

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092120\
 Data File : BF121634.D
 Acq On : 21 Sep 2020 19:08
 Operator : JU/CG
 Sample : L4048-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	565	570	573	rBV	3341013	3076131	80.91%	7.567%
2	6.451	737	742	754	rBV	2981122	3307100	86.99%	8.135%
3	6.651	771	776	783	rBV2	82857	118305	3.11%	0.291%
4	6.816	800	804	811	rVB	1105620	905986	23.83%	2.229%
5	7.092	848	851	854	rVB	51517	46503	1.22%	0.114%
6	7.134	854	858	861	rBV2	60262	65597	1.73%	0.161%
7	7.381	889	900	903	rBV	2391007	2349616	61.80%	5.780%
8	7.416	903	906	909	rVB	91978	81403	2.14%	0.200%
9	7.463	909	914	917	rVB4	42113	54740	1.44%	0.135%
10	7.522	917	924	928	rBV5	22650	56491	1.49%	0.139%
11	7.839	971	978	981	rBV4	150880	253290	6.66%	0.623%
12	7.922	986	992	997	rVB5	46742	82732	2.18%	0.204%
13	7.969	997	1000	1004	rBV2	45324	50323	1.32%	0.124%
14	8.098	1017	1022	1025	rBV	1258665	1276515	33.58%	3.140%
15	8.122	1025	1026	1029	rVV	150452	93277	2.45%	0.229%
16	8.163	1029	1033	1036	rVB2	128820	129122	3.40%	0.318%
17	8.381	1067	1070	1071	rBV2	42975	47167	1.24%	0.116%
18	8.451	1079	1082	1084	rBV3	63328	58153	1.53%	0.143%
19	8.481	1084	1087	1090	rVB3	55791	55271	1.45%	0.136%
20	8.528	1090	1095	1097	rBV	176916	208070	5.47%	0.512%
21	8.563	1099	1101	1104	rVB2	60467	53240	1.40%	0.131%
22	8.604	1105	1108	1111	rBV3	58140	57094	1.50%	0.140%
23	8.645	1111	1115	1120	rBV5	50745	80262	2.11%	0.197%
24	8.692	1120	1123	1126	rBV3	106167	111568	2.93%	0.274%
25	8.792	1137	1140	1141	rBV	65431	61124	1.61%	0.150%
26	8.810	1141	1143	1147	rVB	326864	309143	8.13%	0.760%
27	8.910	1156	1160	1164	rBV2	108732	118440	3.12%	0.291%
28	8.980	1169	1172	1175	rBV3	60726	76951	2.02%	0.189%
29	9.010	1175	1177	1182	rVB2	44874	49964	1.31%	0.123%
30	9.128	1194	1197	1201	rVB	241715	198309	5.22%	0.488%
31	9.180	1201	1206	1209	rBV	4019327	3801706	100.00%	9.351%
32	9.263	1216	1220	1225	rBV2	135549	217602	5.72%	0.535%
33	9.375	1236	1239	1243	rVB	122478	131078	3.45%	0.322%
34	9.445	1246	1251	1254	rVB	154962	232925	6.13%	0.573%

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35	9.516	1260	1263	1265	rBV2	93738	82365	2.17%	0.203%
36	9.539	1265	1267	1270	rVV	108036	97797	2.57%	0.241%
37	9.575	1270	1273	1277	rVV2	415829	480415	12.64%	1.182%
38	9.728	1296	1299	1302	rBV3	36454	52962	1.39%	0.130%
39	9.792	1308	1310	1315	rVB2	61088	51317	1.35%	0.126%
40	9.857	1315	1321	1324	rBV	1469407	1396610	36.74%	3.435%
41	9.898	1324	1328	1330	rVB4	55523	70609	1.86%	0.174%
42	9.963	1336	1339	1344	rVB2	89720	106796	2.81%	0.263%
43	10.057	1352	1355	1358	rVB3	72406	71764	1.89%	0.177%
44	10.292	1392	1395	1397	rVB3	61406	61659	1.62%	0.152%
45	10.404	1411	1414	1415	rBV2	58153	56592	1.49%	0.139%
46	10.516	1427	1433	1438	rBV	184048	250856	6.60%	0.617%
47	10.563	1439	1441	1445	rVB3	59700	60550	1.59%	0.149%
