

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123843.D
 Acq On : 5 May 2021 23:26
 Operator : JU/CG
 Sample : M2278-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-050421

Integration Parameters: rteint.p

Integrator: RTE

Smoother: ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	561	565	573	rBV	3117053	2693959	12.06%	1.874%
2	6.434	735	739	749	rBV	3206285	2792131	12.50%	1.943%
3	6.792	797	800	804	rBV	2258922	1816046	8.13%	1.263%
4	7.357	892	896	899	rBV	1984773	1705418	7.63%	1.186%
5	8.080	1014	1019	1021	rBV	2869307	2461494	11.02%	1.713%
6	8.675	1117	1120	1123	rBV	459448	377281	1.69%	0.262%
7	8.798	1135	1141	1153	rBV2	1053914	1701997	7.62%	1.184%
8	8.892	1154	1157	1161	rVB2	453697	492500	2.20%	0.343%
9	9.104	1191	1193	1198	rVB2	262855	241190	1.08%	0.168%
10	9.157	1198	1202	1205	rBV	3272732	2529272	11.32%	1.760%
11	9.239	1213	1216	1221	rBV2	884209	843395	3.77%	0.587%
12	9.422	1243	1247	1251	rVB4	353290	482955	2.16%	0.336%
13	9.492	1257	1259	1262	rBV2	501312	436209	1.95%	0.303%
14	9.522	1262	1264	1266	rVB	386190	284425	1.27%	0.198%
15	9.563	1266	1271	1273	rBV3	514992	618319	2.77%	0.430%
16	9.616	1277	1280	1284	rVB2	317765	411159	1.84%	0.286%
17	9.698	1291	1294	1299	rBV	428867	430898	1.93%	0.300%
18	9.769	1304	1306	1311	rVB	1232959	1013412	4.54%	0.705%
19	9.816	1311	1314	1315	rBV3	276713	284482	1.27%	0.198%
20	9.833	1315	1317	1320	rVB	2366455	2089533	9.35%	1.454%
21	9.869	1320	1323	1327	rBV2	481370	489091	2.19%	0.340%
22	9.945	1332	1336	1339	rVB2	240033	253534	1.13%	0.176%
23	10.010	1340	1347	1348	rBV5	199606	336610	1.51%	0.234%
24	10.039	1348	1352	1354	rVB2	524800	464405	2.08%	0.323%
25	10.151	1369	1371	1374	rBV	254229	271380	1.21%	0.189%
26	10.269	1388	1391	1394	rVB	1294333	1137664	5.09%	0.791%
27	10.333	1399	1402	1407	rVB7	181275	229685	1.03%	0.160%
28	10.380	1407	1410	1416	rBV	938990	975394	4.37%	0.679%
29	10.492	1423	1429	1432	rBV	629051	765989	3.43%	0.533%
30	10.539	1435	1437	1441	rVB3	331802	328012	1.47%	0.228%
31	10.621	1447	1451	1455	rVB2	1726619	1638594	7.33%	1.140%
32	10.745	1469	1472	1480	rVB	1696437	1852335	8.29%	1.289%
33	10.933	1500	1504	1506	rBV2	374248	409006	1.83%	0.285%
34	10.957	1506	1508	1514	rVB3	258389	331466	1.48%	0.231%
35	11.063	1522	1526	1529	rBV	945187	937370	4.20%	0.652%
36	11.192	1546	1548	1551	rBV	1164391	958086	4.29%	0.667%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123843.D
 Acq On : 5 May 2021 23:26
 Operator : JU/CG
 Sample : M2278-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-050421

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.221	1551	1553	1559	rVB2	950159	946288	4.23%	0.658%
38	11.327	1567	1571	1572	rBV	1802921	1706071	7.64%	1.187%
39	11.351	1572	1575	1578	rVV	3928082	3249458	14.54%	2.261%
40	11.398	1580	1583	1586	rVB	1198389	945901	4.23%	0.658%
41	11.433	1586	1589	1592	rBV2	201785	227437	1.02%	0.158%
42	11.621	1618	1621	1623	rBV	1303574	960227	4.30%	0.668%
43	11.657	1623	1627	1632	rVB2	494857	633425	2.83%	0.441%
44	11.727	1635	1639	1642	rBV	10723265	9132798	40.87%	6.354%
45	11.786	1646	1649	1652	rBV4	177794	238121	1.07%	0.166%
46	11.827	1653	1656	1658	rVV	872219	685149	3.07%	0.477%
47	11.857	1658	1661	1666	rVV2	1197967	1245776	5.58%	0.867%
48	11.904	1666	1669	1671	rVV	351064	290624	1.30%	0.202%
49	11.939	1671	1675	1677	rVV2	1495872	1472057	6.59%	1.024%
50	11.963	1677	1679	1683	rVB	706356	592275	2.65%	0.412%
51	12.027	1684	1690	1694	rBV	942171	1180503	5.28%	0.821%
52	12.121	1704	1706	1709	rBV2	561564	548833	2.46%	0.382%
53	12.145	1709	1710	1714	rVB2	287929	306473	1.37%	0.213%
54	12.251	1726	1728	1730	rBV	255721	241512	1.08%	0.168%
55	12.304	1734	1737	1740	rBV2	305160	362698	1.62%	0.252%
56	12.380	1746	1750	1752	rBV	733832	747450	3.35%	0.520%
57	12.421	1752	1757	1759	rVV	17734970	22344501	100.00%	15.546%
58	12.445	1759	1761	1767	rVV	19133151	19437324	86.99%	13.523%
59	12.521	1770	1774	1776	rVV	4783654	4300249	19.25%	2.992%
60	12.545	1776	1778	1781	rVV	4414429	3994225	17.88%	2.779%
61	12.580	1781	1784	1787	rVV2	1328917	1860622	8.33%	1.294%
62	12.627	1790	1792	1799	rVV4	426898	889895	3.98%	0.619%
63	12.692	1801	1803	1807	rVV2	474104	559241	2.50%	0.389%
64	12.774	1811	1817	1819	rVV	4059617	4990662	22.34%	3.472%
65	12.792	1819	1820	1823	rVB2	918701	616215	2.76%	0.429%
66	12.915	1838	1841	1843	rBV	1903584	1500157	6.71%	1.044%
67	12.998	1851	1855	1857	rBV2	387805	548230	2.45%	0.381%
68	13.045	1861	1863	1866	rVB3	301205	258530	1.16%	0.180%
69	13.080	1866	1869	1870	rBV2	1073944	969489	4.34%	0.674%
70	13.098	1870	1872	1876	rVV	1177879	1248078	5.59%	0.868%
71	13.151	1878	1881	1882	rVV2	886386	774240	3.47%	0.539%
72	13.168	1882	1884	1887	rVV	1348810	1083921	4.85%	0.754%
73	13.204	1888	1890	1894	rVV3	542040	522295	2.34%	0.363%
74	13.245	1894	1897	1899	rVV	651392	518920	2.32%	0.361%
75	13.298	1903	1906	1908	rVV	372480	327220	1.46%	0.228%
76	13.327	1908	1911	1914	rVB	397092	362228	1.62%	0.252%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123843.D
 Acq On : 5 May 2021 23:26
 Operator : JU/CG
 Sample : M2278-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-050421

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.404	1922	1924	1928	rVB5	280734	302582	1.35%	0.211%
78	13.492	1937	1939	1943	rBV2	458703	435580	1.95%	0.303%
79	13.615	1957	1960	1963	rBV2	268309	305301	1.37%	0.212%
80	13.668	1967	1969	1973	rVB2	405976	478053	2.14%	0.333%
81	13.721	1975	1978	1981	rVV	423301	413651	1.85%	0.288%
82	13.821	1993	1995	2002	rVB5	576470	727449	3.26%	0.506%
83	13.968	2016	2020	2023	rVV2	2268075	3299749	14.77%	2.296%
84	13.998	2023	2025	2031	rVB	1682742	1643598	7.36%	1.143%
85	14.115	2043	2045	2047	rBV	228180	250562	1.12%	0.174%
86	14.139	2047	2049	2052	rVB2	443628	390306	1.75%	0.272%
87	14.362	2084	2087	2090	rVB	542962	544013	2.43%	0.378%
88	14.392	2090	2092	2095	rVB	266867	223668	1.00%	0.156%
89	14.445	2099	2101	2105	rVB2	425633	490967	2.20%	0.342%
90	14.751	2151	2153	2156	rBV	338654	335841	1.50%	0.234%
91	14.868	2169	2173	2180	rVB	319440	591905	2.65%	0.412%
92	15.009	2193	2197	2200	rBV	1054786	1553979	6.95%	1.081%
93	15.309	2245	2248	2254	rVB	632368	851810	3.81%	0.593%
94	15.374	2255	2259	2265	rVV	1048674	1329999	5.95%	0.925%
95	15.433	2266	2269	2272	rVV	772057	985076	4.41%	0.685%
96	15.462	2272	2274	2282	rVB2	575309	677771	3.03%	0.472%

