

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112951.D
 Acq On : 8 Mar 2019 18:22
 Operator : JU/SJ
 Sample : K1693-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-030719-B

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-BF022719.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	3.081	166	169	180	rBV	73718	189975	9.20%	0.535%
2	5.334	548	552	564	rBV	1896390	1839626	89.12%	5.185%
3	6.269	708	711	714	rBV3	58483	62105	3.01%	0.175%
4	6.363	723	727	733	rBV	2091947	1912297	92.64%	5.390%
5	6.498	746	750	753	rBV	2199559	1969608	95.41%	5.552%
6	6.581	758	764	766	rBV4	55629	64495	3.12%	0.182%
7	6.728	786	789	792	rBV	1305736	1042178	50.49%	2.938%
8	6.757	792	794	798	rVB2	108424	92726	4.49%	0.261%
9	6.887	812	816	819	rBV	1834025	1533202	74.27%	4.322%
10	7.010	835	837	842	rVB2	70497	85344	4.13%	0.241%
11	7.128	855	857	860	rBV	112944	92329	4.47%	0.260%
12	7.287	875	884	891	rBV	1312647	1329455	64.40%	3.747%
13	7.339	891	893	896	rVV	146994	134501	6.52%	0.379%
14	7.387	896	901	904	rVV5	84847	125284	6.07%	0.353%
15	7.457	910	913	917	rVV3	60492	70606	3.42%	0.199%
16	7.539	921	927	932	rVB4	100779	195546	9.47%	0.551%
17	7.657	941	947	952	rVB6	124054	220077	10.66%	0.620%
18	7.757	959	964	966	rVV4	73976	108105	5.24%	0.305%
19	7.781	966	968	973	rVB4	59742	66107	3.20%	0.186%
20	7.851	977	980	983	rVB3	71991	82842	4.01%	0.234%
21	8.010	1003	1007	1015	rVV	1691428	1678736	81.32%	4.732%
22	8.086	1018	1020	1023	rVV	210054	200749	9.72%	0.566%
23	8.110	1023	1024	1028	rVV4	56976	60384	2.93%	0.170%
24	8.228	1039	1044	1047	rVB2	84231	92666	4.49%	0.261%
25	8.310	1054	1058	1061	rBV5	92224	117247	5.68%	0.330%
26	8.404	1070	1074	1078	rVB6	84733	104037	5.04%	0.293%
27	8.451	1078	1082	1086	rBV2	295925	340594	16.50%	0.960%
28	8.522	1091	1094	1097	rVB3	73584	71679	3.47%	0.202%
29	8.563	1098	1101	1106	rBV3	86387	97654	4.73%	0.275%
30	8.616	1107	1110	1115	rBV6	96642	120454	5.84%	0.340%
31	8.722	1124	1128	1132	rVB3	189511	228276	11.06%	0.643%
32	8.822	1142	1145	1152	rVB2	126225	157927	7.65%	0.445%
33	8.898	1155	1158	1160	rBV4	62566	60698	2.94%	0.171%
34	9.045	1180	1183	1186	rVB	277579	222015	10.76%	0.626%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112951.D
 Acq On : 8 Mar 2019 18:22
 Operator : JU/SJ
 Sample : K1693-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-030719-B

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-BF022719.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.086	1186	1190	1196	rBV	2334799	2064284	100.00%	5.819%
36	9.181	1201	1206	1209	rBV5	105886	159676	7.74%	0.450%
37	9.345	1231	1234	1241	rBV5	41703	79218	3.84%	0.223%
38	9.422	1245	1247	1249	rVV	77580	71841	3.48%	0.202%
39	9.445	1249	1251	1254	rVB2	66351	65244	3.16%	0.184%
40	9.475	1254	1256	1258	rBV	201738	199755	9.68%	0.563%
41	9.498	1258	1260	1263	rVB	195468	158884	7.70%	0.448%
42	9.622	1277	1281	1284	rBV	162431	177579	8.60%	0.501%
43	9.757	1300	1304	1308	rBV	1457145	1447369	70.11%	4.080%
44	9.963	1337	1339	1343	rVB2	66416	65353	3.17%	0.184%
45	10.080	1354	1359	1361	rBV3	55124	80919	3.92%	0.228%
46	10.304	1394	1397	1403	rVB3	79001	106842	5.18%	0.301%
47	10.422	1413	1417	1420	rVB2	94664	98172	4.76%	0.277%
48	10.539	1433	1437	1443	rBV	1224104	1197601	58.02%	3.376%
49	10.686	1460	1462	1467	rVB	130778	130115	6.30%	0.367%
50	10.851	1486	1490	1492	rBV3	47404	62377	3.02%	0.176%
51	10.880	1492	1495	1497	rVV2	60035	65766	3.19%	0.185%
52	10.998	1510	1515	1519	rVV4	42133	70447	3.41%	0.199%
53	11.133	1533	1538	1539	rVV3	61716	83865	4.06%	0.236%
54	11.151	1539	1541	1544	rVB	81794	71673	3.47%	0.202%
55	11.233	1552	1555	1558	rBV	1203654	1240321	60.08%	3.496%
56	11.257	1558	1559	1565	rVV	474370	362159	17.54%	1.021%
57	11.310	1565	1568	1571	rVB	101742	96433	4.67%	0.272%
58	11.351	1571	1575	1578	rBV2	49418	69628	3.37%	0.196%
59	11.739	1638	1641	1643	rBV	176473	179203	8.68%	0.505%
60	11.769	1643	1646	1651	rVV2	327255	465372	22.54%	1.312%
61	11.810	1651	1653	1655	rVV	102251	96085	4.65%	0.271%
62	11.845	1655	1659	1661	rVV	299416	331303	16.05%	0.934%
63	11.869	1661	1663	1669	rVB	178520	173335	8.40%	0.489%
64	12.027	1688	1690	1692	rVV	85953	78393	3.80%	0.221%
65	12.051	1692	1694	1701	rVB2	82024	118985	5.76%	0.335%
66	12.133	1701	1708	1711	rBV3	33597	81616	3.95%	0.230%
67	12.210	1718	1721	1723	rBV	107396	83972	4.07%	0.237%
68	12.233	1723	1725	1728	rVB2	103650	84261	4.08%	0.238%
69	12.286	1730	1734	1737	rBV	261550	289179	14.01%	0.815%
70	12.322	1737	1740	1742	rVV	133948	157569	7.63%	0.444%
71	12.369	1745	1748	1752	rBV3	88419	131036	6.35%	0.369%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.439	1757	1760	1764	rBV	625674	559714	27.11%	1.578%
73	12.533	1774	1776	1778	rBV	60372	61887	3.00%	0.174%
74	12.557	1778	1780	1784	rVB3	106499	110979	5.38%	0.313%
75	12.669	1794	1799	1802	rBV	845183	814555	39.46%	2.296%
76	12.692	1802	1803	1807	rVV2	98426	93042	4.51%	0.262%
77	12.733	1807	1810	1813	rVB	130478	127903	6.20%	0.361%
78	12.786	1817	1819	1821	rVV2	68590	73734	3.57%	0.208%
79	12.816	1821	1824	1831	rVB	1885554	1767624	85.63%	4.982%
80	12.886	1833	1836	1839	rBV2	134881	169782	8.22%	0.479%
81	12.945	1843	1846	1848	rBV3	60873	63426	3.07%	0.179%
82	12.998	1852	1855	1858	rVB	187797	211786	10.26%	0.597%
83	13.063	1863	1866	1869	rVB	136060	123246	5.97%	0.347%
84	13.098	1869	1872	1879	rBV	236954	245513	11.89%	0.692%
85	13.192	1885	1888	1890	rBV	192836	165203	8.00%	0.466%
86	13.221	1890	1893	1897	rVV	194924	168813	8.18%	0.476%
87	13.398	1921	1923	1929	rBV2	78932	102795	4.98%	0.290%
88	13.610	1955	1959	1962	rBV4	103938	187103	9.06%	0.527%
89	13.857	1997	2001	2004	rBV2	1420602	1729865	83.80%	4.876%
90	13.886	2004	2006	2009	rVB	331094	277467	13.44%	0.782%
91	14.045	2031	2033	2036	rVB2	136005	114002	5.52%	0.321%
92	14.245	2065	2067	2070	rVB	158021	134622	6.52%	0.379%
93	14.345	2082	2084	2086	rBV2	166525	117632	5.70%	0.332%
94	14.639	2132	2134	2140	rVB3	221759	287924	13.95%	0.812%
95	14.868	2170	2173	2182	rVB	236426	442046	21.41%	1.246%
96	14.957	2185	2188	2195	rVB2	271560	345169	16.72%	0.973%
97	15.151	2218	2221	2226	rVB	185144	213338	10.33%	0.601%
98	15.204	2227	2230	2235	rBV	224341	286844	13.90%	0.809%
99	15.268	2237	2241	2244	rBV	844678	987875	47.86%	2.785%
100	15.721	2314	2318	2321	rBV2	159003	227829	11.04%	0.642%