48	10.651	1451	1456	1459	rBV	2421730	2140555	56.31%	5.265%
49	10.780	1473	1478	1484	rVB	269305	349269	9.19%	0.859%
50	11.245	1554	1557	1564	rVB	198545	208848	5.49%	0.514%
51	11.345	1570	1574	1577	rBV	1410745	1370289	36.04%	3.371%
52	11.369	1577	1578	1582	rVV	457032	410229	10.79%	1.009%
53	11.422	1585	1587	1590	rVB	75767	59712	1.57%	0.147%
54	11.563	1609	1611	1615	rBV3	60549	86512	2.28%	0.213%
55	11.680	1629	1631	1638	rVB3	59886	82254	2.16%	0.202%
56	11.851	1657	1660	1661	rBV	81324	70796	1.86%	0.174%
57	11.886	1661	1666	1669	rVV2	728930	764770	20.12%	1.881%
58	11.957	1675	1678	1681	rBV2	121002	108926	2.87%	0.268%
59	12.080	1697	1699	1702	rVB2	57248	46454	1.22%	0.114%
60	12.145	1707	1710	1712	rVV	104814	97437	2.56%	0.240%
61	12.169	1712	1714	1718	rVB3	67106	68223	1.79%	0.168%
62	12.292	1733	1735	1738	rVB2	55938	52358	1.38%	0.129%
63	12.327	1738	1741	1743	rBV2	65151	74535	1.96%	0.183%
64	12.398	1750	1753	1756	rBV	159736	151590	3.99%	0.373%
65	12.439	1756	1760	1762	rVV2	92102	121742	3.20%	0.299%
66	12.486	1765	1768	1772	rBV3	62491	68310	1.80%	0.168%
67	12.563	1777	1781	1786	rVV	644975	608213	16.00%	1.496%
68	12.610	1786	1789	1790	rVV	55912	55913	1.47%	0.138%
69	12.680	1794	1801	1810	rVV	1718271	2050436	53.93%	5.044%
70	12.792	1814	1820	1822	rVV	540902	662689	17.43%	1.630%
71	12.845	1826	1829	1833	rVB2	68555	98599	2.59%	0.243%

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72	12.939	1840	1845	1848	rVB	4060409	3749687	98.63%	9.223%
73	13.010	1853	1857	1864	rVB4	75835	129181	3.40%	0.318%
74	13.098	1869	1872	1873	rBV2	50207	56335	1.48%	0.139%
75	13.168	1881	1884	1886	rBV	67617	81490	2.14%	0.200%
76	13.221	1890	1893	1897	rVB2	81889	89076	2.34%	0.219%
77	13.515	1940	1943	1946	rBV3	45417	55802	1.47%	0.137%
78	13.627	1959	1962	1966	rVB	94141	104268	2.74%	0.256%
79	13.739	1977	1981	1983	rBV2	60209	69715	1.83%	0.171%
80	13.857	1995	2001	2009	rBV3	250937	560447	14.74%	1.379%
81	13.992	2018	2024	2026	rBV2	1148064	1344161	35.36%	3.306%
82	14.015	2026	2028	2030	rVB	252111	190094	5.00%	0.468%
83	14.157	2050	2052	2055	rVB3	59788	50891	1.34%	0.125%
84	14.374	2087	2089	2092	rVB	69852	62992	1.66%	0.155%
85	14.463	2102	2104	2107	rVB	108921	96159	2.53%	0.237%
86	14.504	2108	2111	2118	rVV5	79931	147697	3.89%	0.363%
87	14.768	2153	2156	2159	rBV2	57219	70887	1.86%	0.174%
88	15.021	2196	2199	2203	rBV	205857	317707	8.36%	0.781%
89	15.110	2210	2214	2216	rBV	140403	166641	4.38%	0.410%
90	15.327	2247	2251	2257	rVB	131876	166909	4.39%	0.411%
91	15.386	2257	2261	2267	rVB	165385	211204	5.56%	0.520%
92	15.451	2267	2272	2276	rBV	752740	978952	25.75%	2.408%
93	15.686	2309	2312	2316	rVB2	52334	68192	1.79%	0.168%
94	15.921	2348	2352	2358	rVB	130904	186357	4.90%	0.458%
95	16.709	2483	2486	2495	rVB5	44554	105677	2.78%	0.260%
96	16.898	2513	2518	2527	rVB2	99519	186604	4.91%	0.459%