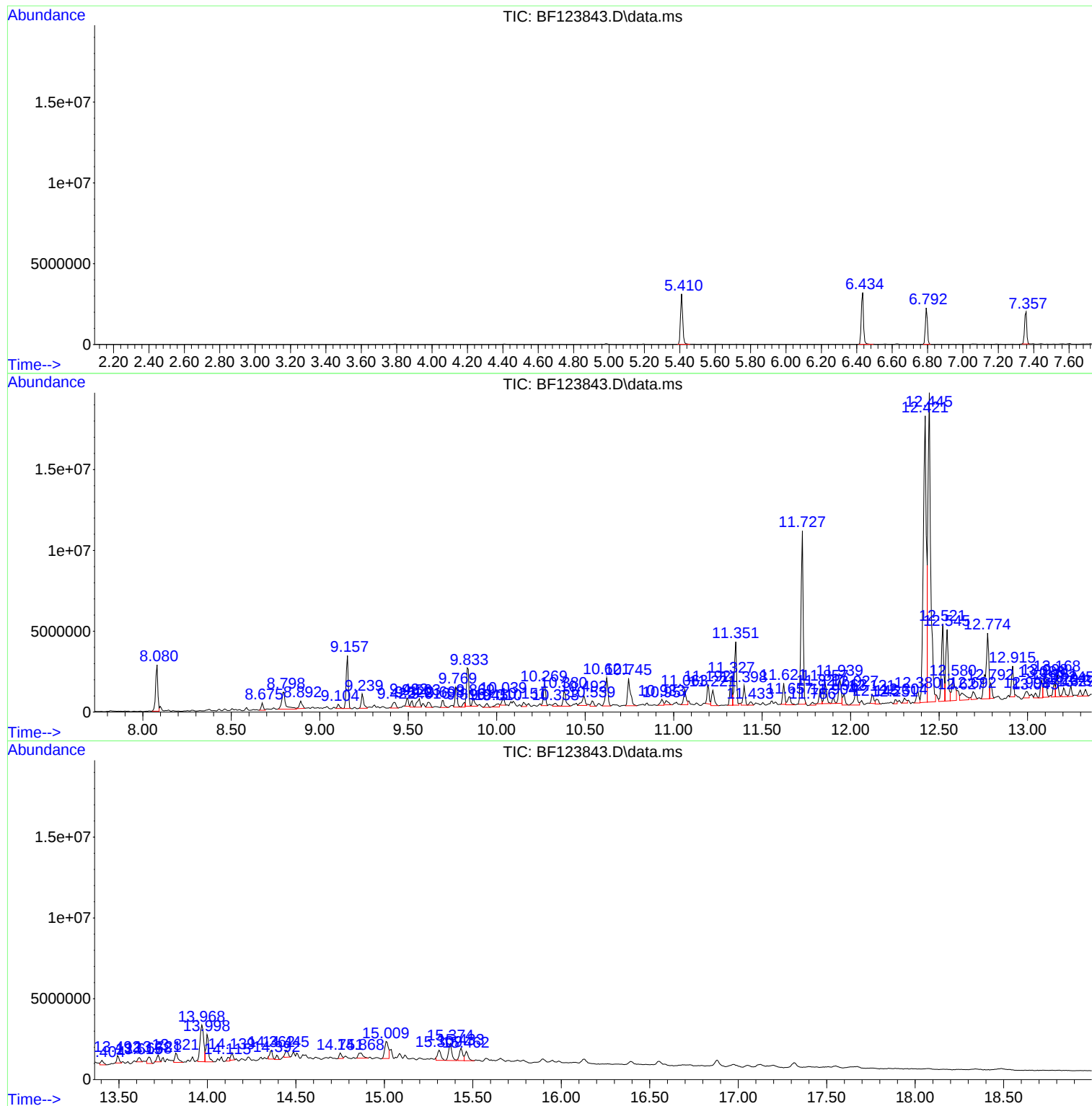
Sum of corrected areas: 143735874

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

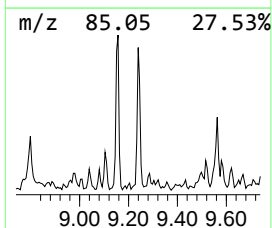
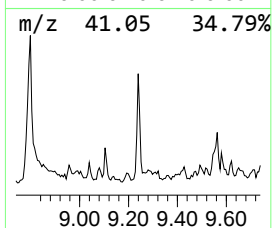
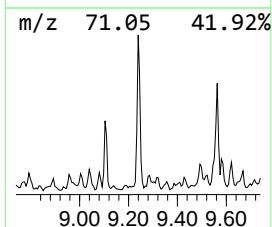
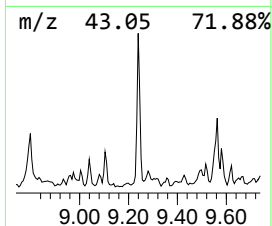
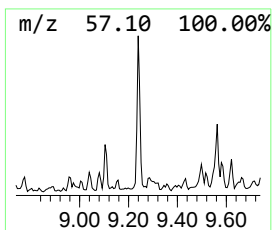
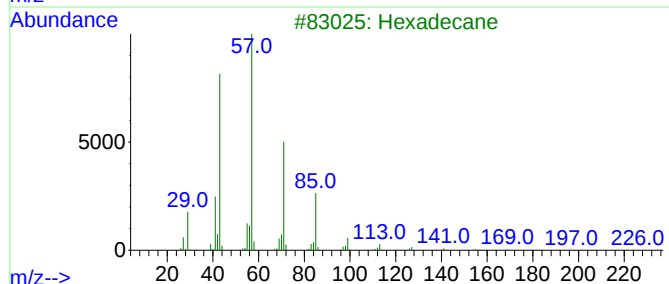
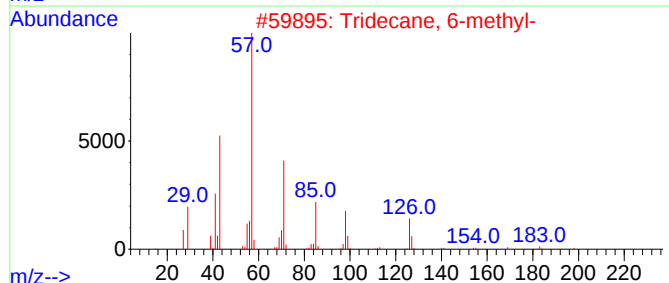
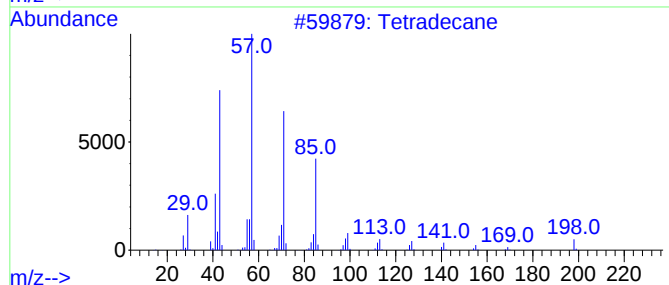
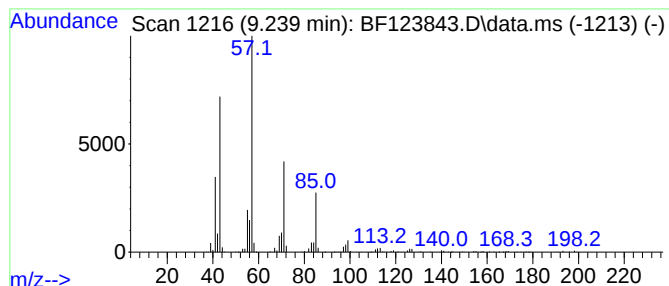
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	8.07 ng	843395	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

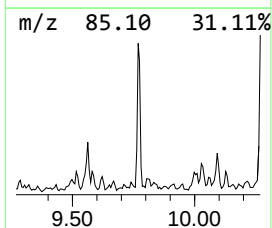
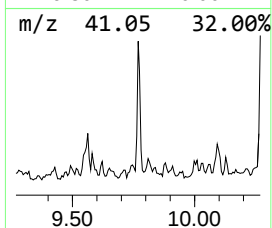
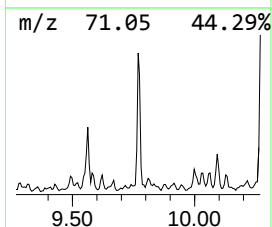
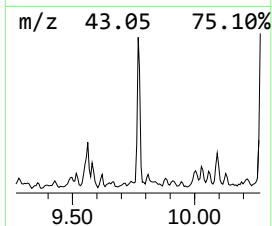
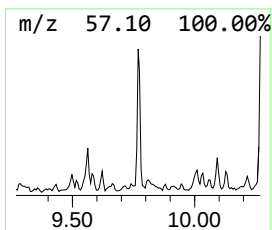
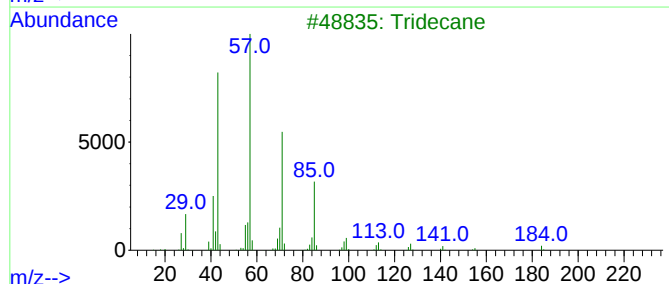
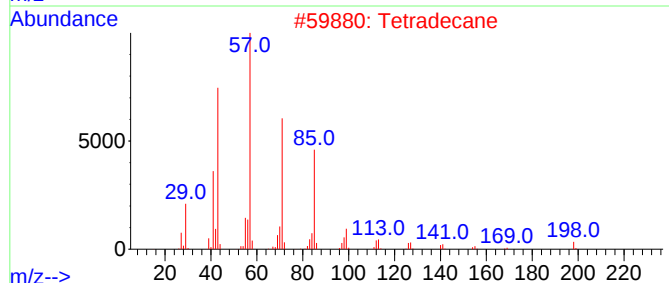
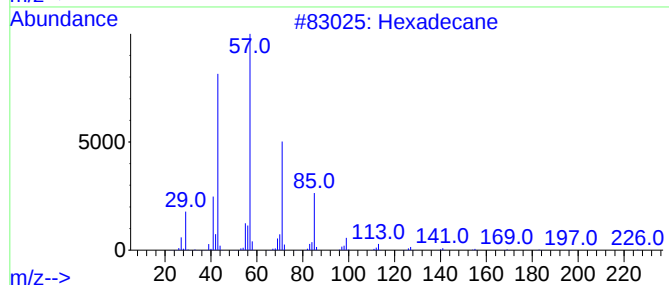
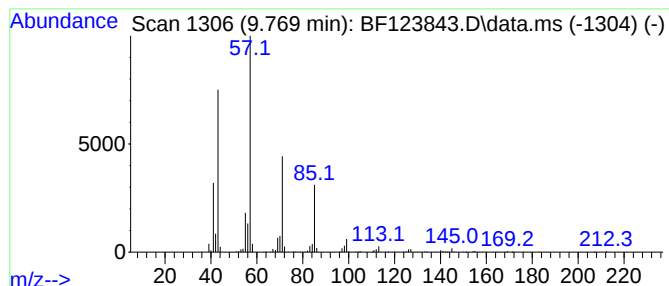
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	9.70 ng	1013410	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	83
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

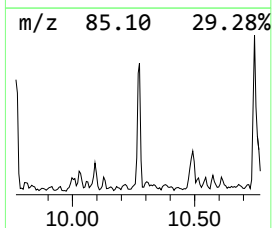
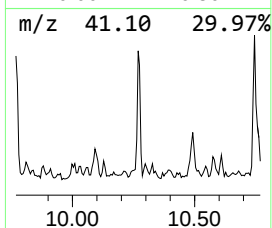
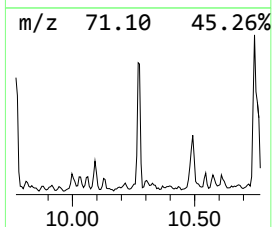
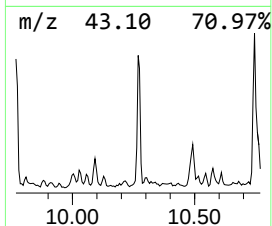
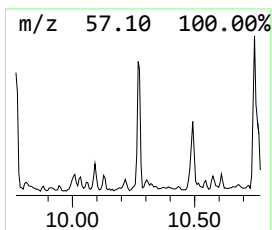
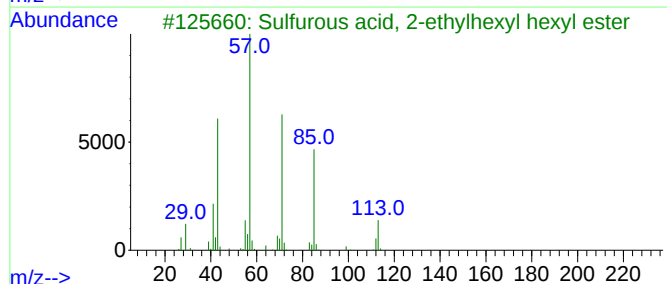
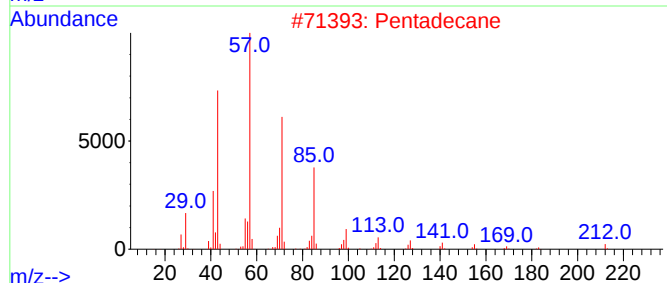
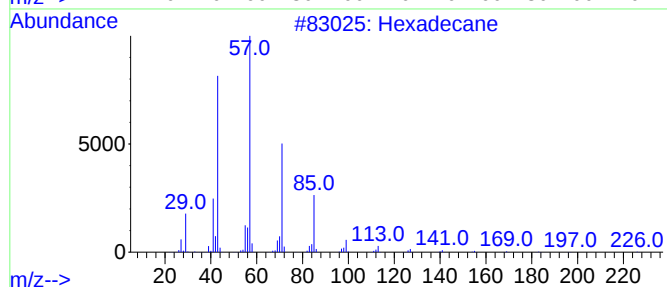
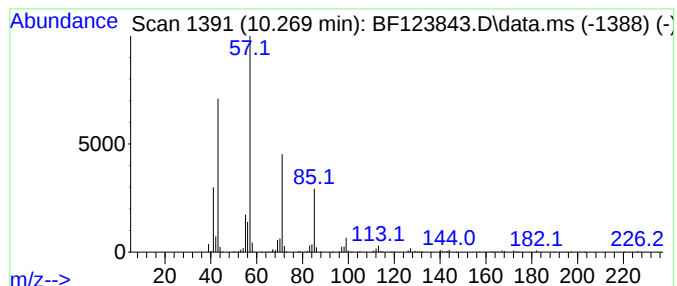
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	10.89 ng	1137660	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Pentadecane	212	C15H32	000629-62-9	86
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

