

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109658.D
 Acq On : 8 Oct 2018 20:05
 Operator : JU/SJ
 Sample : J5270-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-C

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-BF100818.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	2.728	96	109	117	rVB	48009	98769	10.08%	0.390%
2	3.669	260	269	284	rBV2	29885	82861	8.46%	0.327%
3	4.887	472	476	481	rBV	61397	71363	7.28%	0.282%
4	5.269	537	541	546	rBV2	107470	152636	15.58%	0.602%
5	5.316	546	549	561	rBV	358761	520576	53.14%	2.054%
6	5.534	583	586	595	rVB	105701	142964	14.59%	0.564%
7	5.851	636	640	645	rVB2	52281	66273	6.77%	0.261%
8	5.946	653	656	663	rVB2	71522	85049	8.68%	0.336%
9	6.140	684	689	697	rBV4	30533	82050	8.38%	0.324%
10	6.222	701	703	713	rVB3	59575	102086	10.42%	0.403%
11	6.346	721	724	738	rVV	455431	839513	85.70%	3.312%
12	6.469	741	745	751	rVV	700180	842220	85.98%	3.323%
13	6.522	751	754	756	rVV	154934	170155	17.37%	0.671%
14	6.540	756	757	770	rVB	124920	130762	13.35%	0.516%
15	6.698	780	784	787	rVV	458176	541738	55.30%	2.137%
16	6.757	791	794	803	rVV2	75336	120544	12.31%	0.476%
17	6.851	806	810	820	rBV	605796	657244	67.09%	2.593%
18	7.257	876	879	884	rVV	351002	460407	47.00%	1.816%
19	7.304	884	887	890	rVV	186699	196653	20.07%	0.776%
20	7.345	890	894	898	rVV5	47480	83585	8.53%	0.330%
21	7.975	997	1001	1004	rVV	854783	966465	98.66%	3.813%
22	7.998	1004	1005	1012	rVV	301591	326214	33.30%	1.287%
23	8.051	1012	1014	1016	rVV	109668	95790	9.78%	0.378%
24	8.410	1070	1075	1079	rBV	179632	175235	17.89%	0.691%
25	8.575	1100	1103	1110	rBV	203068	223946	22.86%	0.884%
26	8.687	1116	1122	1130	rBV	334599	369392	37.71%	1.457%
27	8.787	1135	1139	1143	rBV	265155	254729	26.00%	1.005%
28	9.004	1173	1176	1180	rVB	127681	113421	11.58%	0.447%
29	9.051	1180	1184	1190	rBV	930530	966011	98.61%	3.811%
30	9.139	1194	1199	1206	rVV2	265764	301783	30.81%	1.191%
31	9.251	1215	1218	1221	rBV2	56665	67338	6.87%	0.266%
32	9.316	1225	1229	1233	rVV2	110307	170495	17.40%	0.673%
33	9.386	1238	1241	1243	rVV	285377	303258	30.96%	1.196%
34	9.410	1243	1245	1248	rVV	205942	218578	22.31%	0.862%

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35	9.439	1248	1250	1252	rVV2	117414	146750	14.98%	0.579%
36	9.457	1252	1253	1258	rVV	211124	210619	21.50%	0.831%
37	9.504	1258	1261	1269	rVV	125894	208181	21.25%	0.821%
38	9.669	1286	1289	1293	rBV	241272	210431	21.48%	0.830%
39	9.722	1293	1298	1302	rBV	897737	979602	100.00%	3.865%
40	9.751	1302	1303	1308	rVB3	104217	107657	10.99%	0.425%
41	9.834	1313	1317	1321	rBV	58980	67049	6.84%	0.265%
42	9.886	1321	1326	1330	rBV2	59806	105103	10.73%	0.415%
43	9.928	1330	1333	1336	rBV	160847	152490	15.57%	0.602%
44	9.992	1341	1344	1348	rVB5	93276	100148	10.22%	0.395%
45	10.039	1349	1352	1355	rBV	88186	88388	9.02%	0.349%
46	10.128	1364	1367	1370	rBV2	115173	146188	14.92%	0.577%
47	10.163	1370	1373	1376	rVB	366500	298743	30.50%	1.179%
48	10.210	1378	1381	1387	rVB4	65395	80076	8.17%	0.316%
49	10.263	1387	1390	1393	rBV2	147466	138923	14.18%	0.548%
50	10.386	1407	1411	1414	rVB	136387	134349	13.71%	0.530%
51	10.428	1415	1418	1422	rVB2	111378	127772	13.04%	0.504%
52	10.510	1428	1432	1437	rBV	478018	540766	55.20%	2.133%
53	10.633	1449	1453	1455	rBV	845674	886576	90.50%	3.498%
54	10.945	1503	1506	1512	rBV4	85906	164257	16.77%	0.648%
55	11.057	1522	1525	1527	rVV3	70846	95764	9.78%	0.378%
56	11.080	1527	1529	1531	rVV	253230	199225	20.34%	0.786%
57	11.110	1531	1534	1538	rVB3	155136	167650	17.11%	0.661%
58	11.204	1546	1550	1552	rBV	750036	737160	75.25%	2.908%
59	11.228	1552	1554	1559	rVB	233045	225201	22.99%	0.888%
60	11.504	1598	1601	1604	rVV	209901	168848	17.24%	0.666%
61	11.604	1615	1618	1623	rBV2	87967	101768	10.39%	0.401%
62	11.704	1632	1635	1637	rBV	72015	69117	7.06%	0.273%
63	11.739	1637	1641	1649	rVB3	203518	311532	31.80%	1.229%
64	11.810	1650	1653	1655	rVV	120123	128337	13.10%	0.506%
65	11.833	1655	1657	1663	rVB	101983	125683	12.83%	0.496%
66	11.910	1667	1670	1673	rBV	197892	162886	16.63%	0.643%
67	11.998	1682	1685	1688	rBV2	58895	69990	7.14%	0.276%
68	12.180	1713	1716	1723	rVB2	53948	110414	11.27%	0.436%
69	12.251	1725	1728	1731	rBV	121691	129580	13.23%	0.511%
70	12.286	1731	1734	1735	rBV	243130	278880	28.47%	1.100%
71	12.304	1735	1737	1740	rVB2	607436	521906	53.28%	2.059%

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72	12.410	1749	1755	1758	rBV3	158116	235095	24.00%	0.927%
73	12.445	1758	1761	1765	rVB3	42418	70038	7.15%	0.276%
74	12.522	1771	1774	1780	rBV4	70371	89002	9.09%	0.351%
75	12.633	1791	1793	1796	rVB	103316	76660	7.83%	0.302%
76	12.663	1796	1798	1801	rVB2	159126	135497	13.83%	0.535%
77	12.780	1814	1818	1827	rVB	782923	772623	78.87%	3.048%
78	13.022	1855	1859	1863	rBV2	166869	172821	17.64%	0.682%
79	13.063	1863	1866	1872	rVB4	48342	68832	7.03%	0.272%
80	13.363	1914	1917	1919	rVB	139876	122364	12.49%	0.483%
81	13.474	1933	1936	1940	rVB2	75312	83798	8.55%	0.331%
82	13.686	1969	1972	1978	rVB3	227042	243204	24.83%	0.959%
83	13.827	1992	1996	2004	rBV	629084	739159	75.46%	2.916%
84	13.998	2022	2025	2029	rVB2	150554	163335	16.67%	0.644%
85	14.304	2074	2077	2080	rBV	192458	179471	18.32%	0.708%
86	14.598	2124	2127	2130	rBV	136210	129259	13.20%	0.510%
87	14.910	2176	2180	2183	rVB	189055	199530	20.37%	0.787%
88	15.227	2230	2234	2237	rBV	393483	493337	50.36%	1.946%
89	15.651	2302	2306	2311	rVB	197348	255986	26.13%	1.010%
90	15.845	2335	2339	2349	rBV3	203721	428812	43.77%	1.692%
91	16.074	2375	2378	2381	rBV2	71232	109128	11.14%	0.431%
92	16.110	2381	2384	2390	rVB2	121109	199048	20.32%	0.785%
93	16.486	2443	2448	2454	rBV	194354	322798	32.95%	1.273%
94	16.557	2456	2460	2463	rVV2	115142	206638	21.09%	0.815%
95	16.598	2463	2467	2472	rVV	186813	358463	36.59%	1.414%
96	16.645	2472	2475	2480	rVB	123280	191014	19.50%	0.754%
97	16.704	2482	2485	2489	rVB5	46382	66916	6.83%	0.264%
98	17.274	2576	2582	2590	rVB4	116239	277388	28.32%	1.094%
99	17.768	2662	2666	2677	rVB2	52154	143553	14.65%	0.566%
100	18.962	2862	2869	2879	rVB5	106407	315431	32.20%	1.244%