97	17.333	2587	2592	2604	rVB	73708	160127	4.21%	0.394%
98	17.703	2649	2655	2663	rVB3	120135	256232	6.74%	0.630%
99	17.980	2698	2702	2708	rBV8	58454	122532	3.22%	0.301%
100	18.503	2785	2791	2804	rVB5	139063	404134	10.63%	0.994%

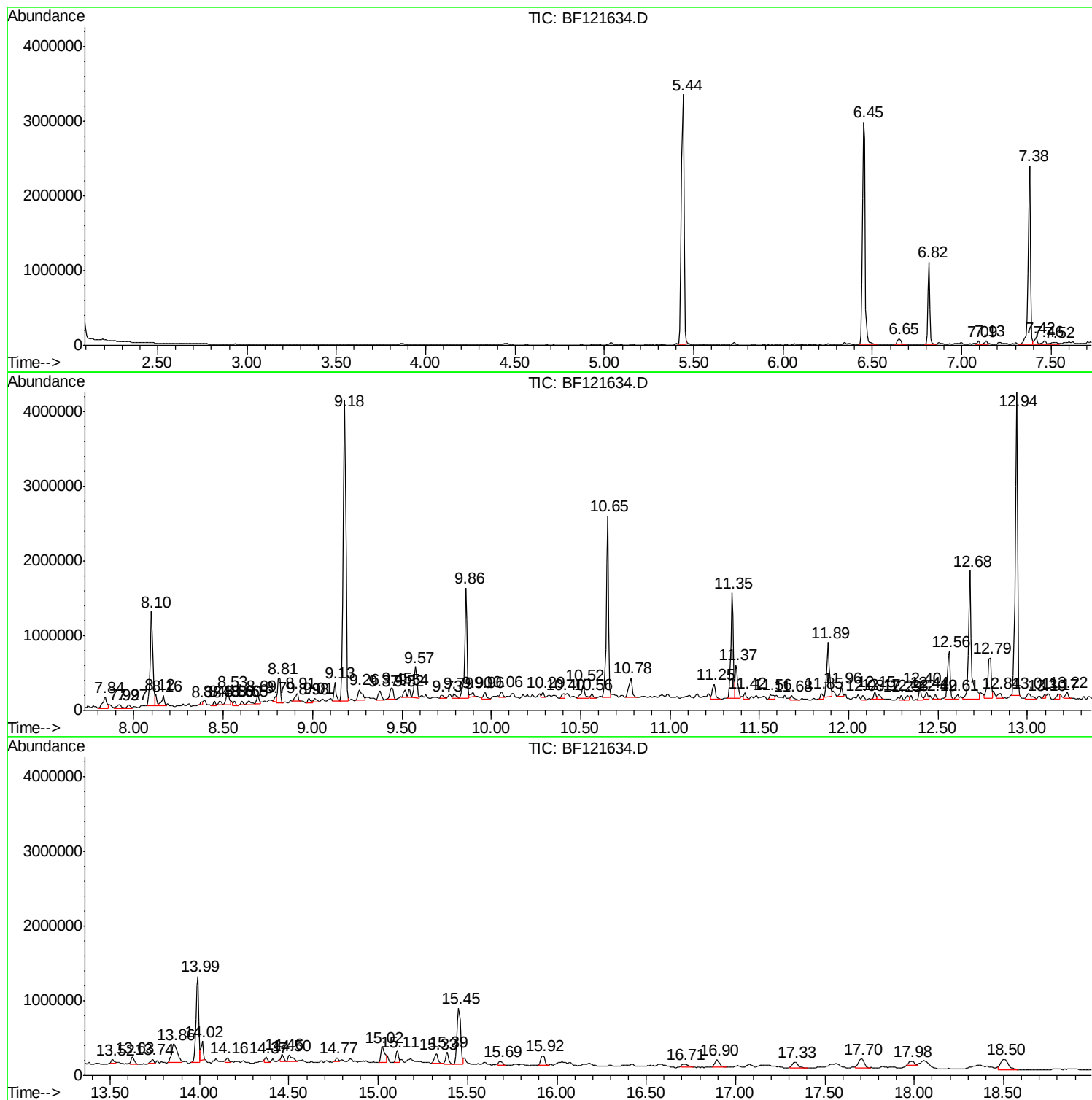
Sum of corrected areas: 40654299

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Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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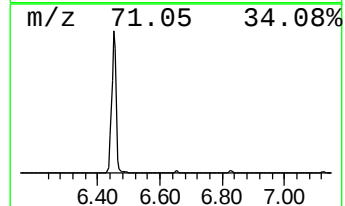
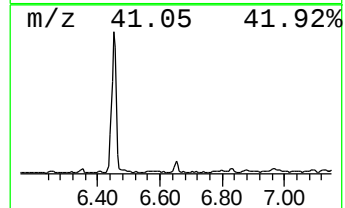
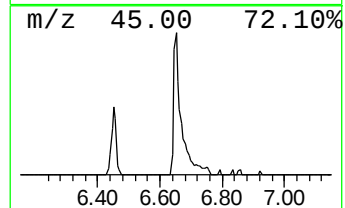
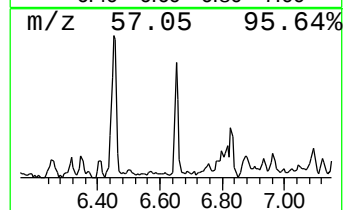
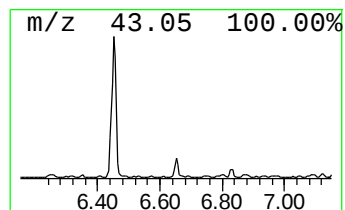
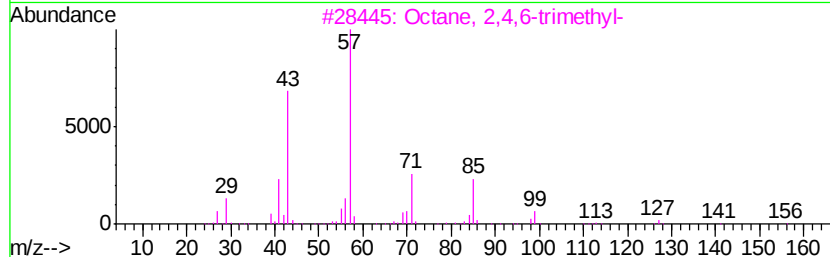
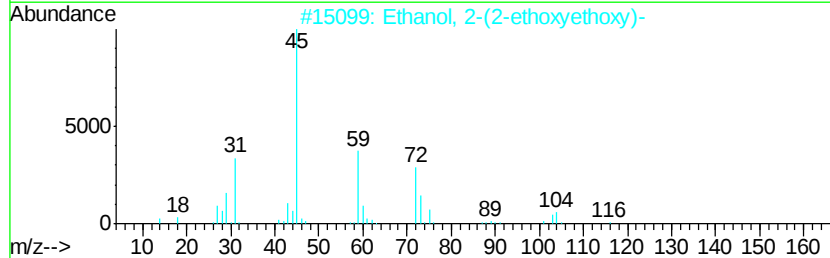
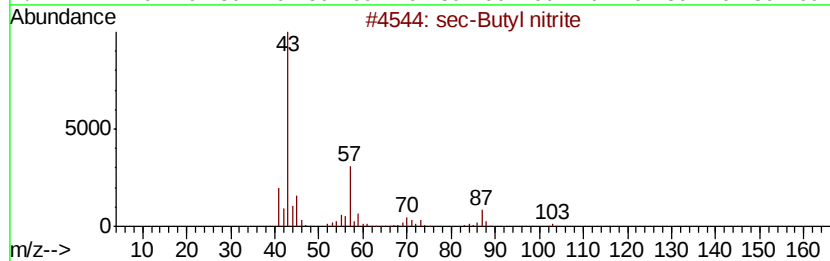
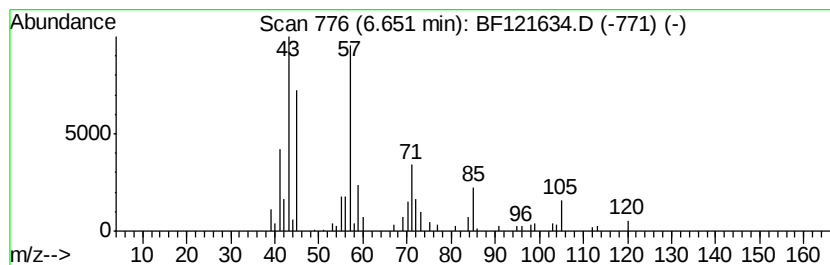
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	2.61 ng	118305	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			sec-Butyl nitrite	103	C4H9NO2	000924-43-6	43
2			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	38
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	27
4			Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	27
5			Decane	142	C10H22	000124-18-5	27



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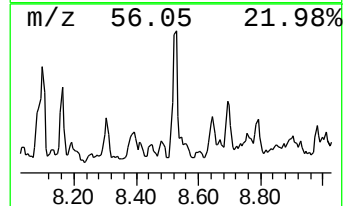
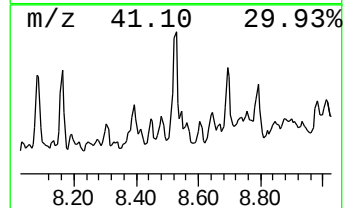
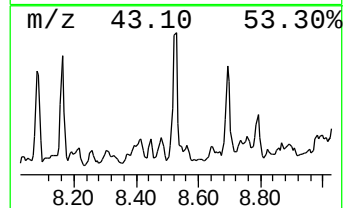
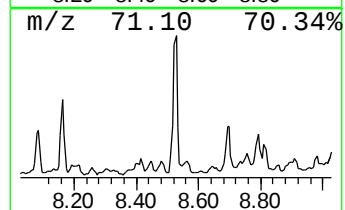
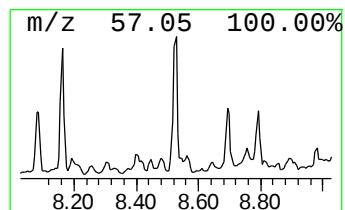
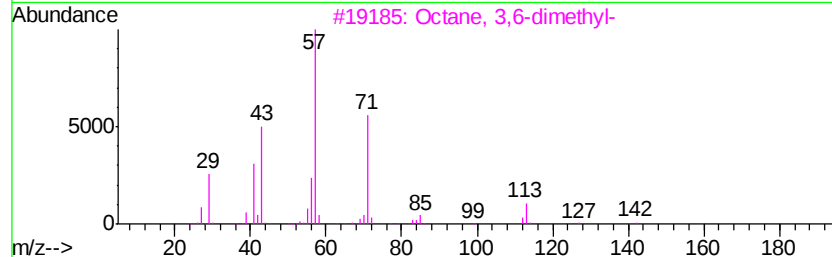
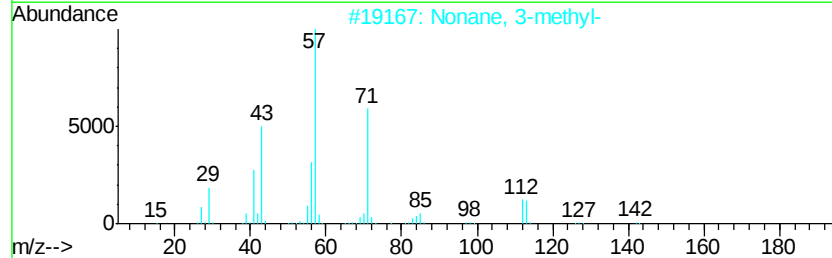
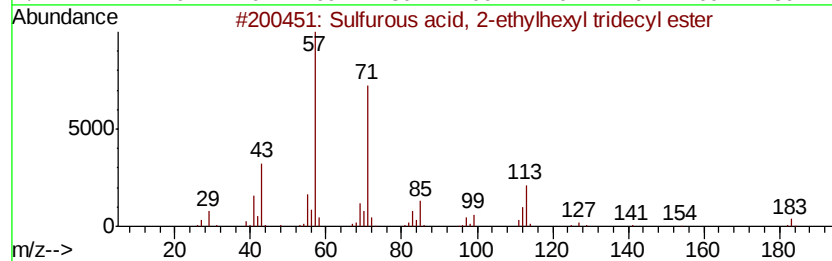
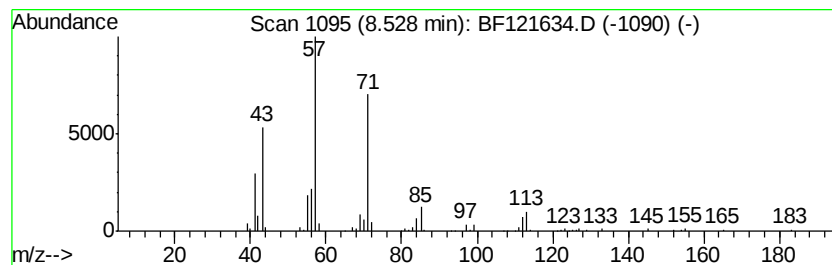
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	3.26 ng	208070	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72



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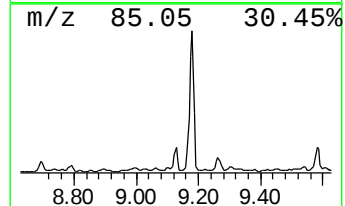
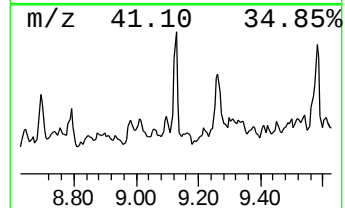
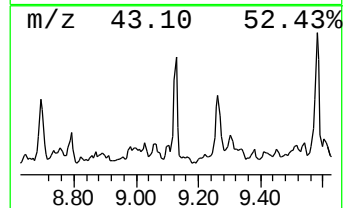
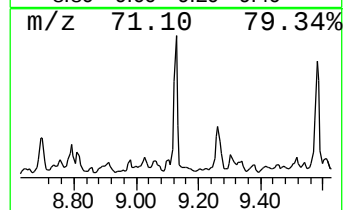
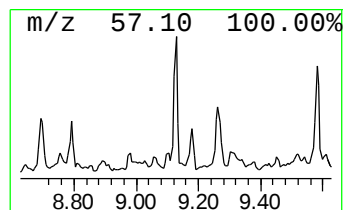
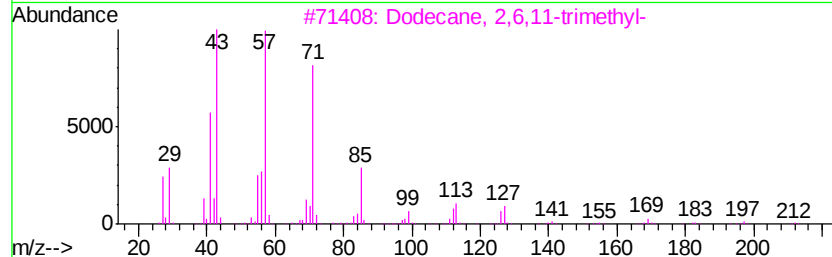
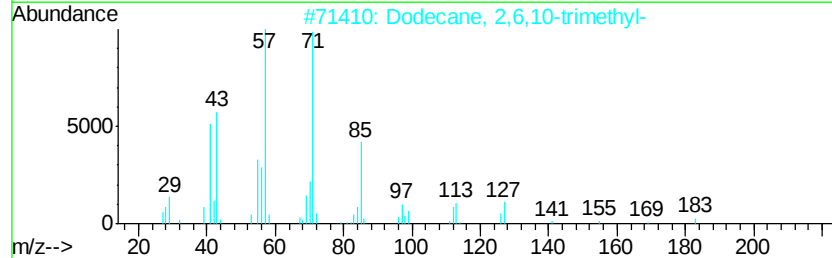
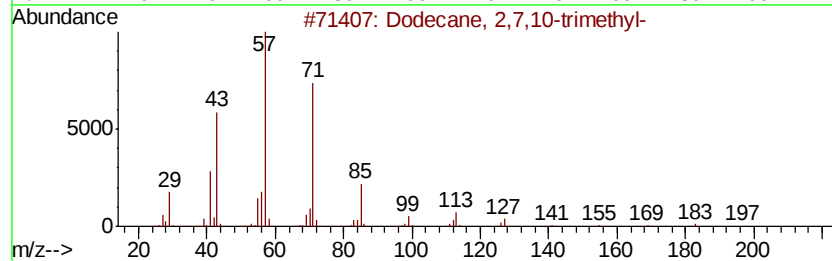
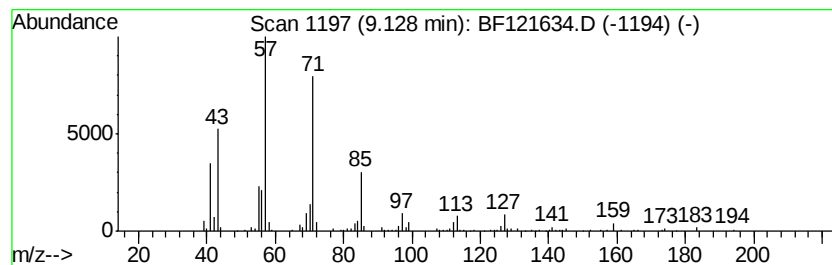
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.84 ng	198309	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



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Operator : JU/CG
Sample : L4048-01
Misc :
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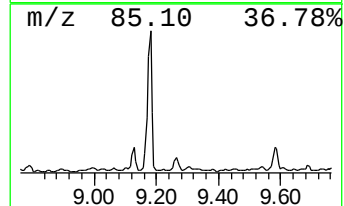
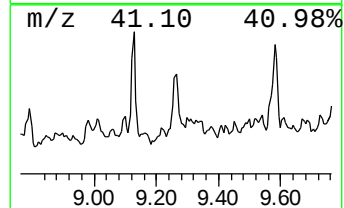
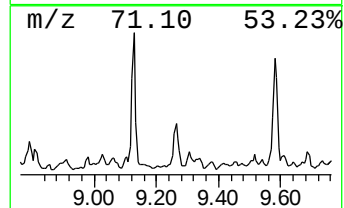
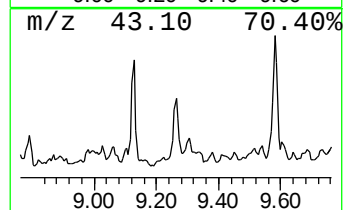
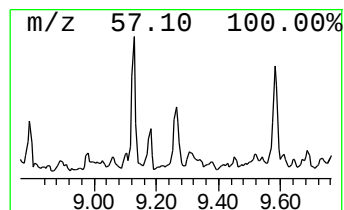
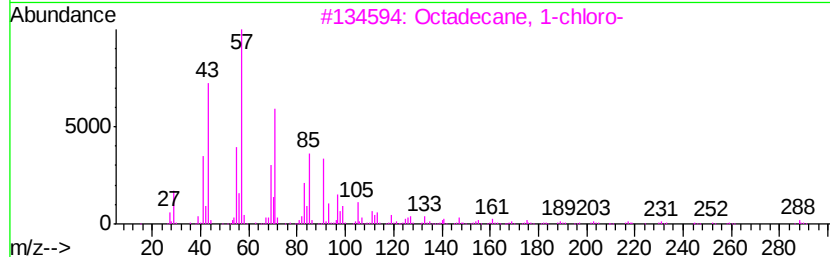
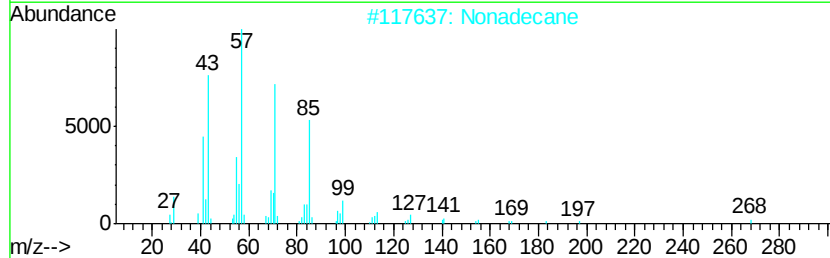
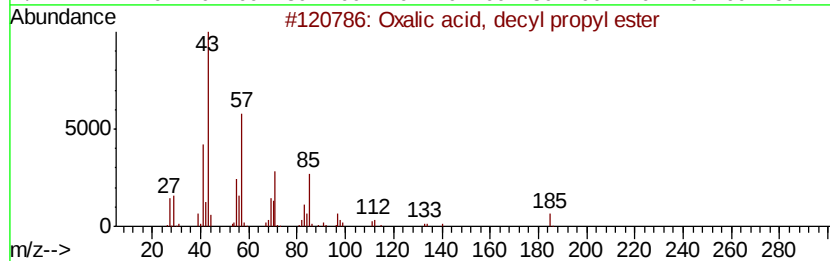