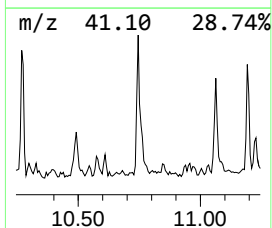
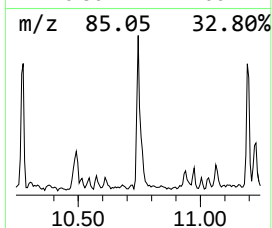
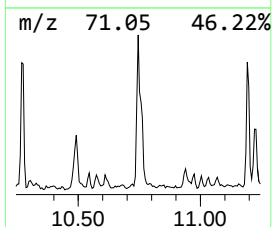
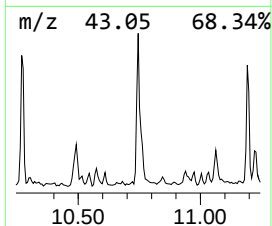
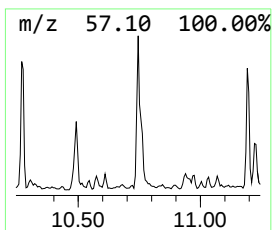
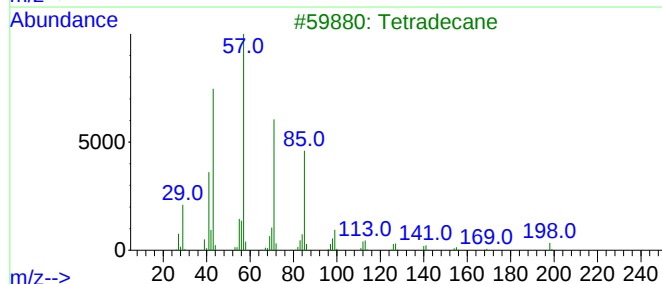
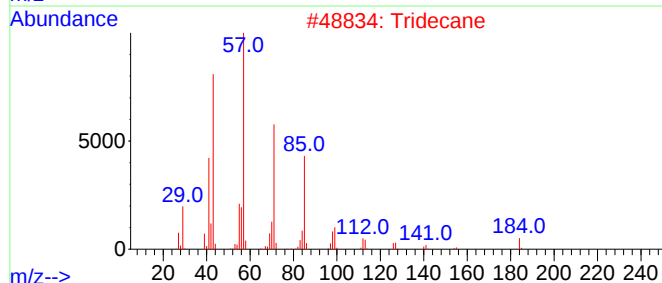
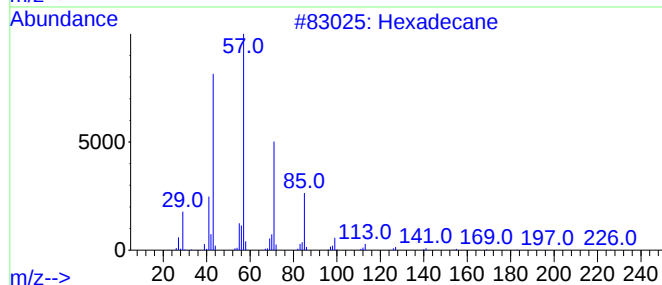
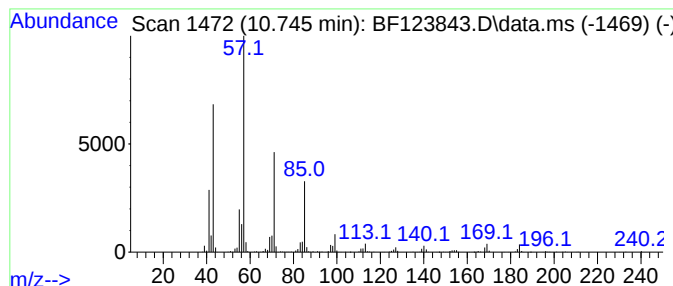
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	21.71 ng	1852340	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Tridecane	184	C13H28	000629-50-5	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

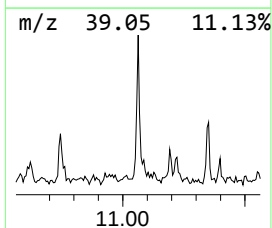
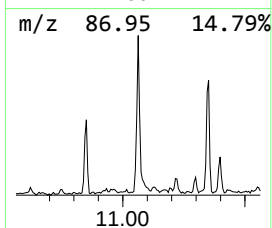
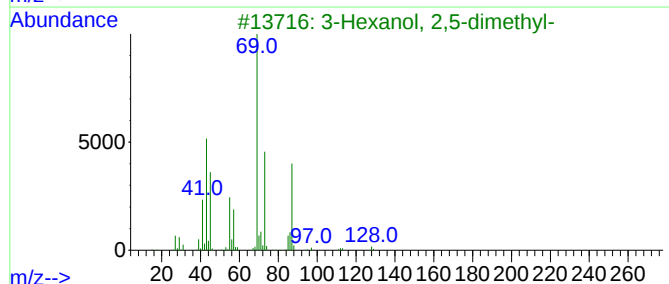
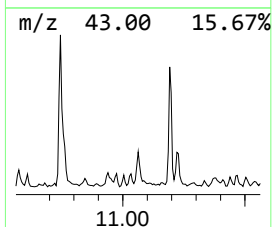
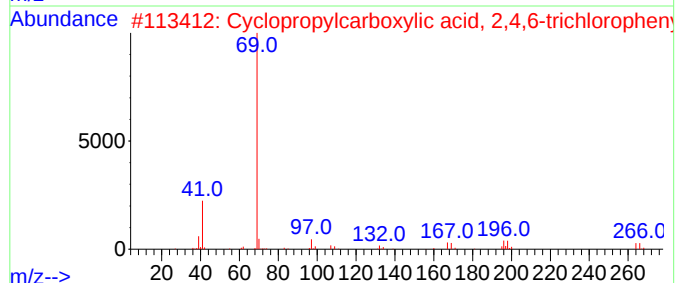
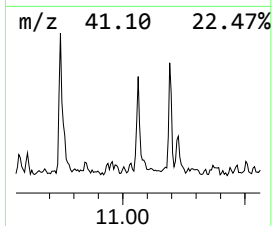
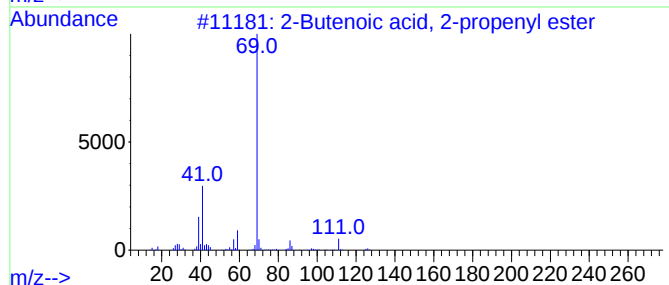
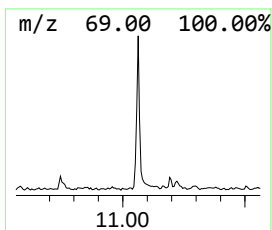
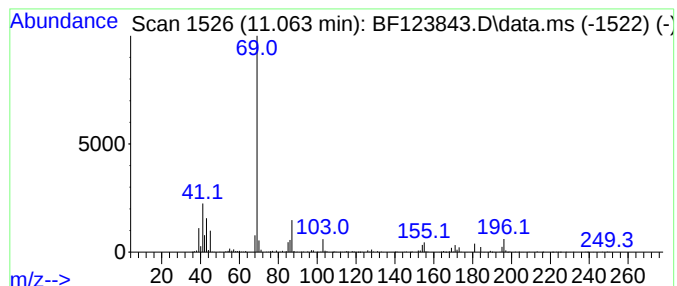
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Butenoic acid, 2-propenyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	10.99 ng	937370	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butenoic acid, 2-propenyl ester	126	C7H10O2	020474-93-5	53
2			Cyclopropylcarboxylic acid, 2,4,...	264	C10H7Cl3O2	1000325-67-6	33
3			3-Hexanol, 2,5-dimethyl-	130	C8H18O	019550-07-3	9
4			Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	9
5			Dinocap	207	C10H9NO4	039300-45-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

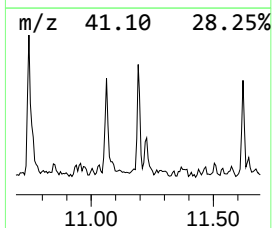
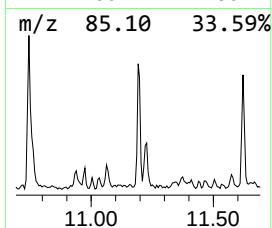
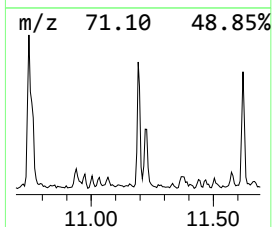
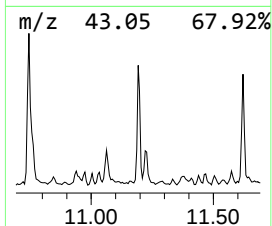
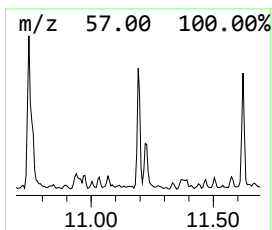
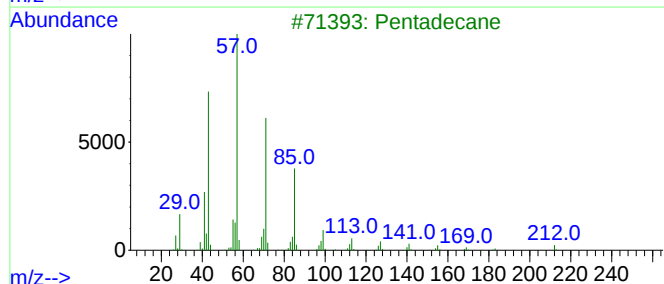
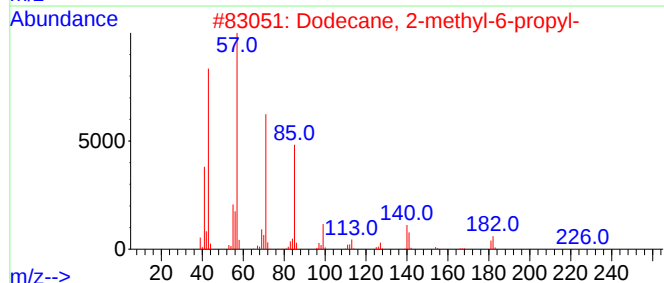
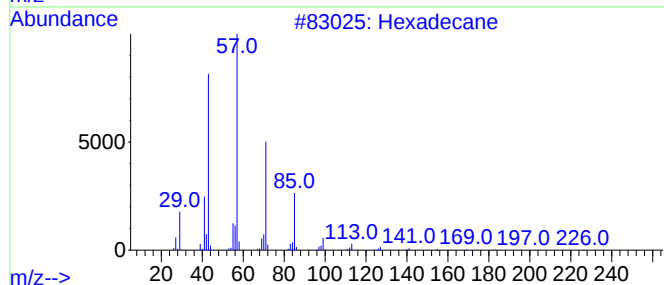
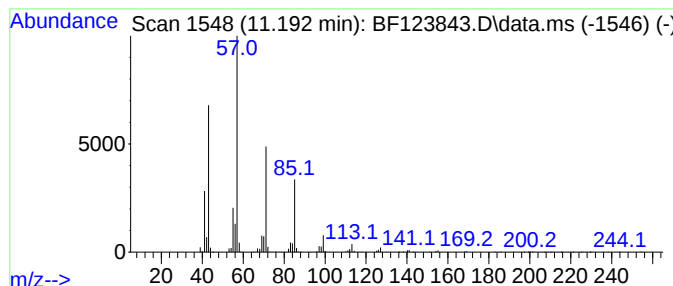
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	11.23 ng	958086	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Pentadecane	212	C15H32	000629-62-9	90
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

