

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
 Data File : BF106793.D
 Acq On : 26 Jun 2018 00:59
 Operator : JU/SJ
 Sample : J3241-13 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-A

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-BF061918.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	5.595	551	554	567	rBB	435136	383776	25.70%	1.765%
2	6.595	721	724	728	rBV	434241	408130	27.34%	1.877%
3	6.736	744	748	751	rVB	469457	418163	28.01%	1.923%
4	6.778	752	755	759	rBV	88199	77163	5.17%	0.355%
5	6.960	782	786	789	rVB	383539	316204	21.18%	1.454%
6	7.095	806	809	810	rBV2	44333	47122	3.16%	0.217%
7	7.113	810	812	817	rVB	366773	331354	22.19%	1.524%
8	7.219	825	830	833	rBV4	54835	70127	4.70%	0.322%
9	7.278	837	840	845	rVB3	46353	57386	3.84%	0.264%
10	7.483	870	875	878	rBV3	73011	98897	6.62%	0.455%
11	7.519	878	881	883	rVV	272740	273073	18.29%	1.256%
12	7.536	883	884	889	rVB	240596	185188	12.40%	0.852%
13	7.595	892	894	897	rVB3	64742	63360	4.24%	0.291%
14	7.648	897	903	907	rBV4	45442	78393	5.25%	0.360%
15	7.760	918	922	927	rVB5	70064	100159	6.71%	0.461%
16	7.848	934	937	940	rVV3	65794	55860	3.74%	0.257%
17	7.878	940	942	945	rVV2	75919	81239	5.44%	0.374%
18	7.936	949	952	956	rBV3	44086	45603	3.05%	0.210%
19	7.972	956	958	961	rBV	100712	93689	6.28%	0.431%
20	8.101	978	980	983	rVB	53376	48517	3.25%	0.223%
21	8.207	995	998	1002	rVV	369194	330225	22.12%	1.518%
22	8.242	1002	1004	1006	rVV	430518	357735	23.96%	1.645%
23	8.266	1006	1008	1009	rVV	118382	99267	6.65%	0.456%
24	8.283	1009	1011	1014	rVB	226815	192304	12.88%	0.884%
25	8.319	1014	1017	1022	rBV3	66412	88823	5.95%	0.408%
26	8.436	1035	1037	1043	rVB2	67578	57307	3.84%	0.264%
27	8.525	1048	1052	1056	rVB4	154221	187504	12.56%	0.862%
28	8.566	1056	1059	1063	rBV4	58934	84496	5.66%	0.389%
29	8.601	1063	1065	1067	rVV	61656	53862	3.61%	0.248%
30	8.648	1070	1073	1075	rVV	209628	174949	11.72%	0.804%
31	8.742	1086	1089	1091	rBV2	86331	67326	4.51%	0.310%
32	8.772	1091	1094	1096	rVV2	41160	46967	3.15%	0.216%
33	8.819	1096	1102	1106	rVV	406115	384443	25.75%	1.768%
34	8.866	1106	1110	1112	rVV4	50180	89085	5.97%	0.410%

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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-BF061918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.907	1115	1117	1123	rVV3	81533	114332	7.66%	0.526%