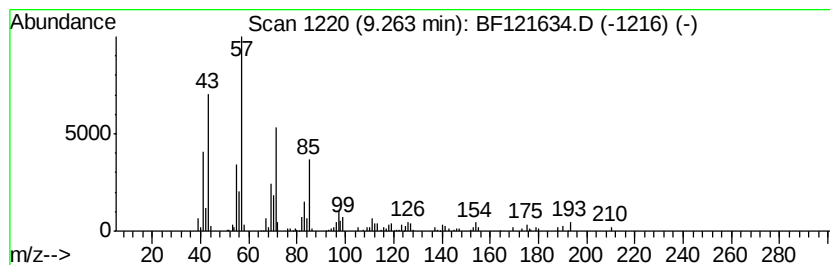
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Oxalic acid, decyl propyl e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	3.12 ng	217602	Acenaphthene-d10	9.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	80
2			Nonadecane	268	C19H40	000629-92-5	72
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
4			Tetratetracontane	619	C44H90	007098-22-8	64
5			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	64



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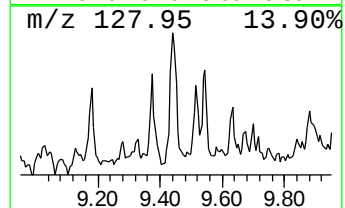
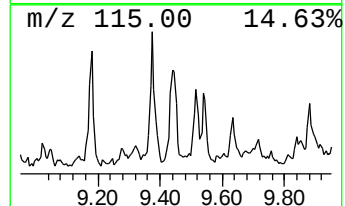
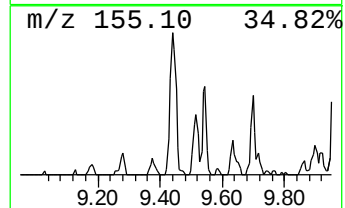
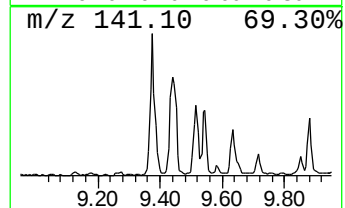
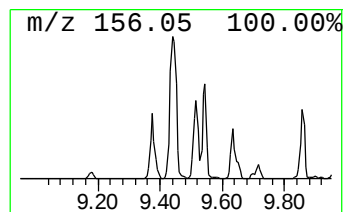
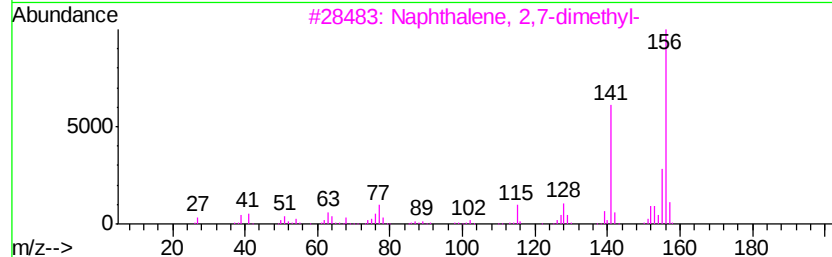
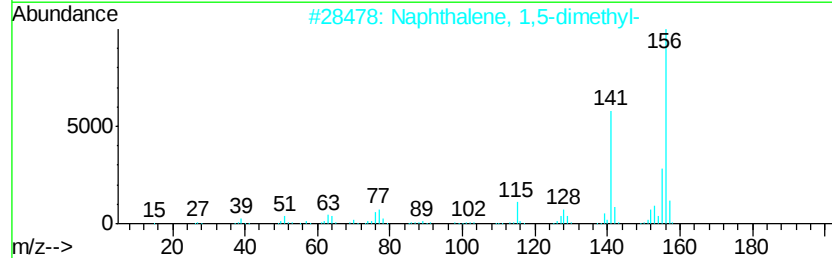
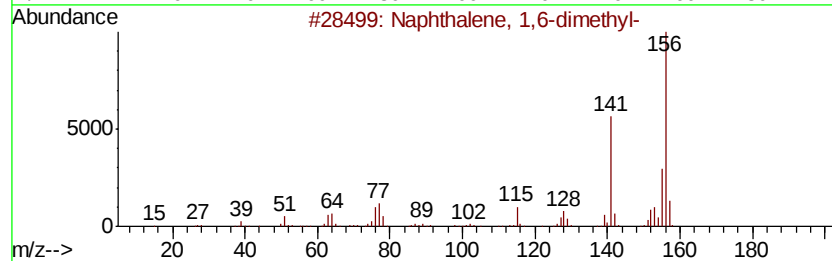
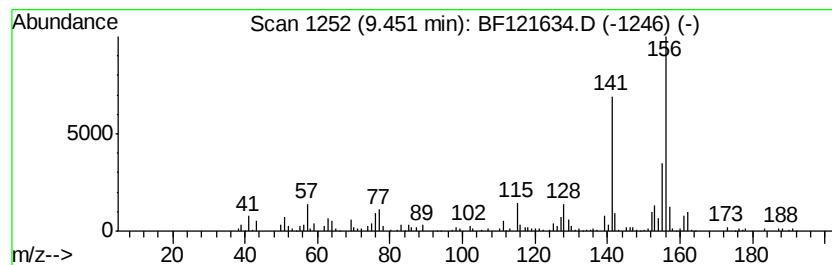
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	3.34 ng	232925	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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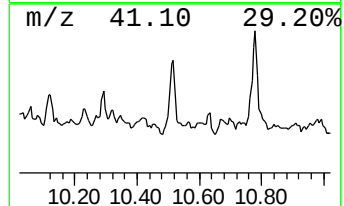
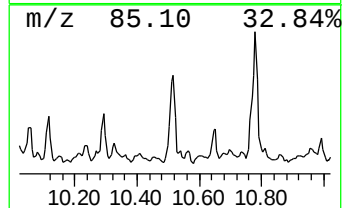
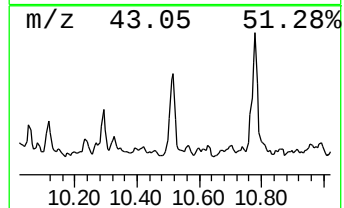
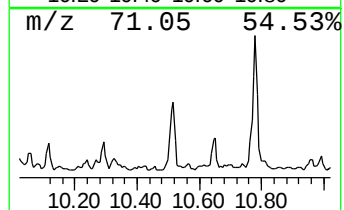
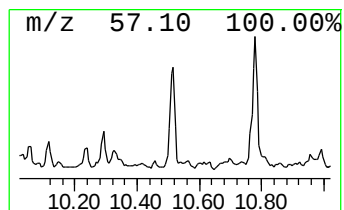
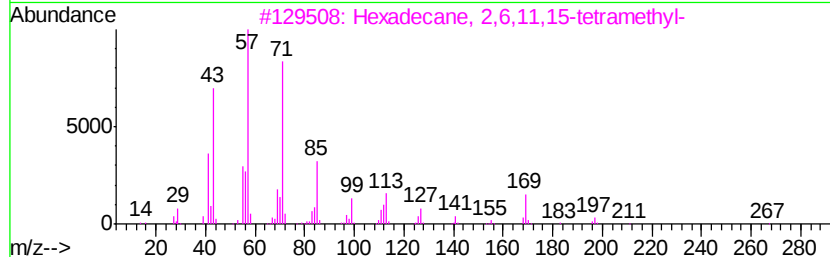
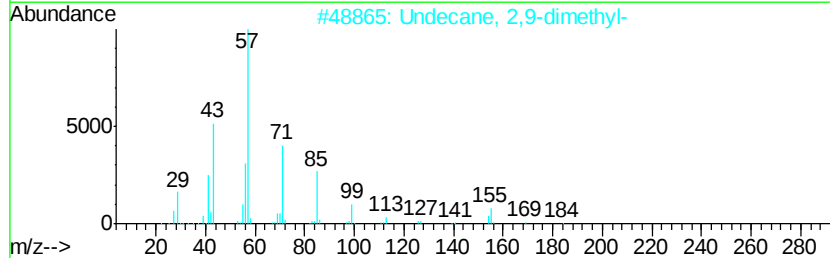
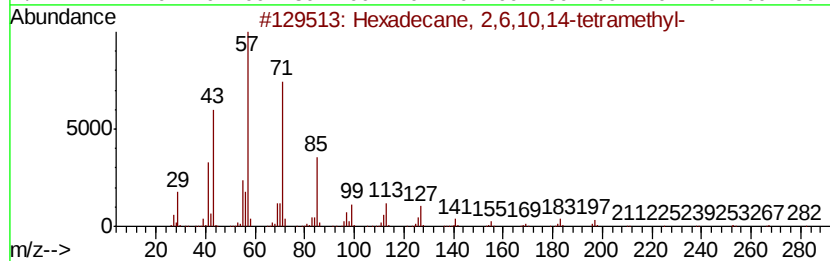
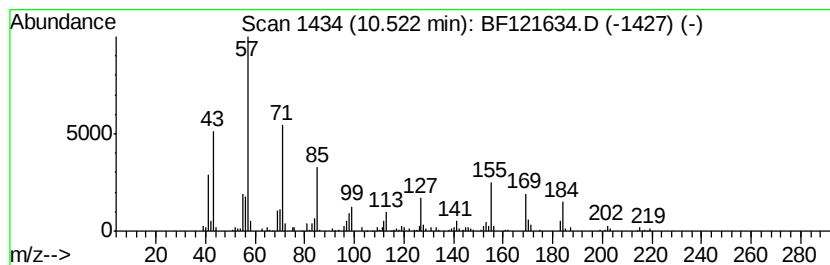
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.59 ng	250856	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
4		Tetracosane	338	C24H50	000646-31-1	58
5		Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
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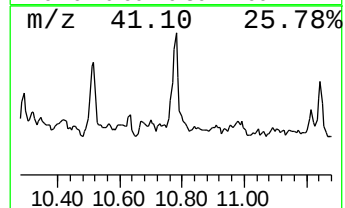
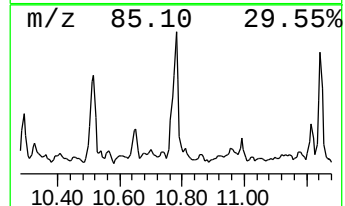
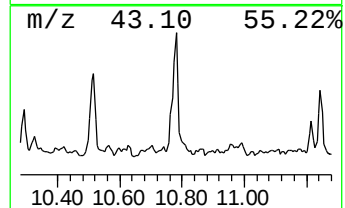
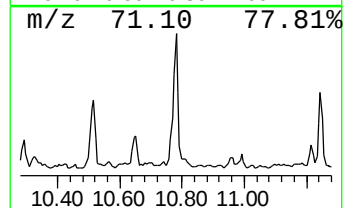
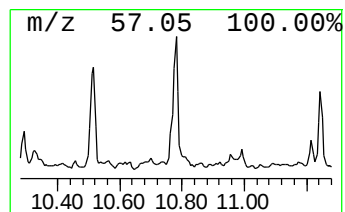
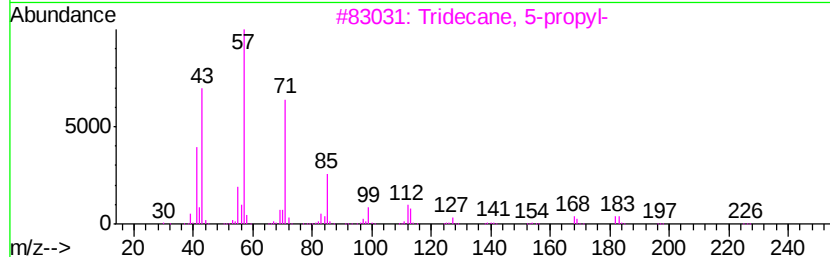
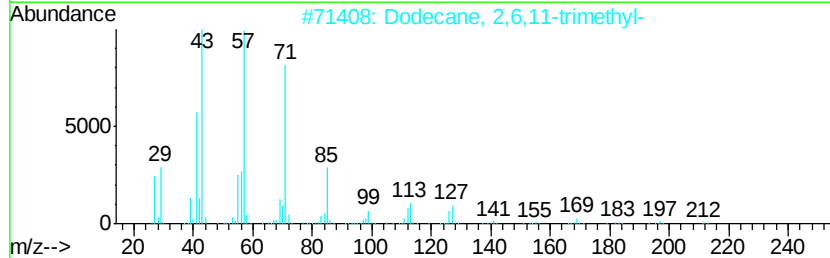
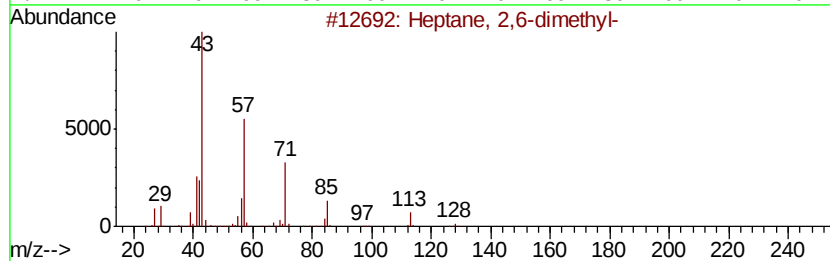
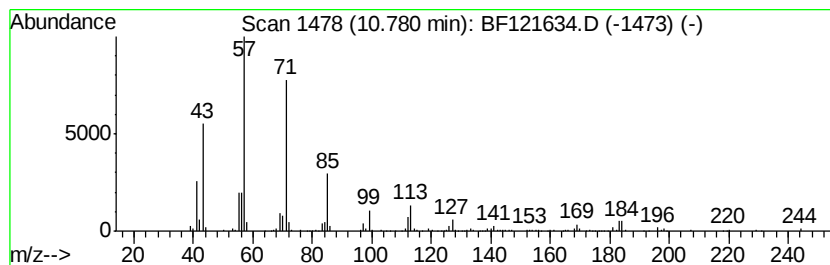
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.10 ng	349269	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
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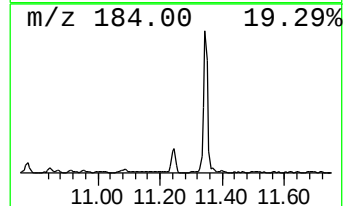
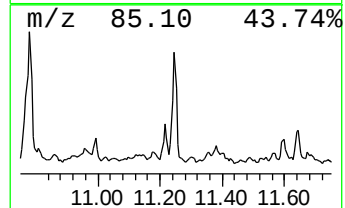
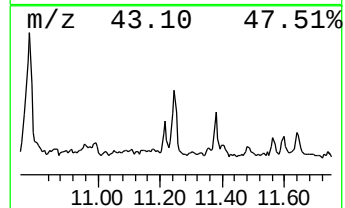
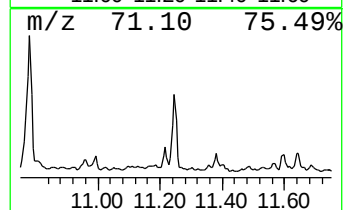
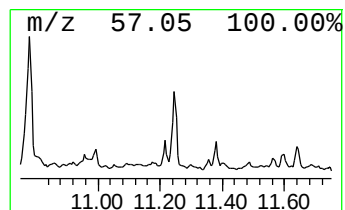
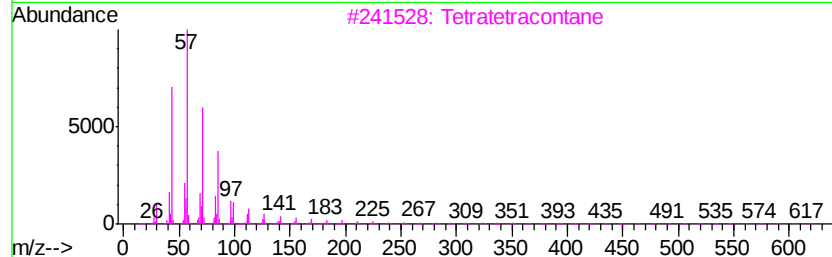
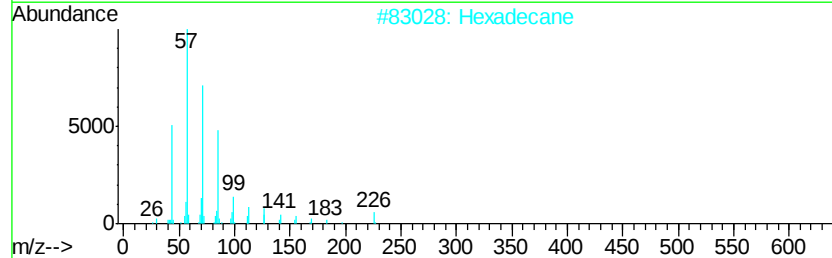
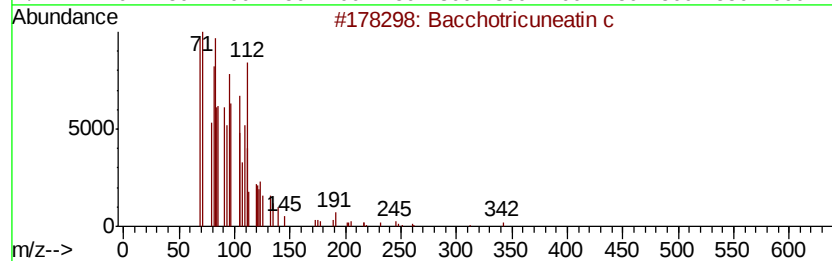
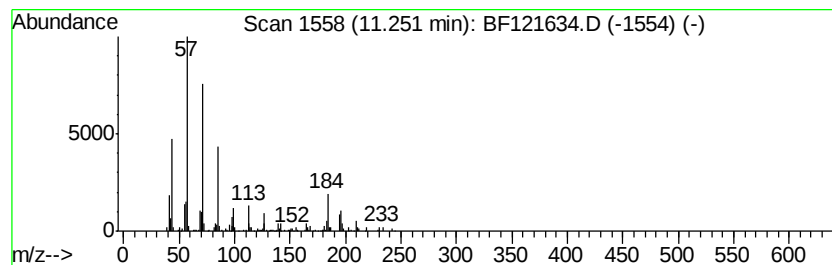
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bacchotricuneatin c Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.05 ng	208848	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Hexadecane	226	C16H34	000544-76-3	89