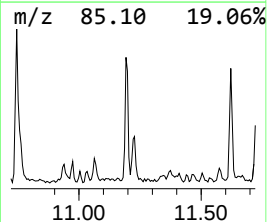
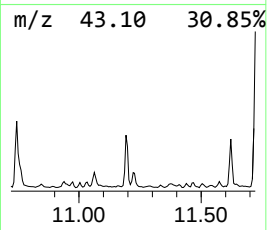
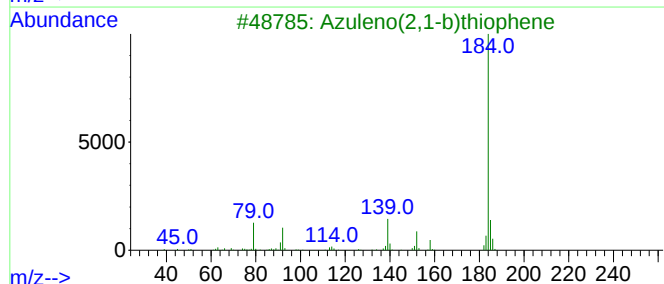
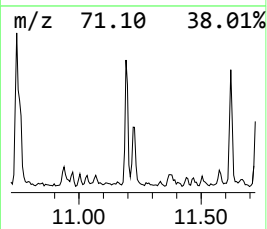
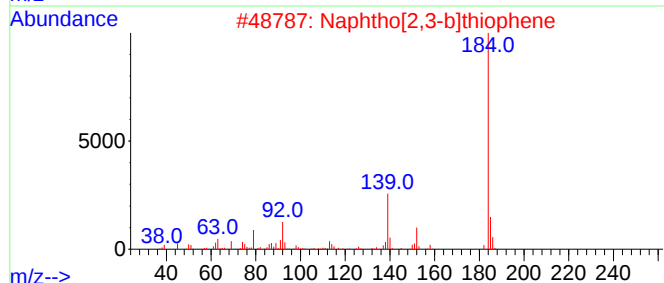
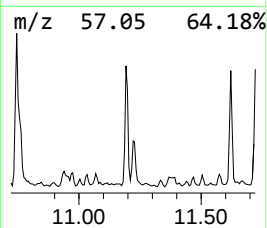
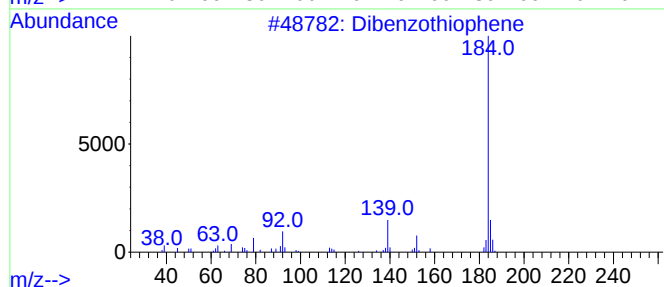
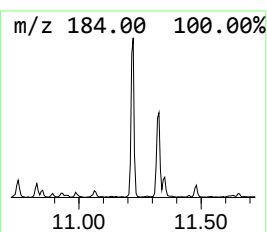
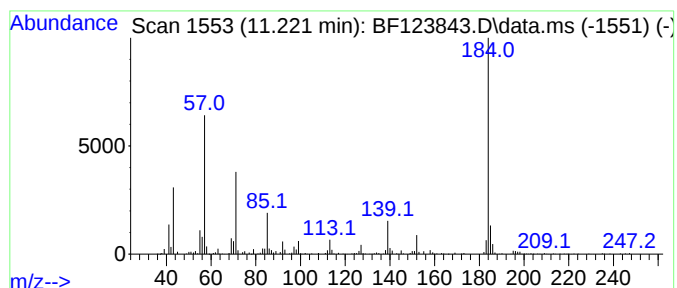
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.221	11.09 ng	946288	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	86
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	62
4			Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	53
5			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

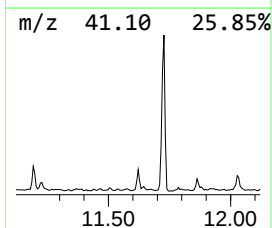
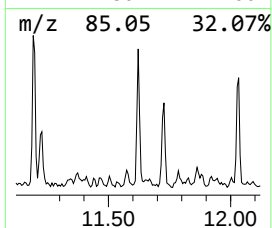
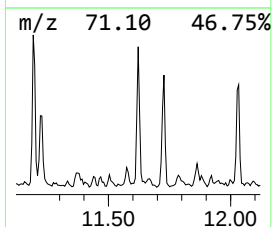
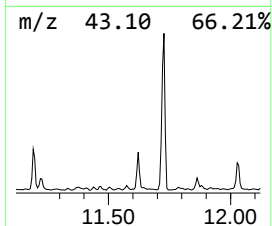
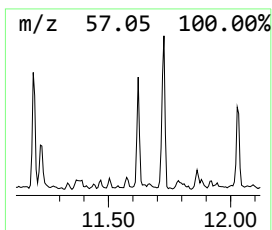
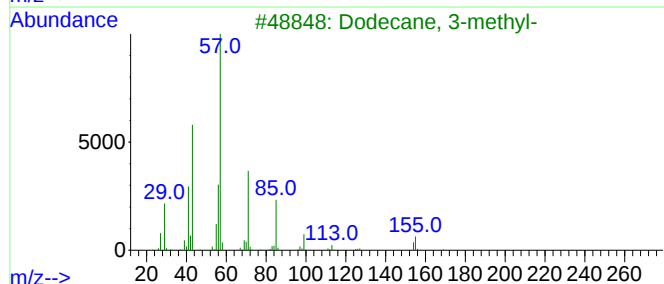
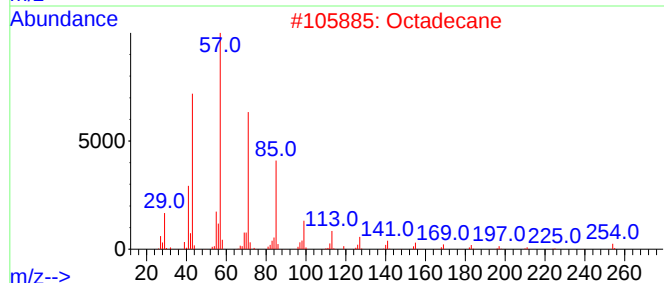
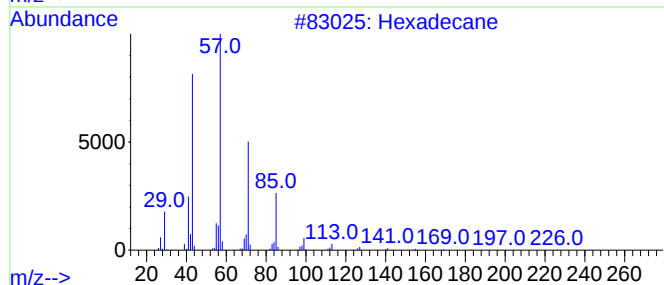
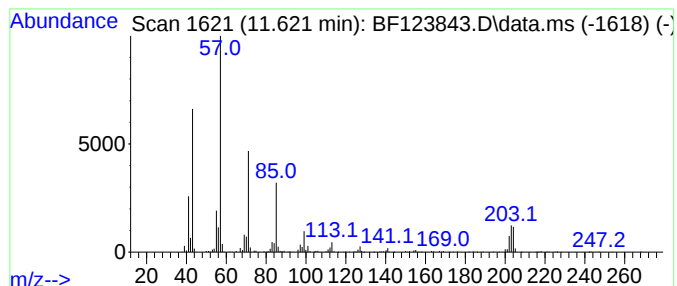
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	11.26 ng	960227	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Octadecane	254	C18H38	000593-45-3	76
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	62
5			Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

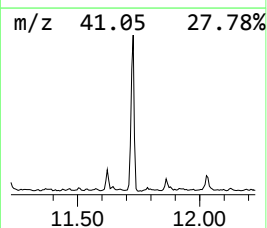
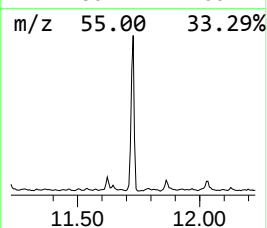
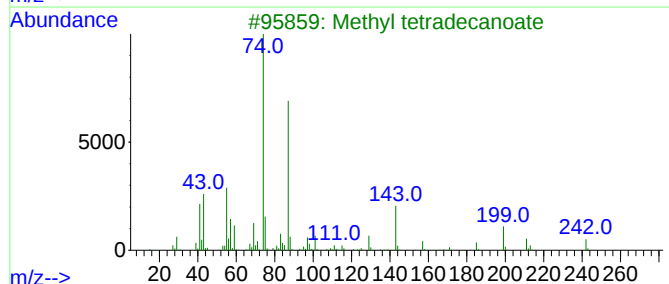
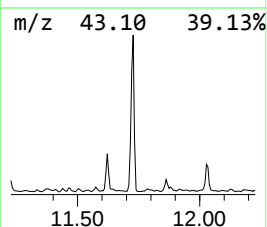
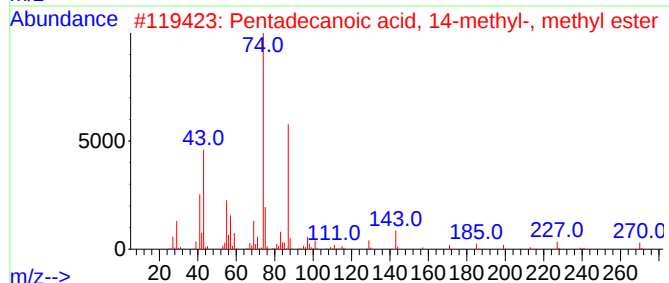
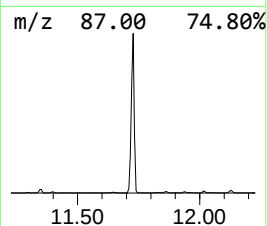
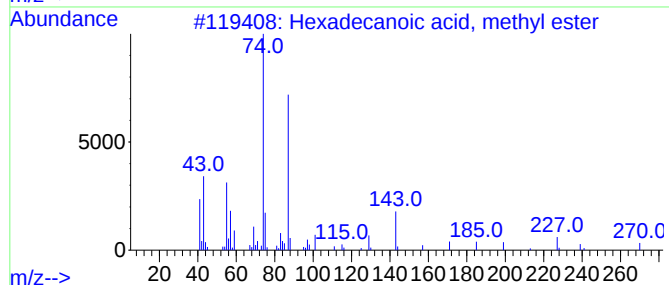
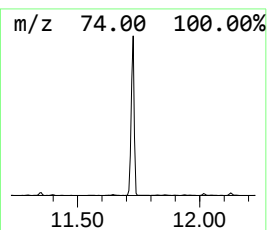
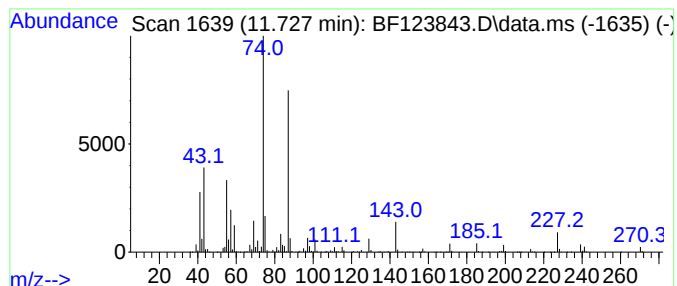
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	107.06 ng	9132800	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
5			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