36	8.954	1123	1125	1128	rVV	77016	67016	4.49%	0.308%
37	9.060	1140	1143	1146	rVV	138737	120397	8.06%	0.554%
38	9.101	1148	1150	1151	rVV	54981	44994	3.01%	0.207%
39	9.142	1154	1157	1160	rVB3	76144	94940	6.36%	0.437%
40	9.177	1160	1163	1166	rBV3	99703	99674	6.68%	0.458%
41	9.248	1172	1175	1177	rVB	176617	134913	9.04%	0.620%
42	9.313	1183	1186	1190	rVB	513894	457771	30.66%	2.105%
43	9.383	1194	1198	1201	rVV	382444	331692	22.22%	1.525%
44	9.589	1227	1233	1236	rBV3	58823	91684	6.14%	0.422%
45	9.660	1242	1245	1247	rVB	66715	55125	3.69%	0.253%
46	9.701	1247	1252	1260	rVB4	255613	340955	22.84%	1.568%
47	9.860	1276	1279	1283	rBV2	59659	61635	4.13%	0.283%
48	9.913	1285	1288	1292	rVB	303230	247165	16.55%	1.137%
49	10.001	1301	1303	1306	rVV	357985	316050	21.17%	1.453%
50	10.036	1306	1309	1312	rVB	221367	168816	11.31%	0.776%
51	10.142	1324	1327	1330	rBV3	31975	49624	3.32%	0.228%
52	10.207	1334	1338	1340	rBV2	139841	139718	9.36%	0.642%
53	10.236	1340	1343	1347	rVB3	58093	82646	5.54%	0.380%
54	10.313	1353	1356	1359	rBV2	47073	55035	3.69%	0.253%
55	10.342	1359	1361	1368	rVB3	41733	55141	3.69%	0.254%
56	10.413	1369	1373	1376	rBV	232933	196021	13.13%	0.901%
57	10.554	1393	1397	1402	rVB	264264	242572	16.25%	1.115%
58	10.630	1406	1410	1413	rVV3	114032	144365	9.67%	0.664%
59	10.707	1421	1423	1428	rVV2	49410	54012	3.62%	0.248%
60	10.795	1434	1438	1441	rBV2	314487	288677	19.33%	1.327%
61	10.883	1450	1453	1463	rVB2	175323	286358	19.18%	1.317%
62	11.336	1527	1530	1532	rBV2	135305	113949	7.63%	0.524%
63	11.366	1532	1535	1537	rVV	61730	61694	4.13%	0.284%
64	11.389	1537	1539	1543	rVB	67473	61443	4.12%	0.283%
65	11.495	1554	1557	1559	rBV	363161	350415	23.47%	1.611%
66	11.524	1559	1562	1565	rVV	1073472	944326	63.25%	4.342%
67	11.571	1567	1570	1574	rVV	397317	350015	23.44%	1.609%
68	11.730	1592	1597	1600	rBV	74760	100168	6.71%	0.461%
69	11.760	1600	1602	1605	rVB	113491	85831	5.75%	0.395%
70	11.866	1617	1620	1623	rVB	397378	305026	20.43%	1.403%
71	11.995	1639	1642	1645	rBV	118636	107188	7.18%	0.493%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	12.024	1645	1647	1650	rVB	178463	143240	9.59%	0.659%
73	12.071	1653	1655	1658	rVB	74503	63557	4.26%	0.292%
74	12.113	1658	1662	1664	rBV2	258540	255407	17.11%	1.174%