3		Tetratetracontane	619	C44H90	007098-22-8	64
4		Heptadecane	240	C17H36	000629-78-7	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
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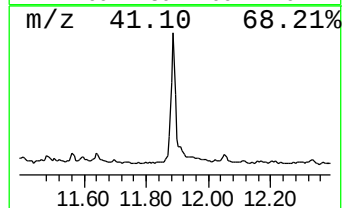
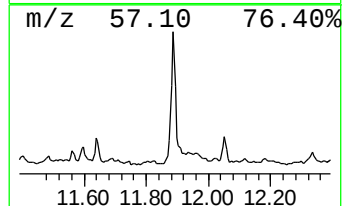
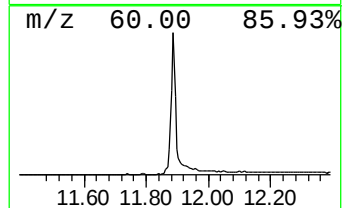
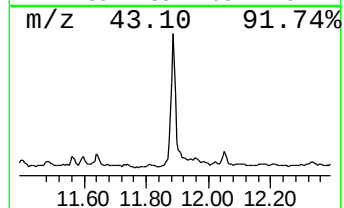
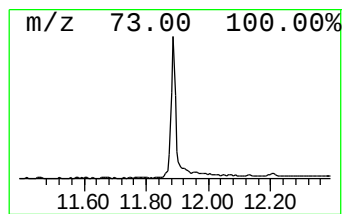
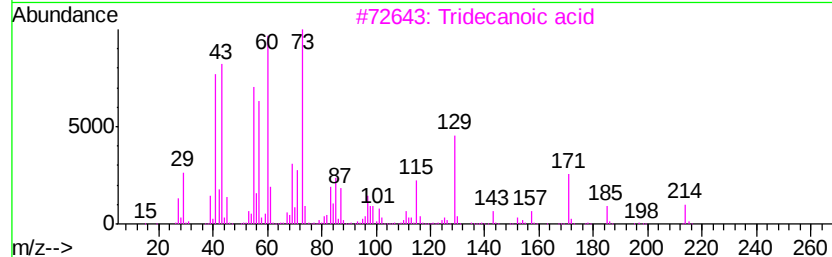
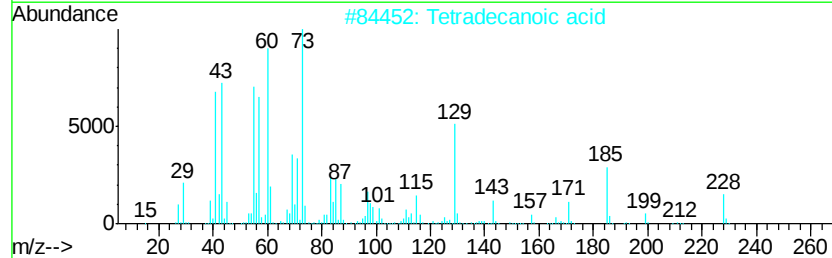
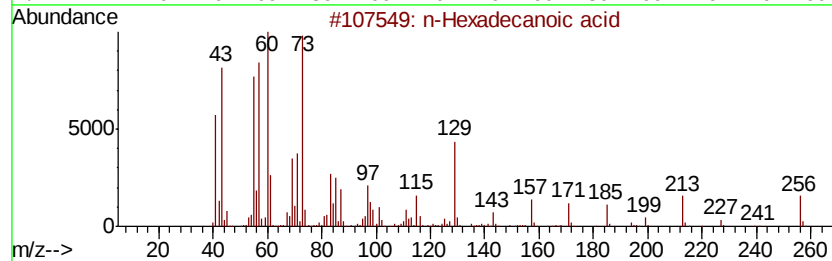
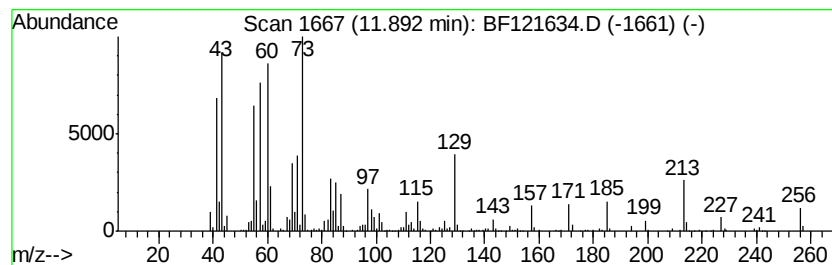
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.16 ng	764770	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
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ClientSampleId :
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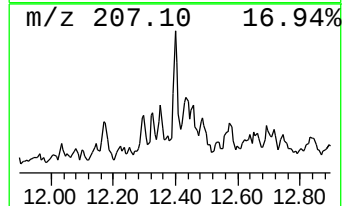
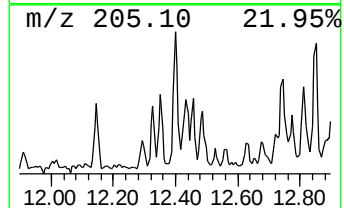
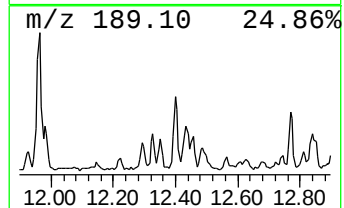
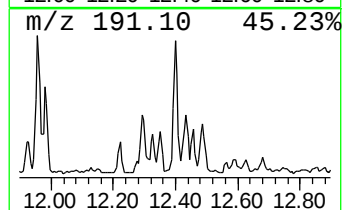
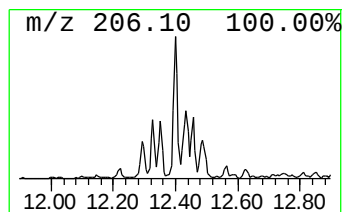
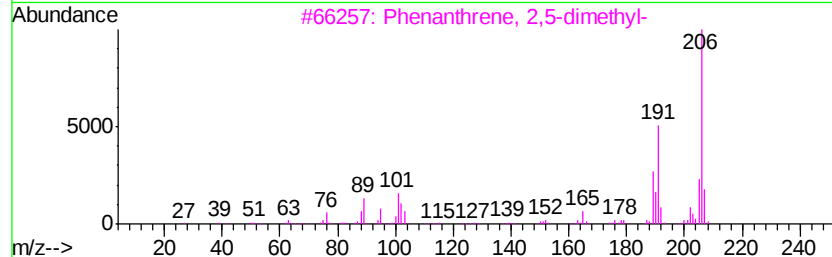
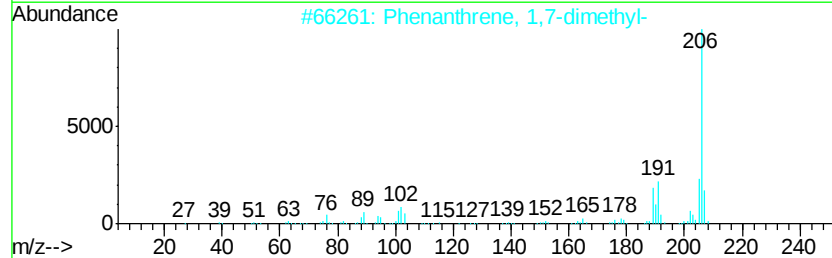
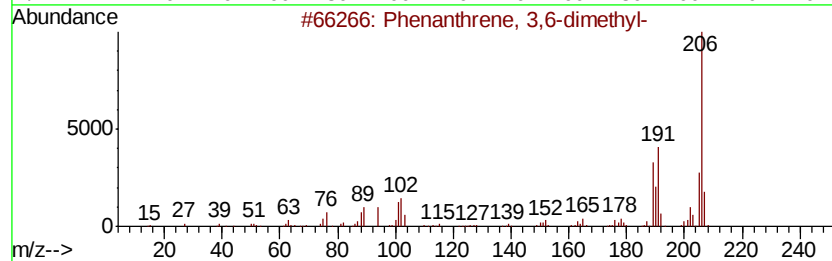
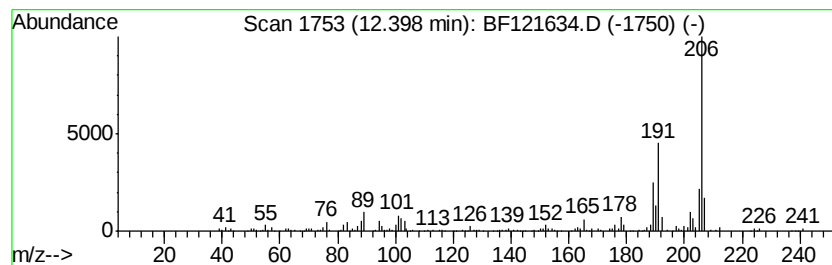
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.21 ng	151590	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
Operator : JU/CG
Sample : L4048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

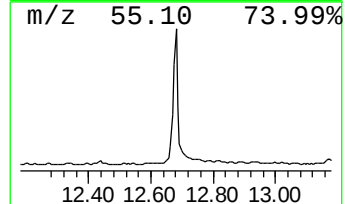
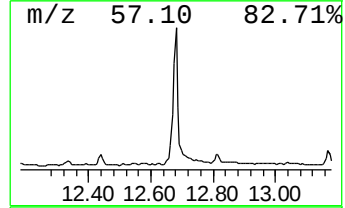
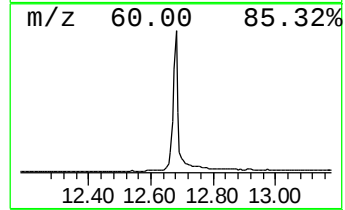
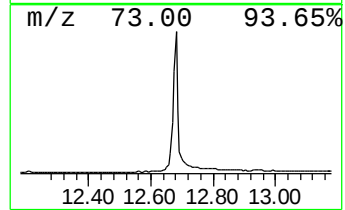
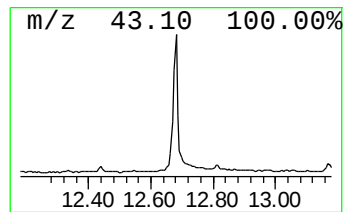
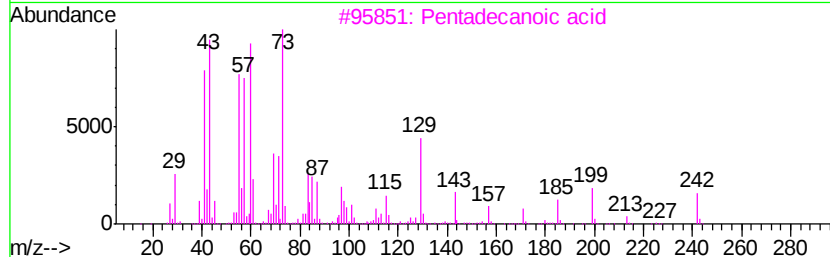
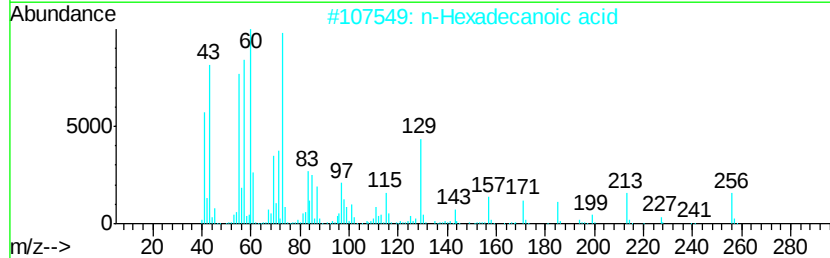
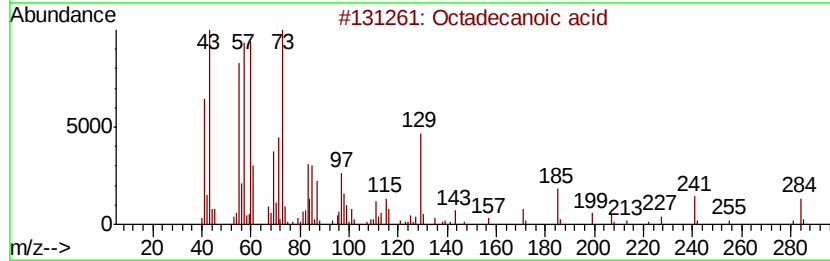
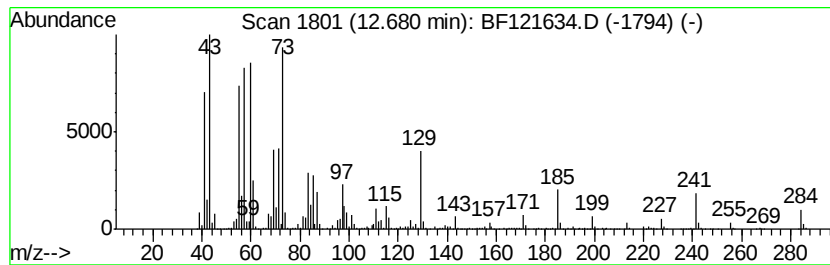
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.68	30.51 ng	2050440	Chrysene-d12		13.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
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Sample : L4048-01
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ClientSampleId :
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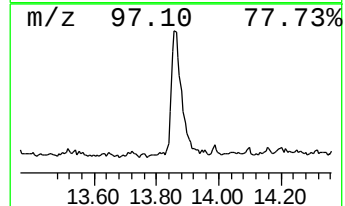
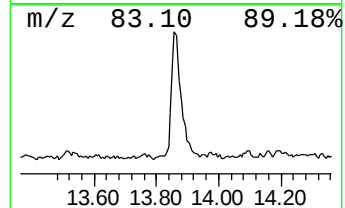
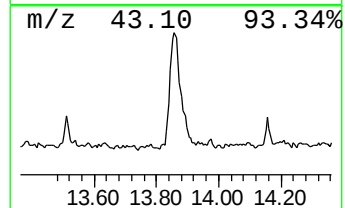
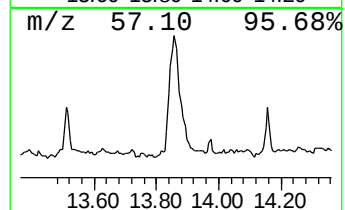
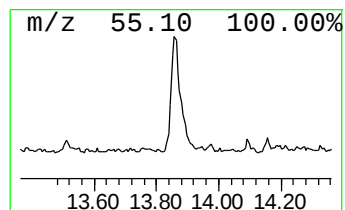
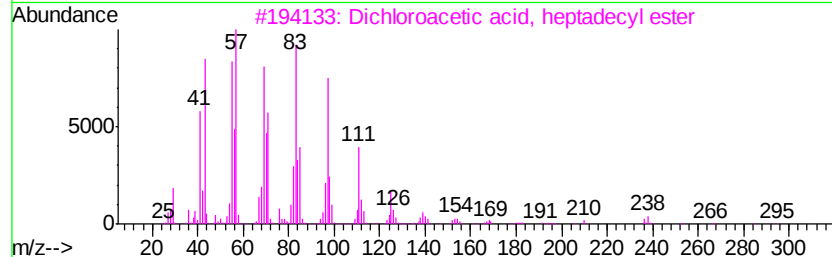
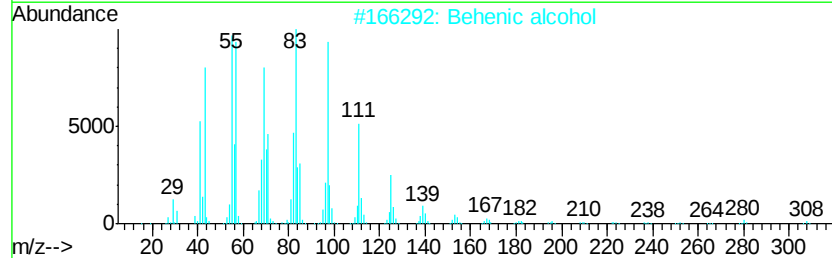
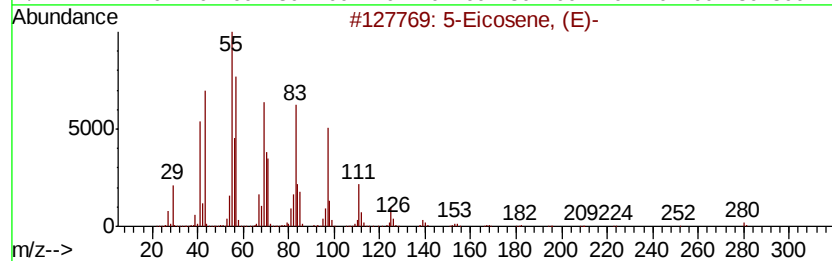
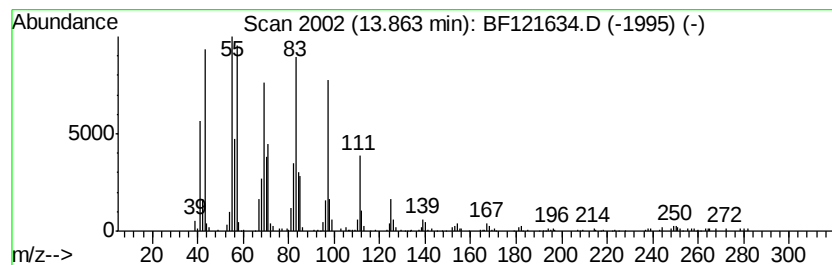
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.34 ng	560447	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
Operator : JU/CG
Sample : L4048-01
Misc :
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Instrument :
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ClientSampleId :