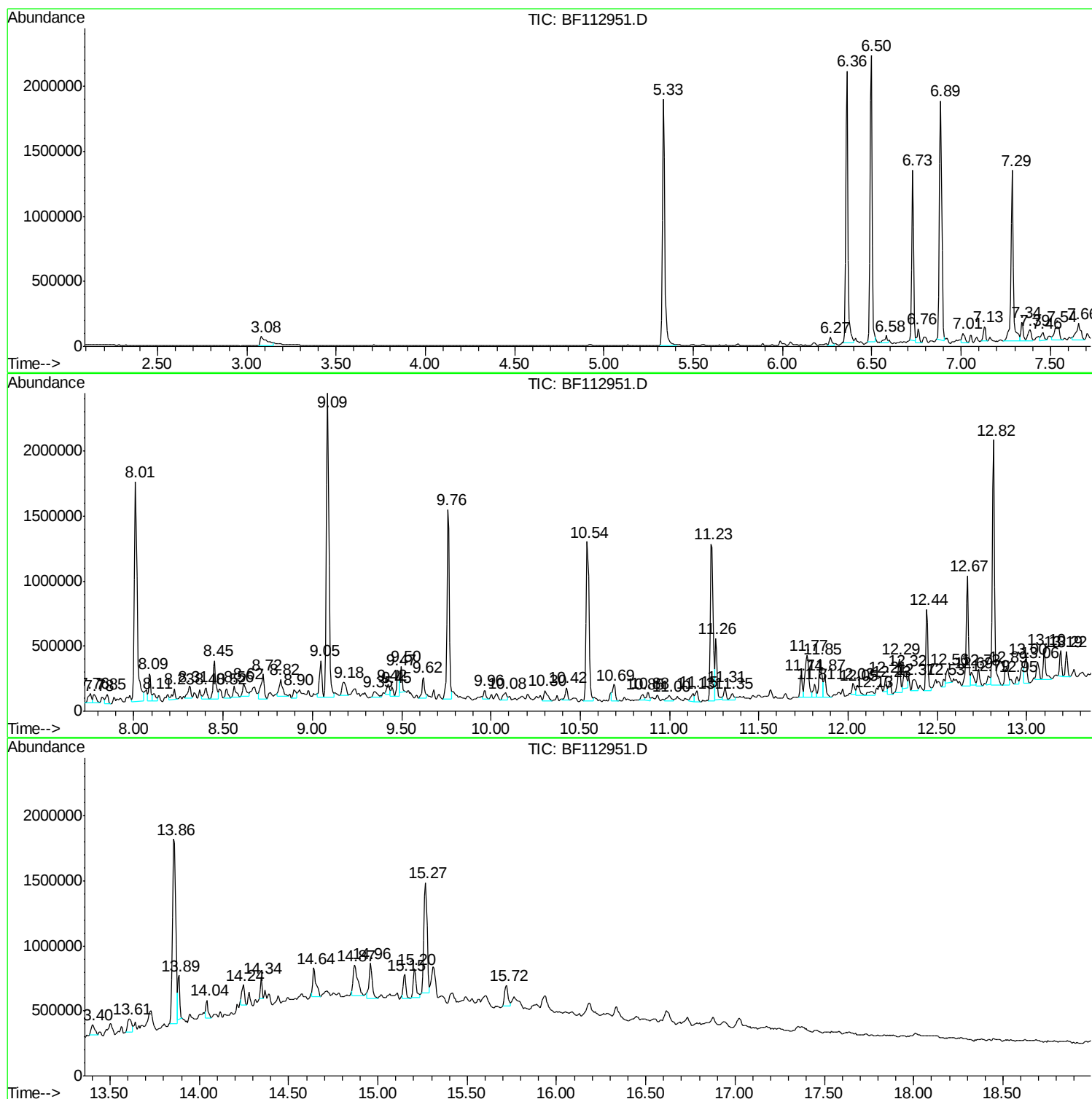
Sum of corrected areas: 35477072

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

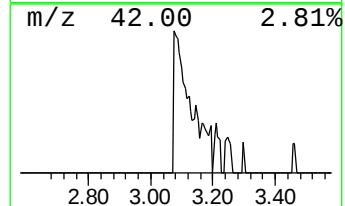
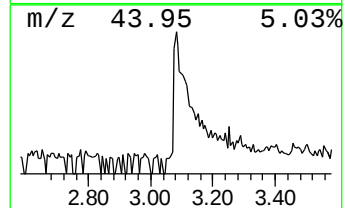
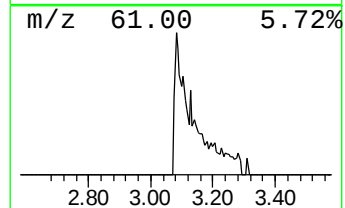
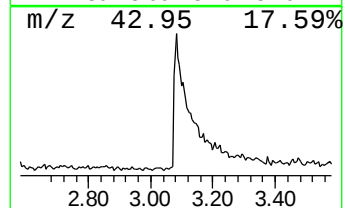
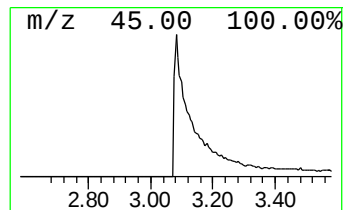
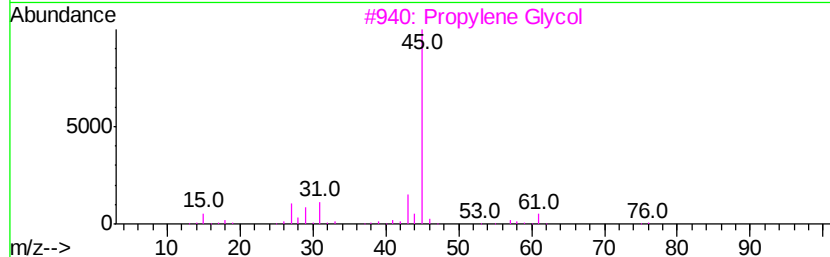
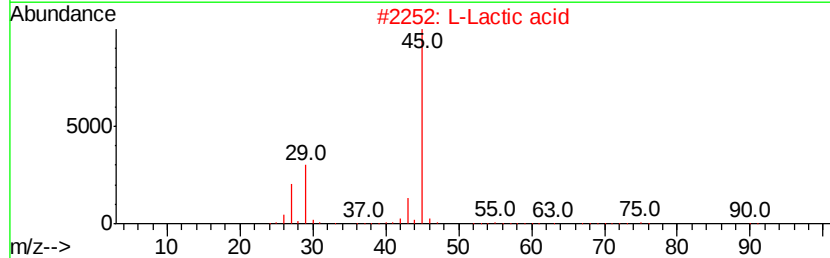
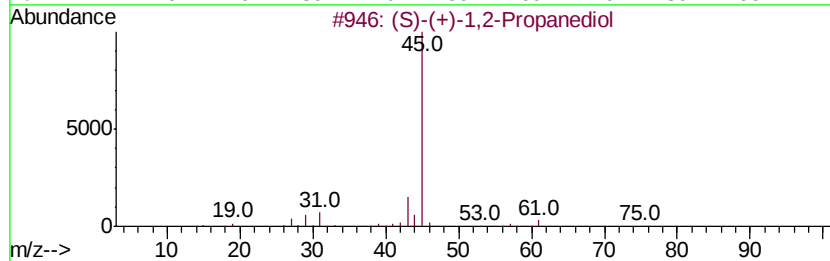
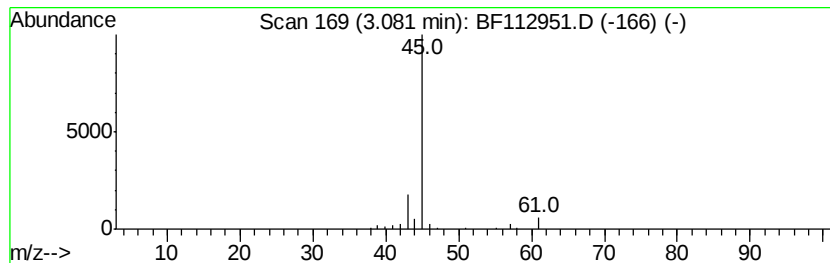
Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.08	3.65 ng	189975	1,4-Dichlorobenzene-d4	6.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	L-Lactic acid	90	C3H6O3	000079-33-4	9
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	Muramic acid	251	C9H17NO7	001114-41-6	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

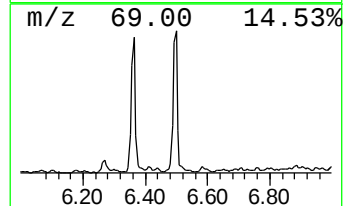
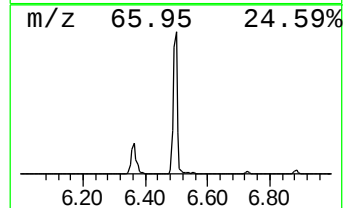
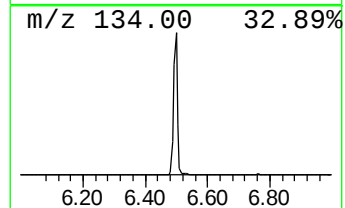
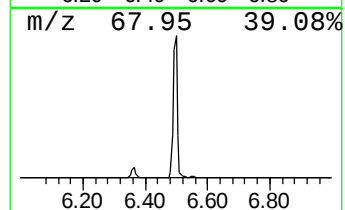
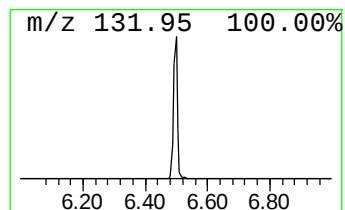
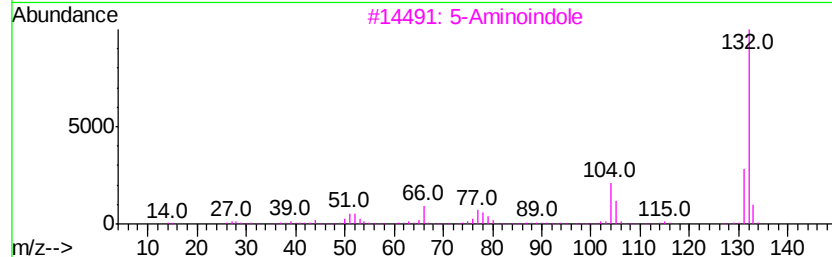
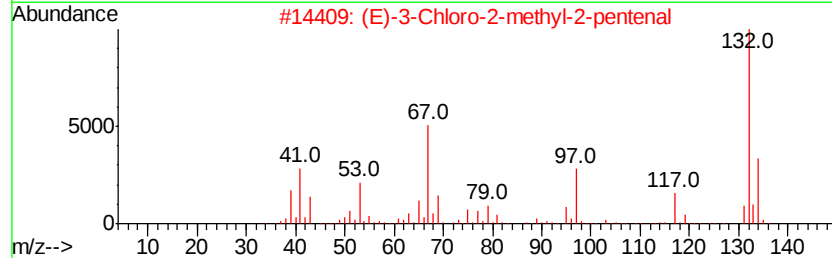
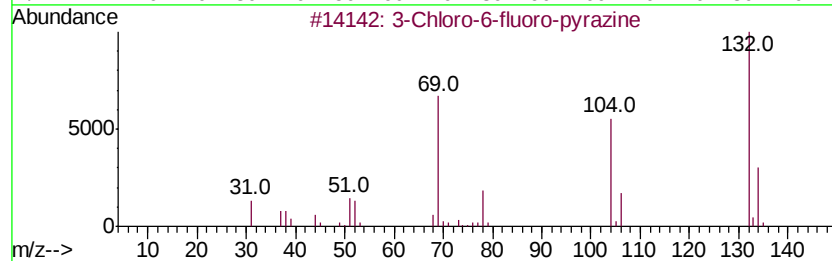
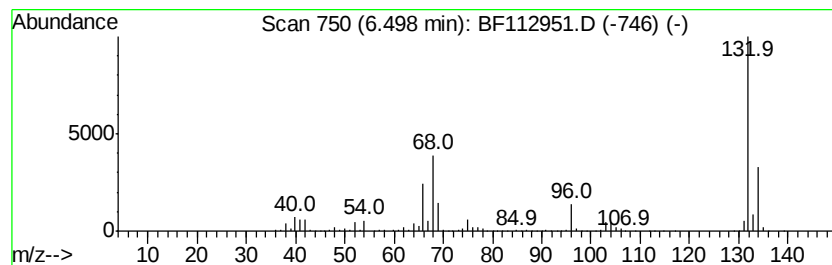
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	37.80 ng	1969610	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

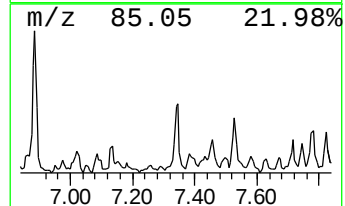
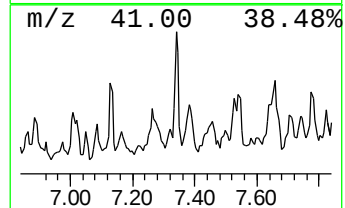
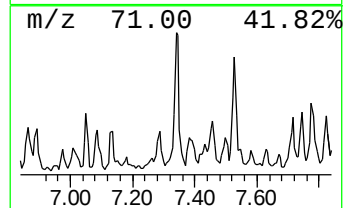
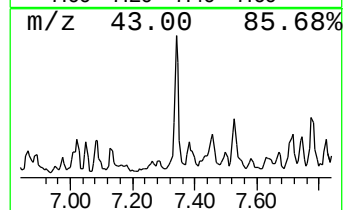
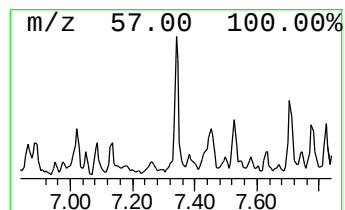
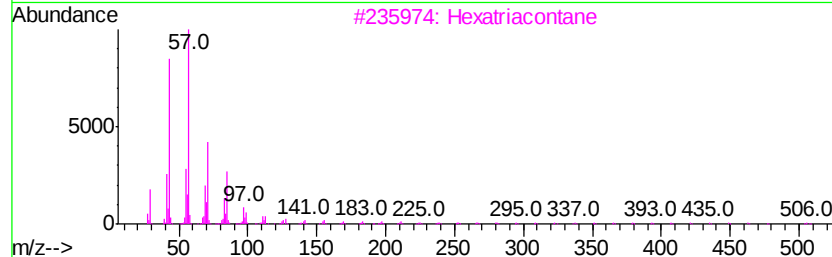
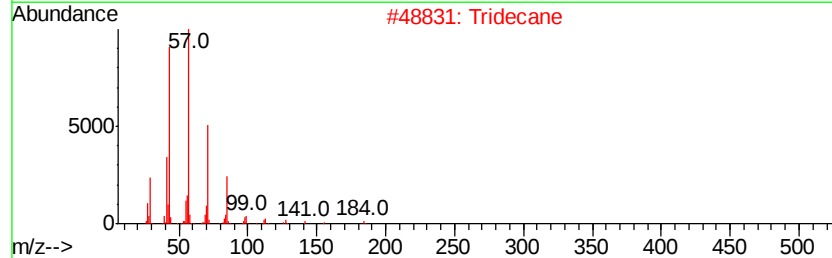
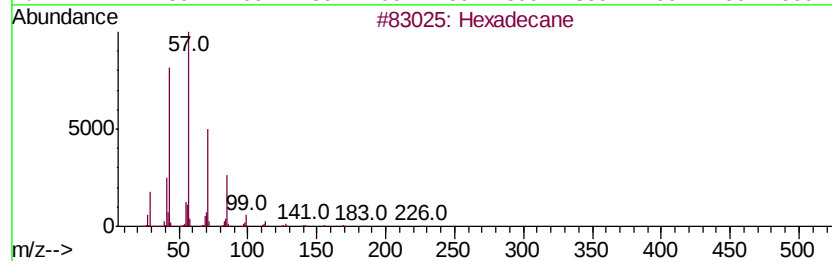
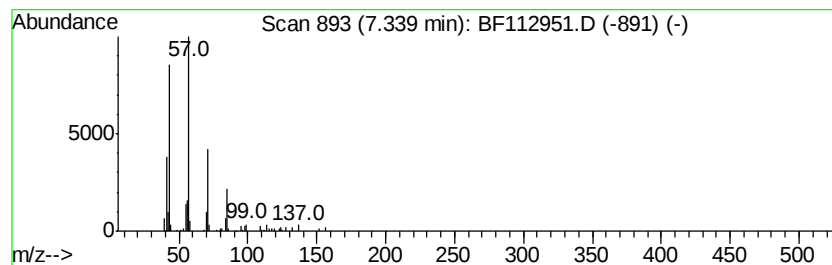
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.58 ng	134501	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Tridecane		184	C13H28	000629-50-5	80
3	Hexatriacontane		507	C36H74	000630-06-8	72
4	Decane		142	C10H22	000124-18-5	64
5	Sulfurous acid, isobutyl pentyl ...		208	C9H20O3S	1000309-13-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