75	12.171	1669	1672	1675	rBV2	90724	84483	5.66%	0.388%
76	12.289	1690	1692	1695	rVB	94955	78602	5.26%	0.361%
77	12.560	1733	1738	1740	rBV2	1289946	1493044	100.00%	6.865%
78	12.577	1740	1741	1748	rVB2	1041055	776759	52.03%	3.572%
79	12.660	1749	1755	1759	rBV2	239180	270894	18.14%	1.246%
80	12.724	1761	1766	1769	rVV	1136819	1188589	79.61%	5.465%
81	12.954	1798	1805	1809	rBV2	1043880	1303091	87.28%	5.992%
82	12.995	1809	1812	1816	rBV2	61016	63795	4.27%	0.293%
83	13.077	1822	1826	1829	rVB2	509414	469512	31.45%	2.159%
84	13.107	1829	1831	1834	rVB	56188	48807	3.27%	0.224%
85	13.154	1837	1839	1844	rVB2	61100	93630	6.27%	0.431%
86	13.248	1852	1855	1856	rBV3	59514	59825	4.01%	0.275%
87	13.271	1857	1859	1864	rVB2	194743	213132	14.27%	0.980%
88	13.342	1868	1871	1873	rVB	174632	148932	9.98%	0.685%
89	13.383	1873	1878	1880	rBV3	107126	141984	9.51%	0.653%
90	13.507	1896	1899	1907	rVB4	60765	105350	7.06%	0.484%
91	13.895	1963	1965	1967	rBV	59667	50492	3.38%	0.232%
92	13.924	1968	1970	1972	rVV	75046	58213	3.90%	0.268%
93	13.960	1972	1976	1979	rVV2	102103	129367	8.66%	0.595%
94	14.142	2003	2007	2011	rBV2	540682	774201	51.85%	3.560%
95	14.177	2011	2013	2016	rVB	435284	327717	21.95%	1.507%
96	14.259	2024	2027	2029	rBV	119565	113385	7.59%	0.521%
97	15.236	2189	2193	2196	rBV	240094	367546	24.62%	1.690%
98	15.559	2245	2248	2253	rVB	153196	192738	12.91%	0.886%
99	15.624	2255	2259	2264	rBV	251113	327637	21.94%	1.507%
100	15.695	2268	2271	2273	rVB	115887	134794	9.03%	0.620%

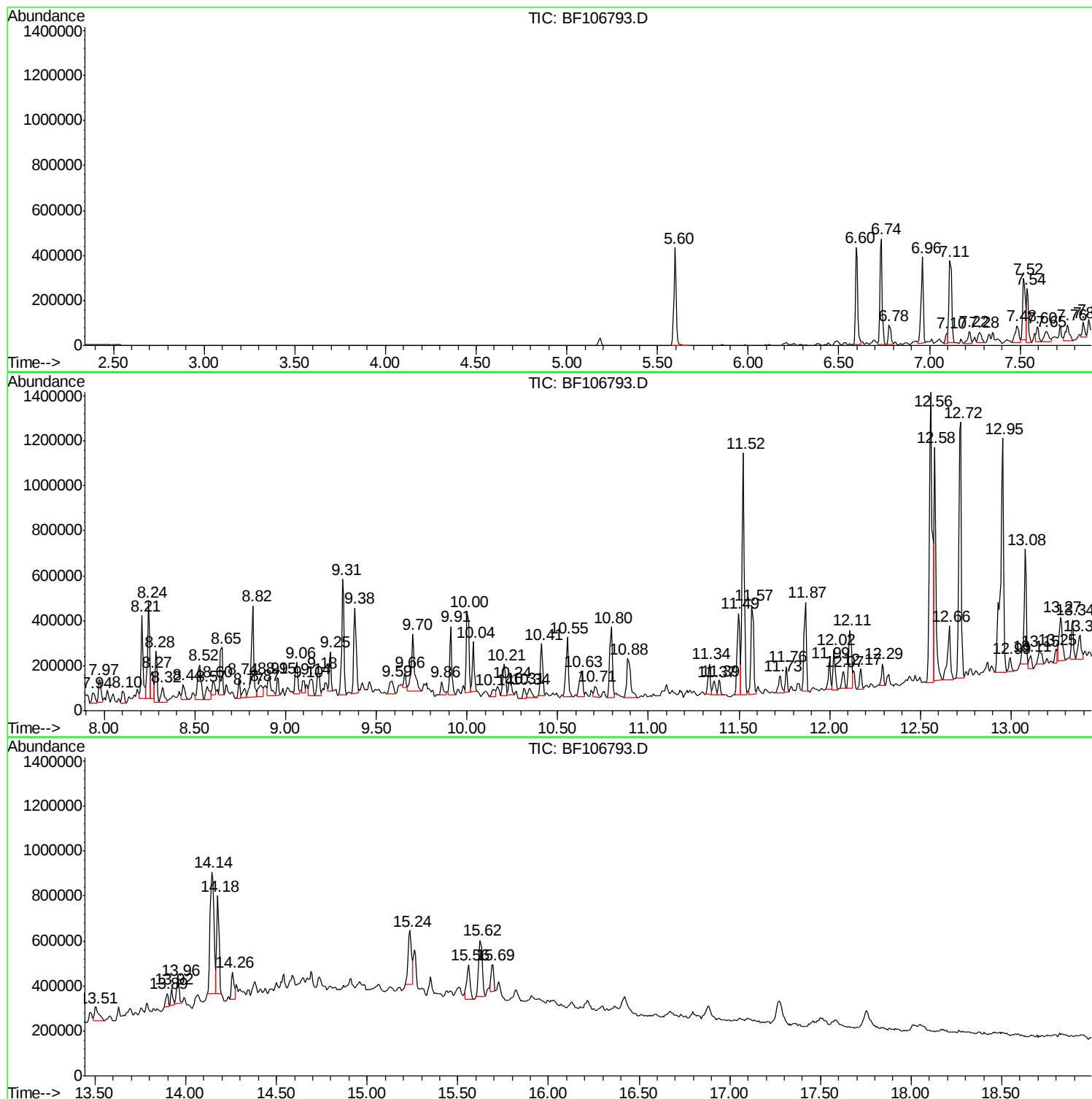
Sum of corrected areas: 21747802

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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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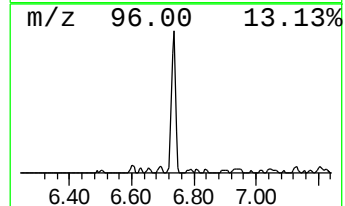
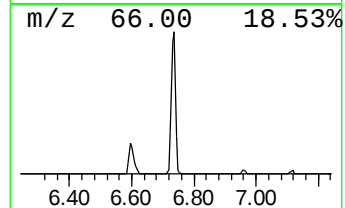
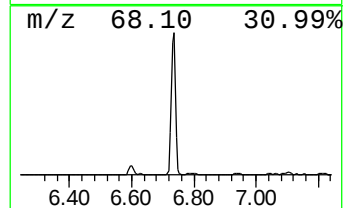
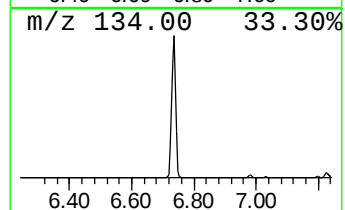
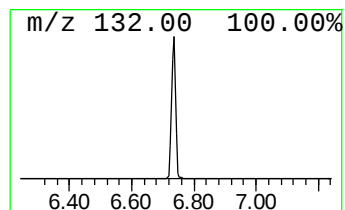
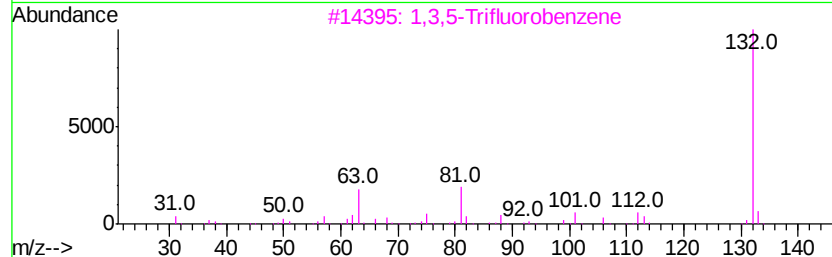
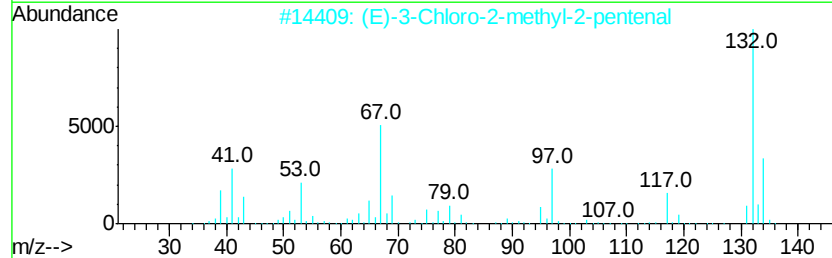
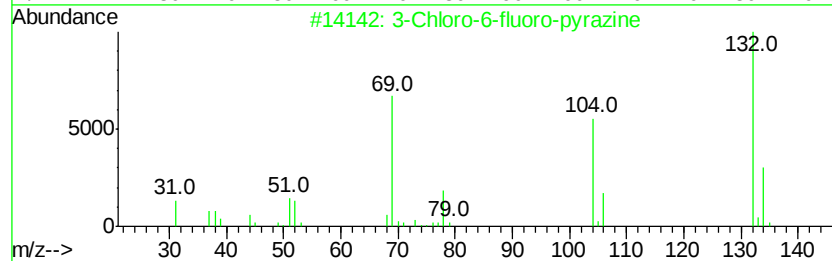
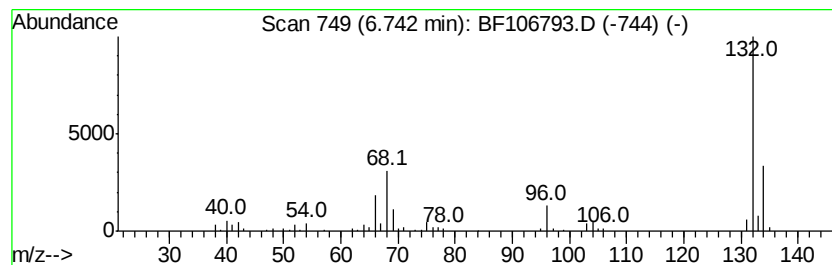
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	26.45 ng	418163	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		Xenon	132	Xe	007440-63-3	9



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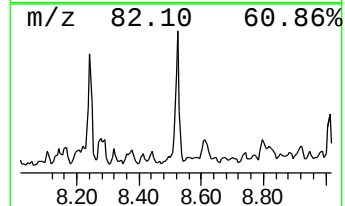