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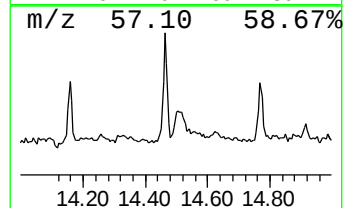
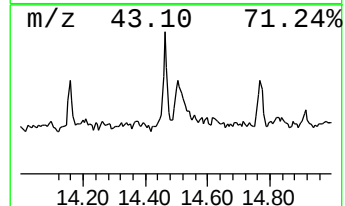
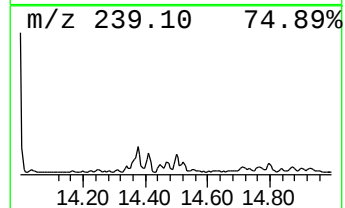
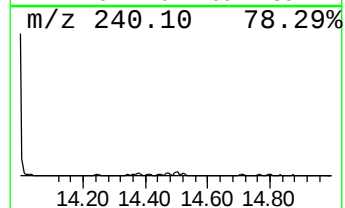
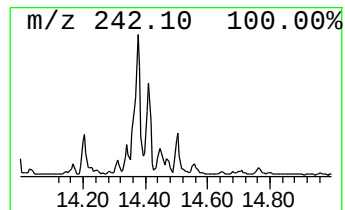
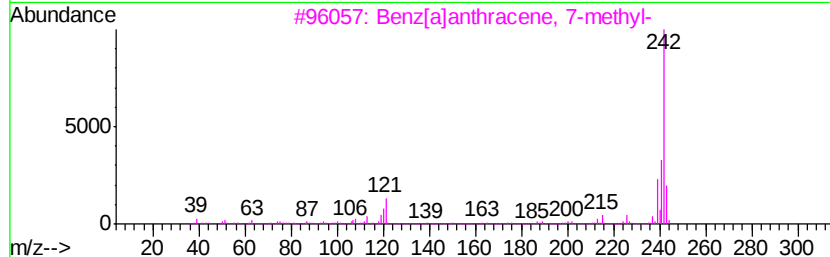
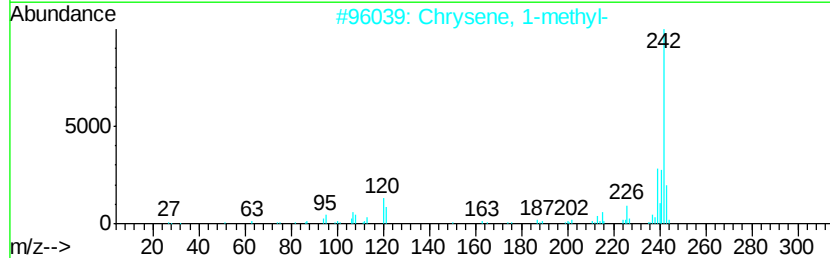
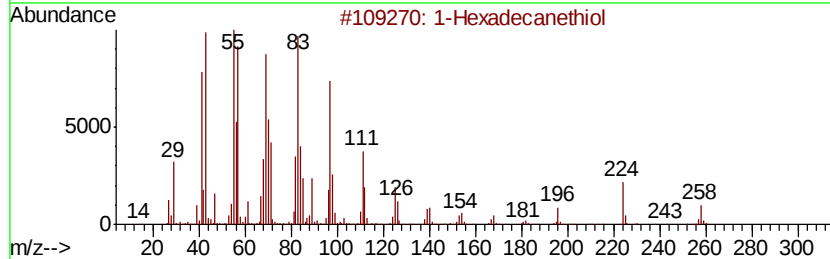
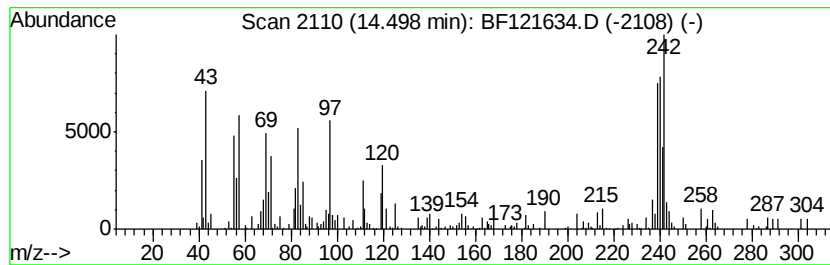
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.50 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.20 ng	147697	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanethiol	258	C16H34S	002917-26-2	49
2		Chrysene, 1-methyl-	242	C19H14	003351-28-8	38
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	38
4		Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	35
5		1-Heptacosanol	396	C27H56O	002004-39-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
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ClientSampleId :
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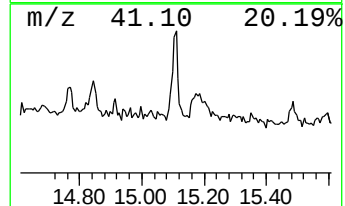
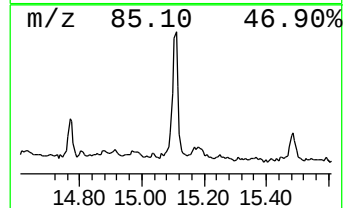
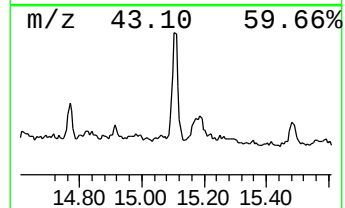
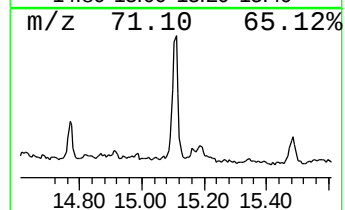
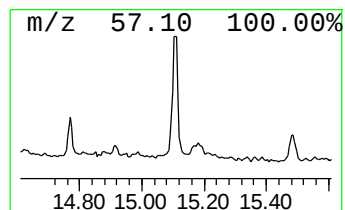
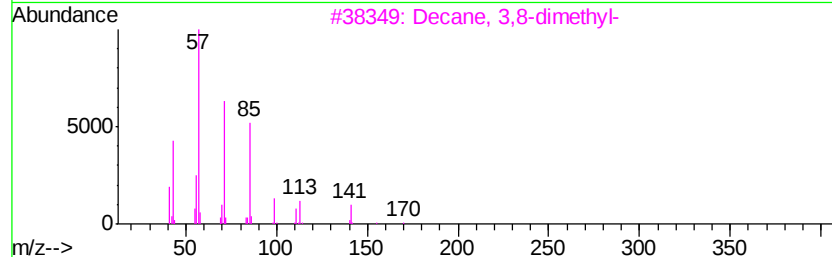
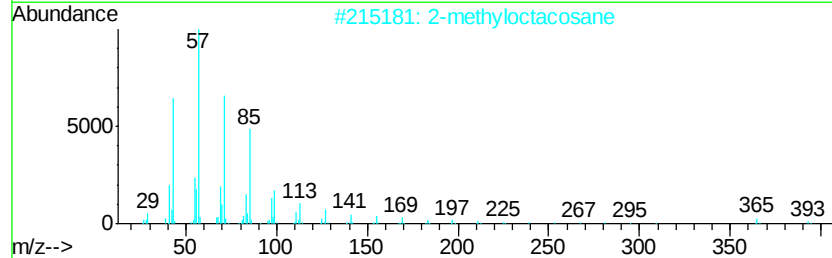
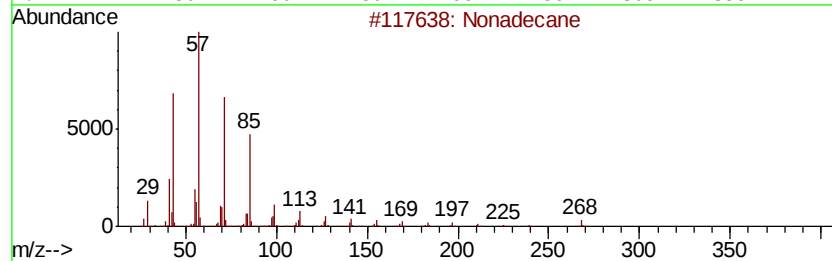
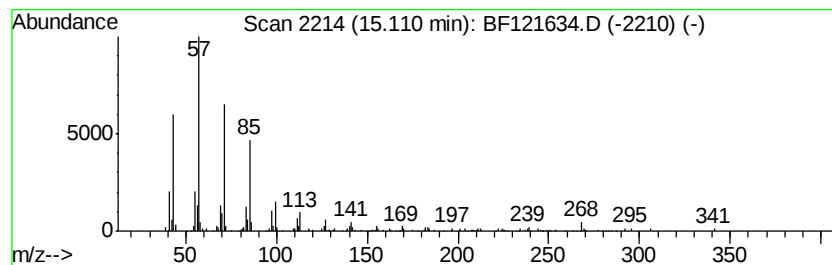
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.40 ng	166641	Perylene-d12	15.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	87
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	87
5	Dodecane		170	C12H26	000112-40-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
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Misc :
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ClientSampleId :
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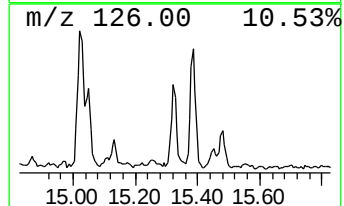
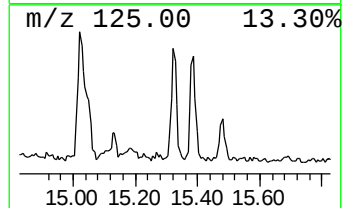
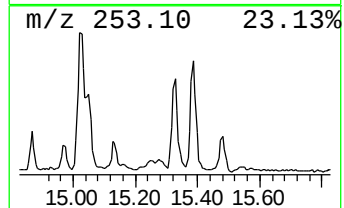
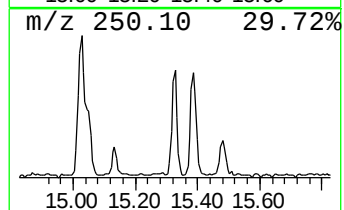
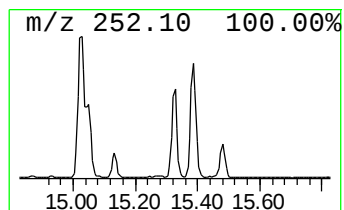
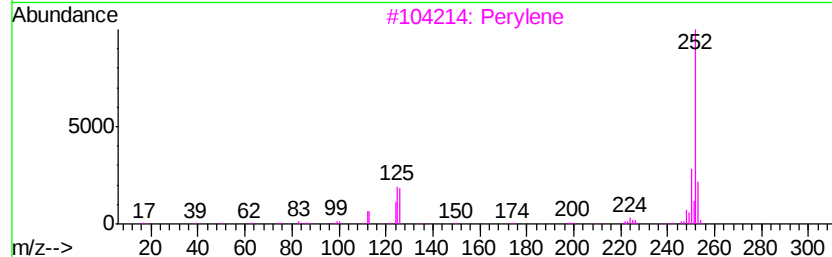
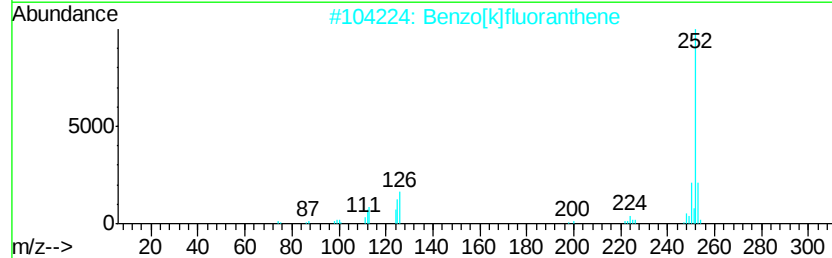
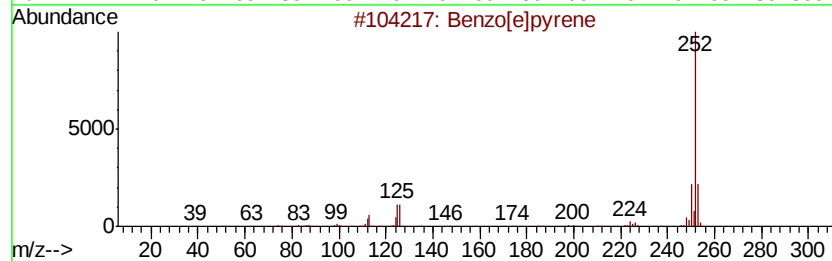
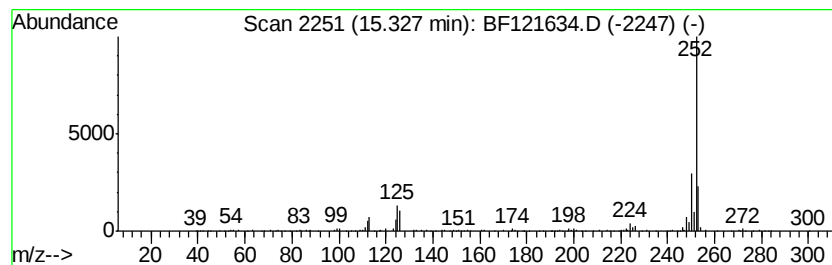
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.41 ng	166909	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
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Sample : L4048-01
Misc :
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Instrument :
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ClientSampleId :
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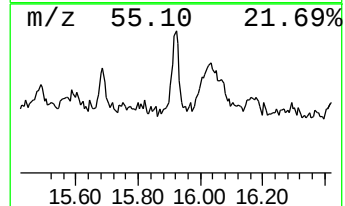
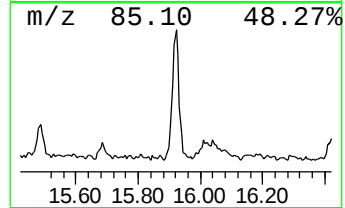
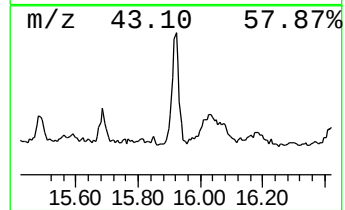
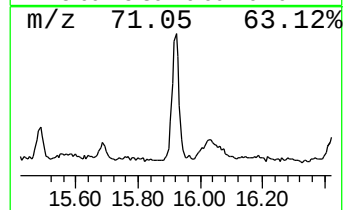