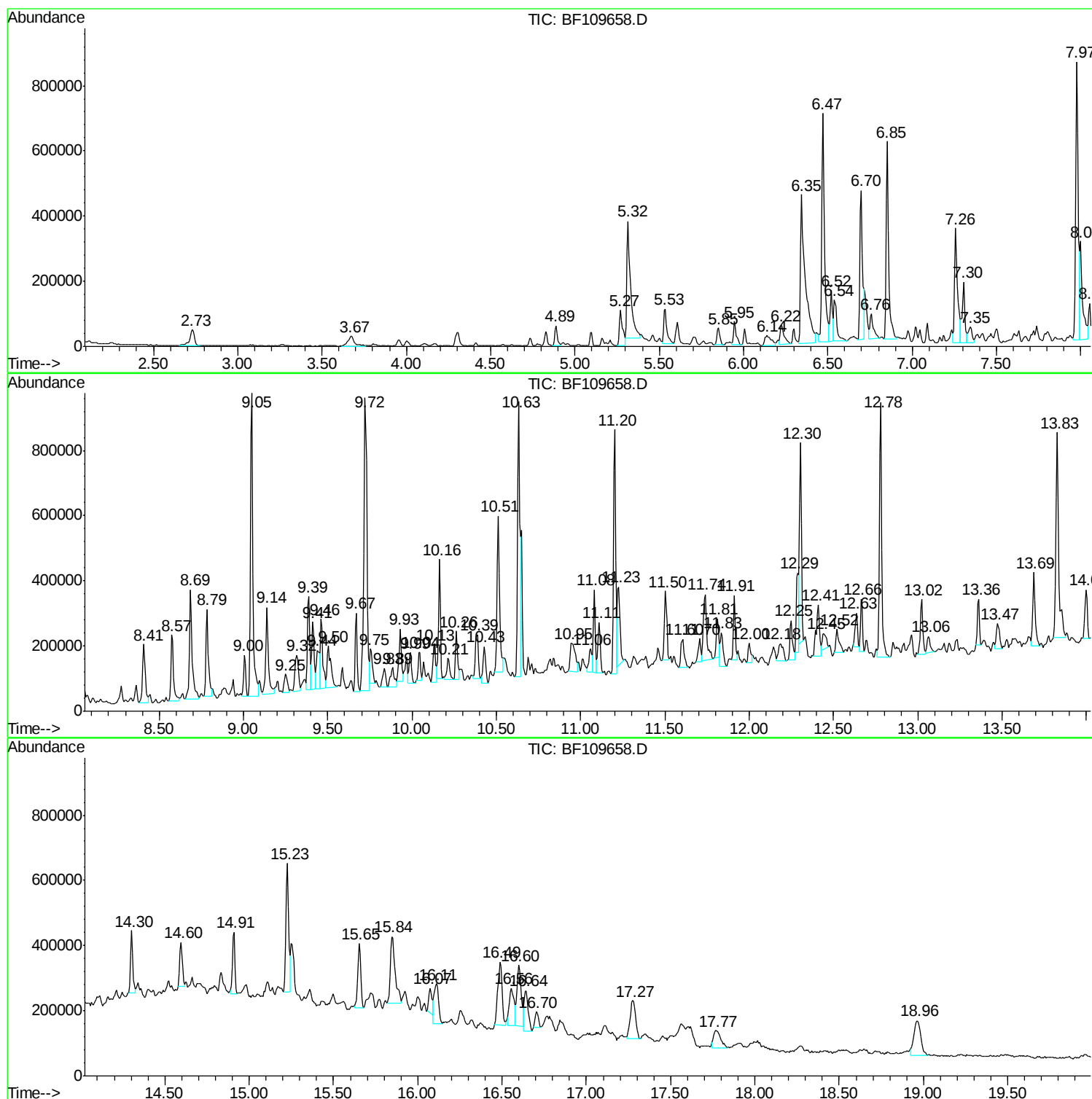
Sum of corrected areas: 25347312

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.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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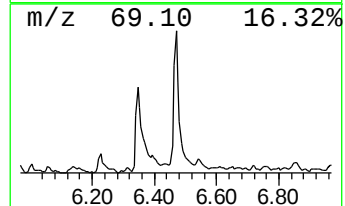
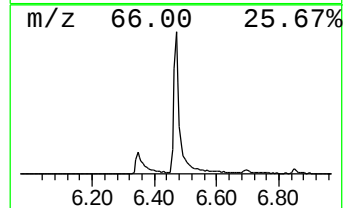
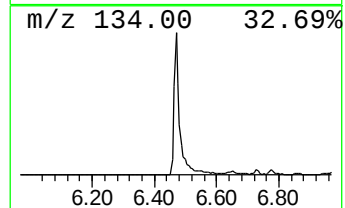
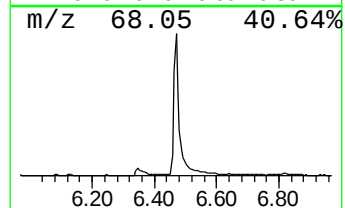
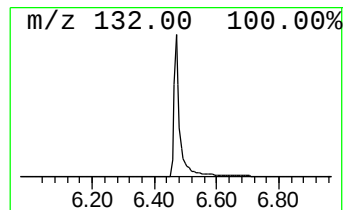
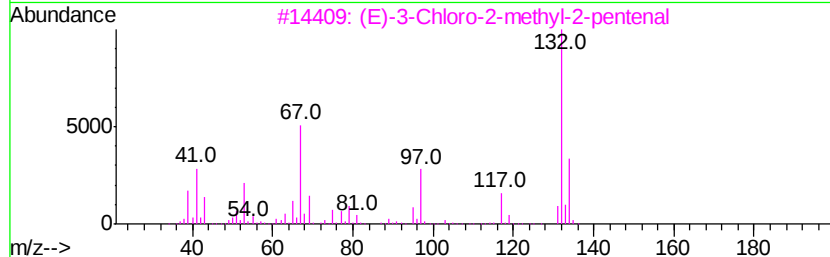
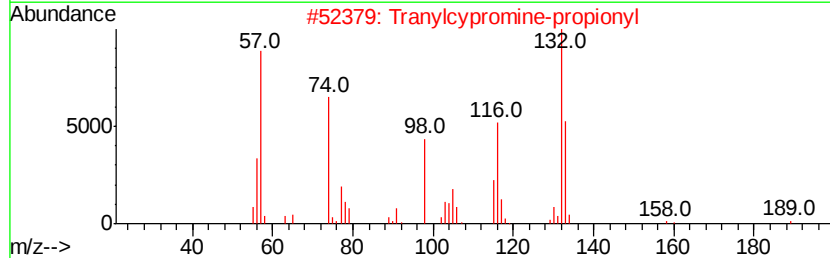
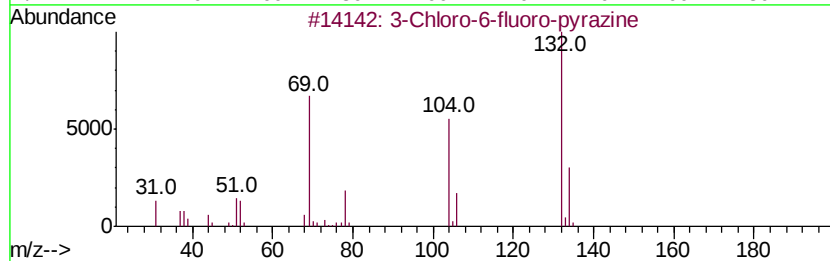
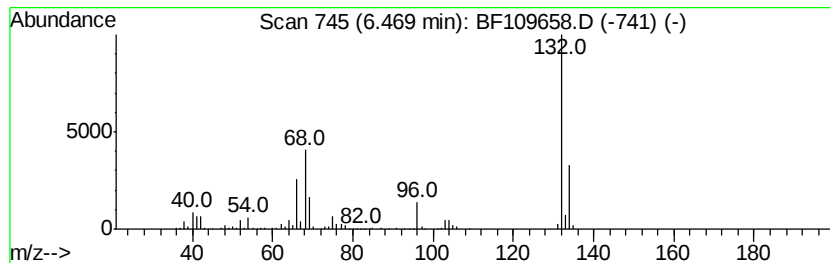
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	31.09 ng	842220	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16	
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9	
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9	