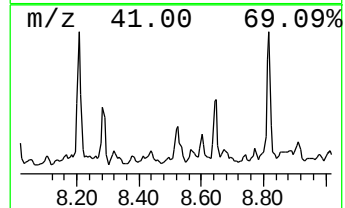
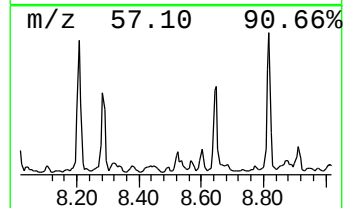
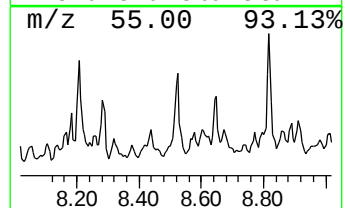
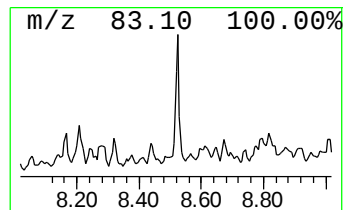
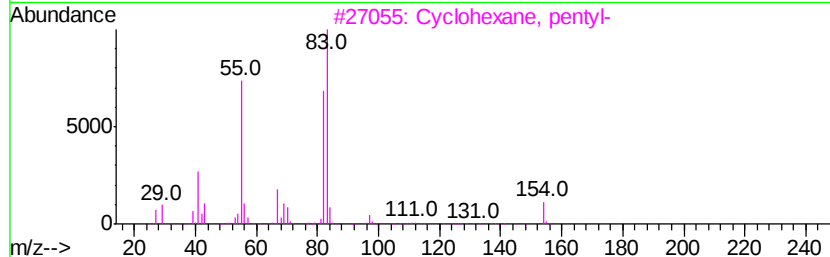
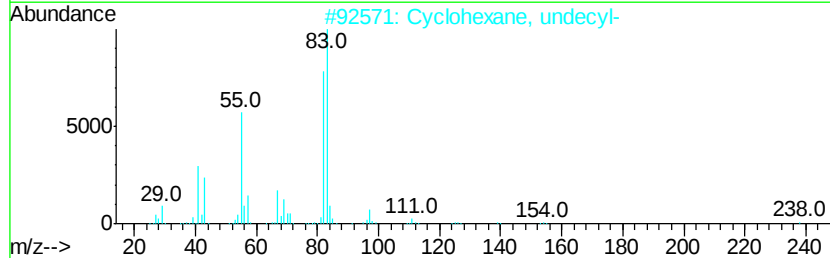
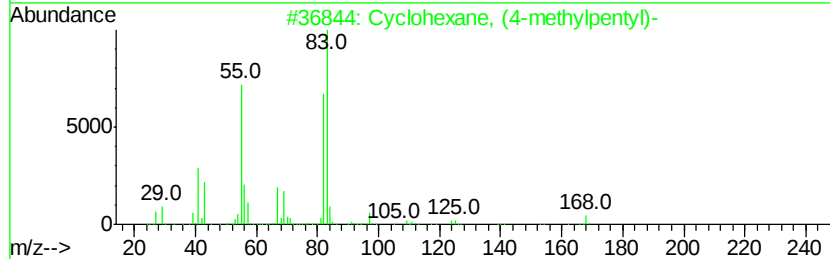
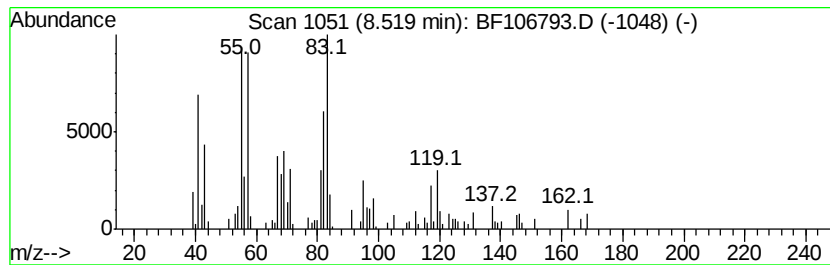
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	10.48 ng	187504	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	47
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	47



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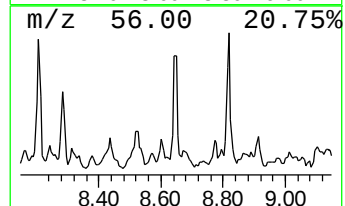
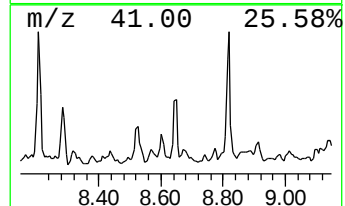
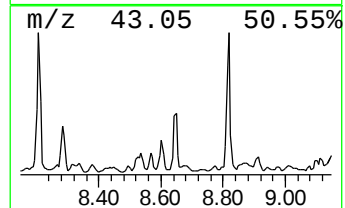
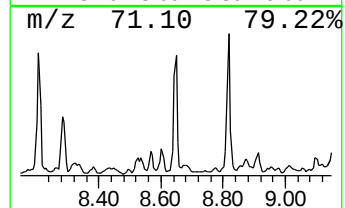
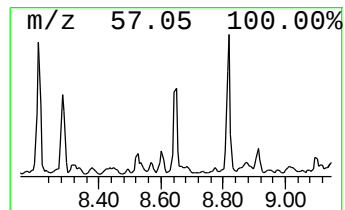
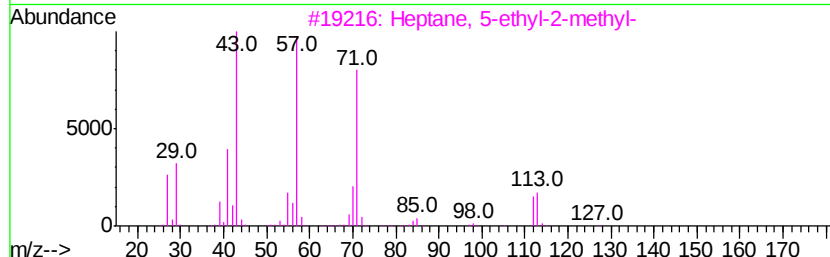
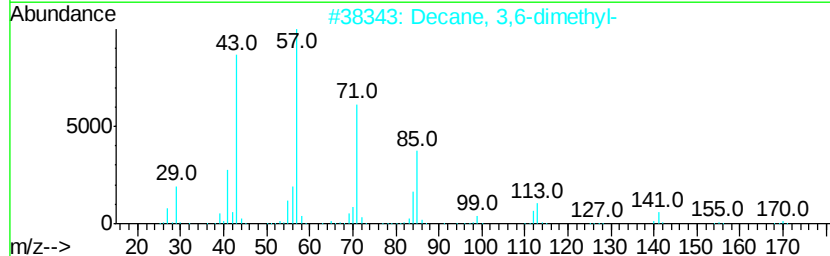
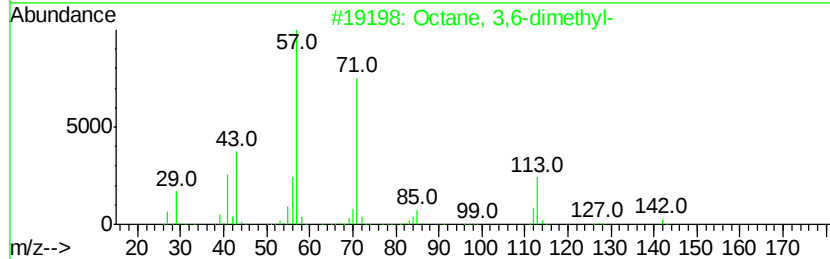
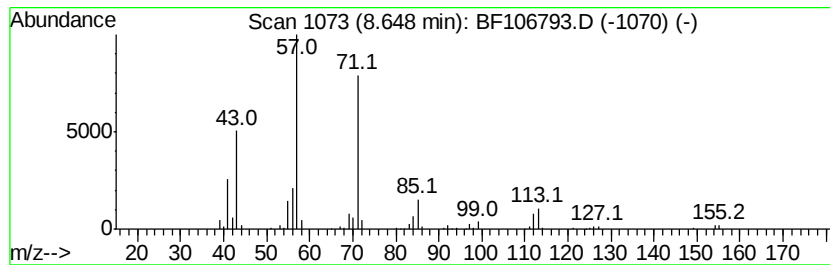
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	9.78 ng	174949	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
3		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
Acq On : 26 Jun 2018 00:59
Operator : JU/SJ
Sample : J3241-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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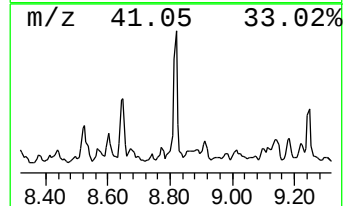
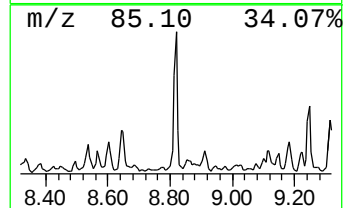
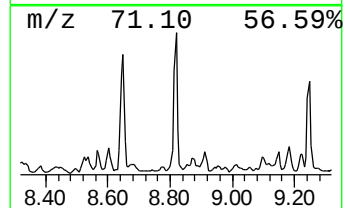
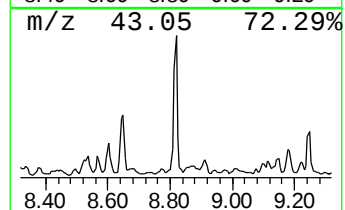
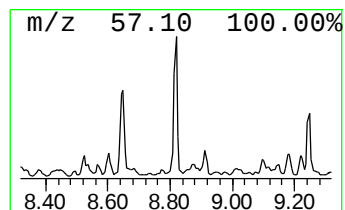
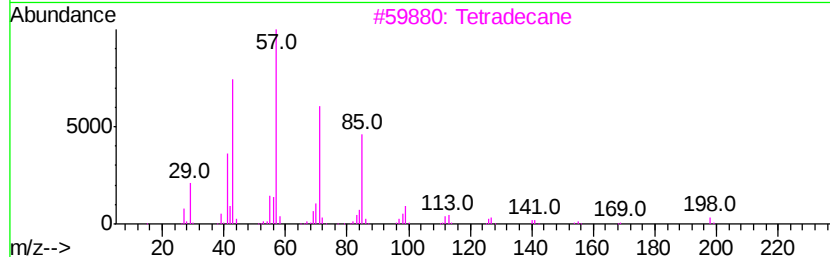
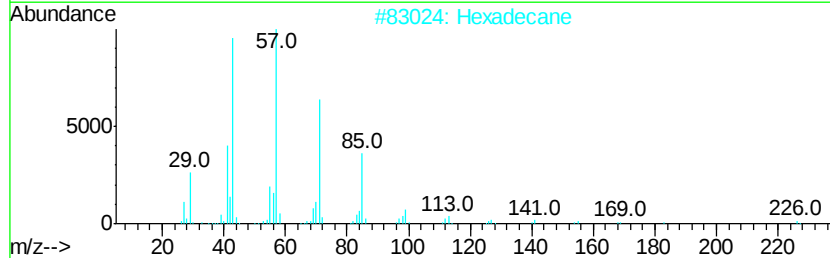
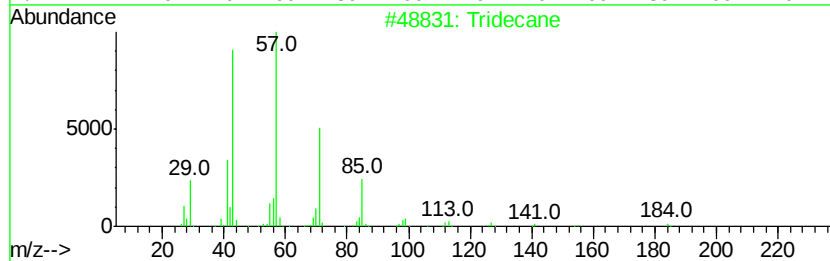
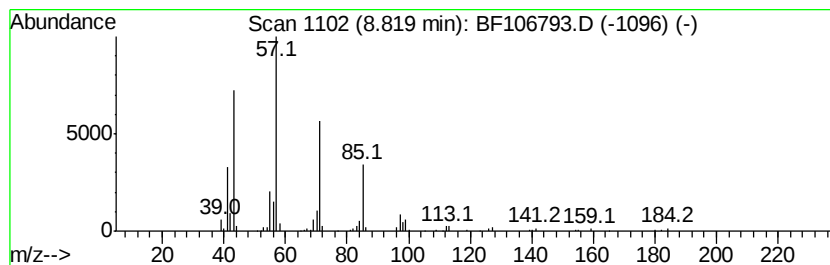
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	21.49 ng	384443	Naphthalene-d8	8.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Hexadecane		226	C16H34	000544-76-3	87
3	Tetradecane		198	C14H30	000629-59-4	86
4	Nonadecane		268	C19H40	000629-92-5	78
5	Sulfurous acid, butyl nonyl ester		264	C13H28O3S	1000309-17-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
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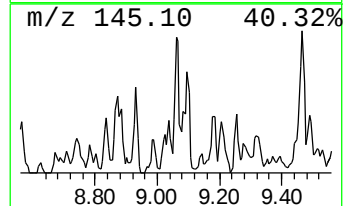
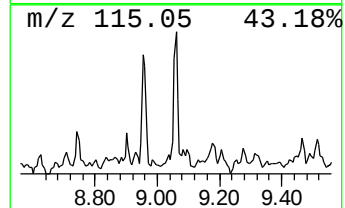
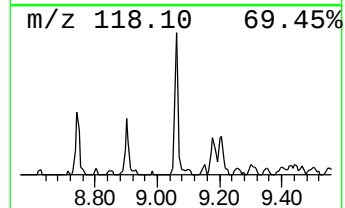
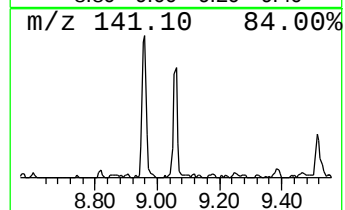