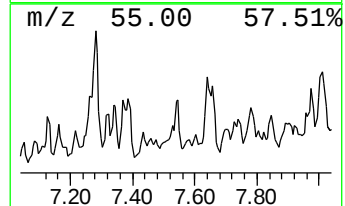
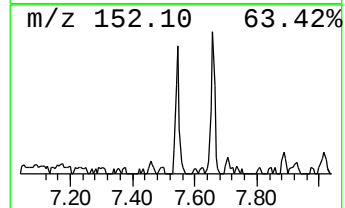
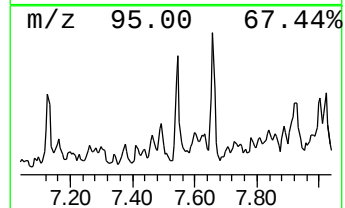
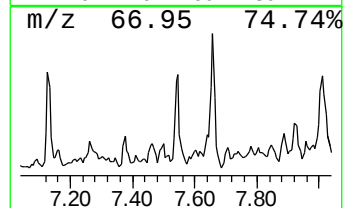
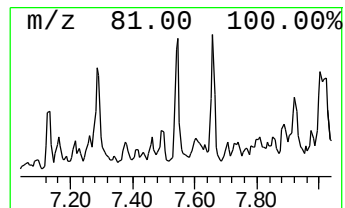
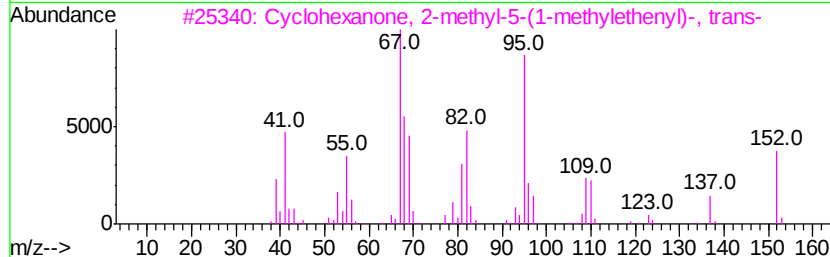
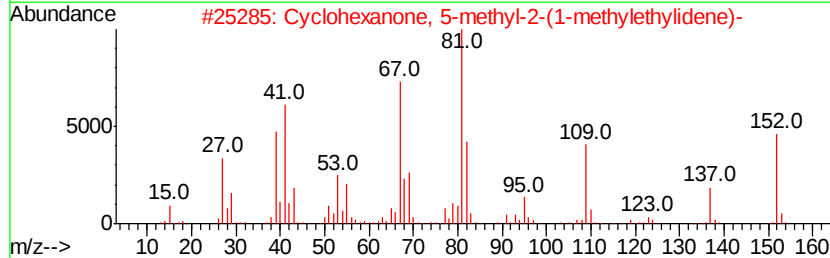
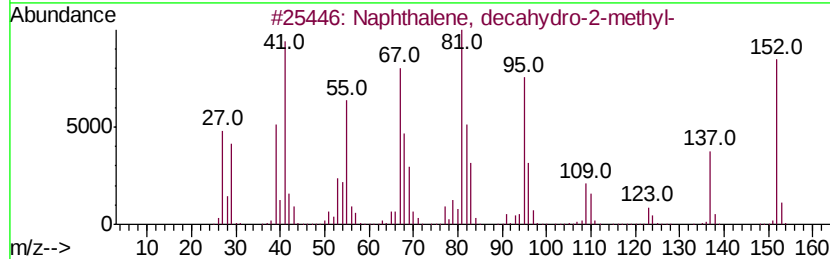
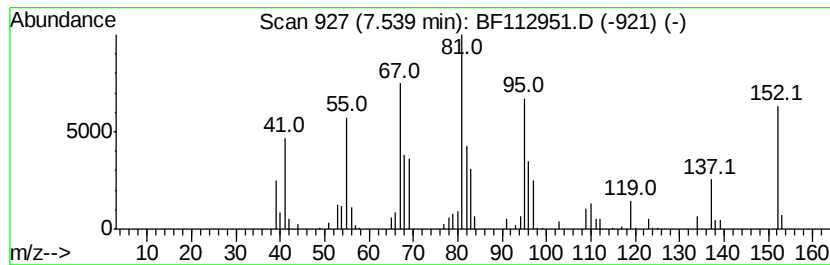
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.33 ng	195546	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
3		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	62
4		Pulegone	152	C10H16O	000089-82-7	62
5		9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

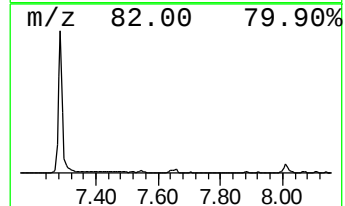
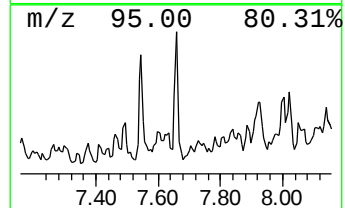
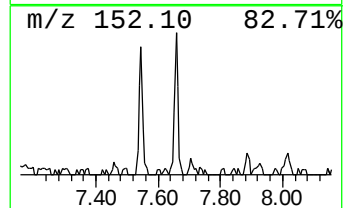
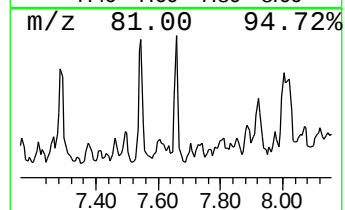
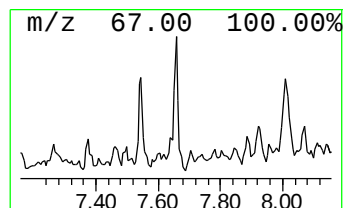
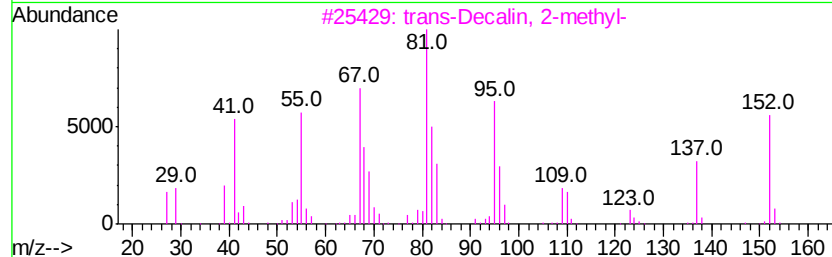
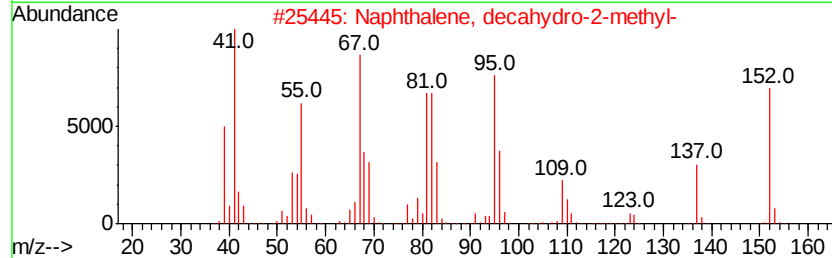
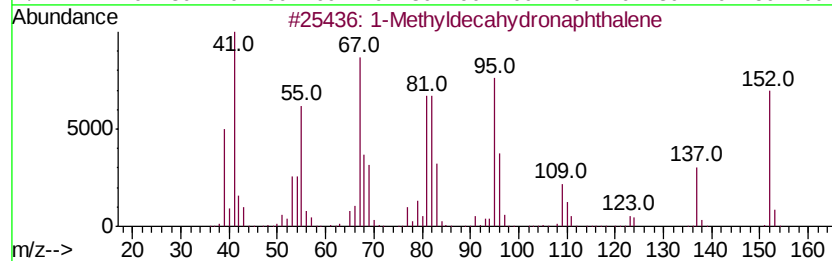
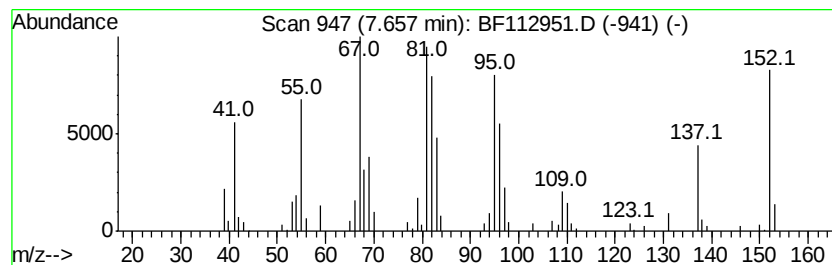
Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.66	2.62 ng	220077	Naphthalene-d8	8.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	68
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