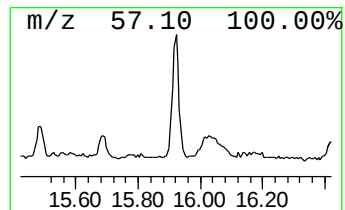
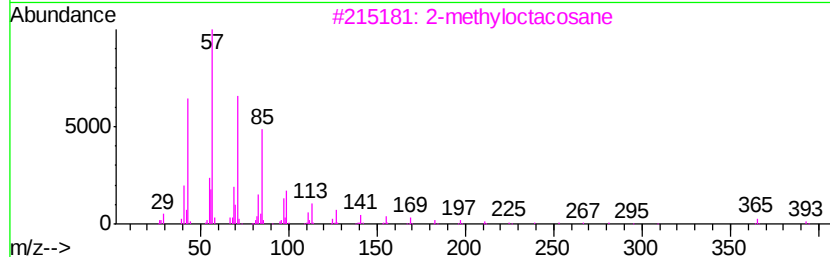
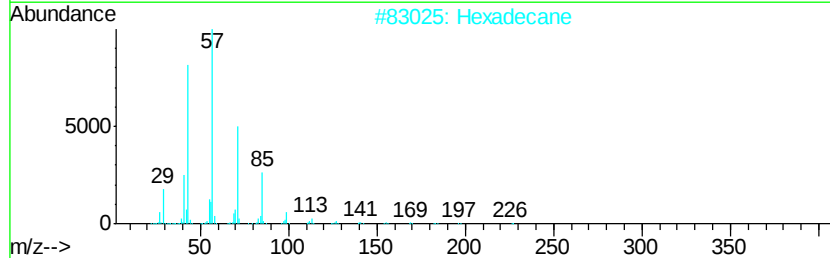
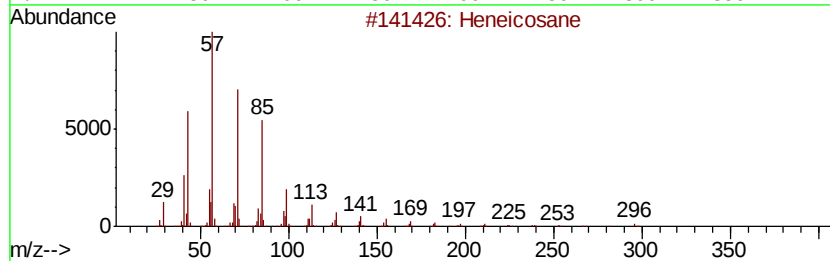
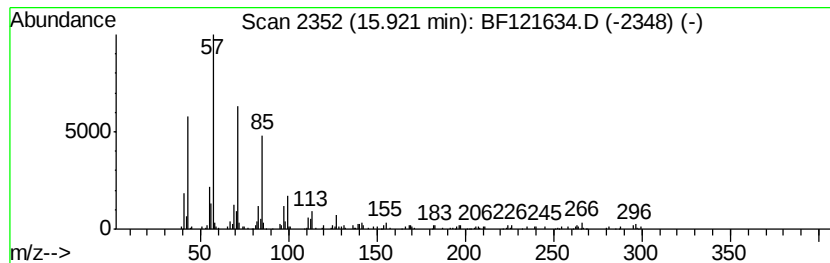
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.81 ng	186357	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		2-methyloctacosane	408	C29H60	1000376-72-8	83
4		Tetratetracontane	619	C44H90	007098-22-8	76
5		Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
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Sample : L4048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-1

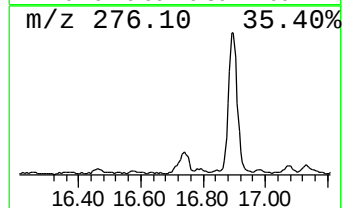
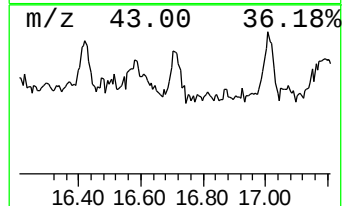
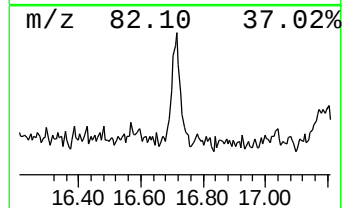
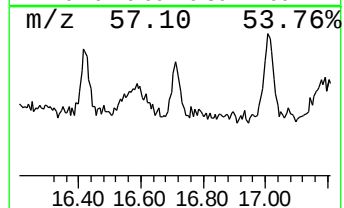
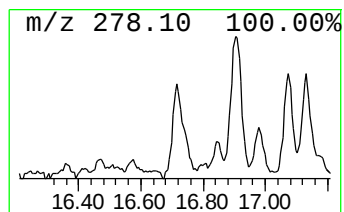
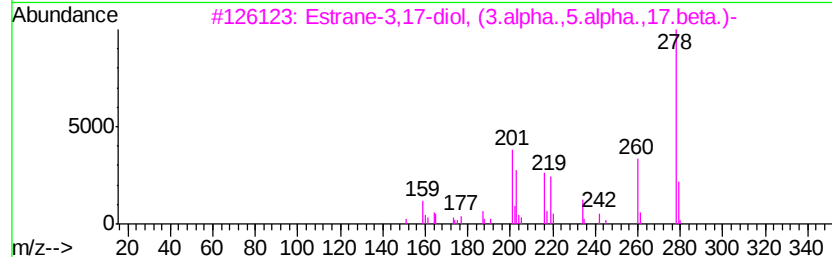
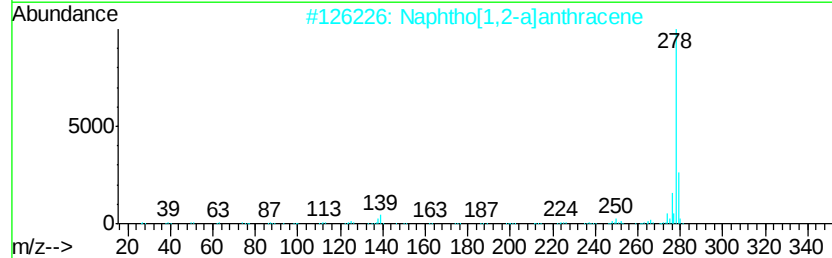
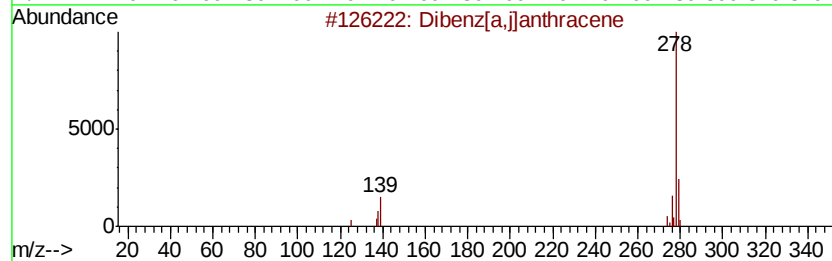
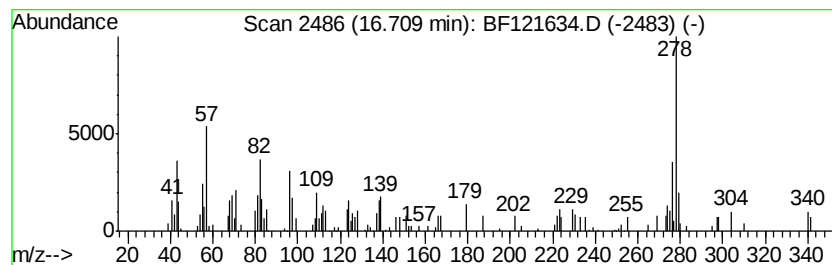
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenz[a,j]anthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	2.16 ng	105677	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz[a,i]anthracene	278	C22H14	000224-41-9	52
2		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	50
3		Estrane-3,17-diol, (3.alpha.,5.a...	278	C18H30O2	010002-95-6	47
4		Benzo[bltriphenylene	278	C22H14	000215-58-7	45
5		Pentaphene	278	C22H14	000222-93-5	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
Operator : JU/CG
Sample : L4048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

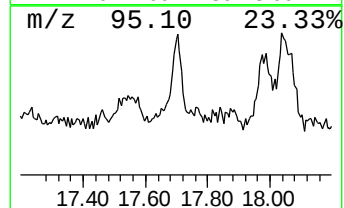
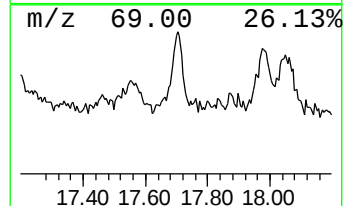
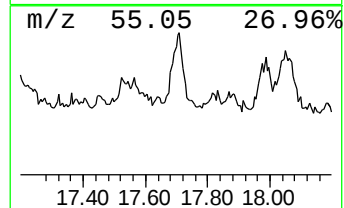
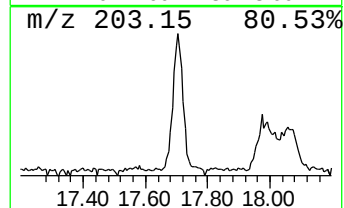
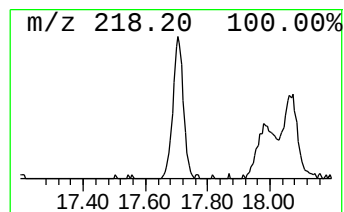
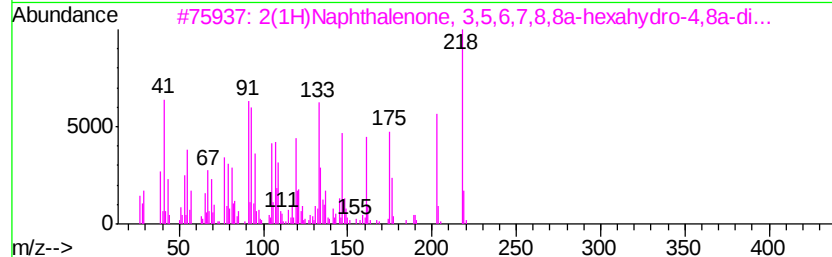
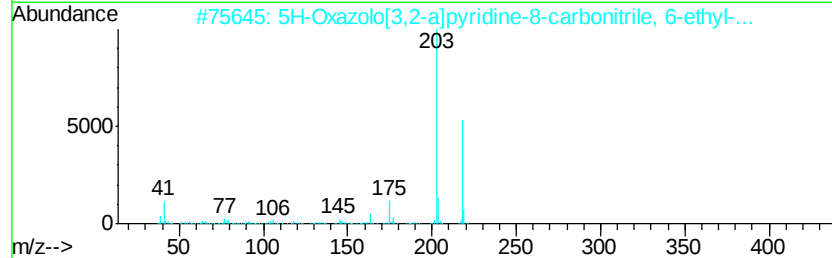
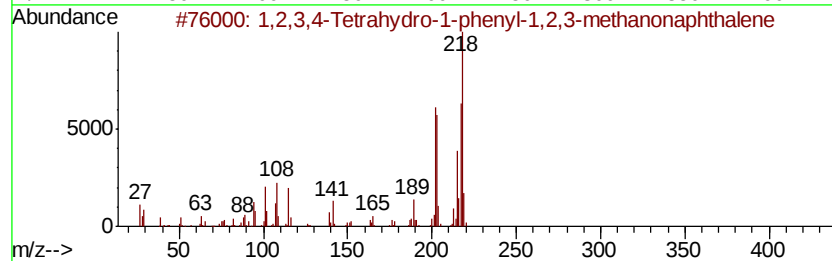
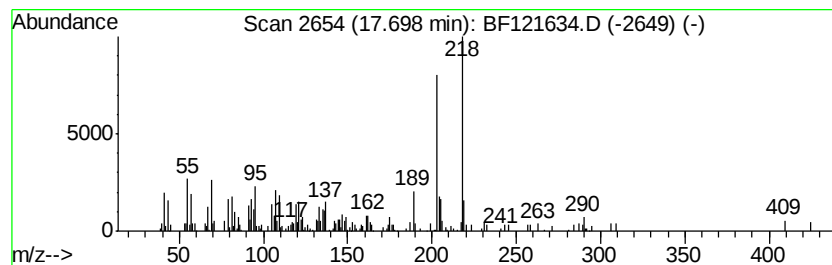
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2,3,4-Tetrahydro-1-phenyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	5.23 ng	256232	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	64
2		5H-Oxazolo[3,2-a]pyridine-8-carb...	218	C12H14N2O2	1000337-58-3	50
3		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	49
4		.alpha.-Amyrin, trimethylsilyl e...	498	C33H58OSi	1000374-76-6	43
5		9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
Operator : JU/CG
Sample : L4048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

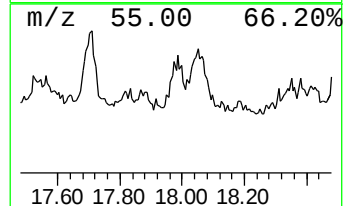
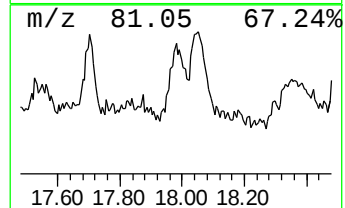
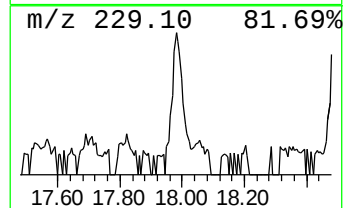
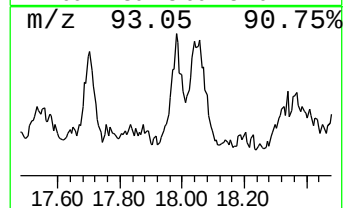
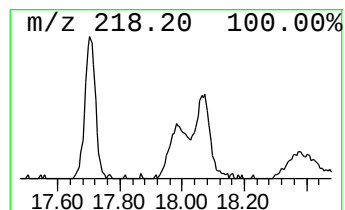
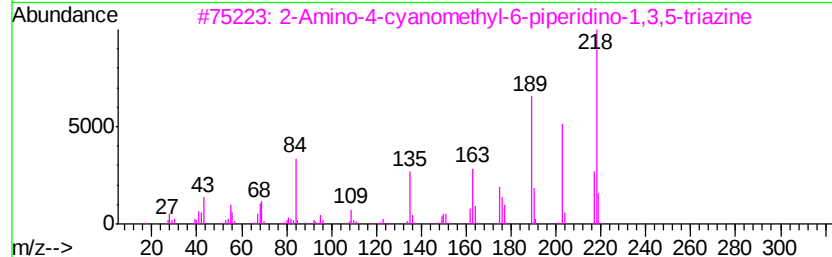
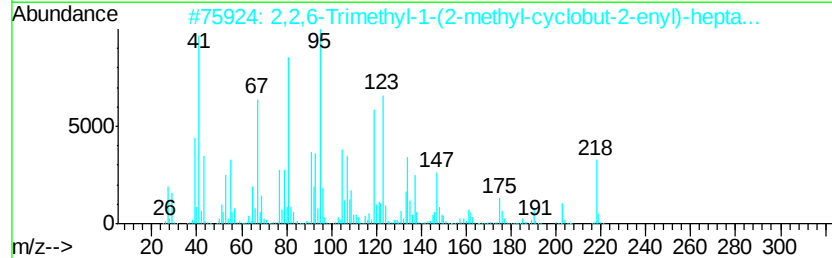
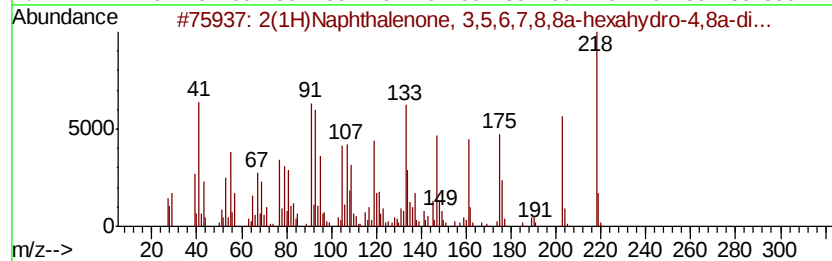