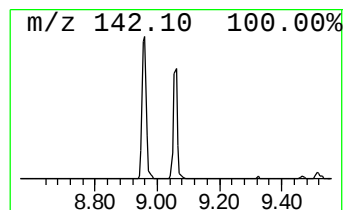
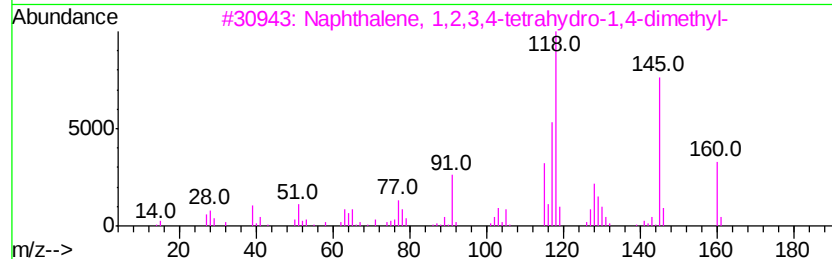
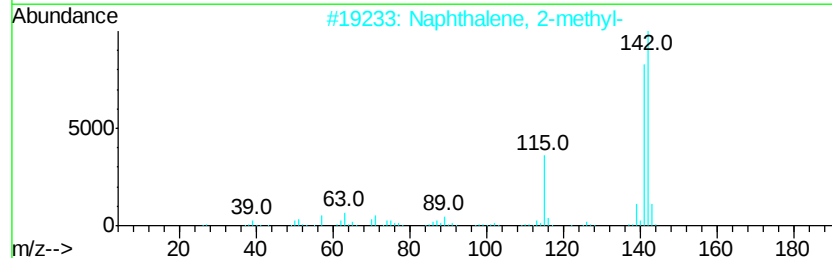
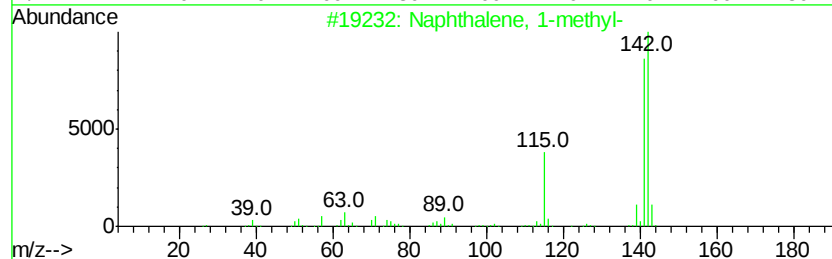
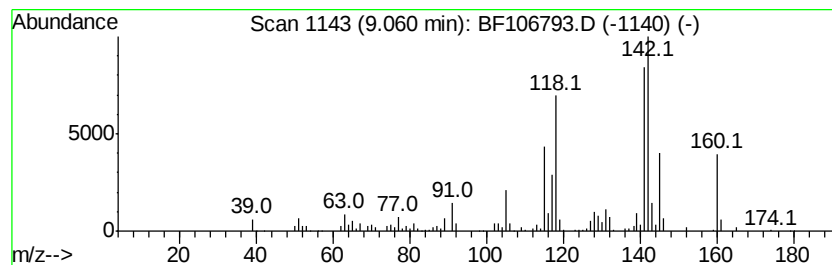
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	6.73 ng	120397	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	84
4		Benzocycloheptatriene	142	C11H10	000264-09-5	55
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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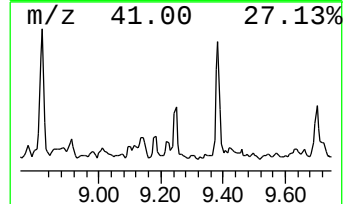
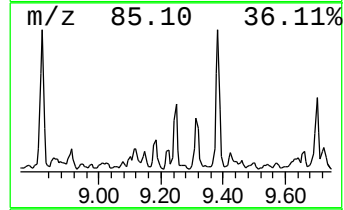
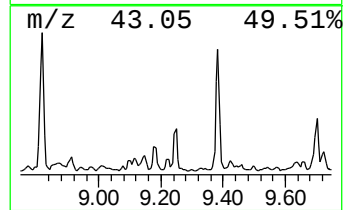
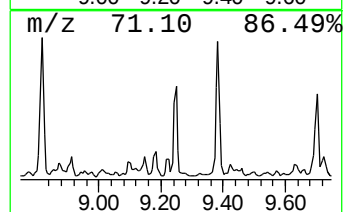
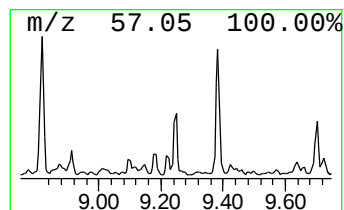
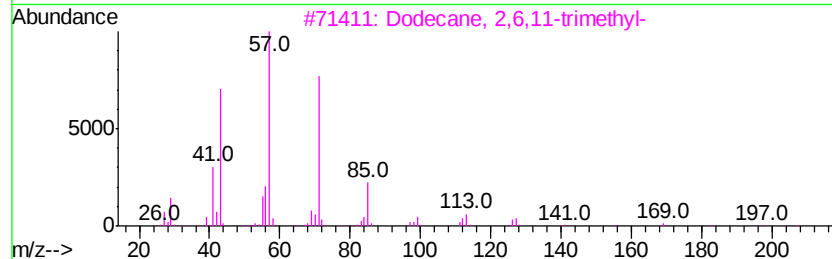
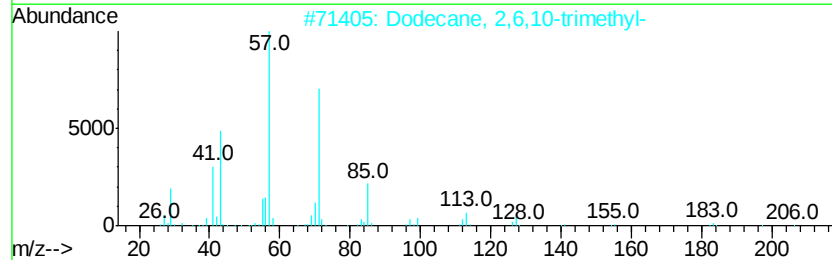
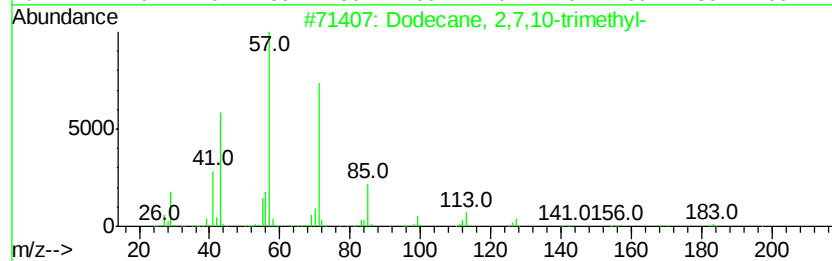
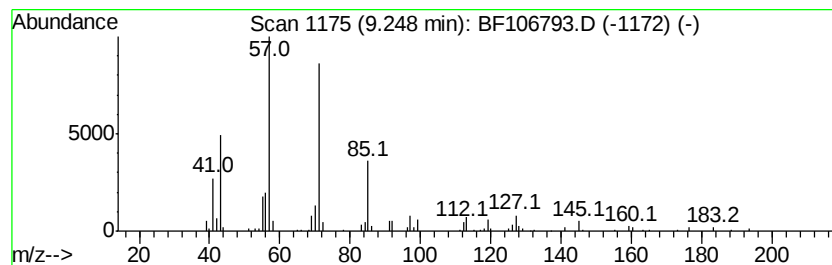
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	8.54 ng	134913	Acenaphthene-d10	10.00

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	72
4		Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	53
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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Sample : J3241-13 2X
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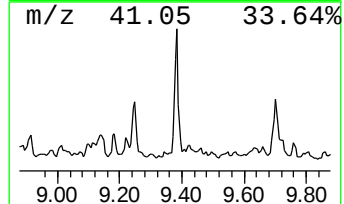
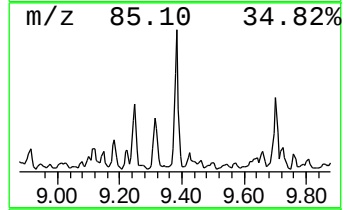
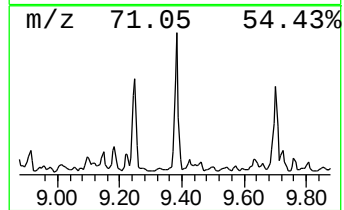
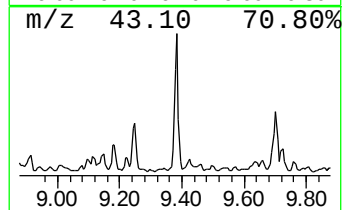
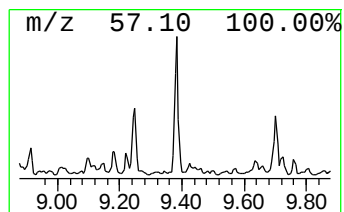
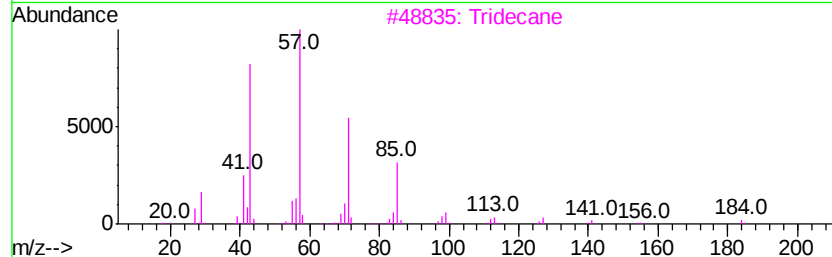
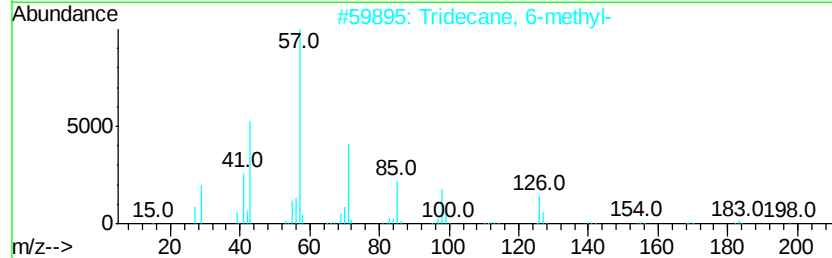
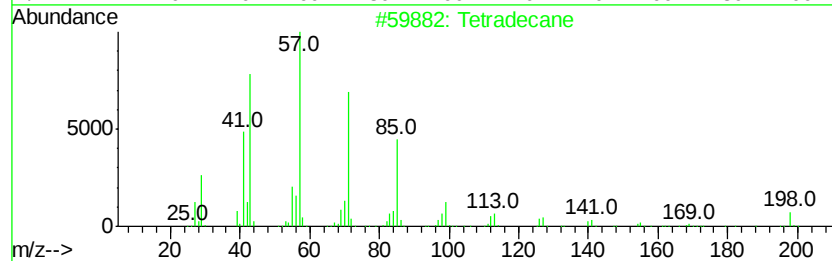
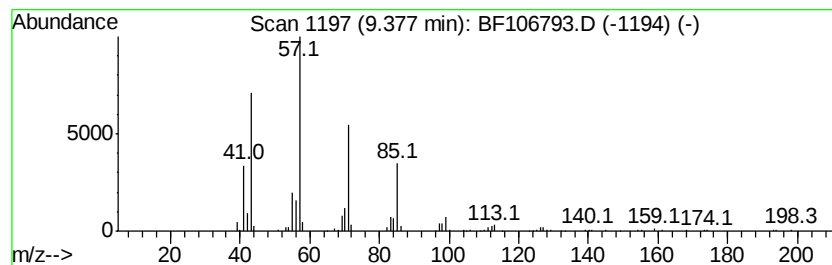
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	20.99 ng	331692	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		9-methylheptadecane	254	C18H38	026741-18-4	83



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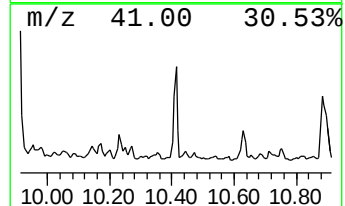
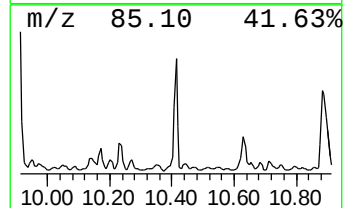
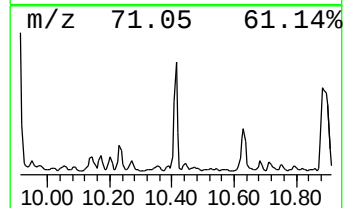
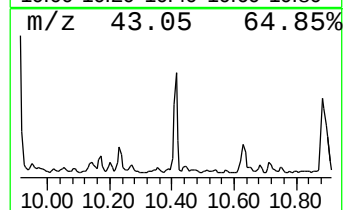
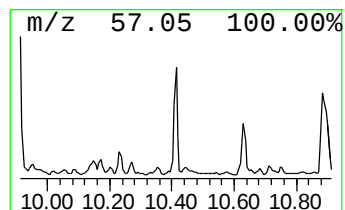
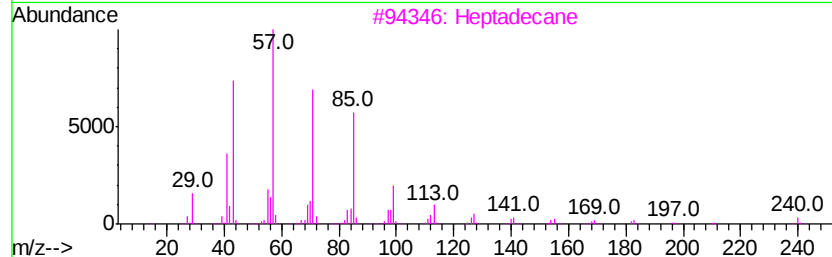
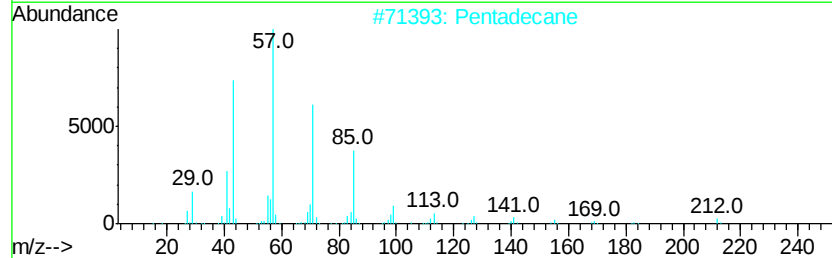
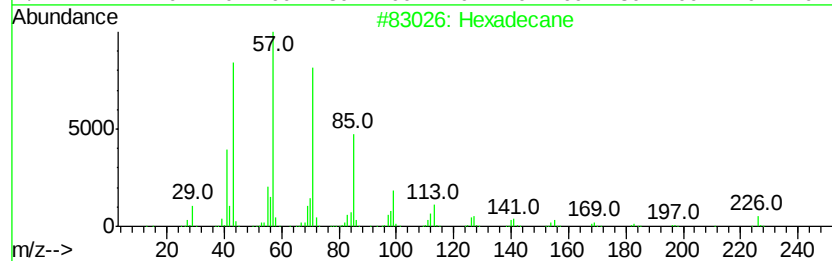
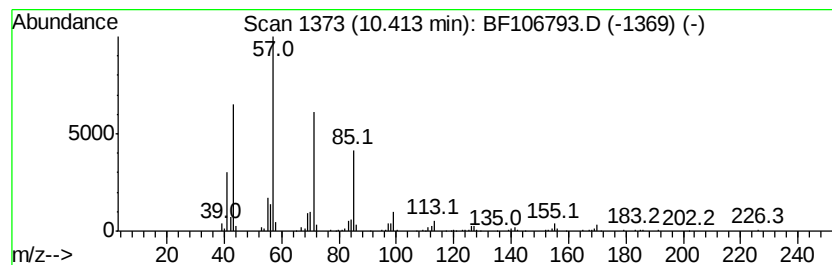