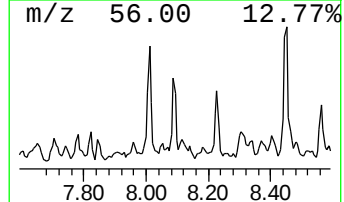
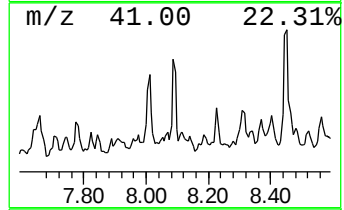
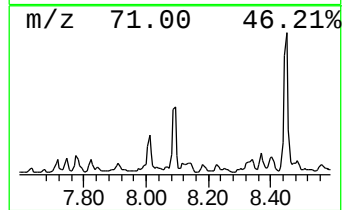
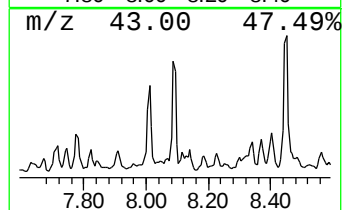
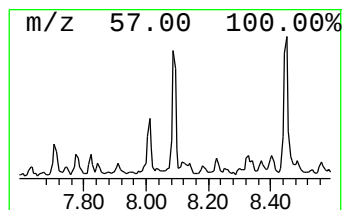
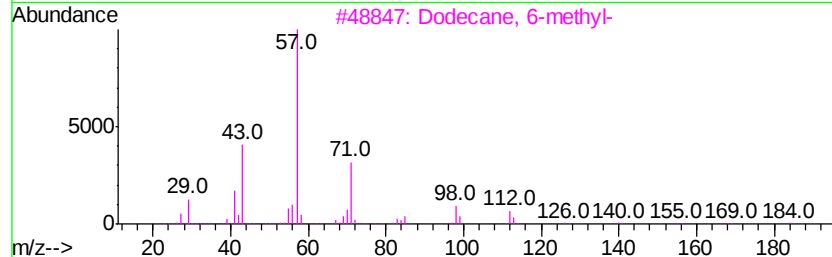
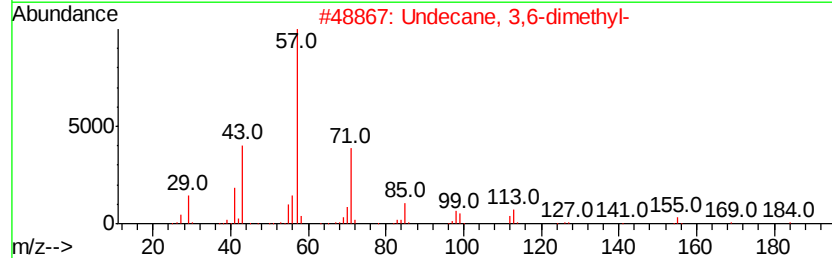
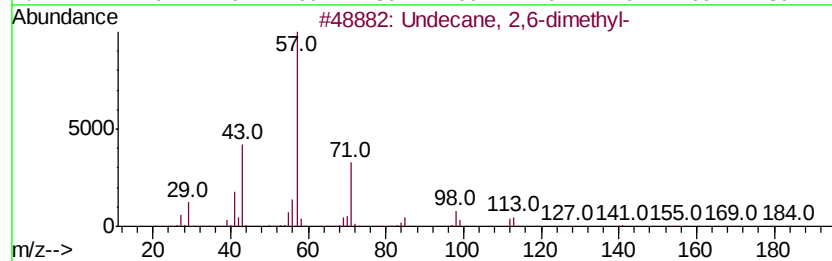
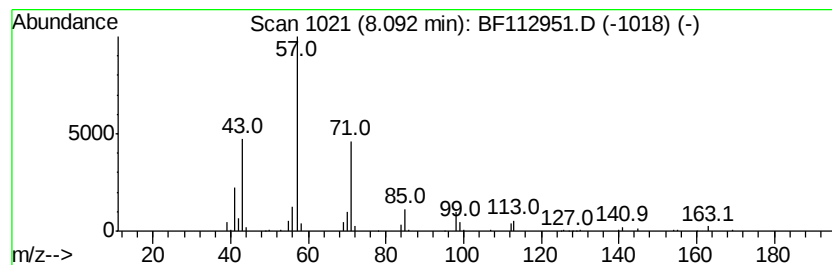
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	2.39 ng	200749	Napthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

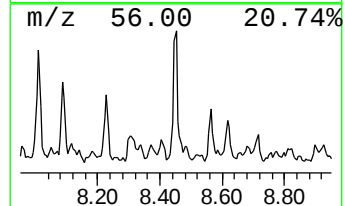
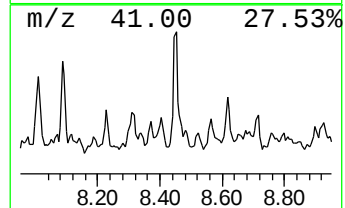
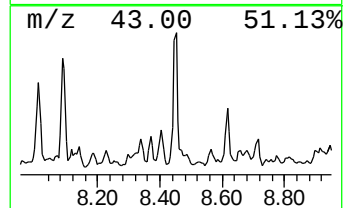
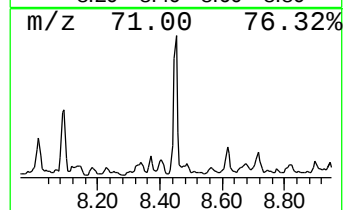
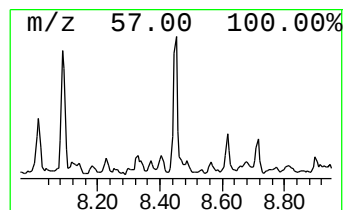
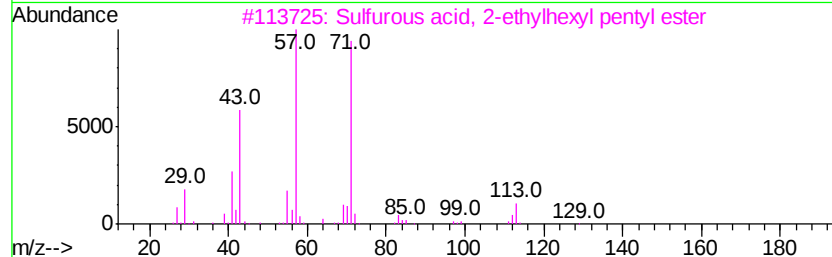
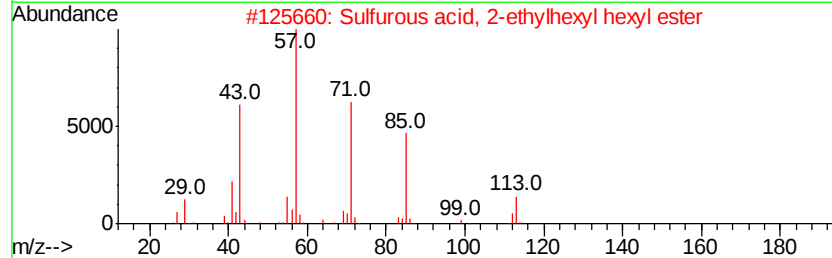
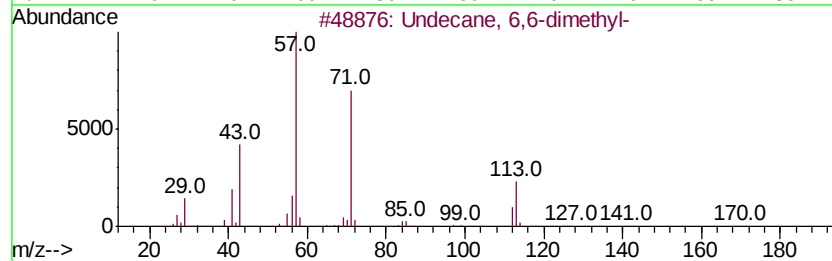
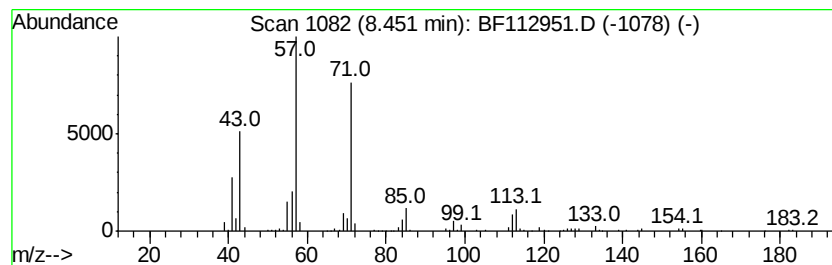
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.45 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	4.06 ng	340594	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
3		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

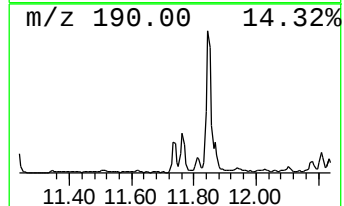
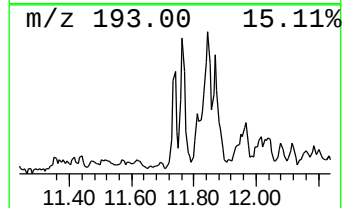
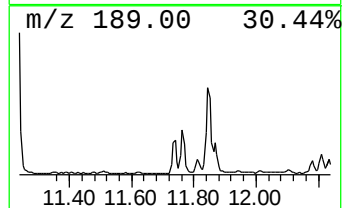
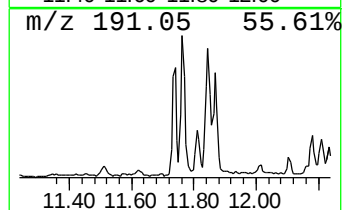
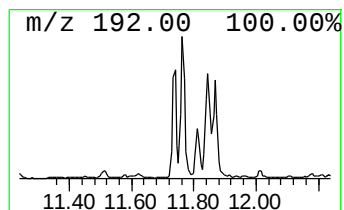
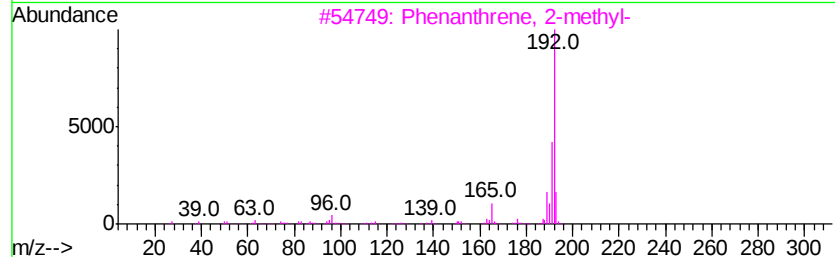
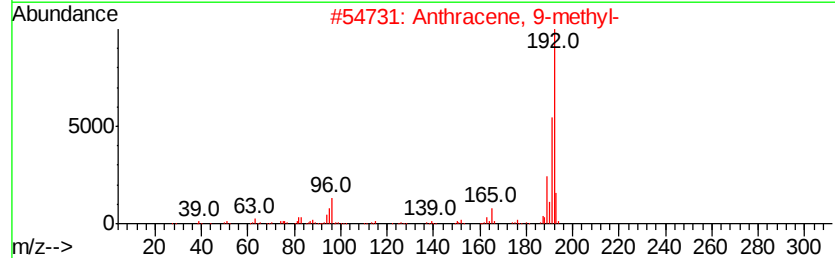
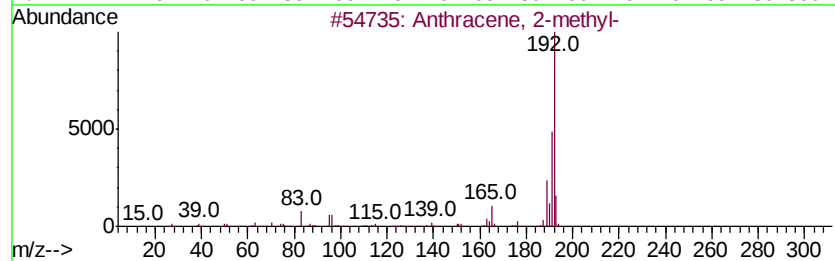
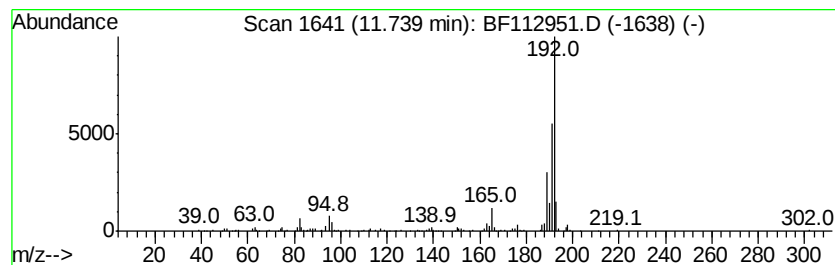
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.89 ng	179203	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