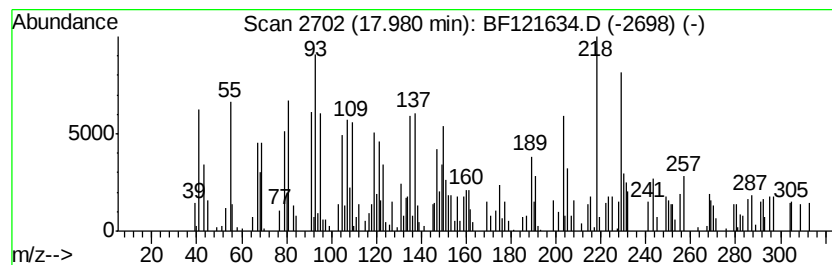
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.98 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.50 ng	122532	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)	Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	42	
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	22		
3	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	14		
4	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	14		
5	Butyramide, 3-(2-furyl)-N-phenyl-	229	C14H15N02	1000156-94-9	11		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121634.D
Acq On : 21 Sep 2020 19:08
Operator : JU/CG
Sample : L4048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

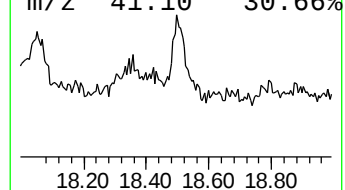
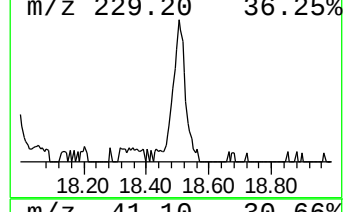
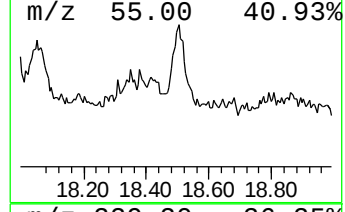
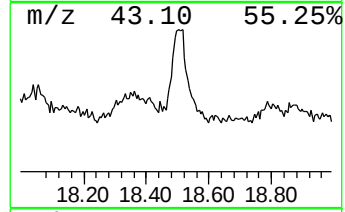
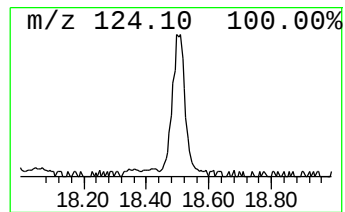
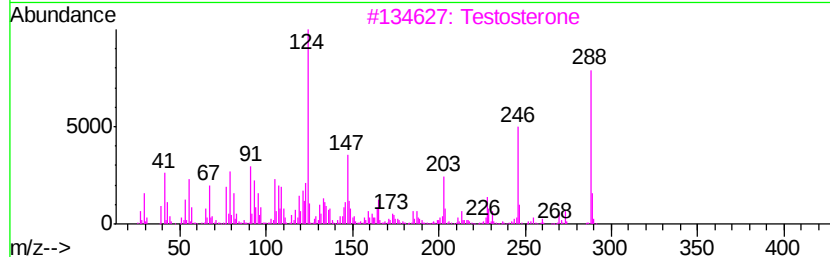
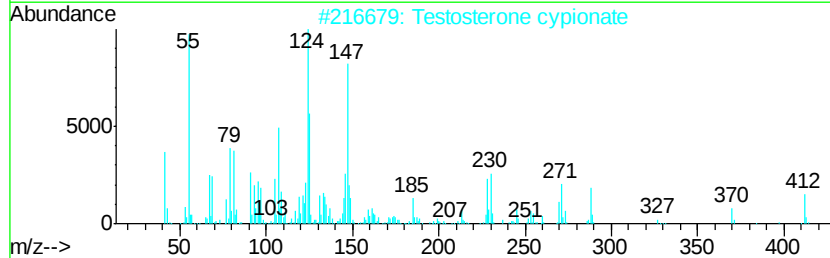
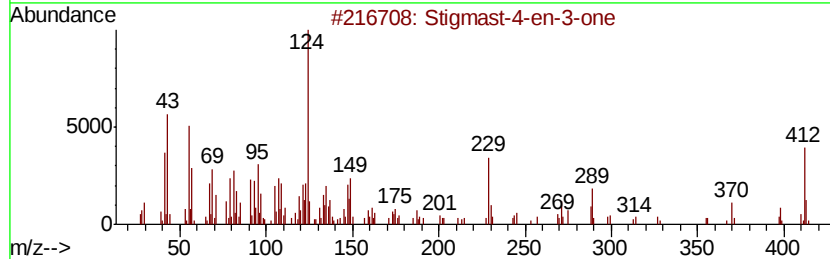
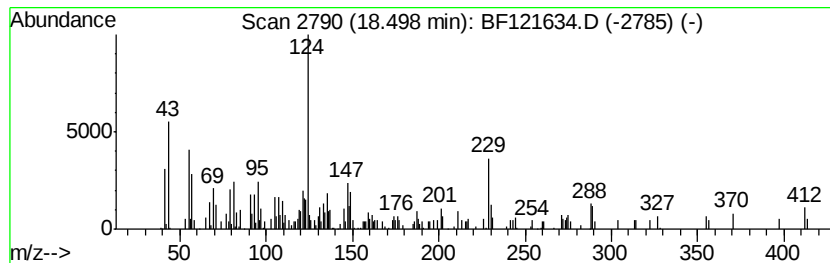
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	8.26 ng	404134	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 90
2		Testosterone cypionate	412 C27H40O3	000058-20-8 46
3		Testosterone	288 C19H28O2	000058-22-0 41
4		Androst-4-en-3-one, 17-hydroxy-,...	288 C19H28O2	000604-39-7 38
5		Pregn-4-en-3-one, 20,21-[(methyl...]	356 C22H33BO3	030882-65-6 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092120\
 Data File : BF121634.D
 Acq On : 21 Sep 2020 19:08
 Operator : JU/CG
 Sample : L4048-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
unknown6.65	6.65	2.6	ng	118305	1	6.82	905986	20.0
Sulfurous acid, 2...	8.53	3.3	ng	208070	2	8.10	1276520	20.0
Dodecane, 2,7,10-...	9.13	2.8	ng	198309	3	9.86	1396610	20.0
Oxalic acid, decy...	9.26	3.1	ng	217602	3	9.86	1396610	20.0
Naphthalene, 1,6-...	9.45	3.3	ng	232925	3	9.86	1396610	20.0
Hexadecane, 2,6,1...	10.52	3.6	ng	250856	3	9.86	1396610	20.0
Heptane, 2,6-dime...	10.78	5.1	ng	349269	4	11.35	1370290	20.0
Bacchotricuneatin c	11.25	3.0	ng	208848	4	11.35	1370290	20.0
n-Hexadecanoic acid	11.89	11.2	ng	764770	4	11.35	1370290	20.0
Phenanthrene, 3,6...	12.40	2.2	ng	151590	4	11.35	1370290	20.0
Octadecanoic acid	12.68	30.5	ng	2050440	5	13.99	1344160	20.0
5-Eicosene, (E)-	13.86	8.3	ng	560447	5	13.99	1344160	20.0
unknown14.50	14.50	2.2	ng	147697	5	13.99	1344160	20.0
Nonadecane	15.11	3.4	ng	166641	6	15.45	978952	20.0
Benzo[e]pyrene	15.33	3.4	ng	166909	6	15.45	978952	20.0
Heneicosane	15.92	3.8	ng	186357	6	15.45	978952	20.0
Dibenz[a,j]anthra...	16.71	2.2	ng	105677	6	15.45	978952	20.0
1,2,3,4-Tetrahydr...	17.70	5.2	ng	256232	6	15.45	978952	20.0
unknown17.98	17.98	2.5	ng	122532	6	15.45	978952	20.0
Stigmast-4-en-3-one	18.50	8.3	ng	404134	6	15.45	978952	20.0