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.41	12.40 ng	196021	Acenaphthene-d10		10.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Heneicosane	296	C21H44	000629-94-7	78



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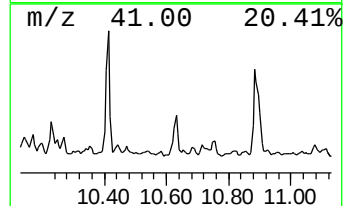
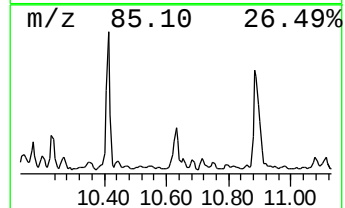
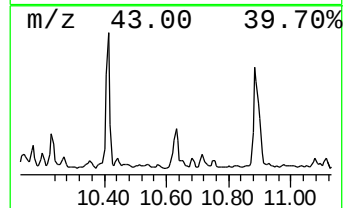
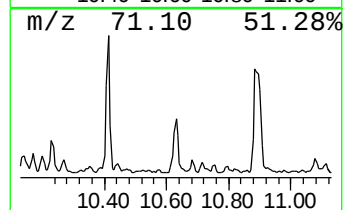
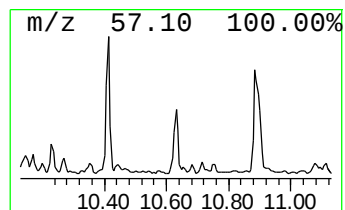
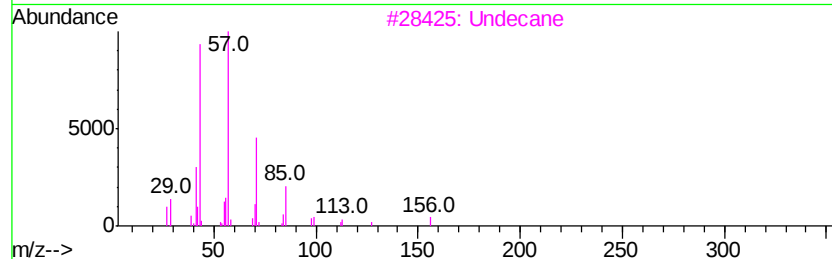
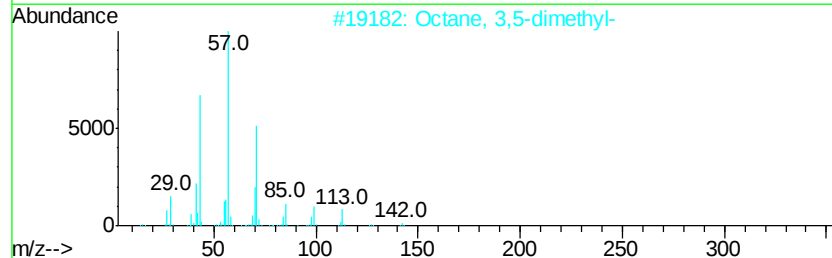
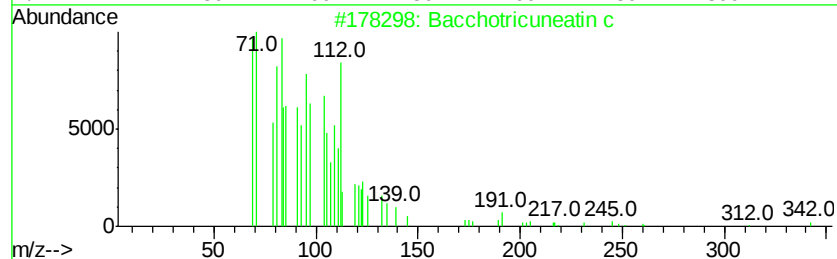
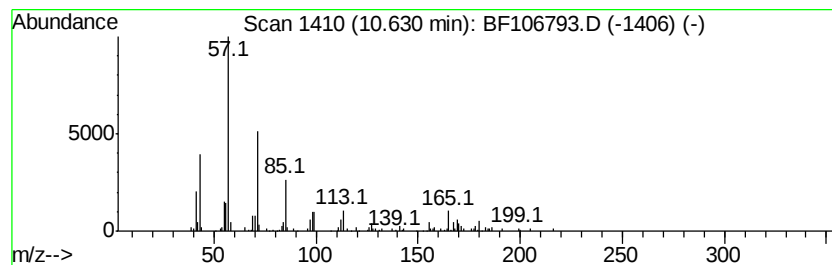
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bacchotricuneatin c Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	9.14 ng	144365	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	76
3		Undecane	156	C11H24	001120-21-4	72
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	62
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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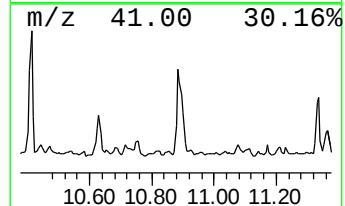
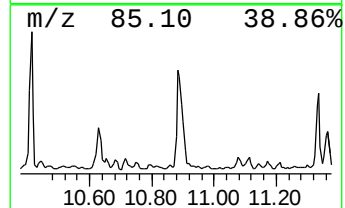
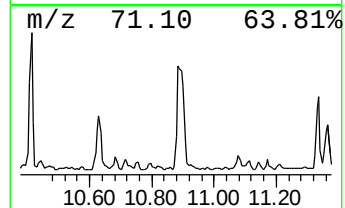
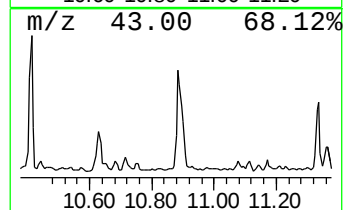
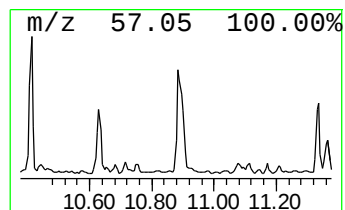
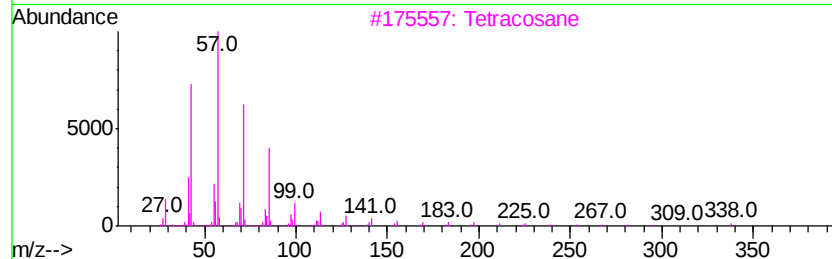
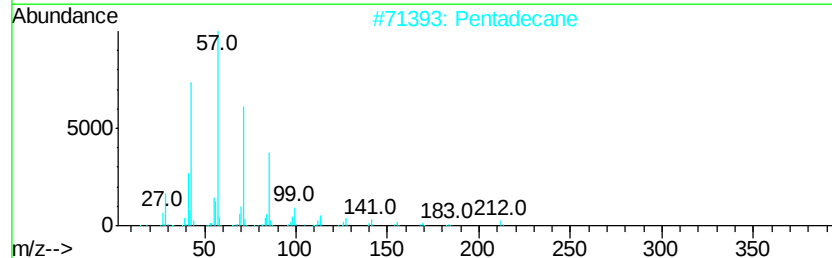
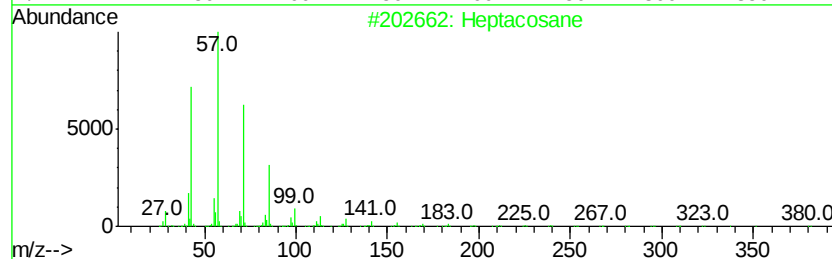
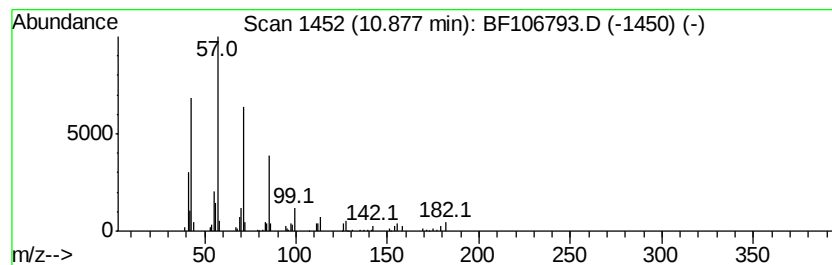
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	16.34 ng	286358	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
Acq On : 26 Jun 2018 00:59
Operator : JU/SJ
Sample : J3241-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-A

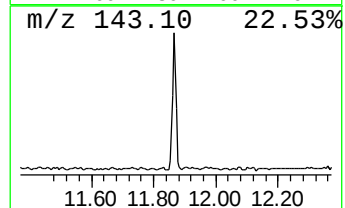
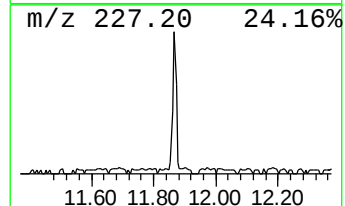
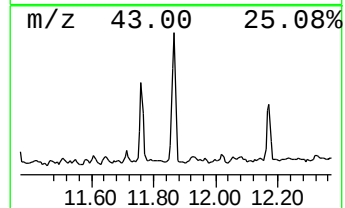
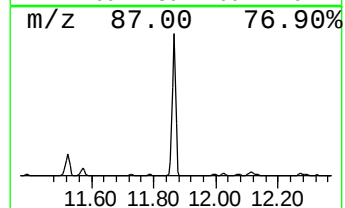
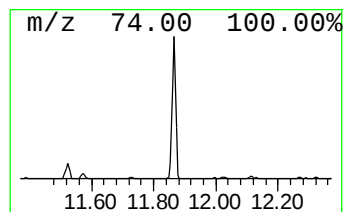
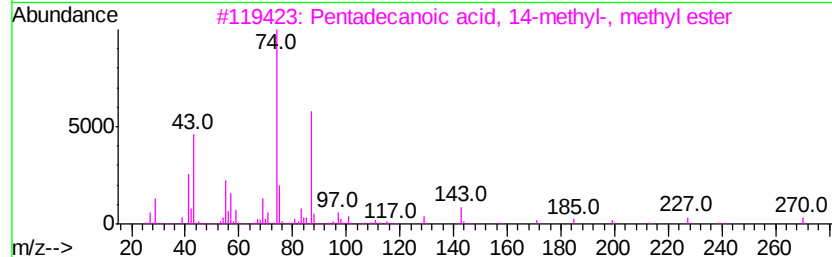
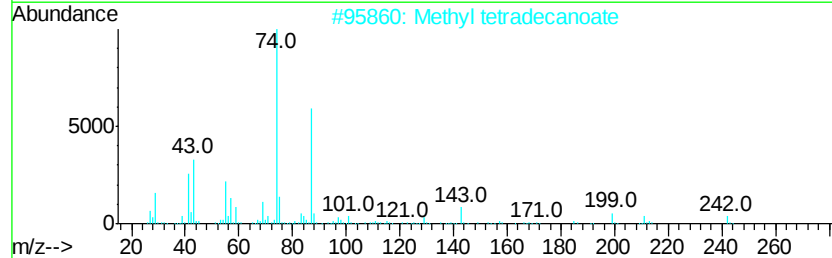
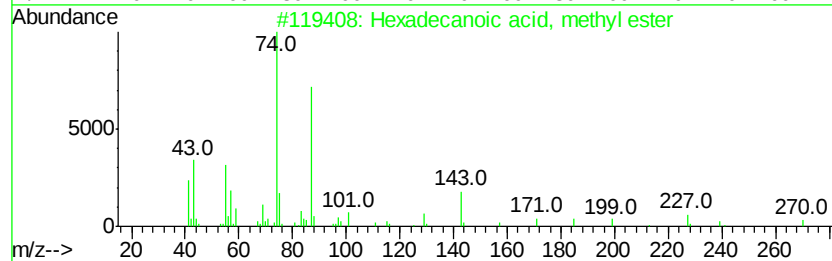
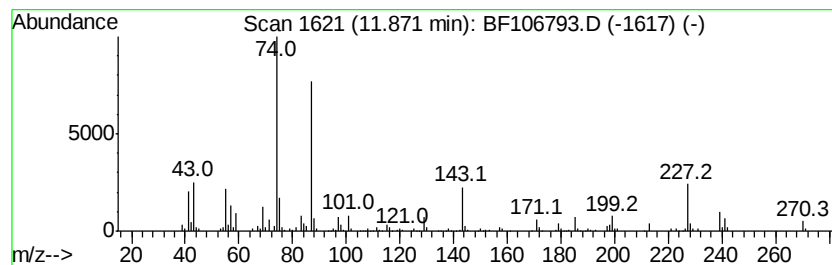
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	17.41 ng	305026	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
Acq On : 26 Jun 2018 00:59
Operator : JU/SJ
Sample : J3241-13 2X
Misc :
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ClientSampleId :
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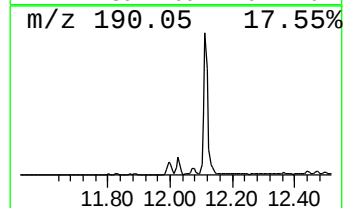
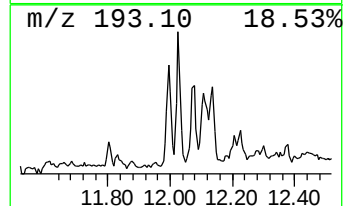