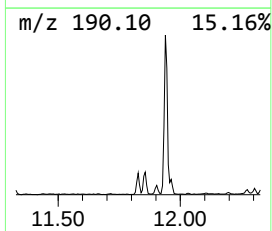
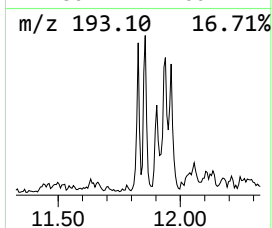
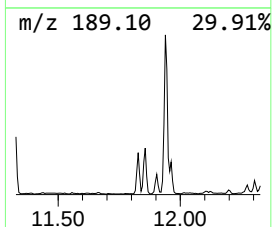
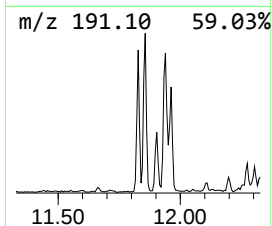
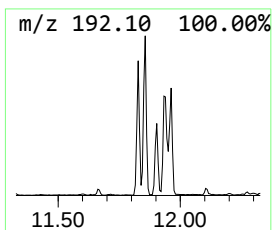
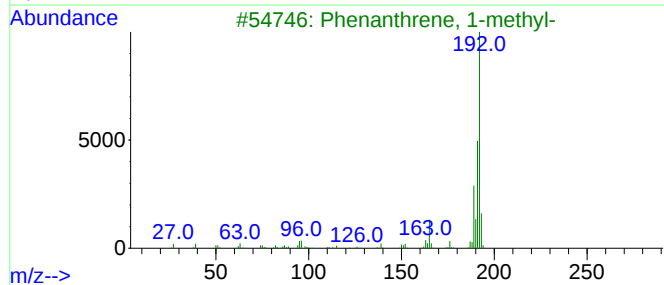
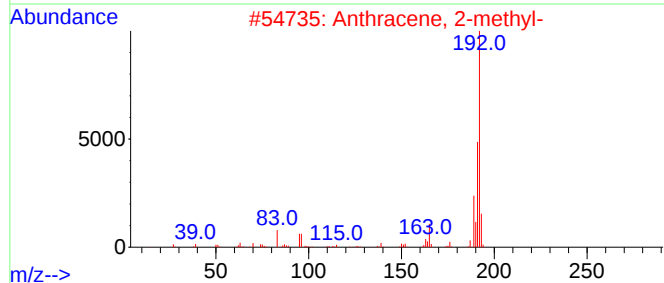
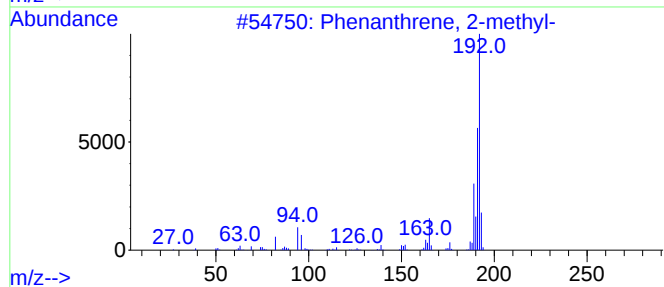
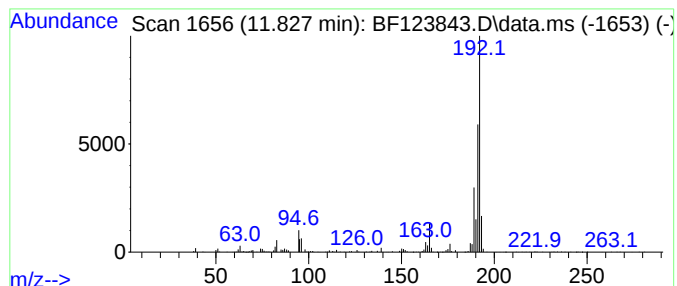
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	8.03 ng	685149	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

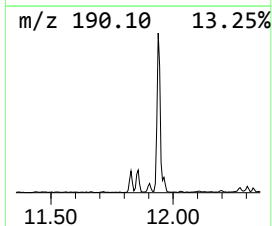
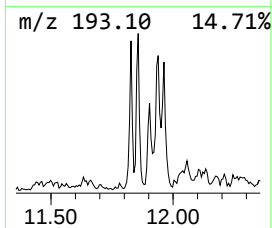
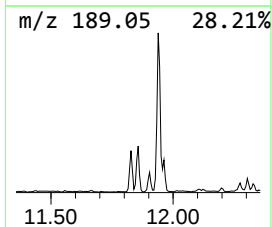
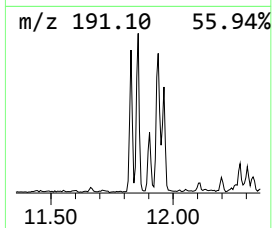
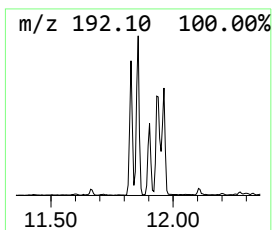
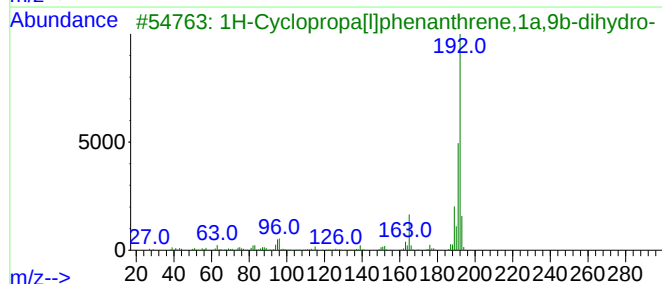
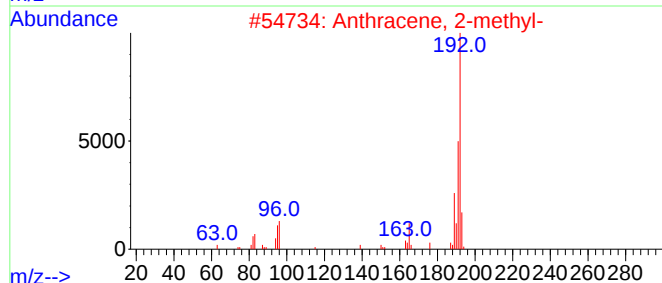
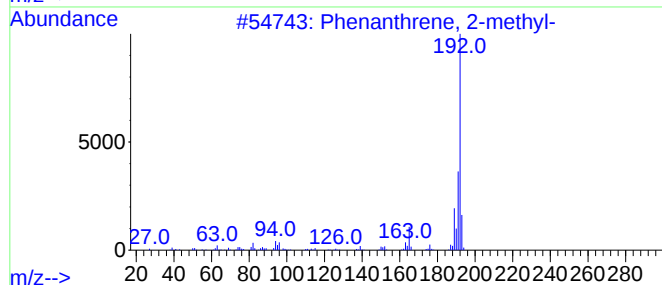
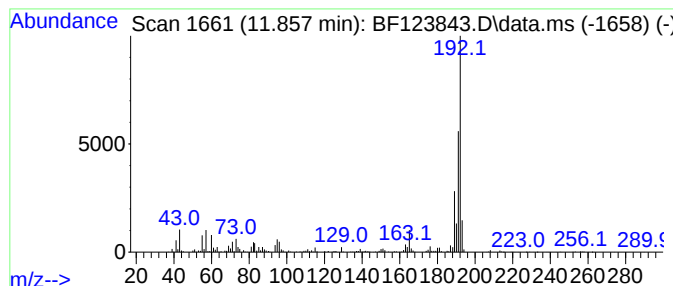
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	14.60 ng	1245780	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

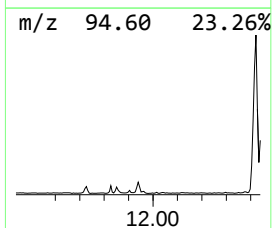
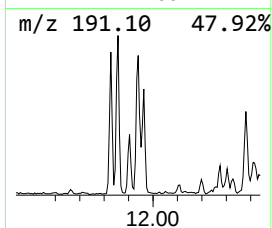
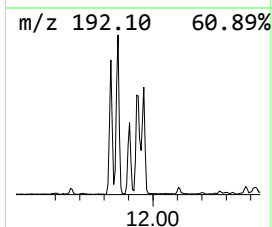
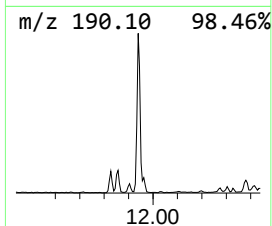
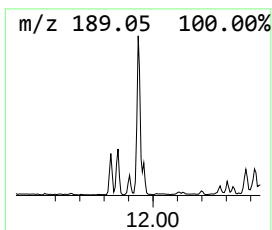
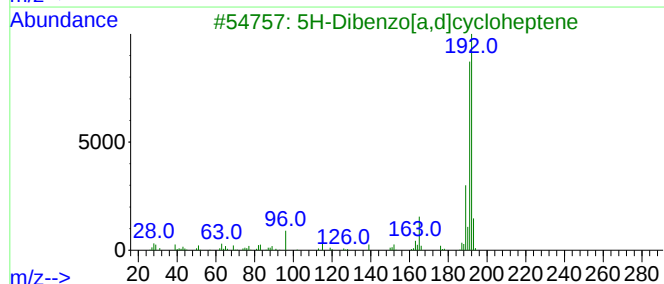
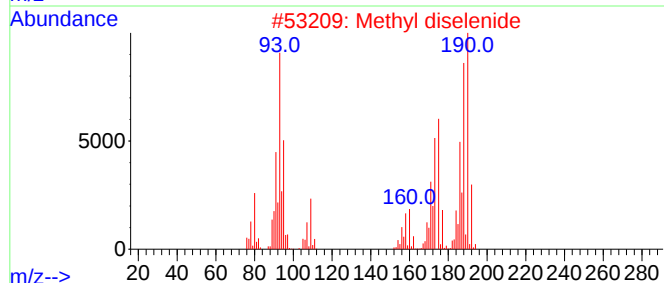
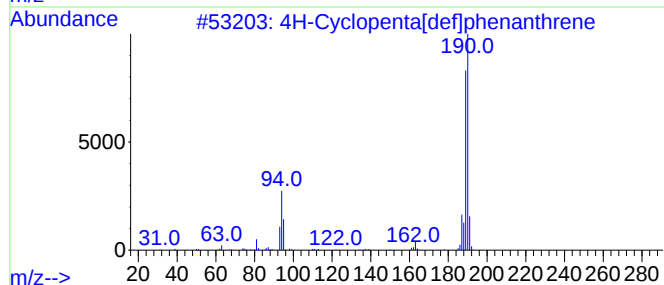
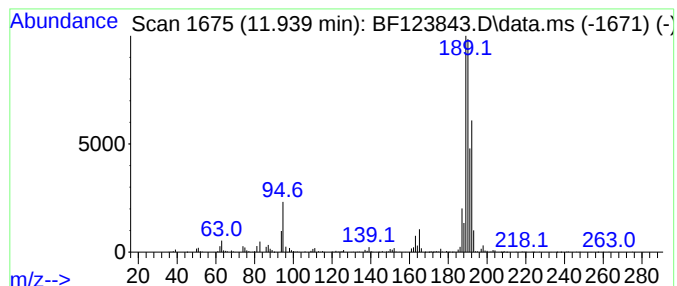
Instrument :
BNA_F
ClientSampleId :
SU-01-050421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.939	17.26 ng	1472060	Phenanthrene-d10	11.327	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