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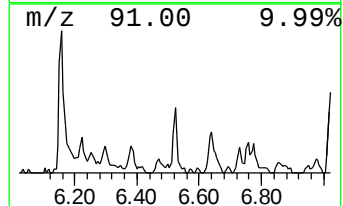
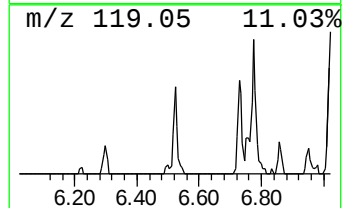
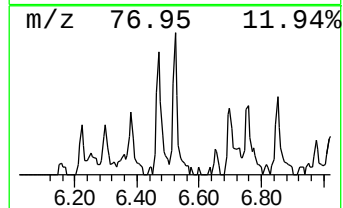
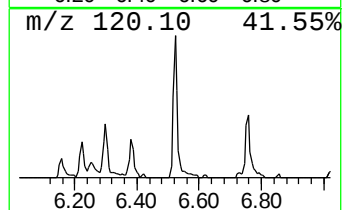
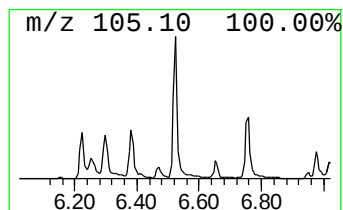
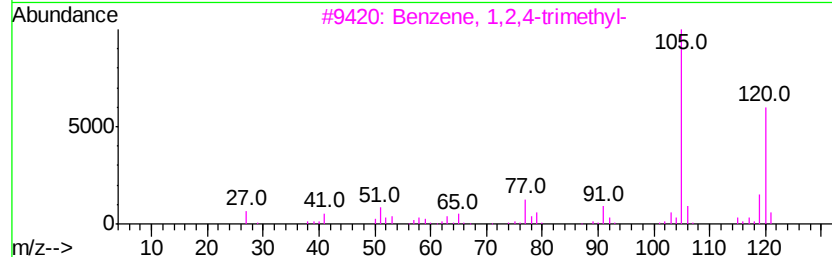
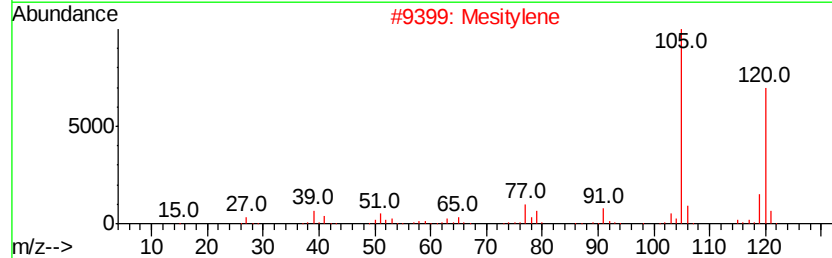
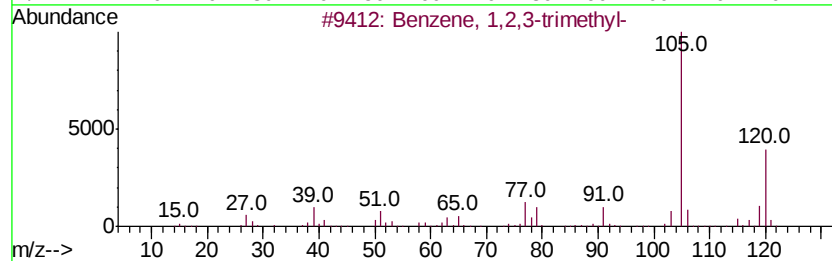
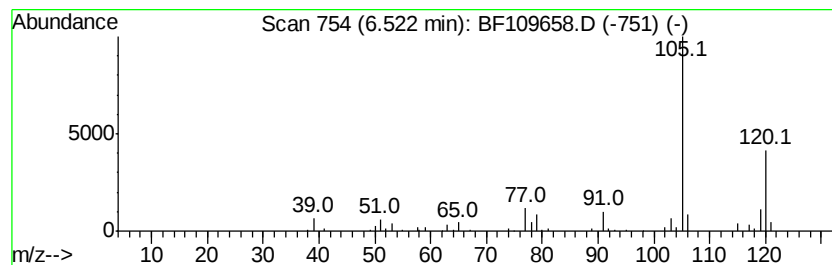
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	6.28 ng	170155	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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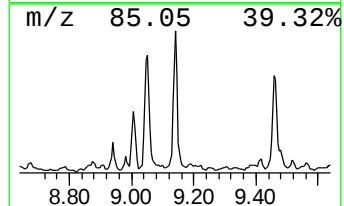
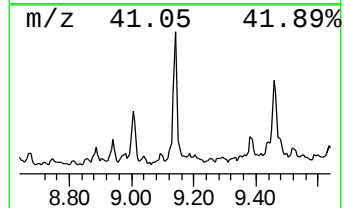
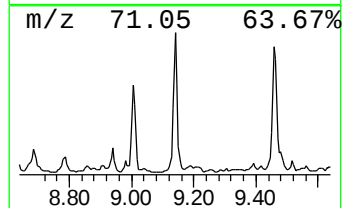
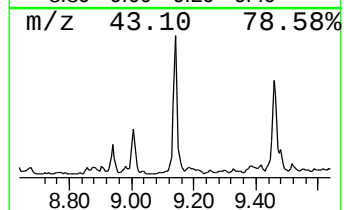
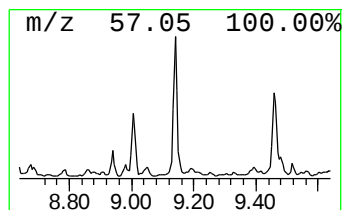
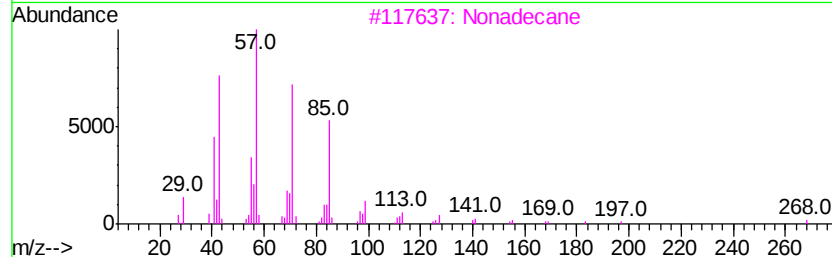
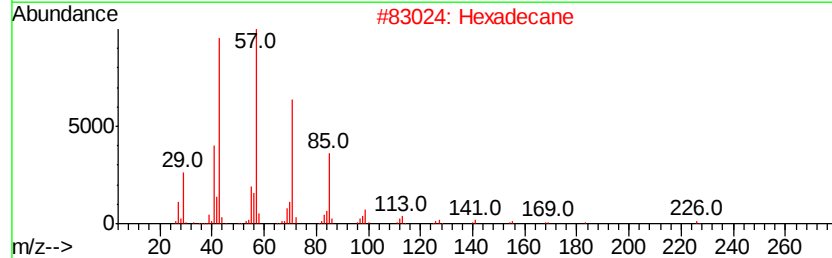
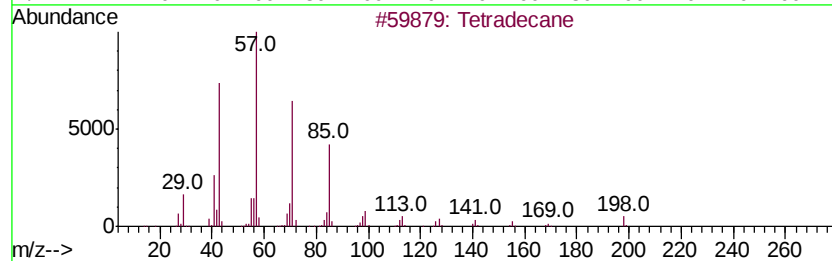
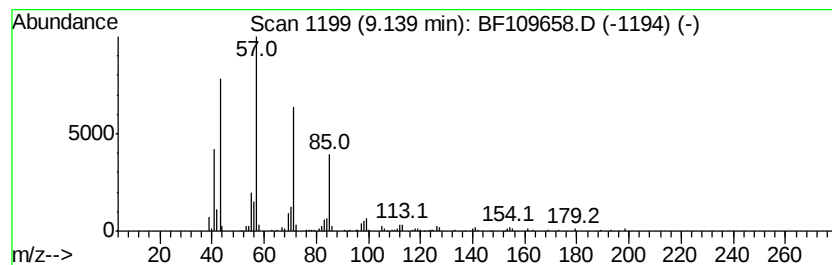
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	6.16 ng	301783	Acenaphthene-d10	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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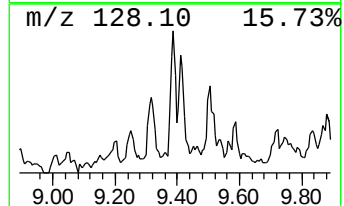
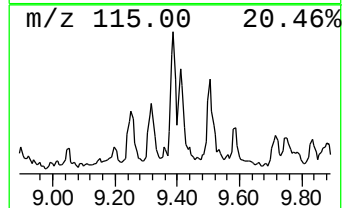
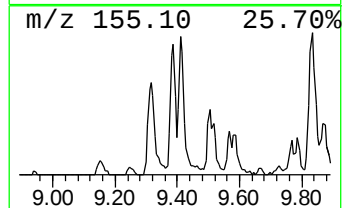
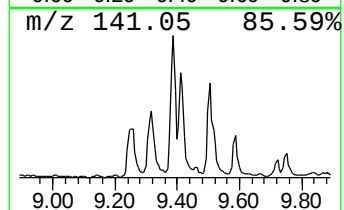
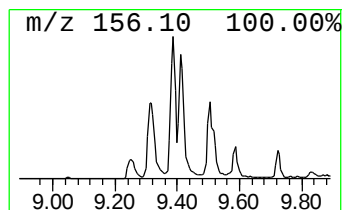
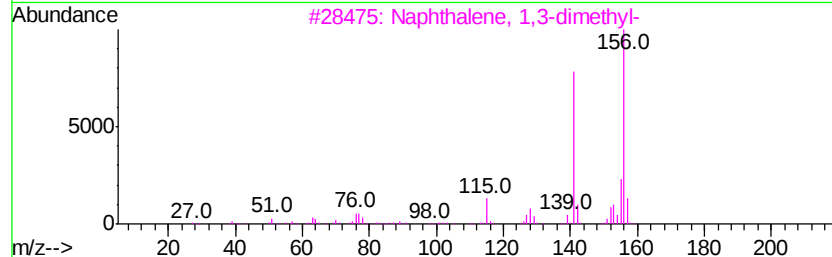
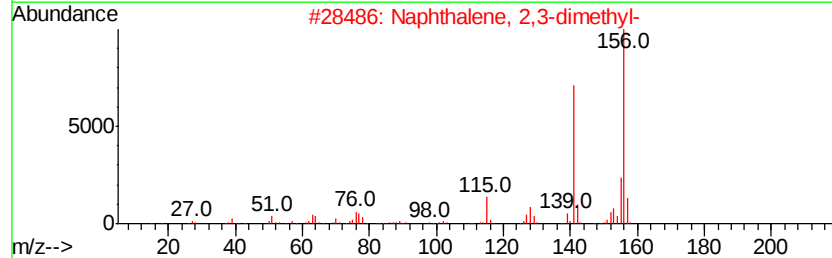
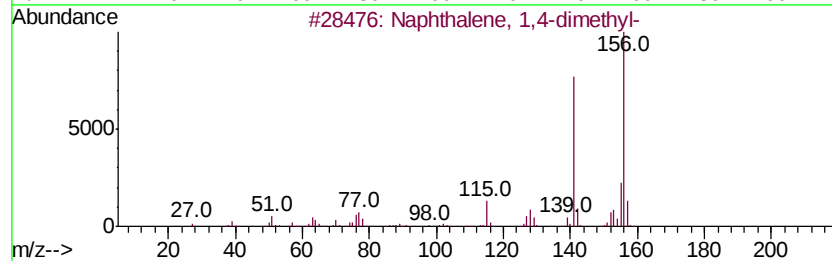
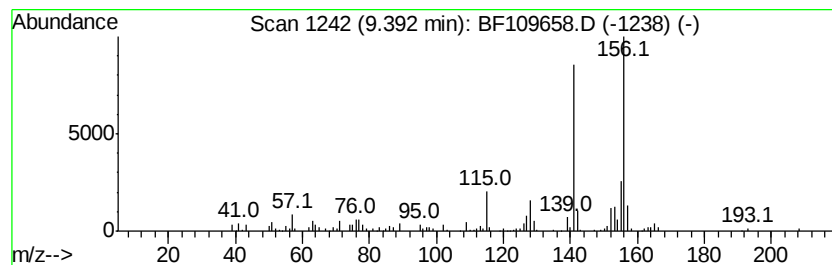
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	6.19 ng	303258	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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Data File : BF109658.D
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Operator : JU/SJ
Sample : J5270-05 2X
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ALS Vial : 9 Sample Multiplier: 1