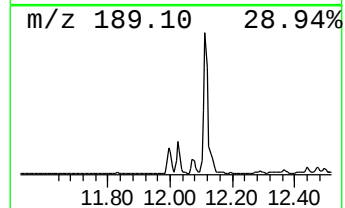
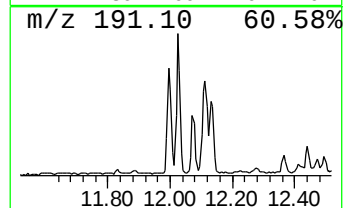
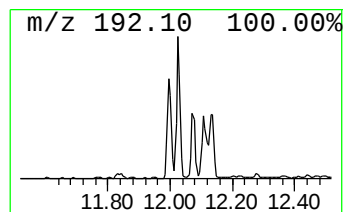
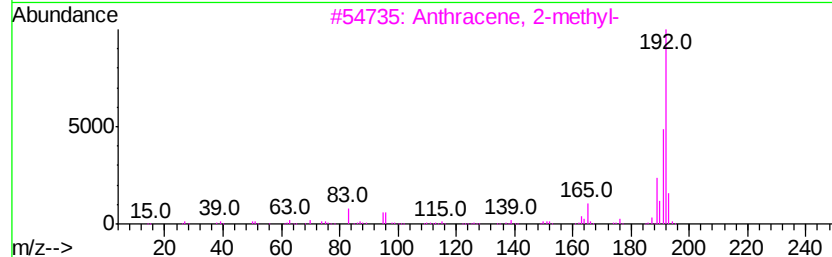
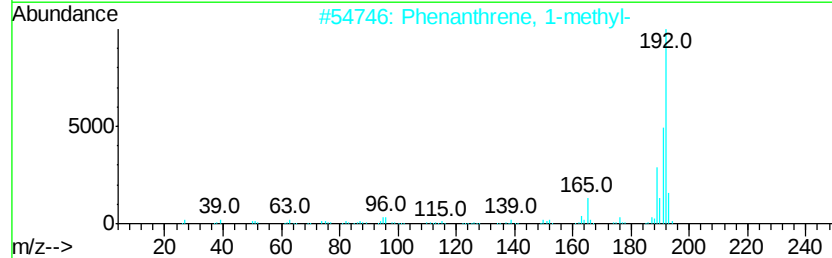
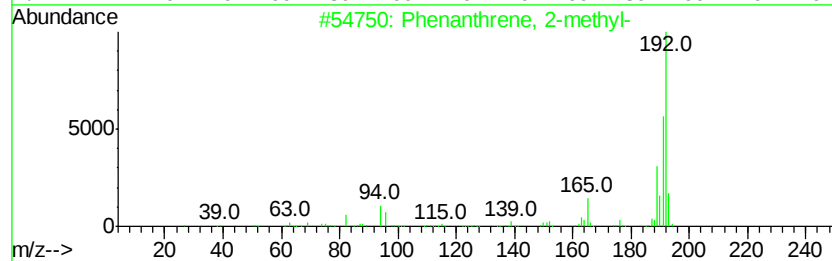
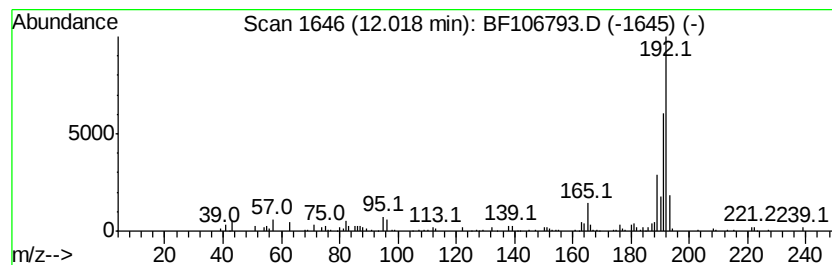
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.18 ng	143240	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
Acq On : 26 Jun 2018 00:59
Operator : JU/SJ
Sample : J3241-13 2X
Misc :
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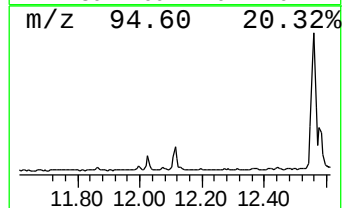
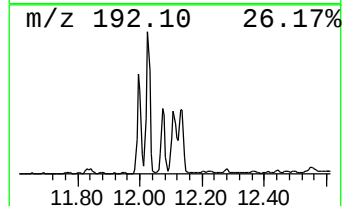
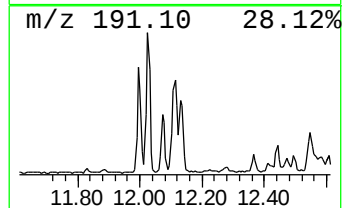
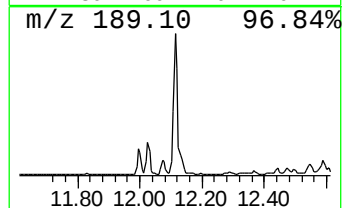
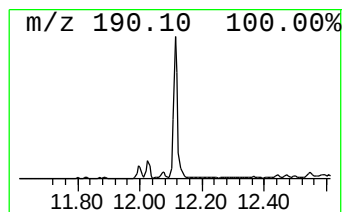
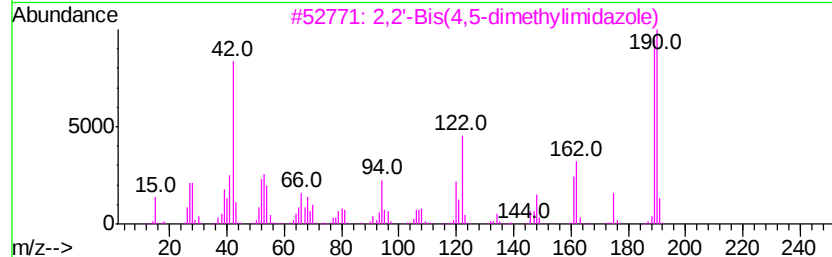
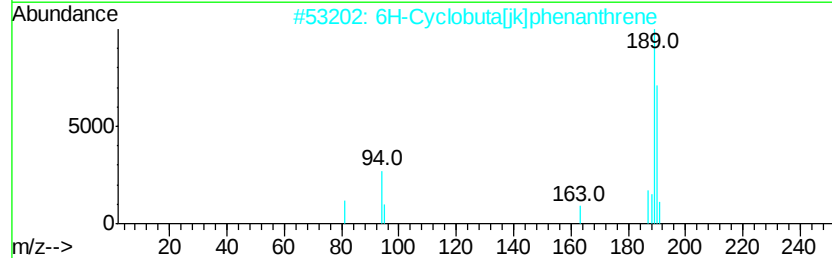
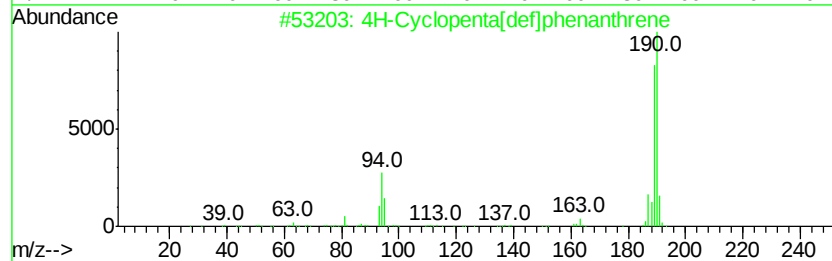
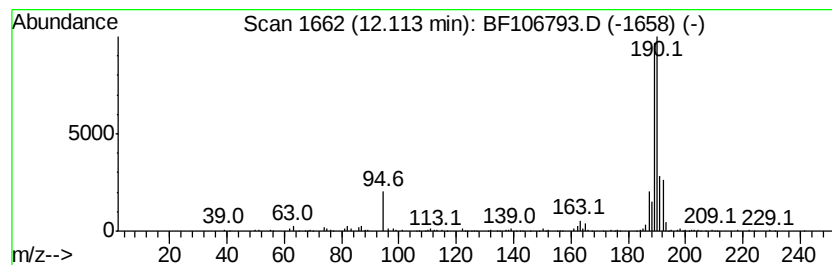
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.11	14.58 ng	255407	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
Acq On : 26 Jun 2018 00:59
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Sample : J3241-13 2X
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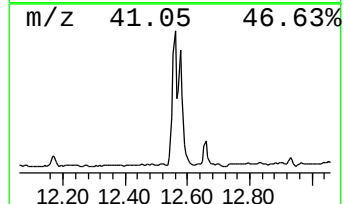
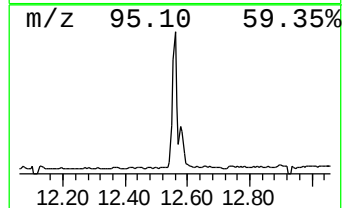
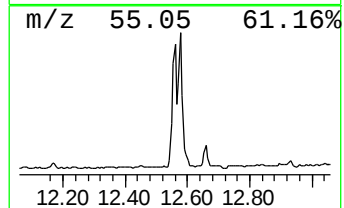
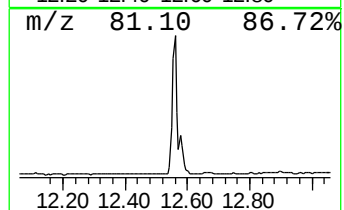
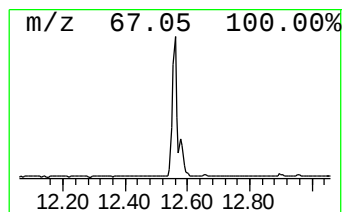
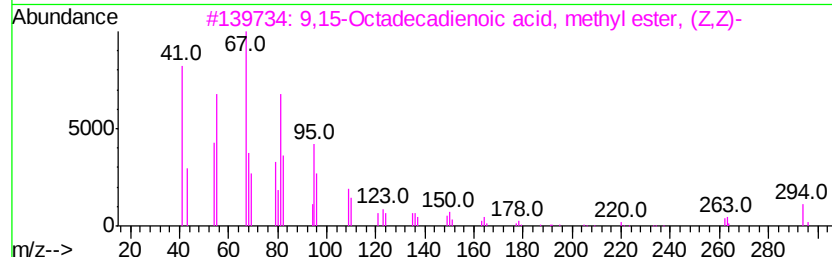
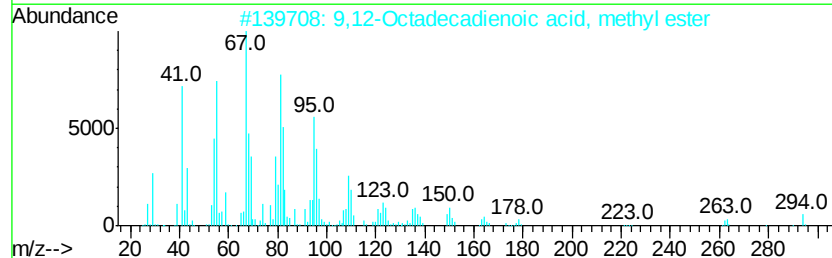
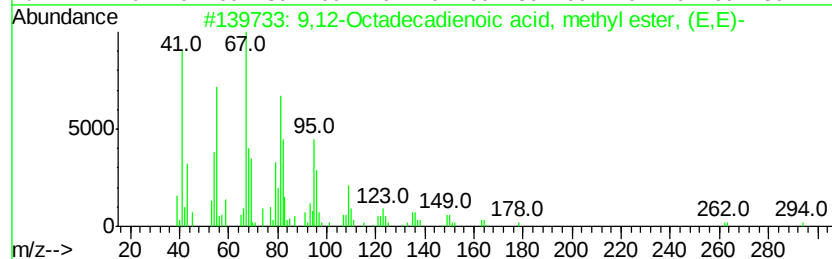
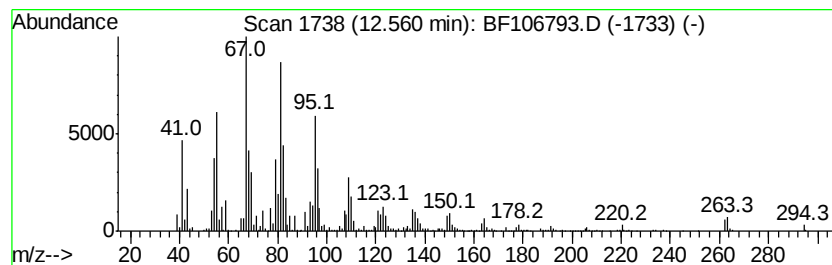
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	85.22 ng	1493040	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	96
5		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
Acq On : 26 Jun 2018 00:59
Operator : JU/SJ
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Misc :
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ClientSampleId :
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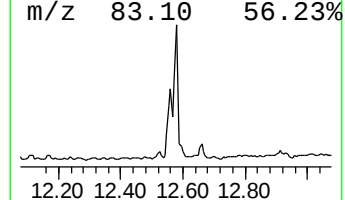
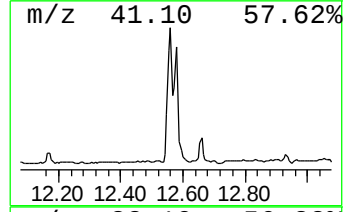
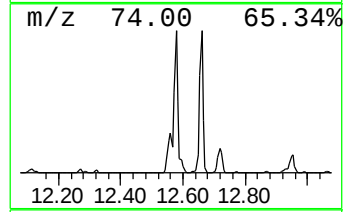
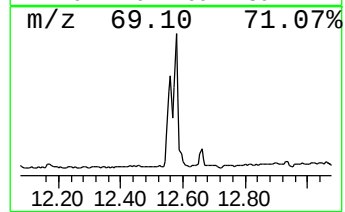
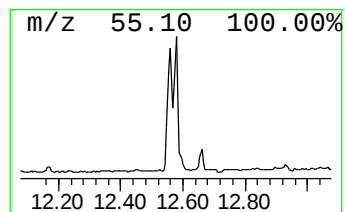
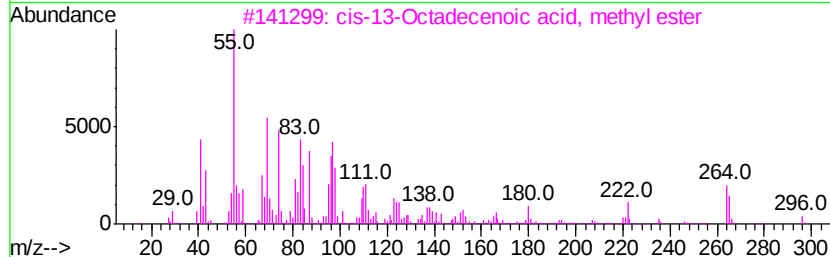
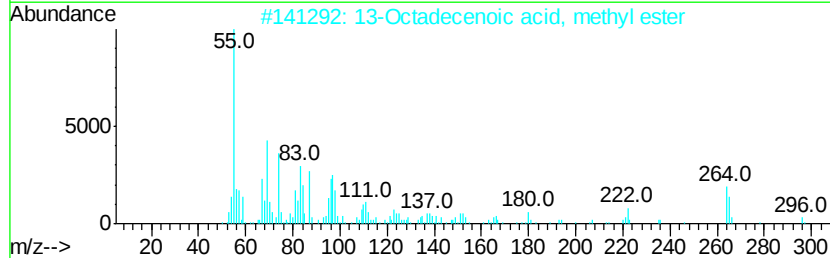