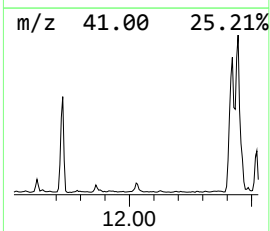
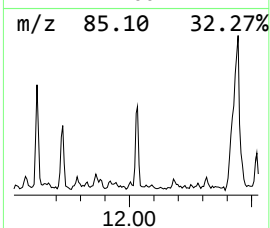
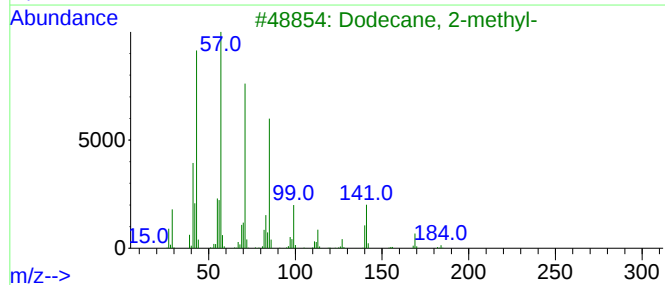
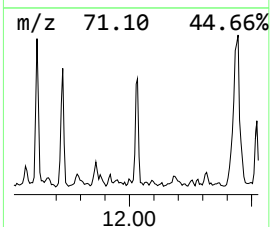
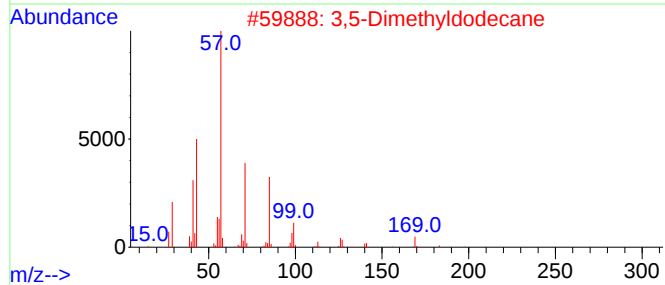
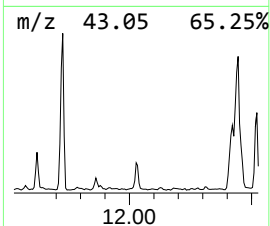
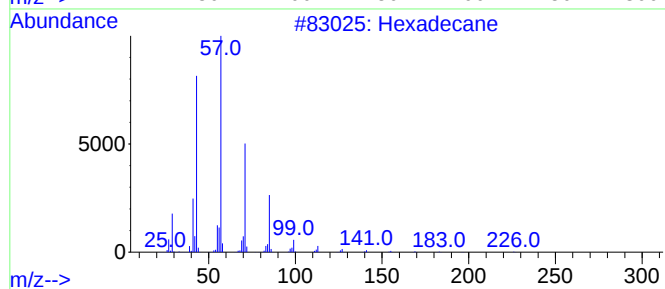
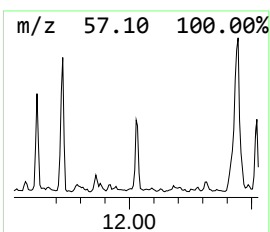
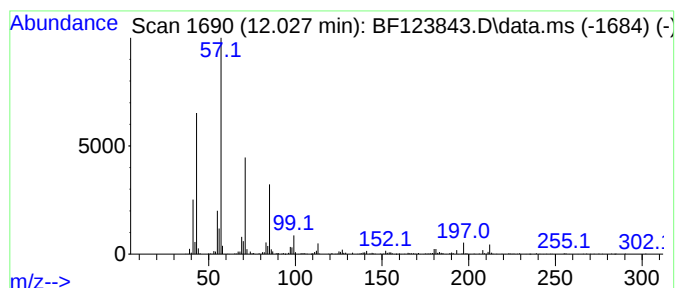
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 3,5-Dimethyldodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	13.84 ng	1180500	Phenanthrene-d10	11.327

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
4		Pentadecane	212	C15H32	000629-62-9	72
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

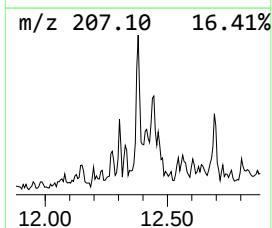
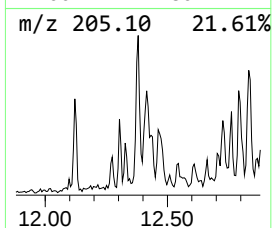
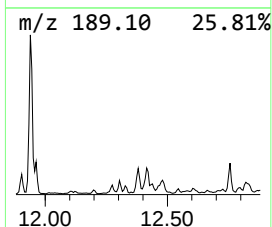
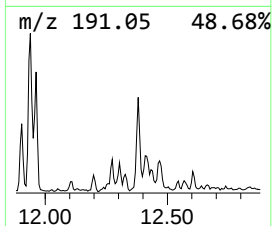
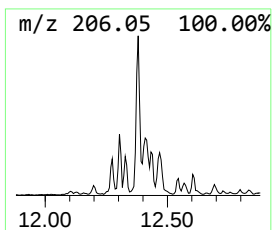
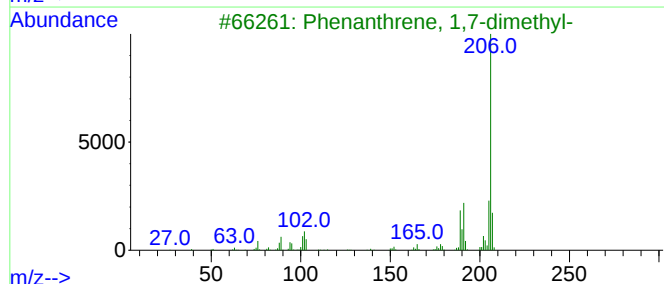
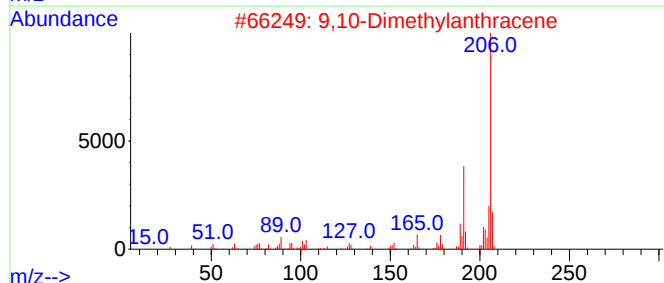
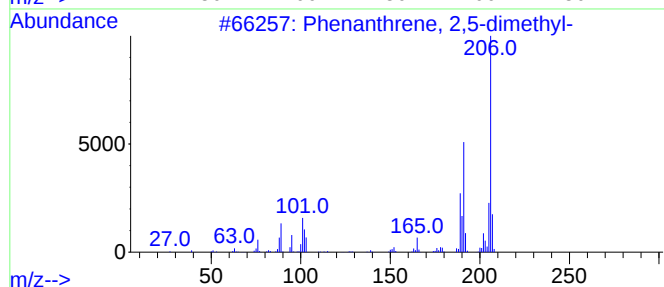
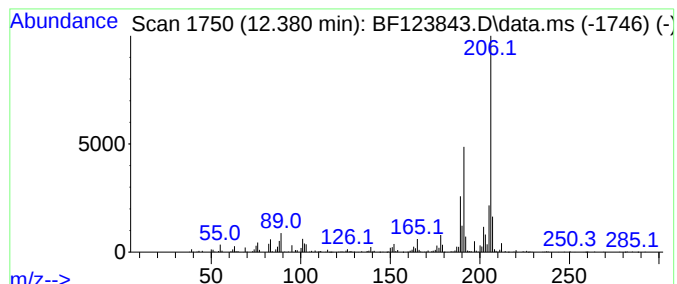
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	8.76 ng	747450	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

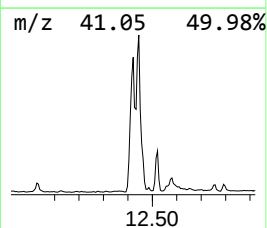
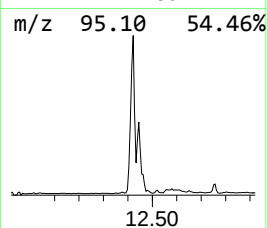
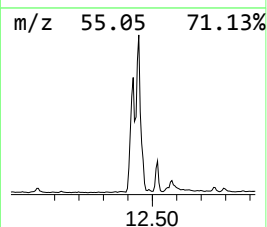
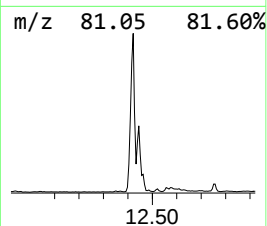
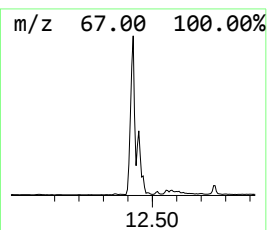
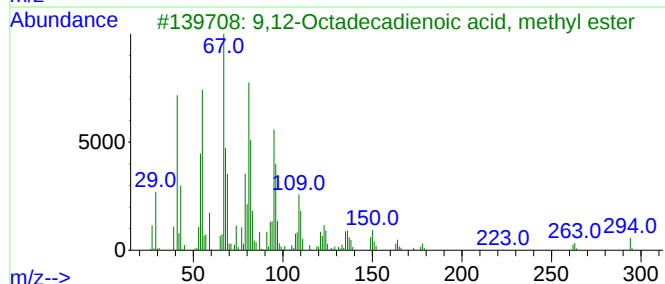
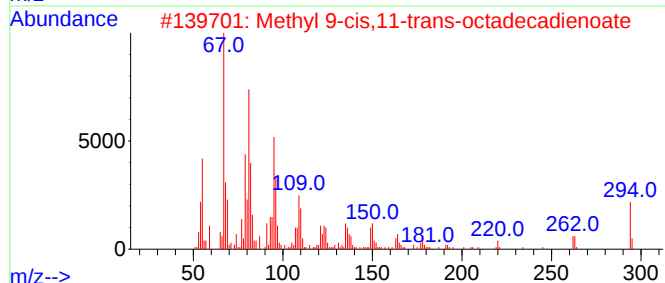
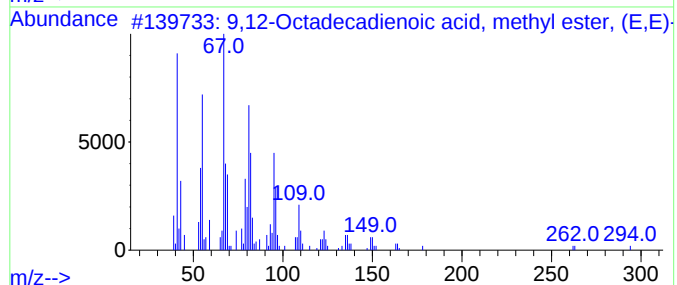
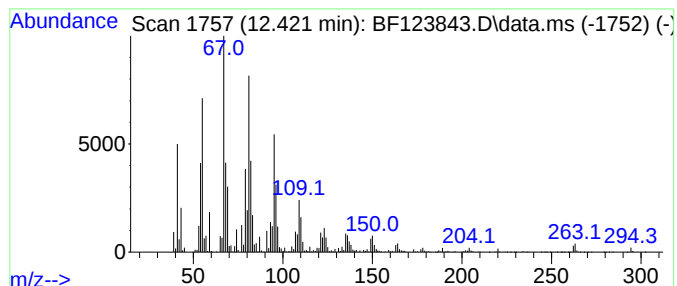
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	261.94 ng	22344500	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