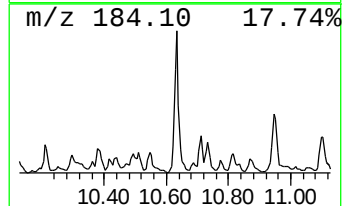
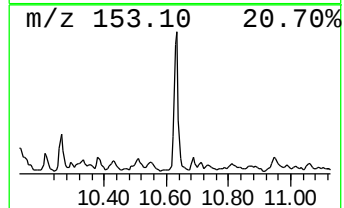
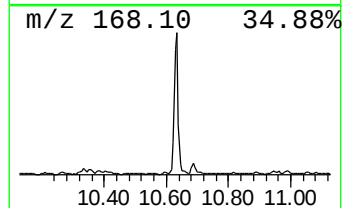
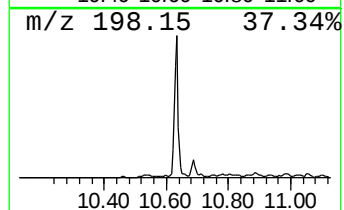
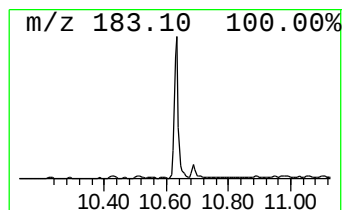
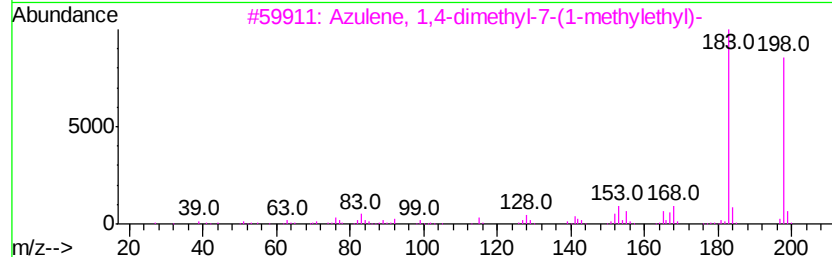
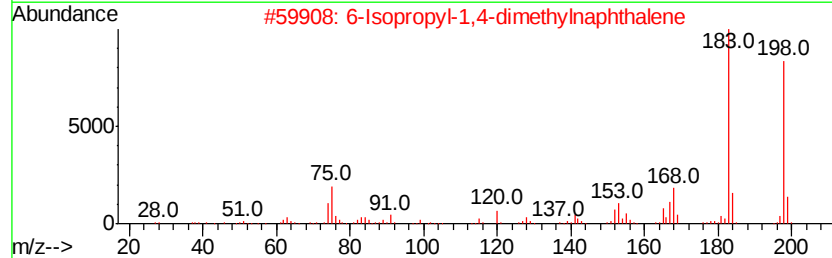
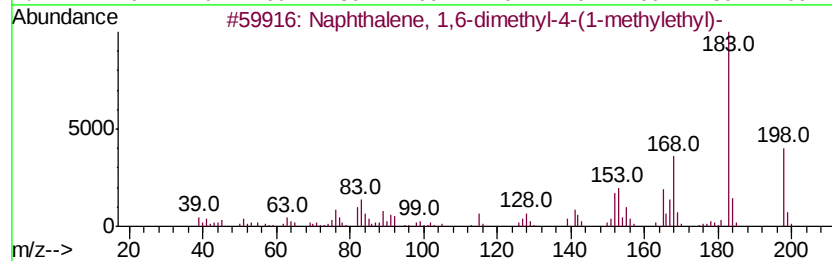
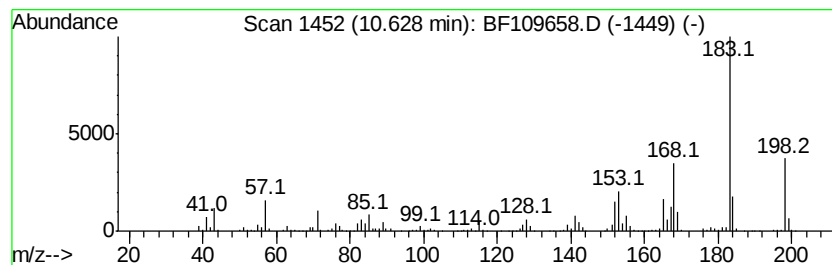
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl-4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.63	24.05 ng	886576	Phenanthrene-d10	11.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	95
2		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	90
3		Azulene, 1,4-dimethyl-7-(1-methv...	198	C15H18	000489-84-9	74
4		Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	52
5		Ethanone, 1-[4-(methylsulfonyl)p...	198	C9H10O3S	010297-73-1	49