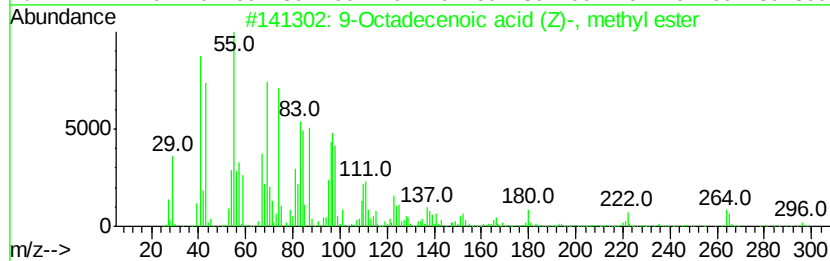
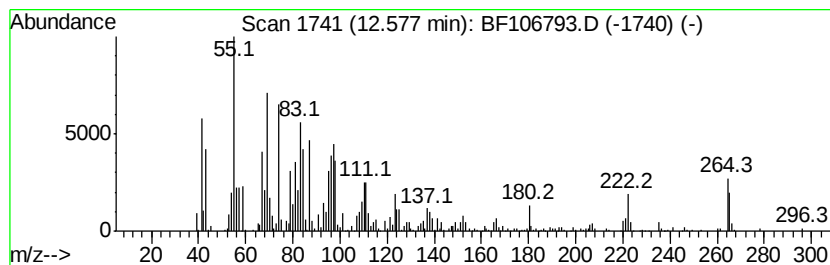
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	44.33 ng	776759	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
3		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	94
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
5		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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Misc :
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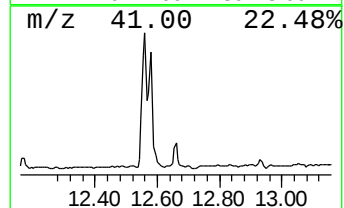
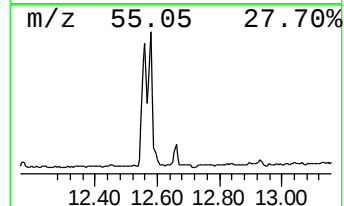
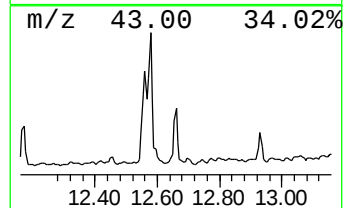
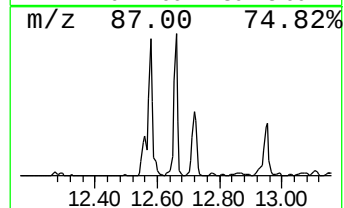
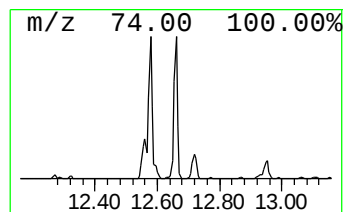
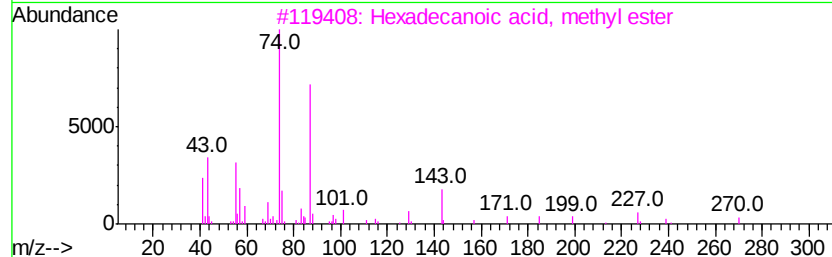
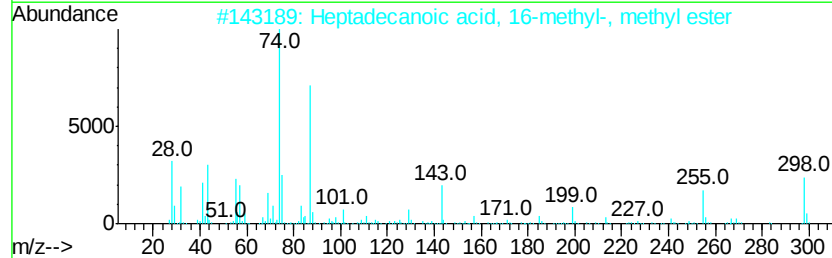
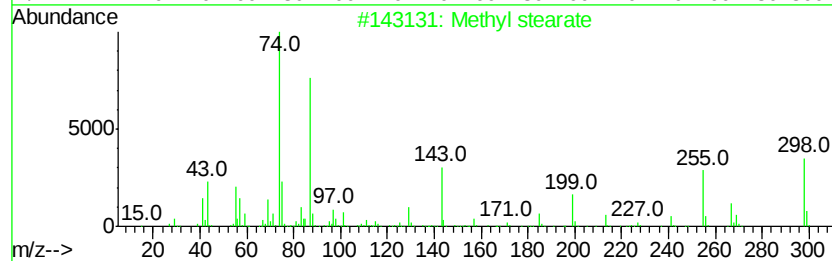
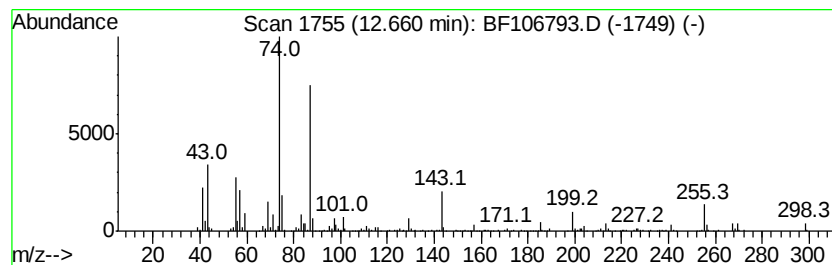
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	15.46 ng	270894	Phenanthrene-d10	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 97
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 93
3		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 90
4		Tridecanoic acid, 12-methyl-, me...	242 C15H30O2	005129-58-8 90
5		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
 Data File : BF106793.D
 Acq On : 26 Jun 2018 00:59
 Operator : JU/SJ
 Sample : J3241-13 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.74	6.74	26.4	ng	418163	1	6.96	316204	20.0
Cyclohexane, (4-m...	8.52	10.5	ng	187504	2	8.24	357735	20.0
Octane, 3,6-dimet...	8.65	9.8	ng	174949	2	8.24	357735	20.0
Tridecane	8.82	21.5	ng	384443	2	8.24	357735	20.0
Naphthalene, 1-me...	9.06	6.7	ng	120397	2	8.24	357735	20.0
Dodecane, 2,7,10-...	9.25	8.5	ng	134913	3	10.00	316050	20.0
Tetradecane	9.38	21.0	ng	331692	3	10.00	316050	20.0
Hexadecane	10.41	12.4	ng	196021	3	10.00	316050	20.0
Bacchotricuneatin c	10.63	9.1	ng	144365	3	10.00	316050	20.0
Heptacosane	10.88	16.3	ng	286358	4	11.49	350415	20.0
Hexadecanoic acid...	11.87	17.4	ng	305026	4	11.49	350415	20.0
Phenanthrene, 2-m...	12.02	8.2	ng	143240	4	11.49	350415	20.0
4H-Cyclopenta[def...	12.11	14.6	ng	255407	4	11.49	350415	20.0
9,12-Octadecadien...	12.56	85.2	ng	1493040	4	11.49	350415	20.0
9-Octadecenoic ac...	12.58	44.3	ng	776759	4	11.49	350415	20.0
Methyl stearate	12.66	15.5	ng	270894	4	11.49	350415	20.0