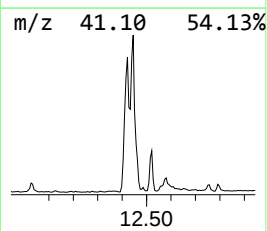
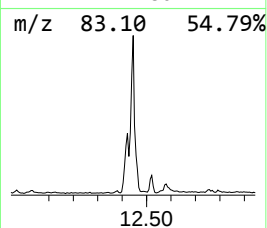
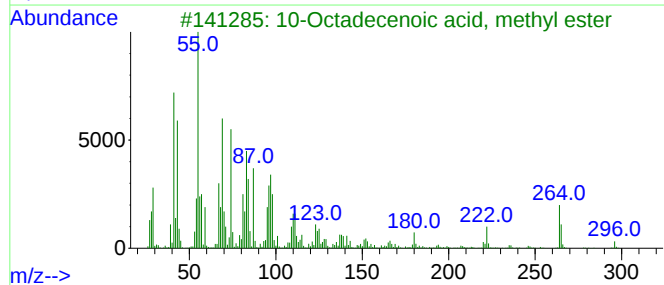
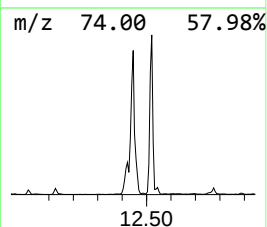
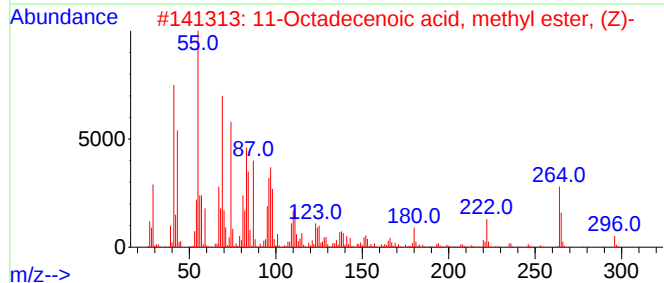
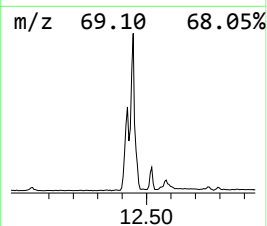
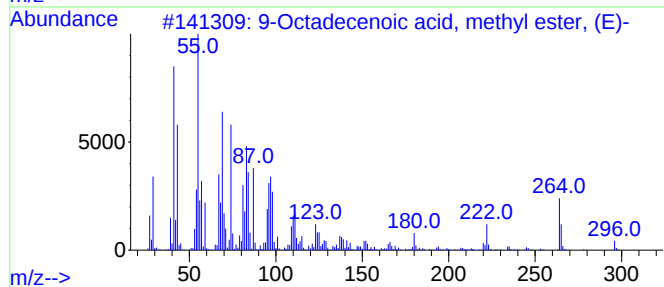
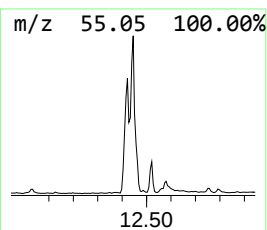
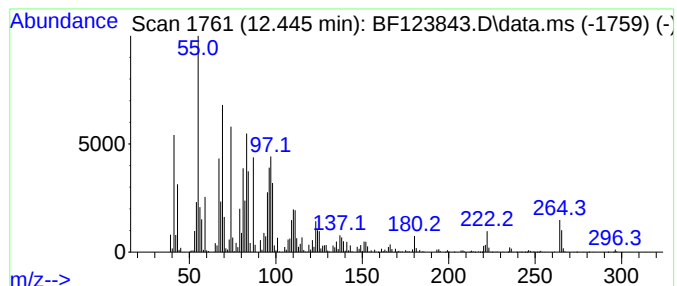
Instrument :
BNA_F
ClientSampleId :
SU-01-050421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.445	227.86 ng	19437300	Phenanthrene-d10	11.327	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

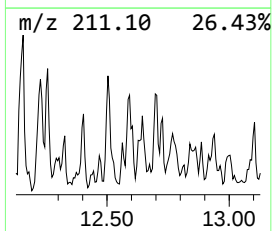
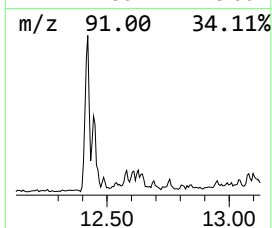
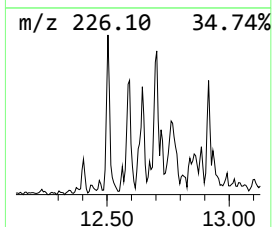
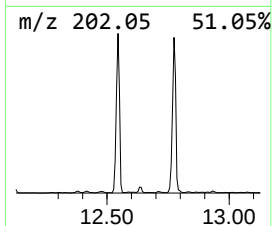
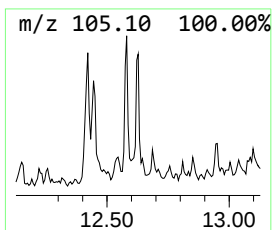
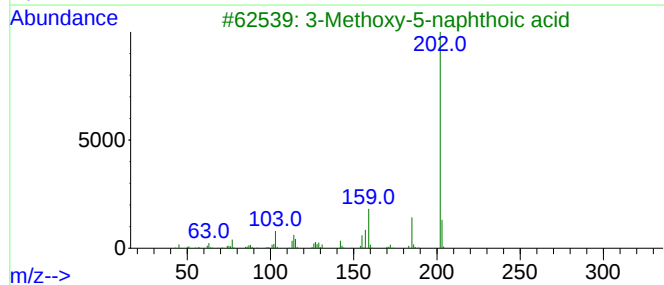
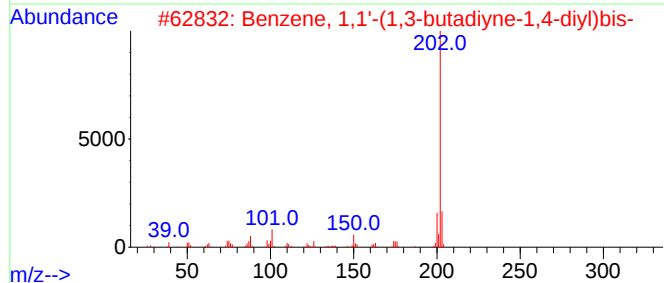
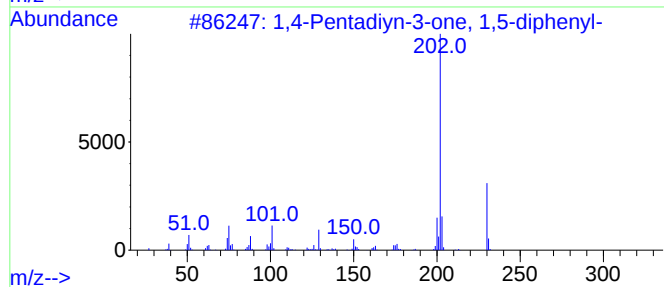
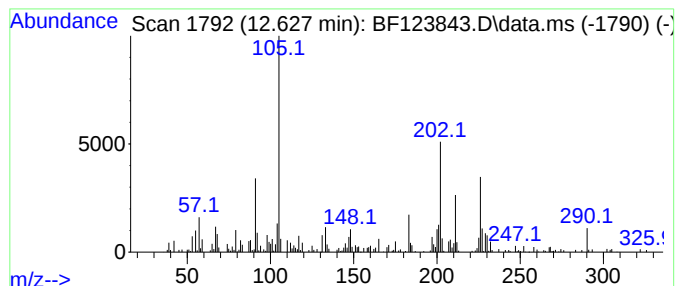
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown12.627 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	10.43 ng	889895	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	22
2			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	18
3			3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	14
4			Pyrene	202	C16H10	000129-00-0	14
5			Pyrazol-5(4H)-one, 1-phenyl-3-pr...	202	C12H14N2O	029211-43-6	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

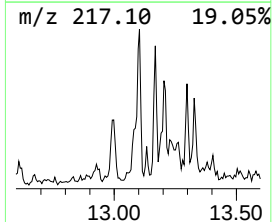
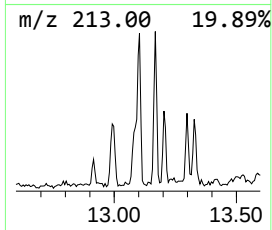
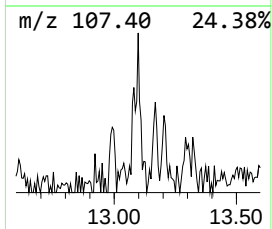
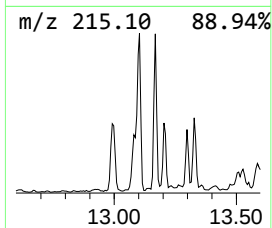
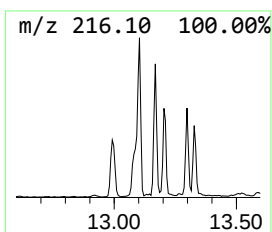
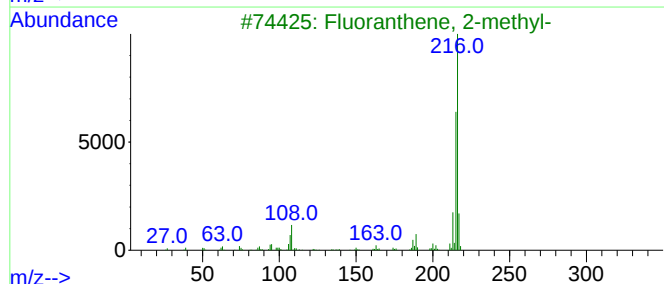
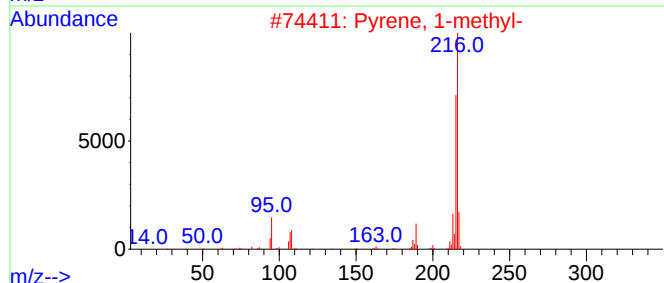
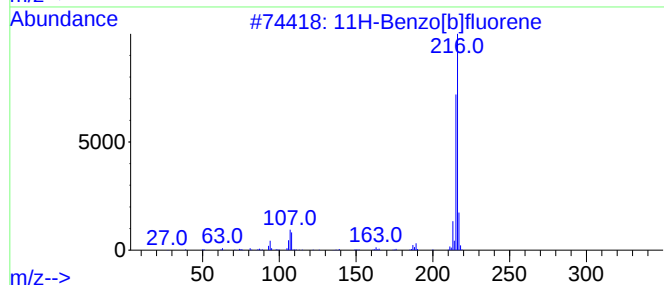
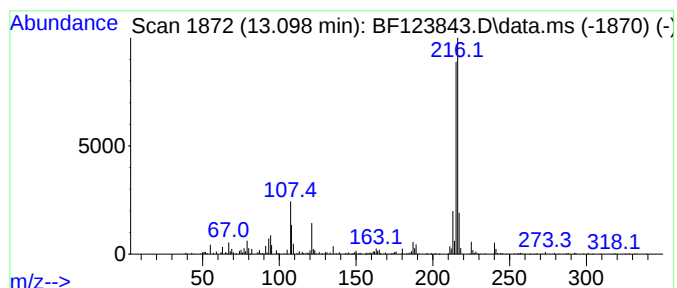
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	7.56 ng	1248080	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5			Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