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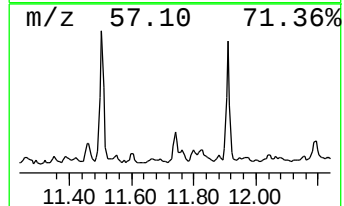
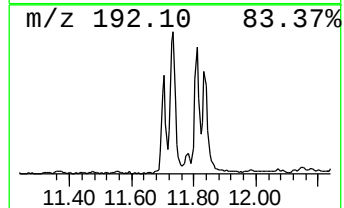
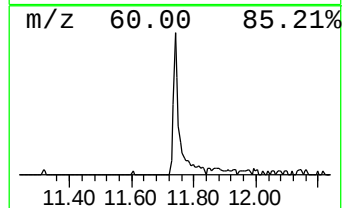
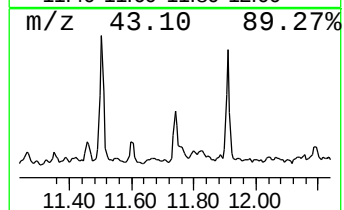
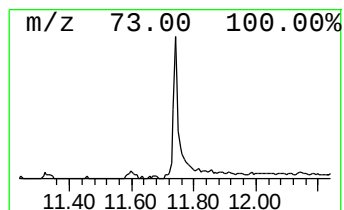
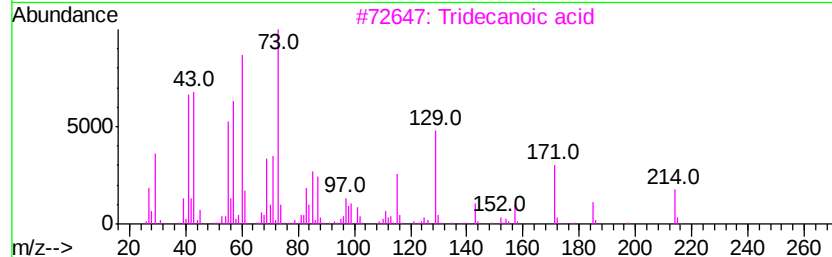
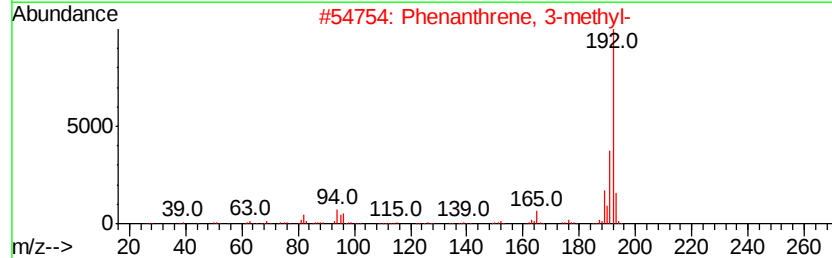
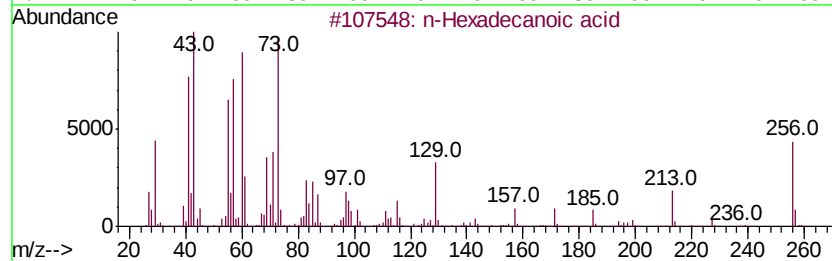
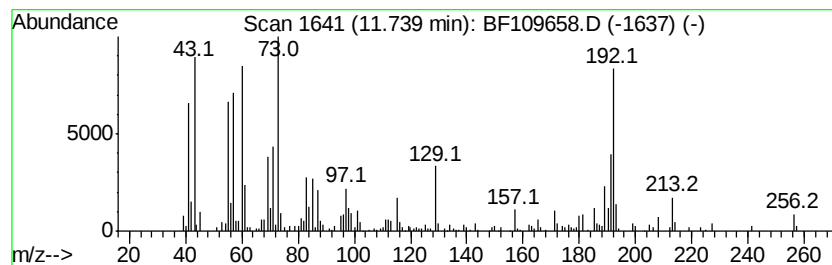
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	8.45 ng	311532	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	62
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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ALS Vial : 9 Sample Multiplier: 1

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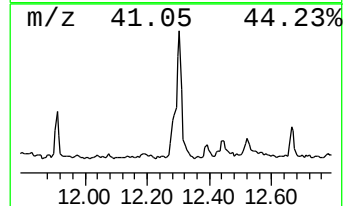
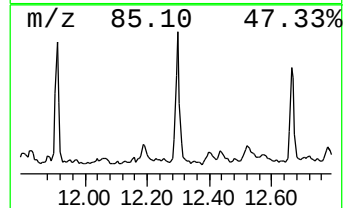
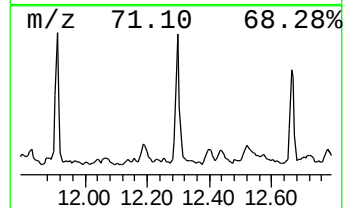
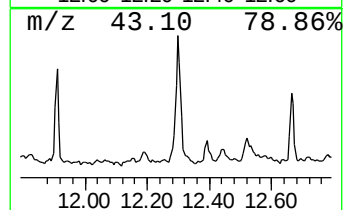
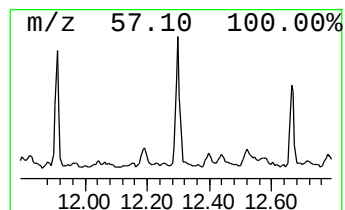
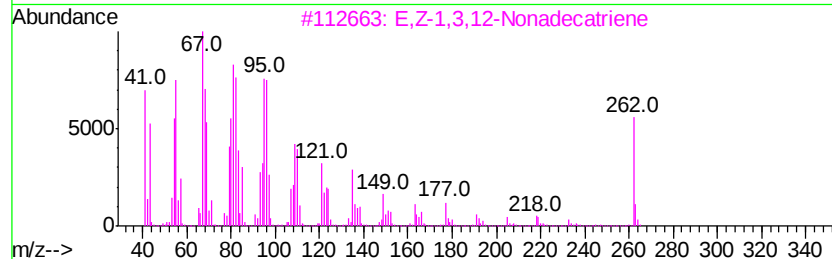
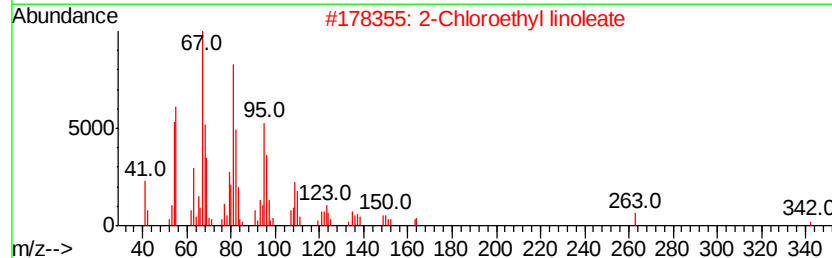
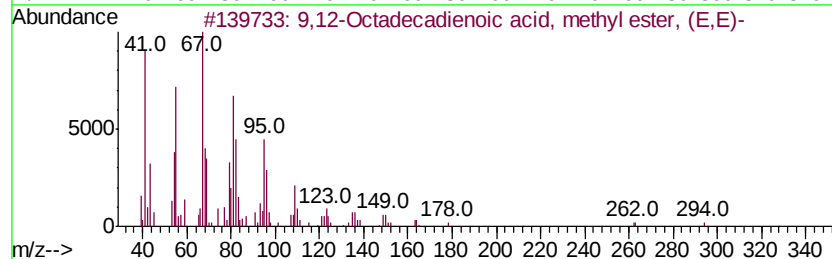
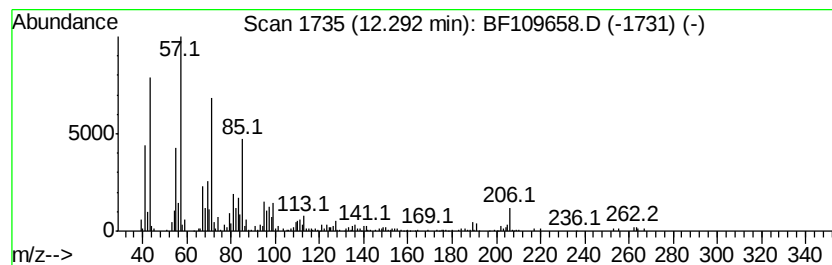
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	7.57 ng	278880	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	96
2		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	70
3		E,Z-1,3,12-Nonadecatriene	262	C19H34	1000131-11-3	64
4		5-Undecyne	152	C11H20	002294-72-6	52
5		1-Tridecyne	180	C13H24	026186-02-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
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Misc :
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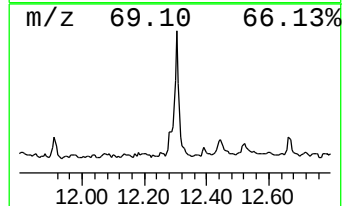
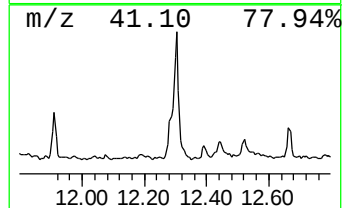
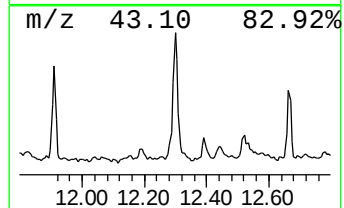
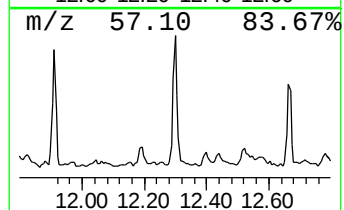
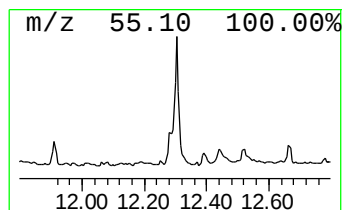
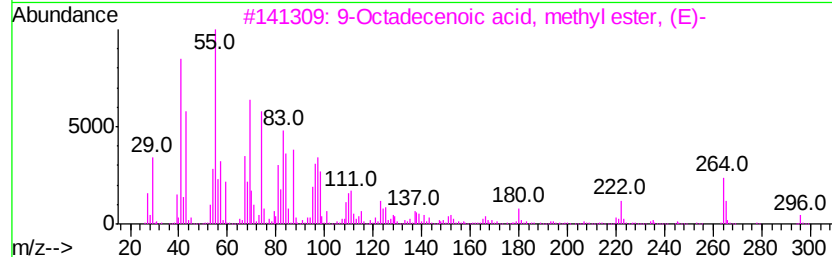
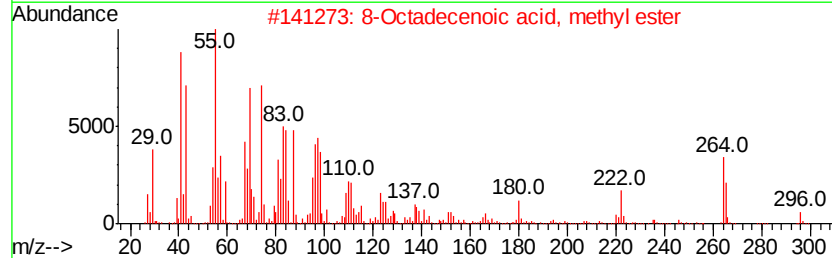
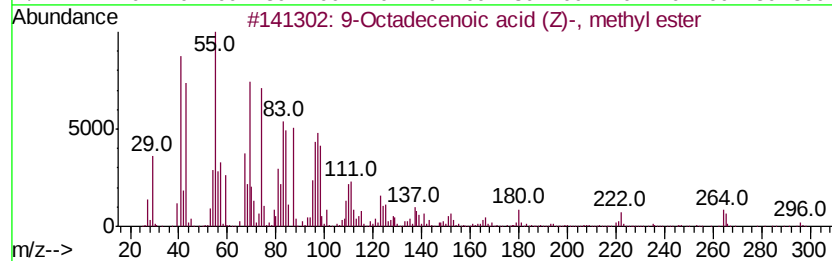
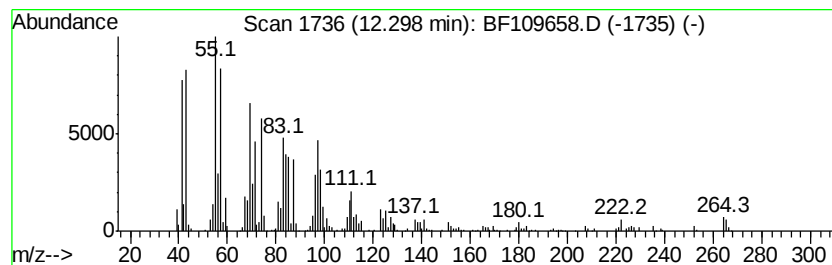
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	14.16 ng	521906	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99