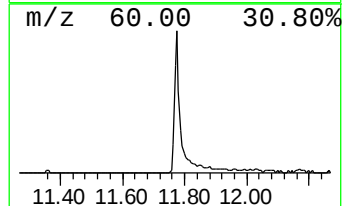
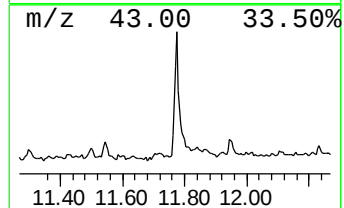
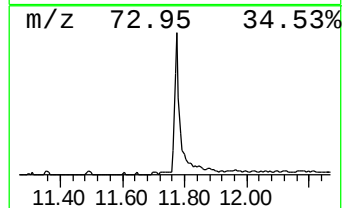
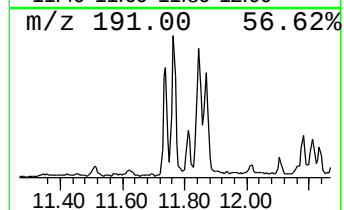
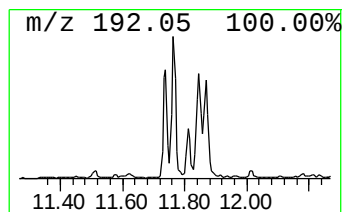
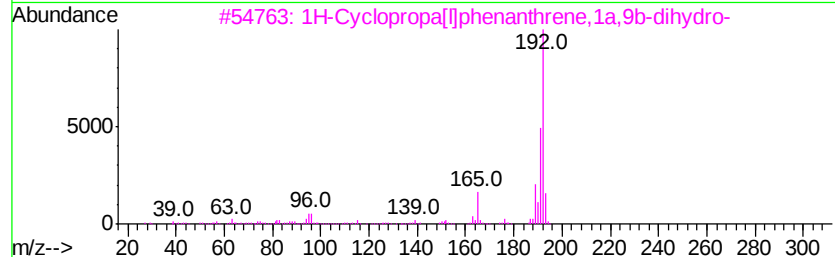
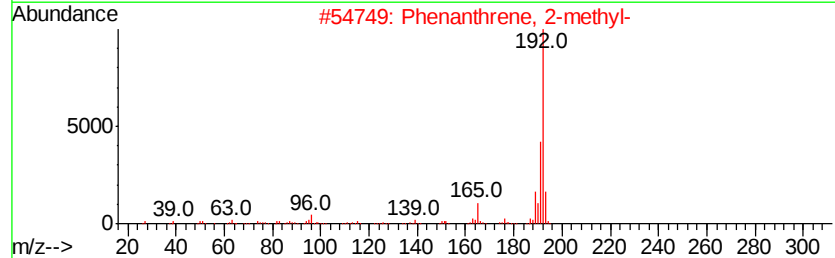
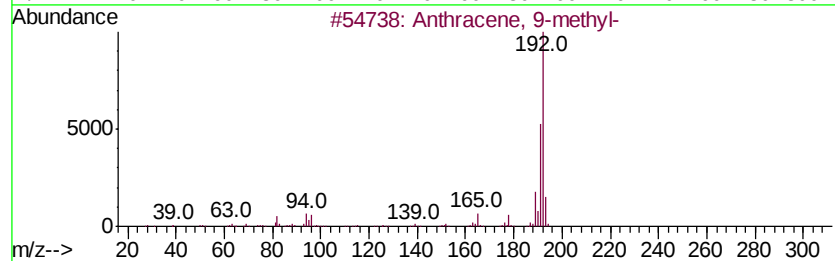
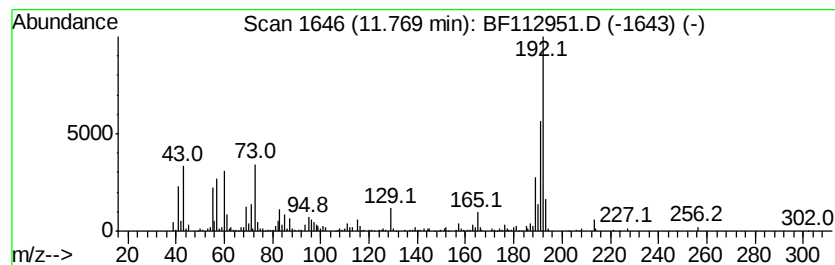
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.50 ng	465372	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

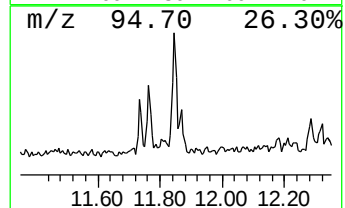
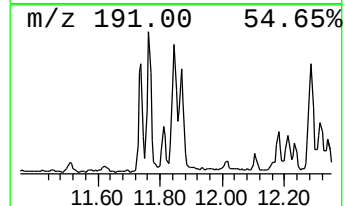
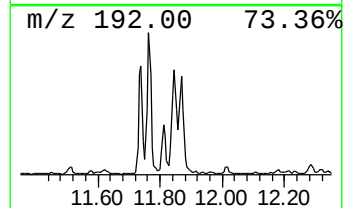
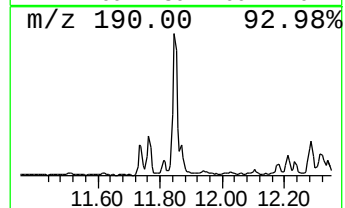
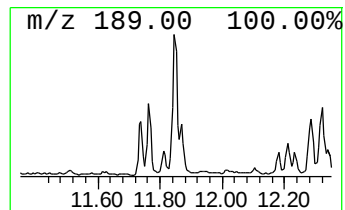
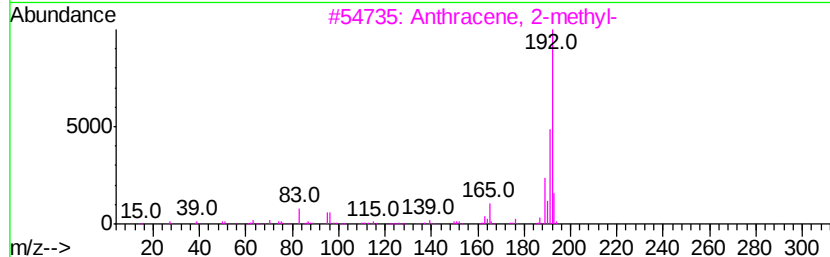
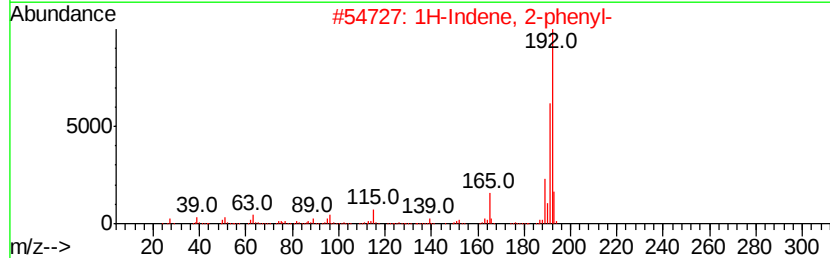
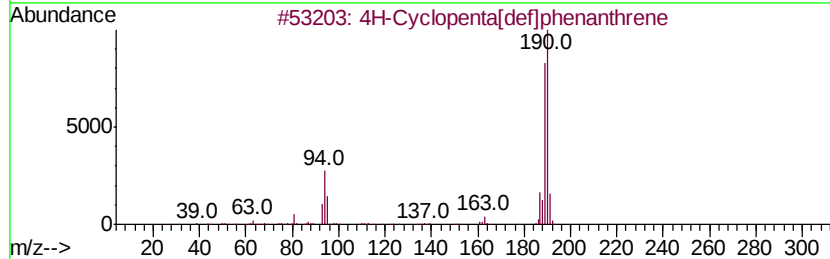
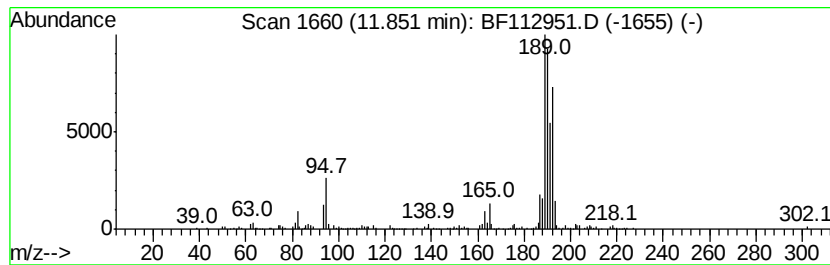
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.85 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.34 ng	331303	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

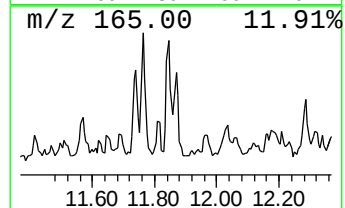
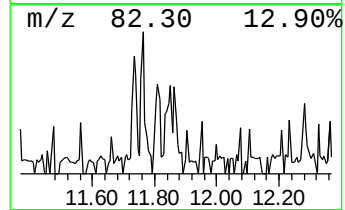
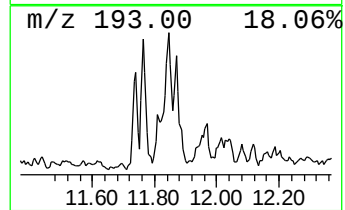
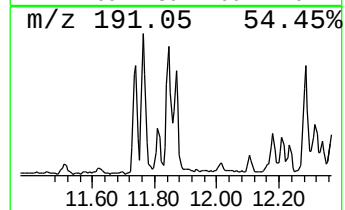
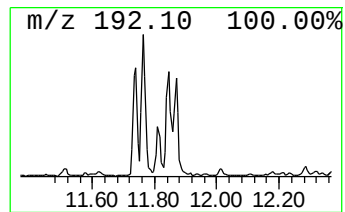
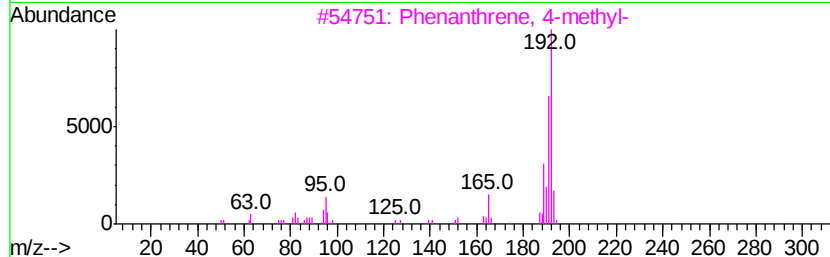
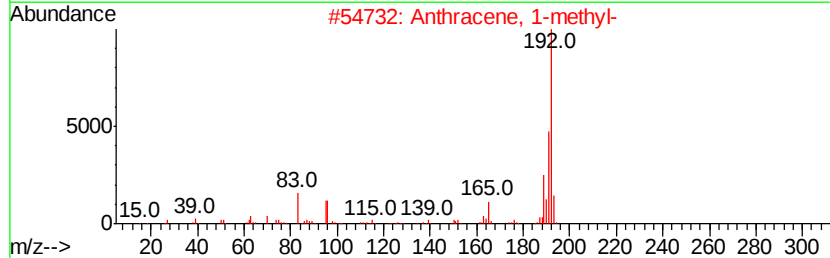
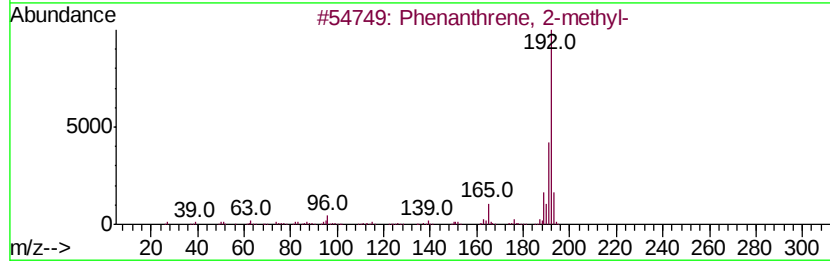
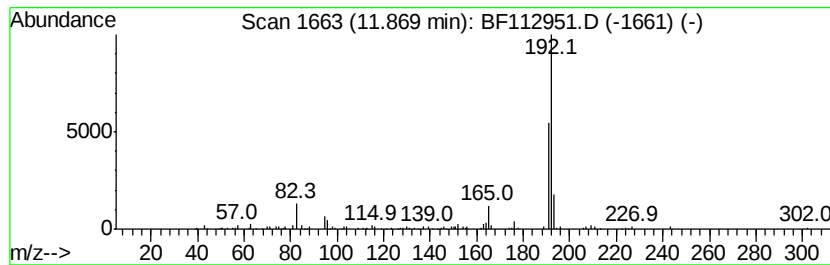
Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.80 ng	173335	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