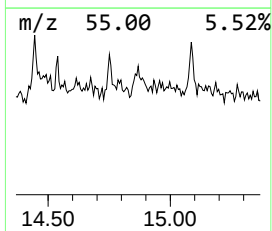
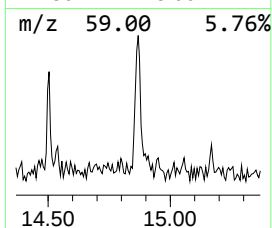
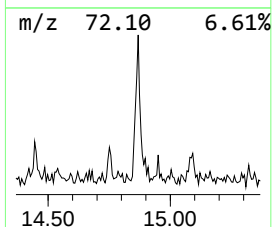
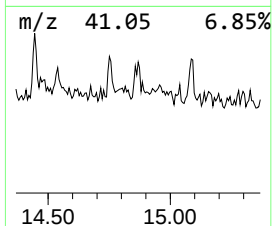
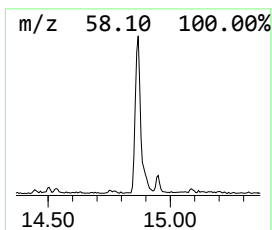
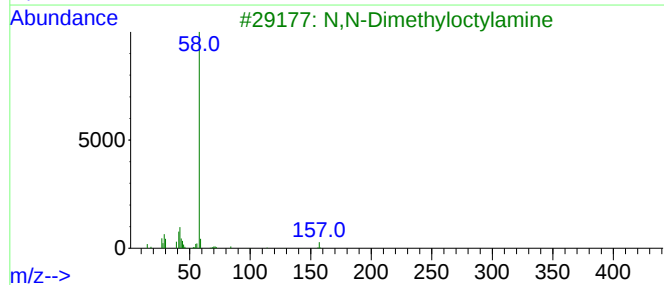
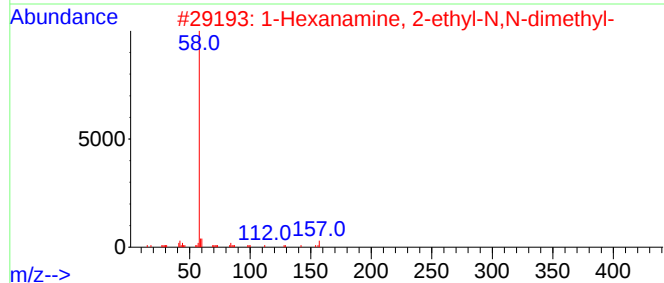
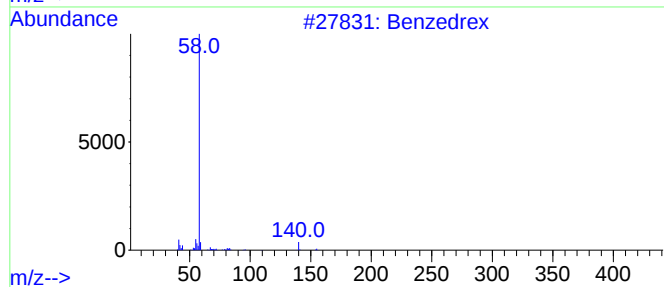
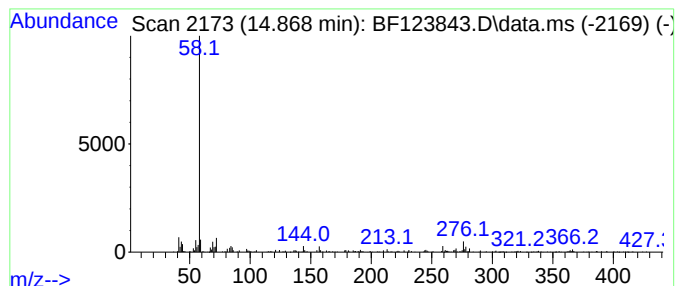
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzedrex Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	12.02 ng	591905	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzedrex	155	C10H21N	000101-40-6	64
2			1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
3			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	59
4			1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	59
5			Fumaric acid, 2-dimethylaminoeth...	355	C20H37NO4	1000331-65-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123843.D
Acq On : 5 May 2021 23:26
Operator : JU/CG
Sample : M2278-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-050421

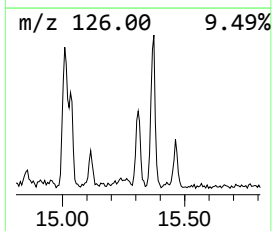
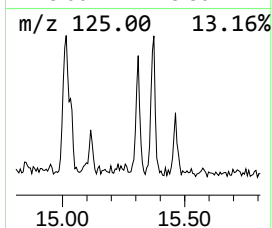
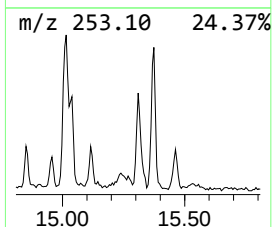
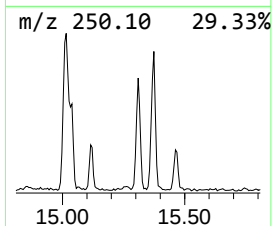
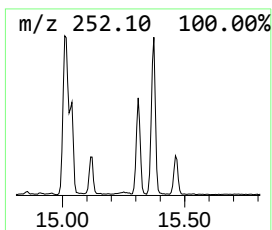
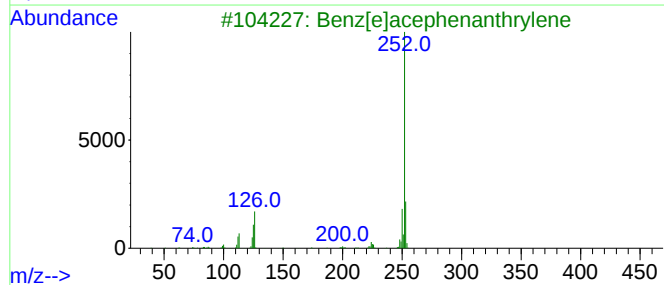
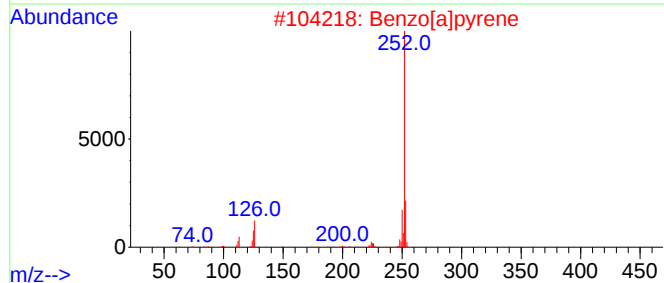
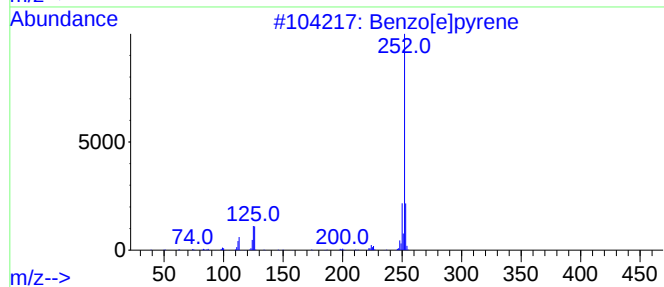
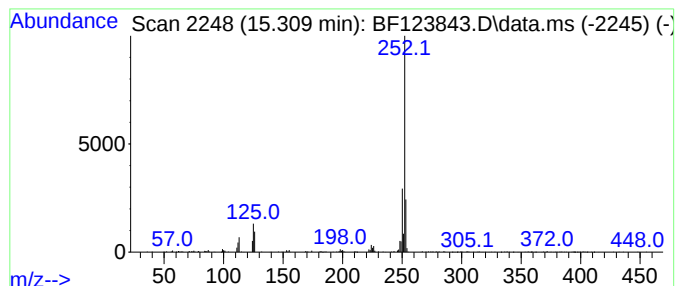
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.309	17.29 ng	851810	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	94
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	92
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123843.D
 Acq On : 5 May 2021 23:26
 Operator : JU/CG
 Sample : M2278-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-050421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecane	9.239	8.1	ng	843395	3	9.833	2089530	20.0
Hexadecane	9.769	9.7	ng	1013410	3	9.833	2089530	20.0
Pentadecane	10.269	10.9	ng	1137660	3	9.833	2089530	20.0
Tridecane	10.745	21.7	ng	1852340	4	11.327	1706070	20.0
2-Butenoic acid...	11.063	11.0	ng	937370	4	11.327	1706070	20.0
Dodecane, 2-met...	11.192	11.2	ng	958086	4	11.327	1706070	20.0
Dibenzothiophene	11.221	11.1	ng	946288	4	11.327	1706070	20.0
Octadecane	11.621	11.3	ng	960227	4	11.327	1706070	20.0
Hexadecanoic ac...	11.727	107.1	ng	9132800	4	11.327	1706070	20.0
Phenanthrene, 2...	11.827	8.0	ng	685149	4	11.327	1706070	20.0
Anthracene, 2-m...	11.857	14.6	ng	1245780	4	11.327	1706070	20.0
4H-Cyclopenta[d...	11.939	17.3	ng	1472060	4	11.327	1706070	20.0
3,5-Dimethyldod...	12.027	13.8	ng	1180500	4	11.327	1706070	20.0
Phenanthrene, 2...	12.380	8.8	ng	747450	4	11.327	1706070	20.0
9,12-Octadecadi...	12.421	261.9	ng	22344500	4	11.327	1706070	20.0
9-Octadecenoic ...	12.445	227.9	ng	19437300	4	11.327	1706070	20.0
unknown12.627	12.627	10.4	ng	889895	4	11.327	1706070	20.0
11H-Benzo[b]flu...	13.098	7.6	ng	1248080	5	13.974	3299750	20.0
Benzedrex	14.868	12.0	ng	591905	6	15.433	985076	20.0
Benzo[e]pyrene	15.309	17.3	ng	851810	6	15.433	985076	20.0