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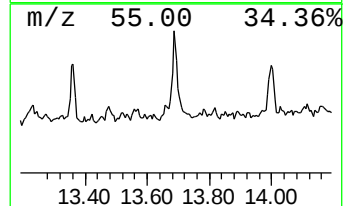
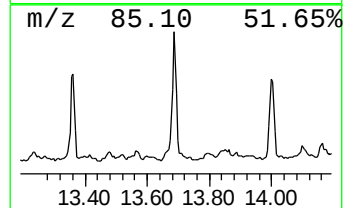
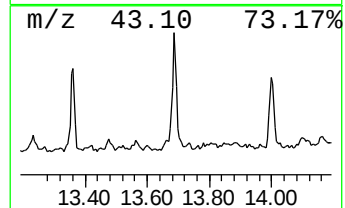
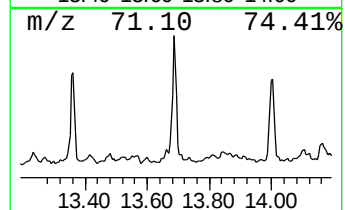
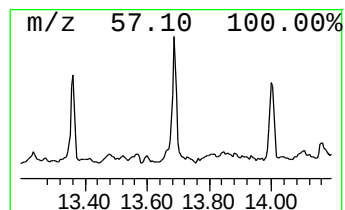
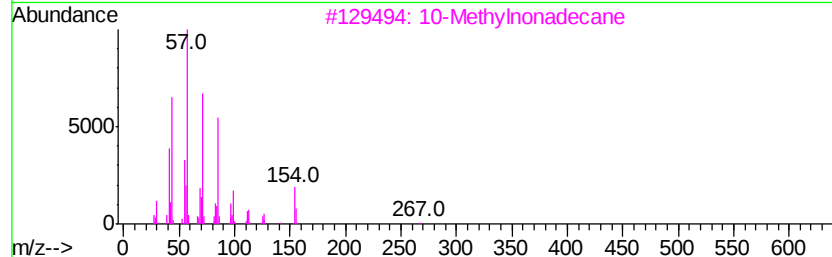
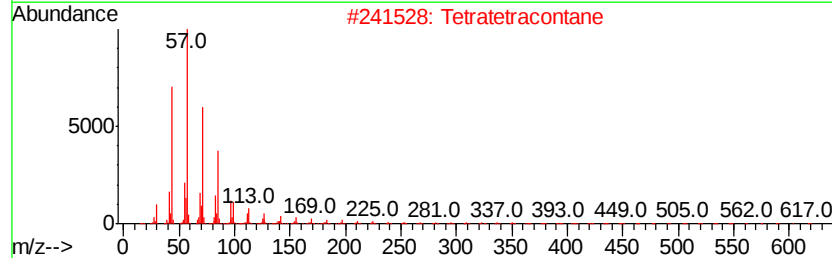
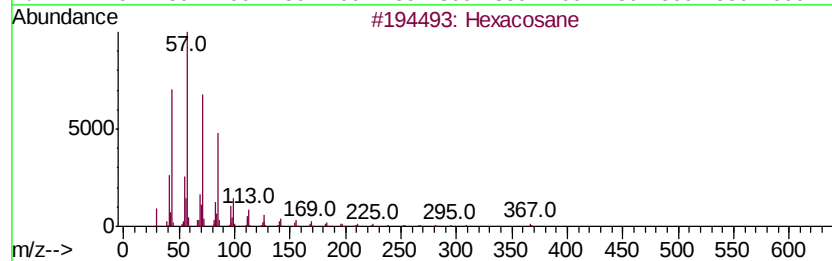
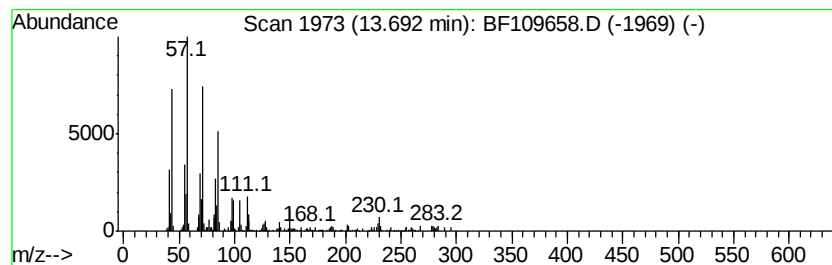
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	6.58 ng	243204	Chrysene-d12	13.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	83
2	Tetratetracontane	619 C44H90	007098-22-8	83
3	10-Methylnonadecane	282 C20H42	056862-62-5	83
4	Sulfurous acid, 2-propyl undecyl...	278 C14H30O3S	1000309-12-2	80
5	Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4	76



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ALS Vial : 9 Sample Multiplier: 1

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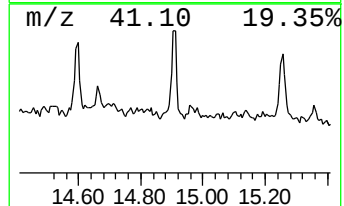
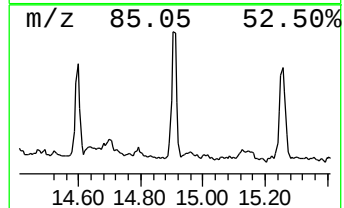
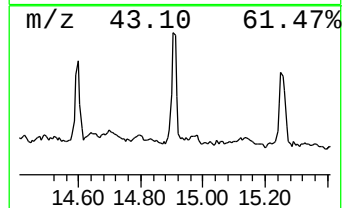
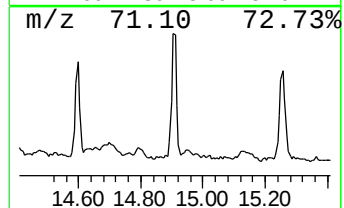
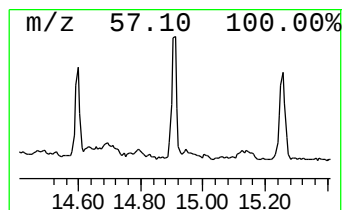
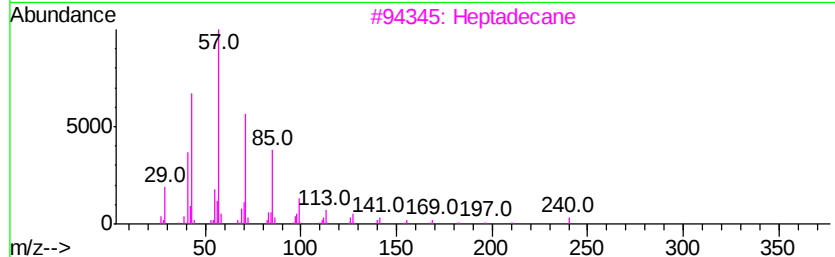
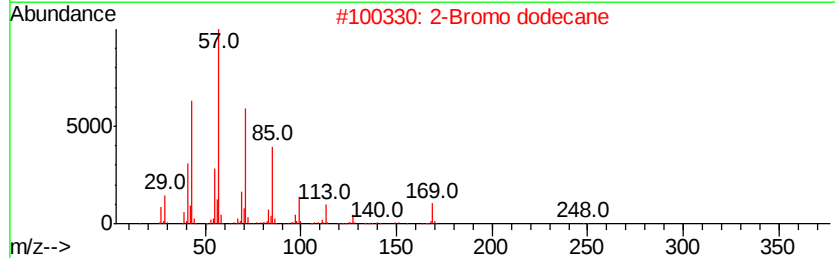
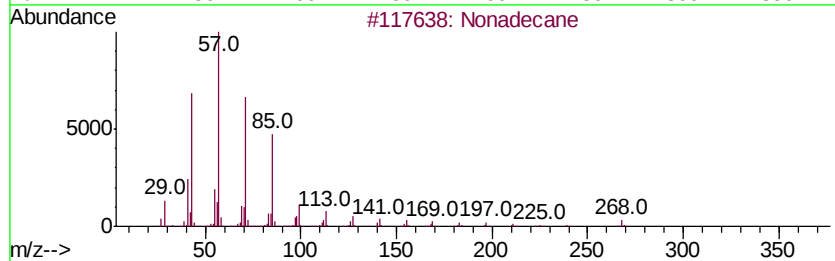
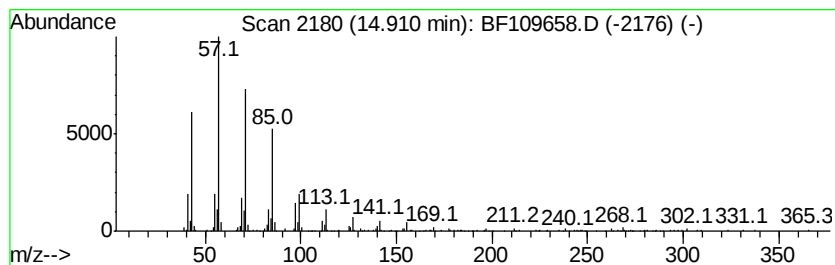
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	8.09 ng	199530	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3			Heptadecane	240	C17H36	000629-78-7	93
4			Hexacosane	366	C26H54	000630-01-3	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