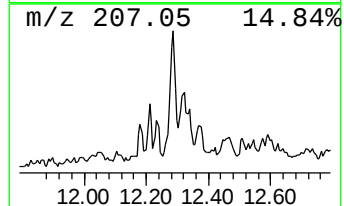
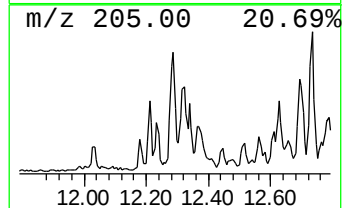
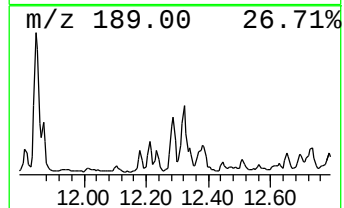
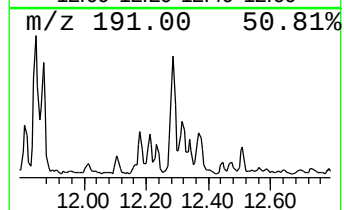
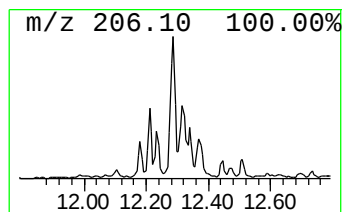
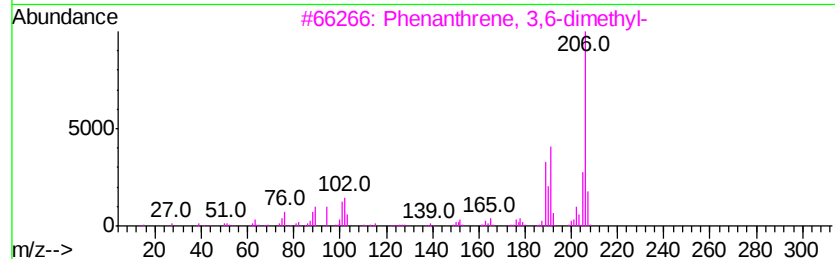
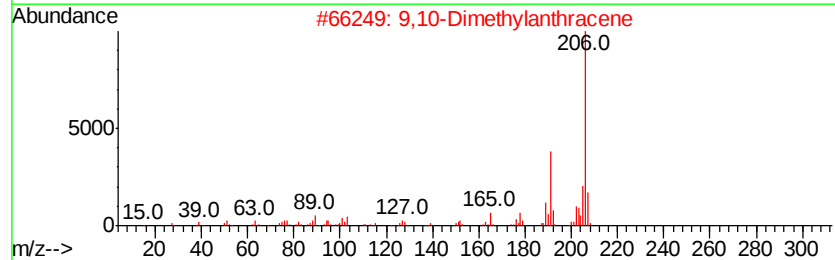
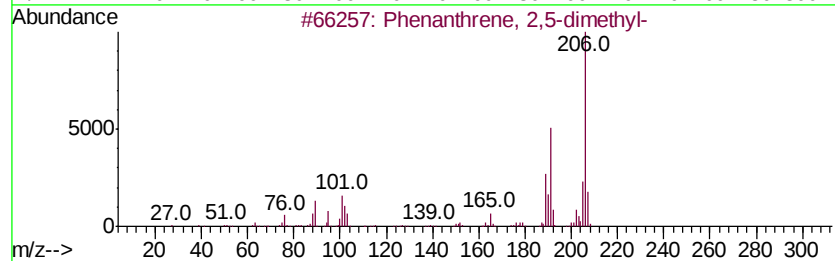
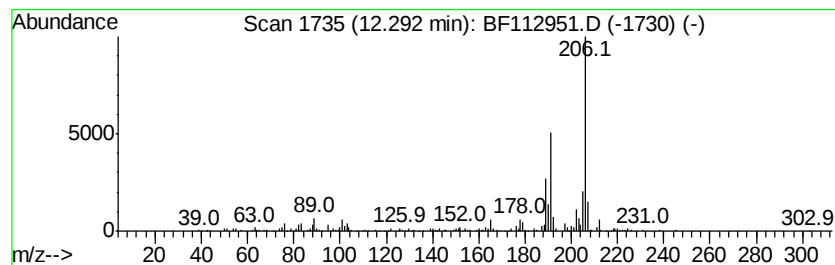
Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.29	4.66 ng	289179	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

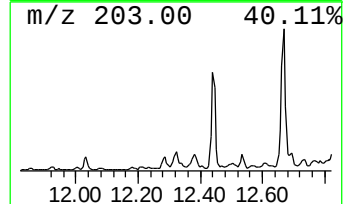
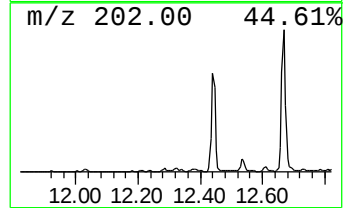
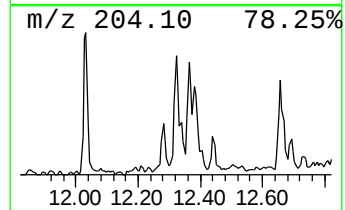
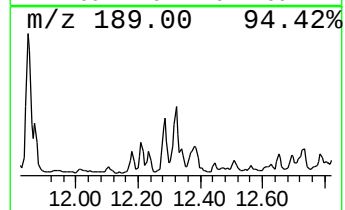
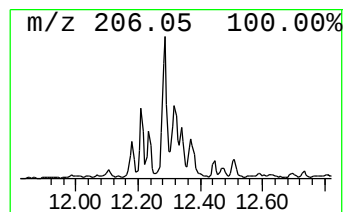
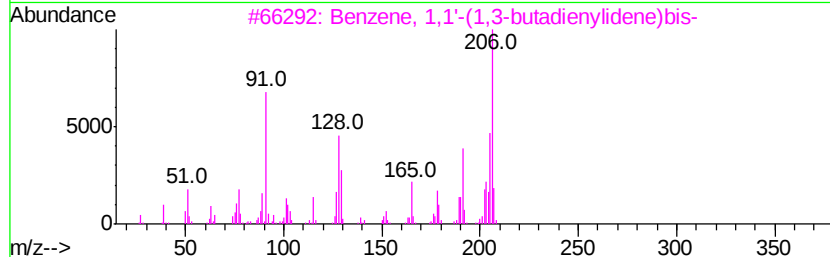
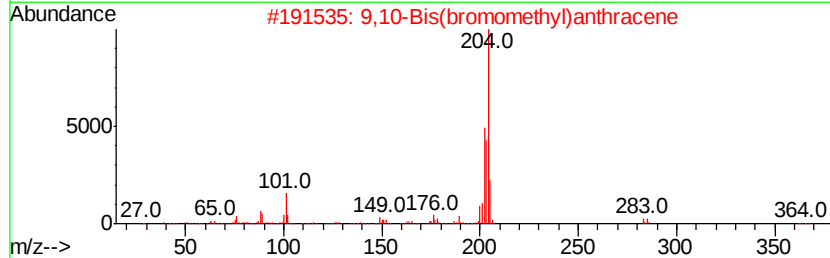
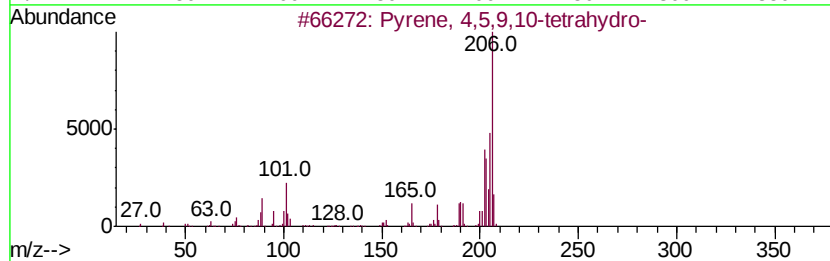
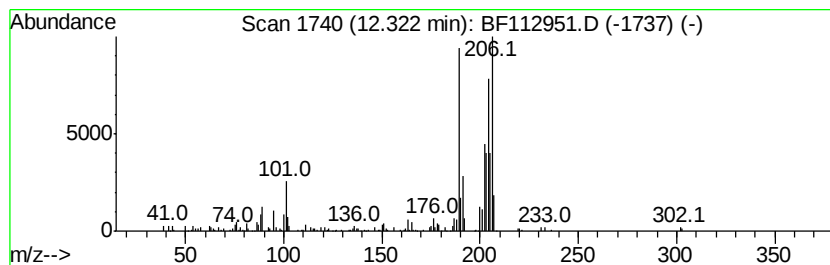
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.32 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.54 ng	157569	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3		Benzene, 1,1'-(1,3-butadienylidene...	206	C16H14	004165-81-5	38
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

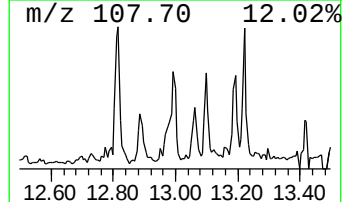
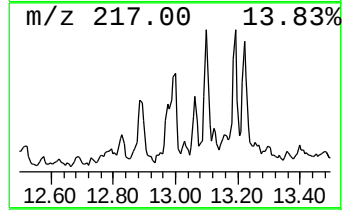
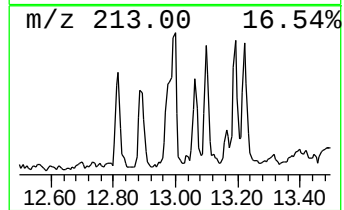
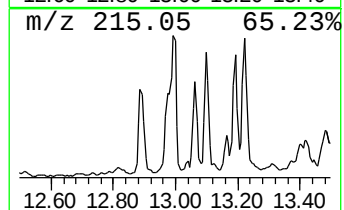
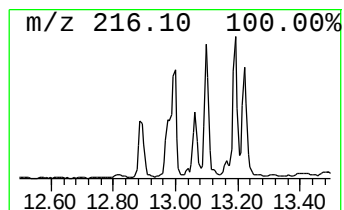
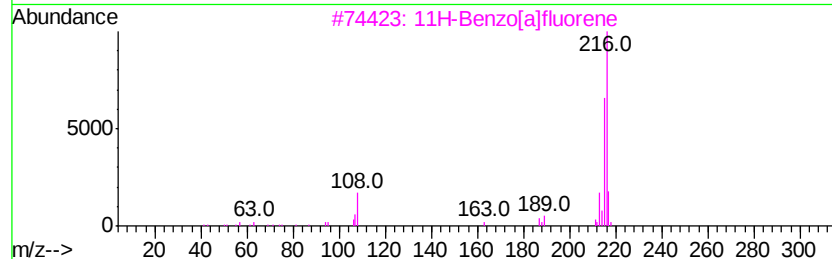
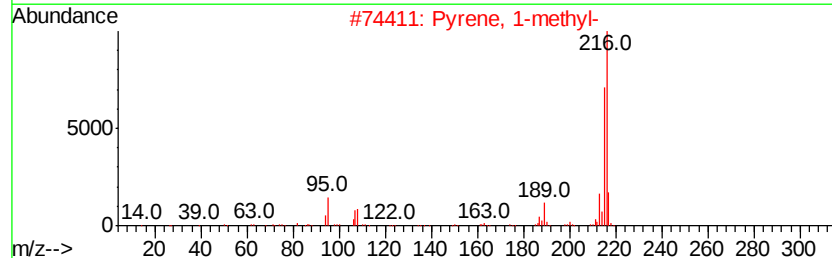
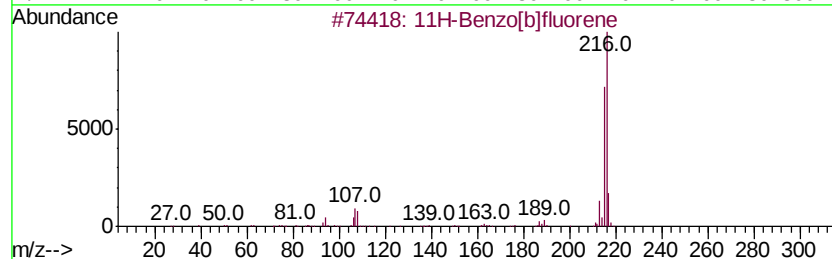
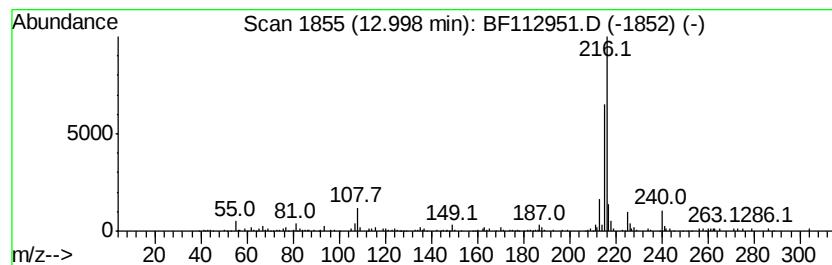
Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.00	2.45 ng	211786	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