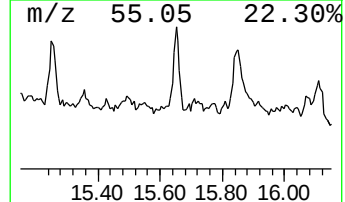
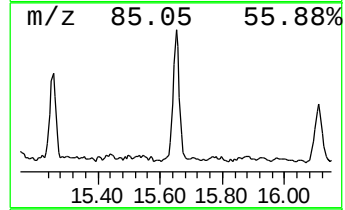
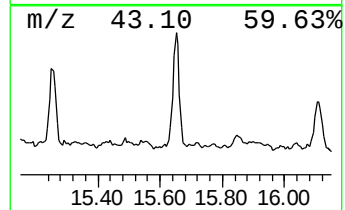
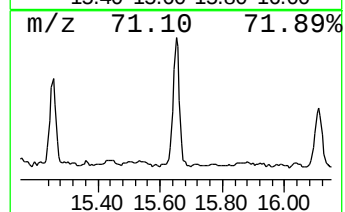
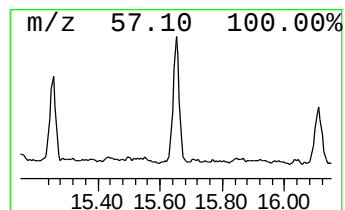
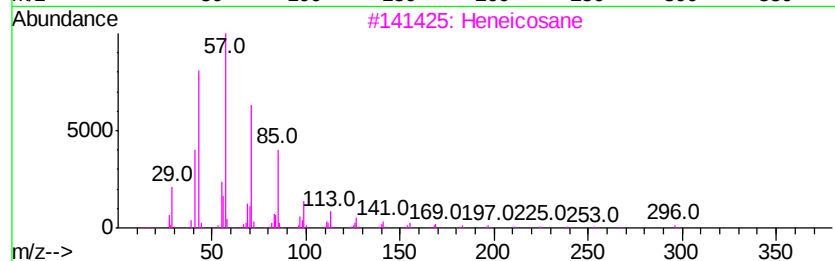
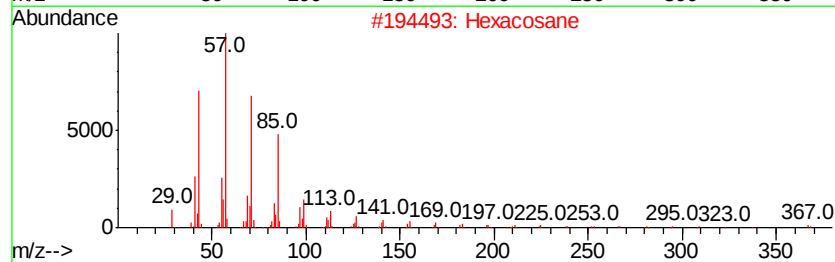
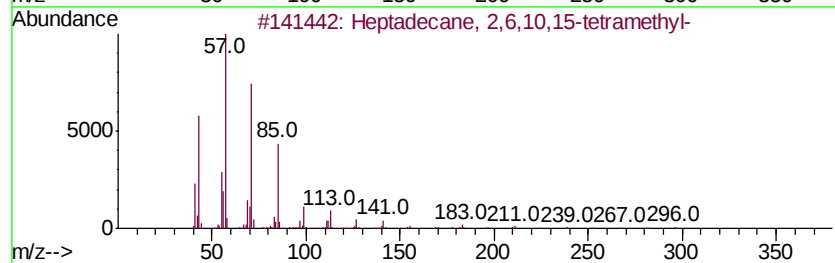
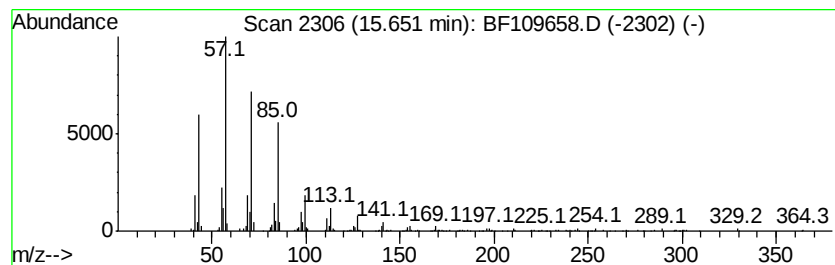
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	10.38 ng	255986	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	89
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
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Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