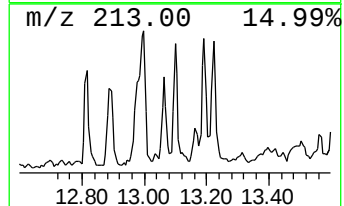
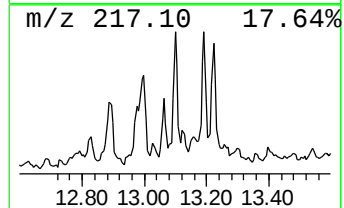
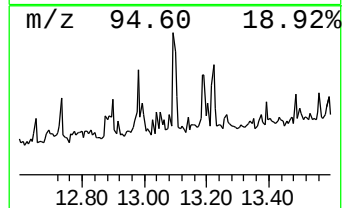
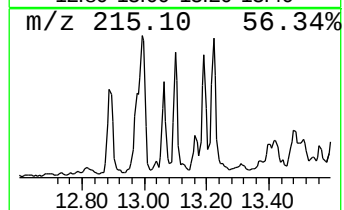
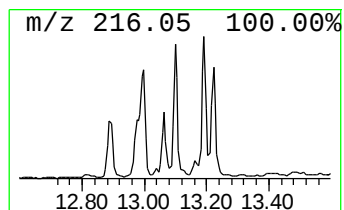
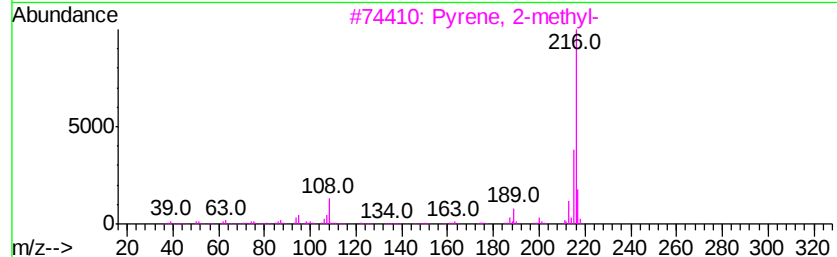
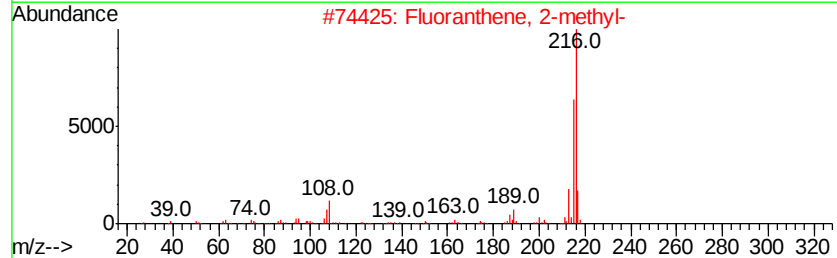
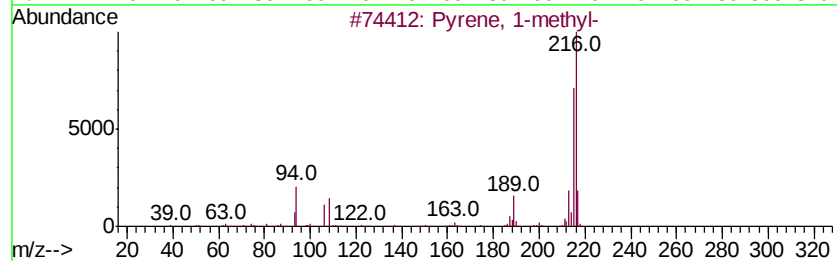
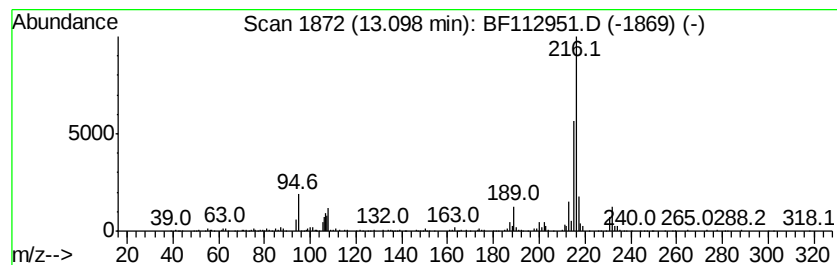
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.84 ng	245513	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	93
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

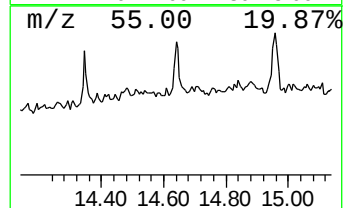
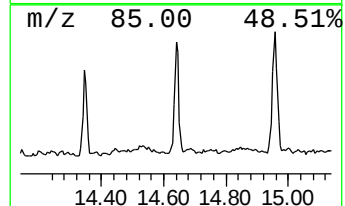
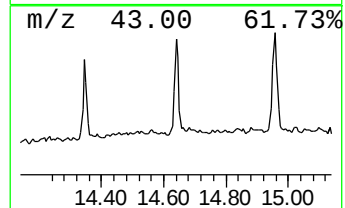
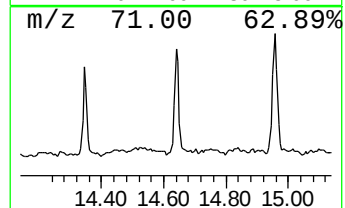
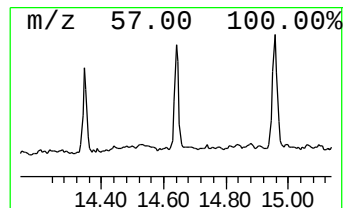
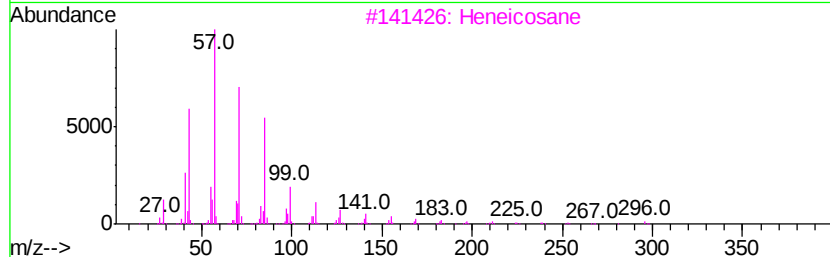
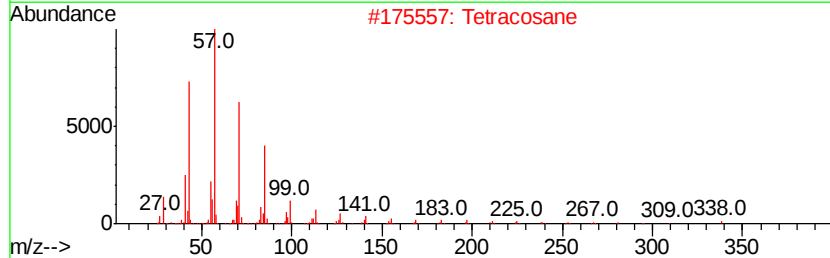
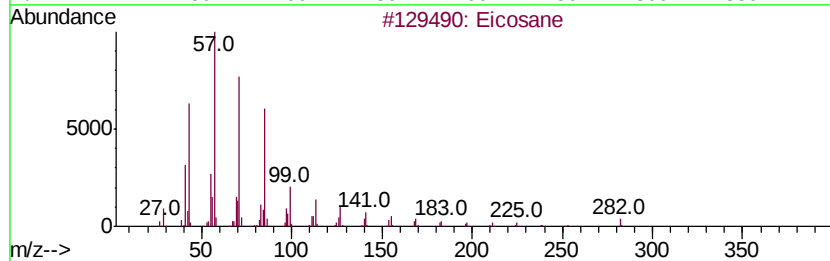
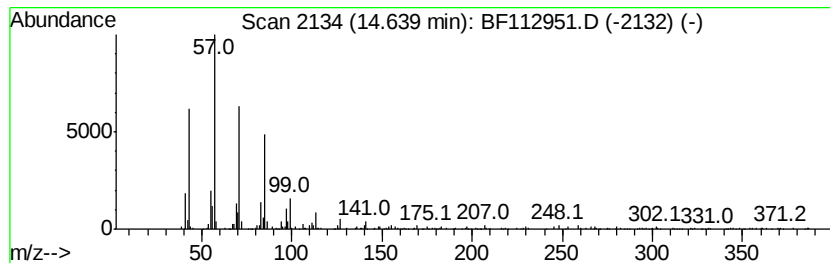
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.83 ng	287924	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetracosane	338	C24H50	000646-31-1	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

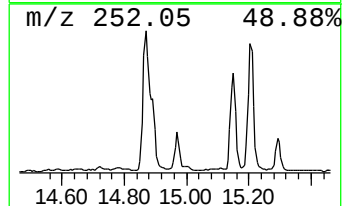
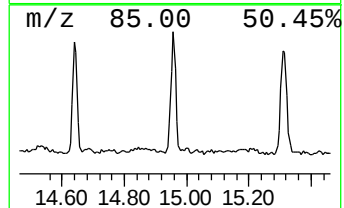
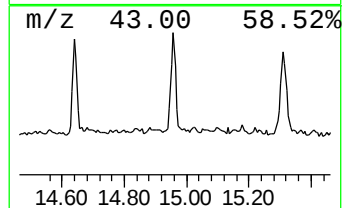
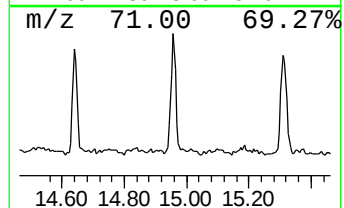
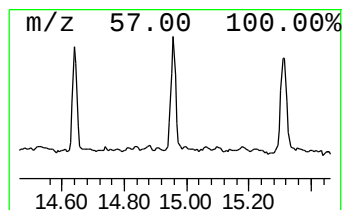
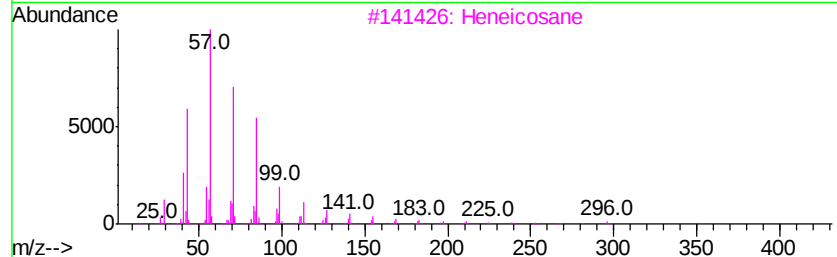
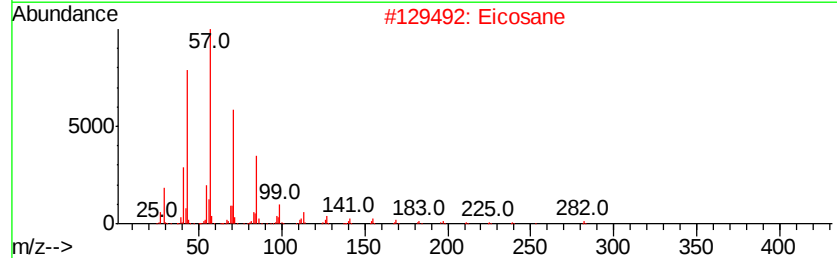
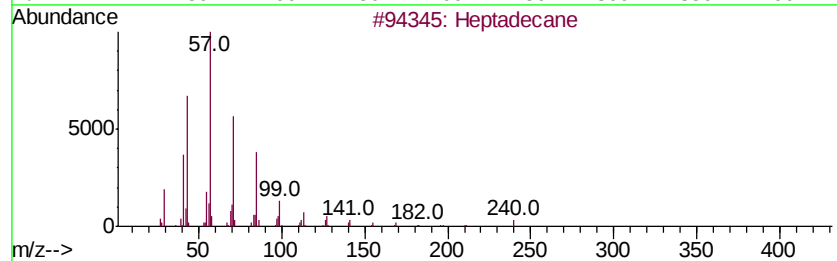
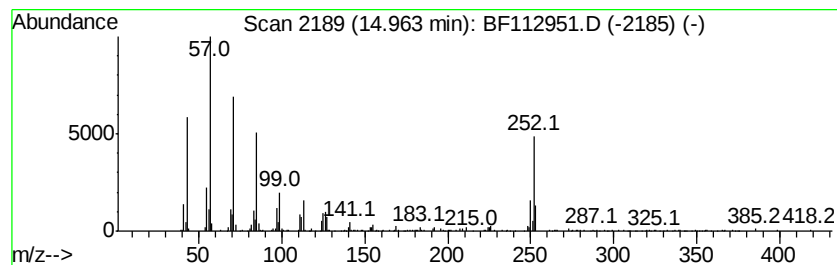
Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.99 ng	345169	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	Eicosane	282 C20H42	000112-95-8	90
3	Heneicosane	296 C21H44	000629-94-7	87
4	Docosane	310 C22H46	000629-97-0	80
5	Eicosane, 2-methyl-	296 C21H44	001560-84-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

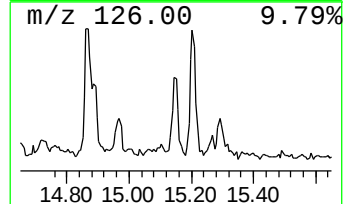
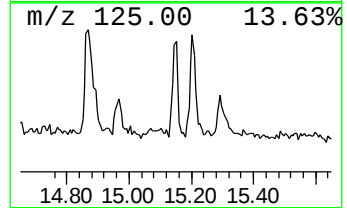
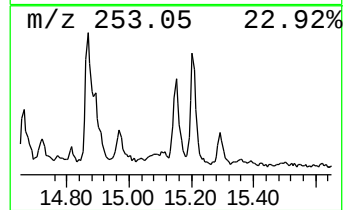
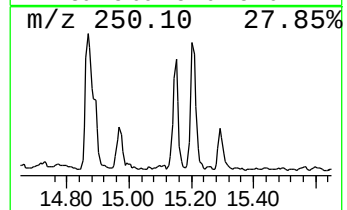
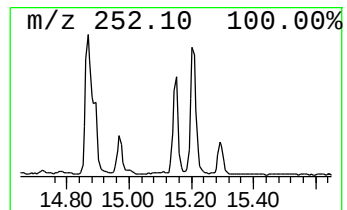
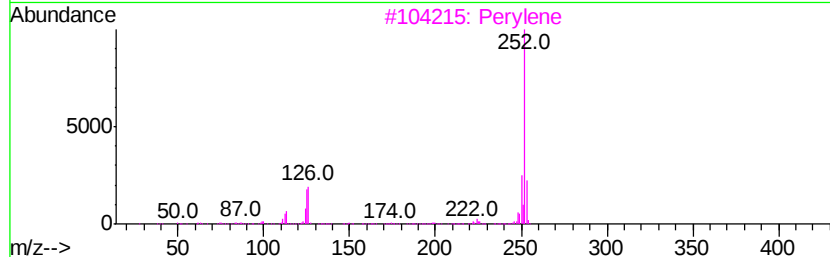
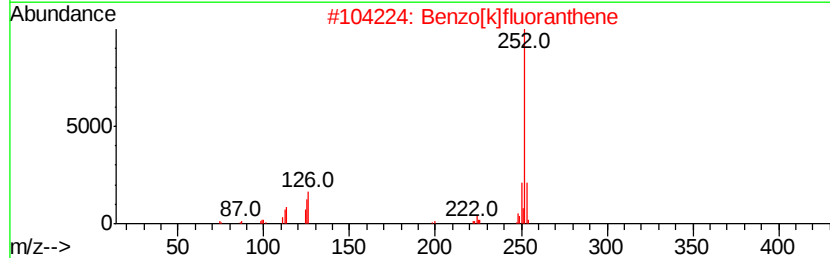
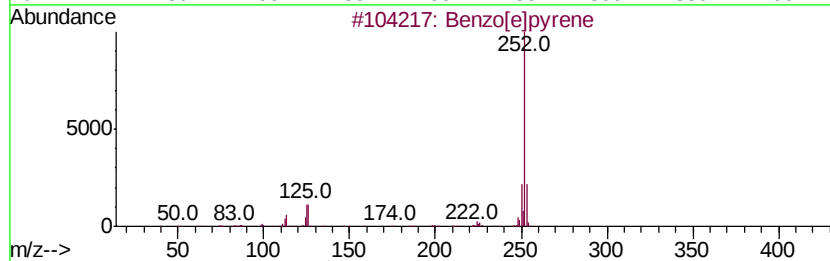
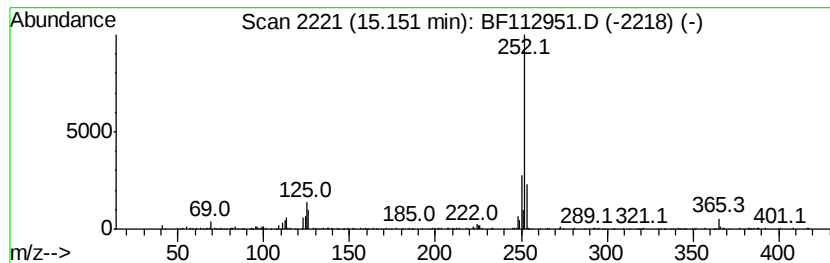
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.32 ng	213338	Perylene-d12	15.27

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030719-B

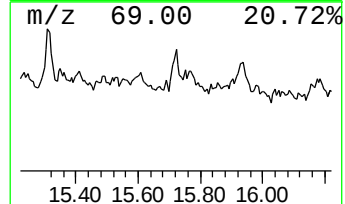
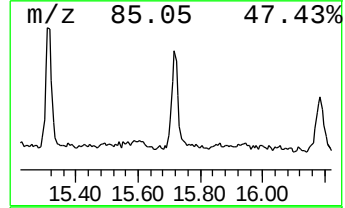
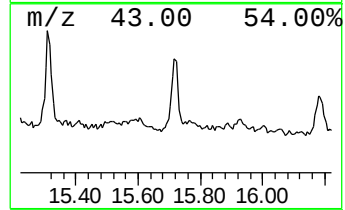
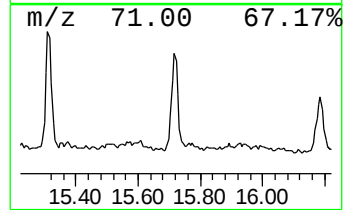
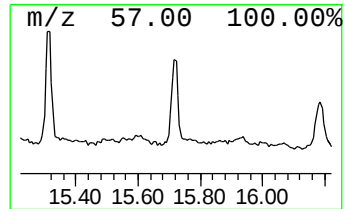
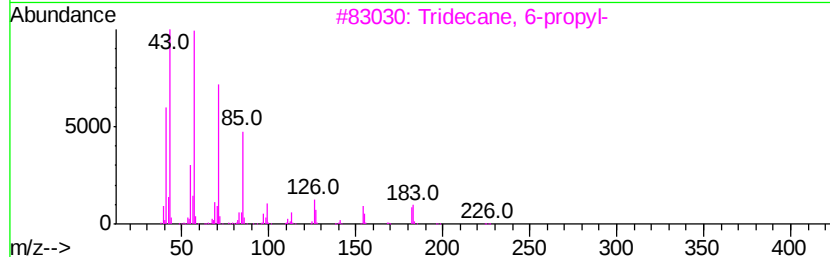
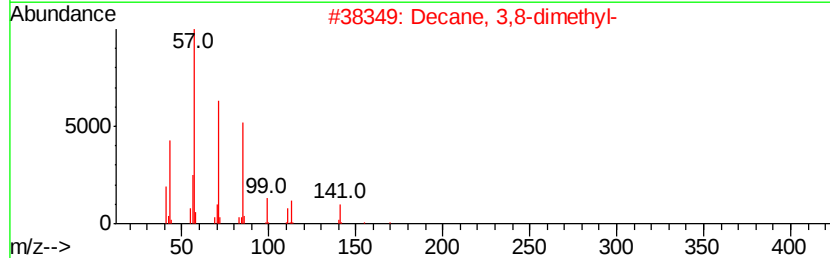
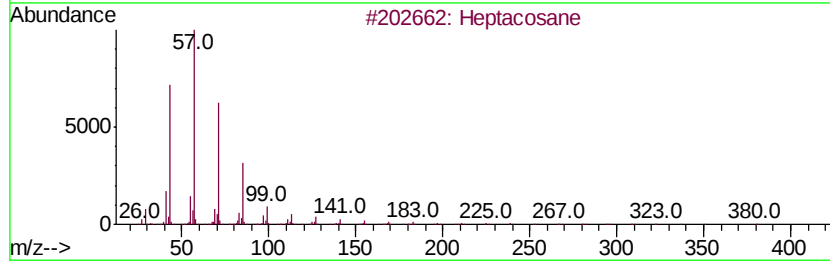
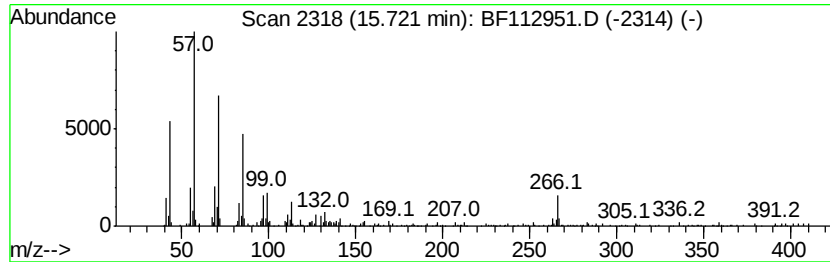
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.61 ng	227829	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	87
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	62
4			Heneicosane	296	C21H44	000629-94-7	62
5			2-methyloctacosane	408	C29H60	1000376-72-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112951.D
 Acq On : 8 Mar 2019 18:22
 Operator : JU/SJ
 Sample : K1693-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-030719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
(S)-(+)-1,2-Propa...	3.08	3.6 ng		189975	1	6.73	1042180	20.0
unknown6.50	6.50	37.8 ng		1969610	1	6.73	1042180	20.0
Hexadecane	7.34	2.6 ng		134501	1	6.73	1042180	20.0
Naphthalene, deca...	7.54	2.3 ng		195546	2	8.01	1678740	20.0
1-Methyldecahydro...	7.66	2.6 ng		220077	2	8.01	1678740	20.0
Undecane, 2,6-dim...	8.09	2.4 ng		200749	2	8.01	1678740	20.0
unknown8.45	8.45	4.1 ng		340594	2	8.01	1678740	20.0
Anthracene, 2-met...	11.74	2.9 ng		179203	4	11.23	1240320	20.0
Anthracene, 9-met...	11.77	7.5 ng		465372	4	11.23	1240320	20.0
unknown11.85	11.85	5.3 ng		331303	4	11.23	1240320	20.0
Phenanthrene, 2-m...	11.87	2.8 ng		173335	4	11.23	1240320	20.0
Phenanthrene, 2,5...	12.29	4.7 ng		289179	4	11.23	1240320	20.0
unknown12.32	12.32	2.5 ng		157569	4	11.23	1240320	20.0
11H-Benzo[b]fluorene	13.00	2.5 ng		211786	5	13.86	1729870	20.0
Pyrene, 1-methyl-	13.10	2.8 ng		245513	5	13.86	1729870	20.0
Eicosane	14.64	5.8 ng		287924	6	15.27	987875	20.0
Heptadecane	14.96	7.0 ng		345169	6	15.27	987875	20.0
Benzo[e]pyrene	15.15	4.3 ng		213338	6	15.27	987875	20.0
Heptacosane	15.72	4.6 ng		227829	6	15.27	987875	20.0