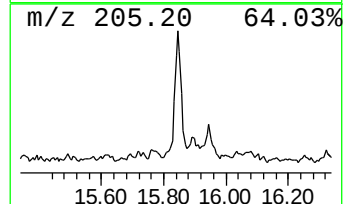
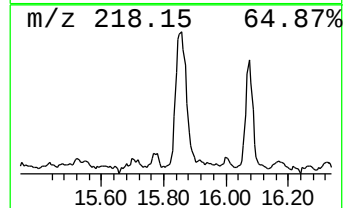
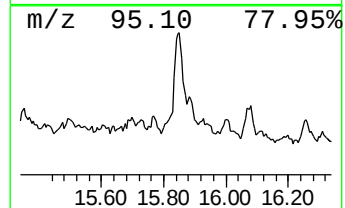
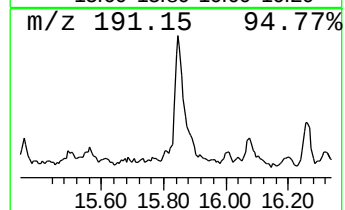
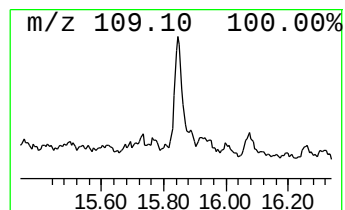
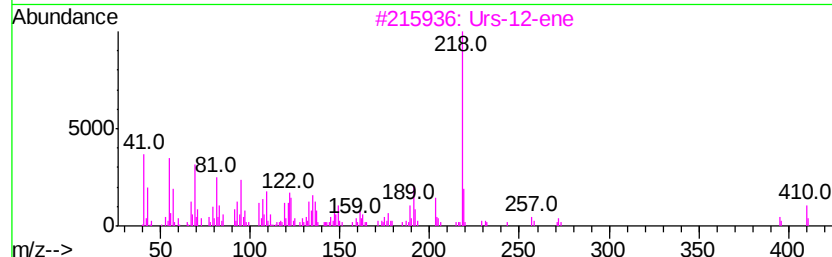
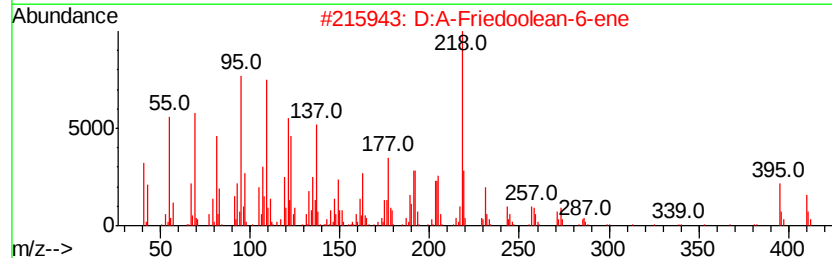
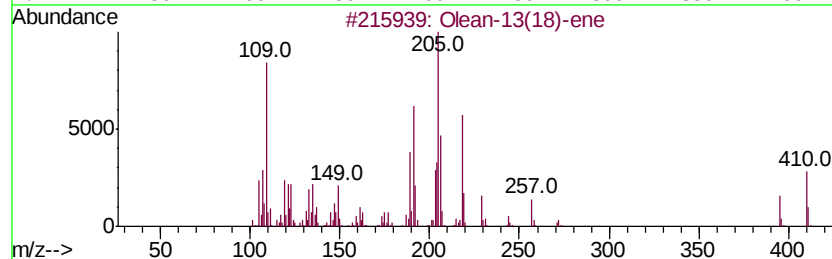
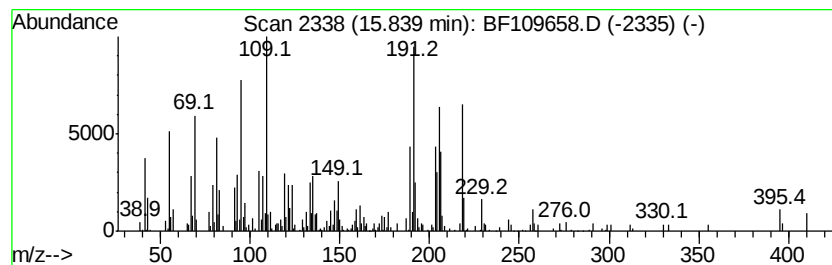
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Olean-13(18)-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	17.38 ng	428812	Perylene-d12	15.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Olean-13(18)-ene	410 C30H50	003399-27-7	93
2	D:A-Friedoolean-6-ene	410 C30H50	056588-25-1	55
3	Urs-12-ene	410 C30H50	000464-97-1	38
4	Olean-12-ene	410 C30H50	000471-68-1	35
5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216 C6H5BrN2O2	300574-36-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
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Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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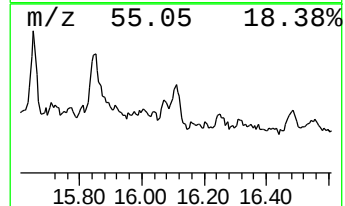
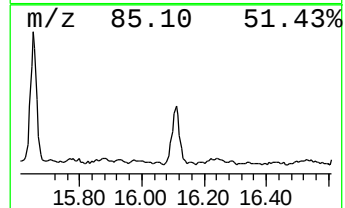
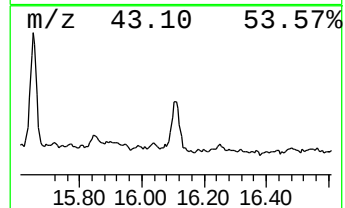
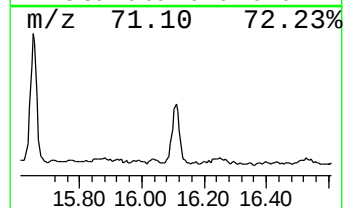
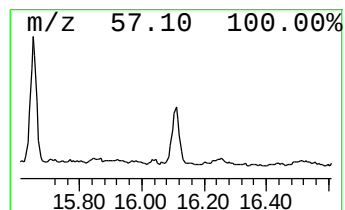
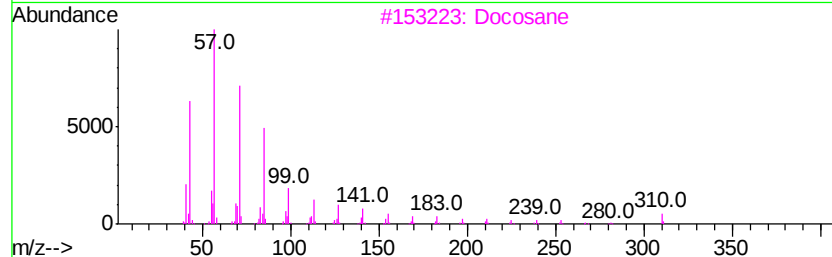
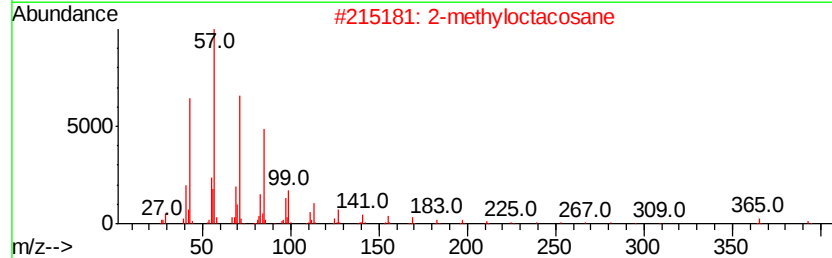
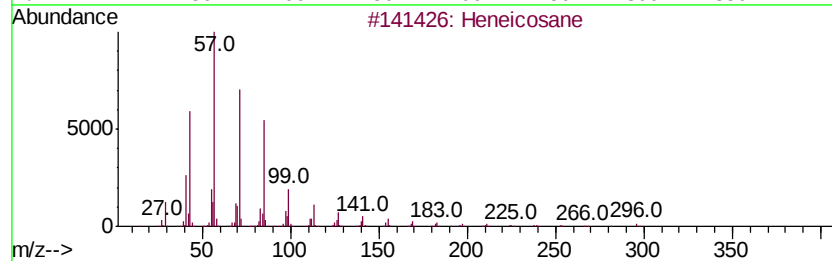
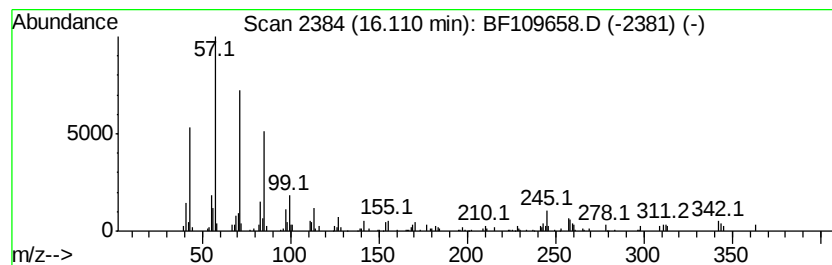
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	8.07 ng	199048	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	60
2			2-methyloctacosane	408	C29H60	1000376-72-8	60
3			Docosane	310	C22H46	000629-97-0	58
4			Octacosane	394	C28H58	000630-02-4	53
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

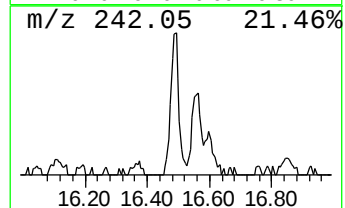
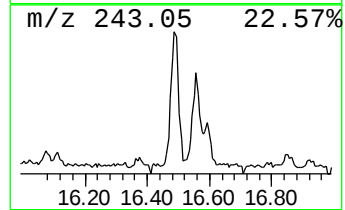
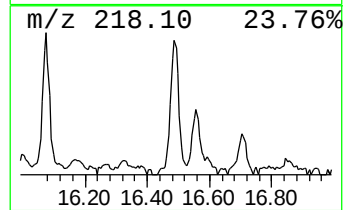
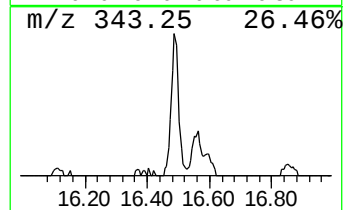
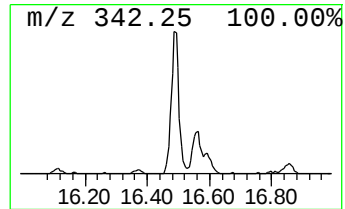
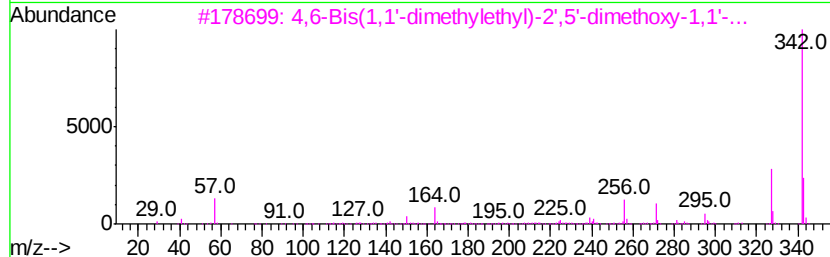
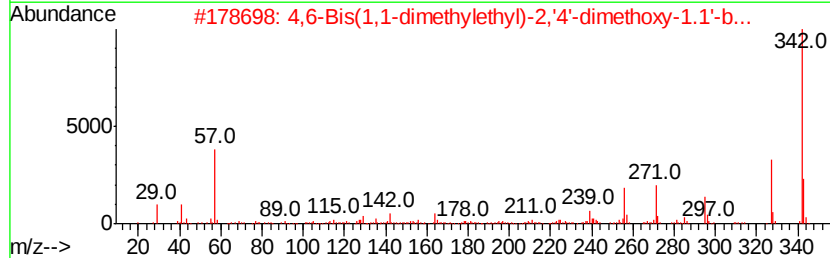
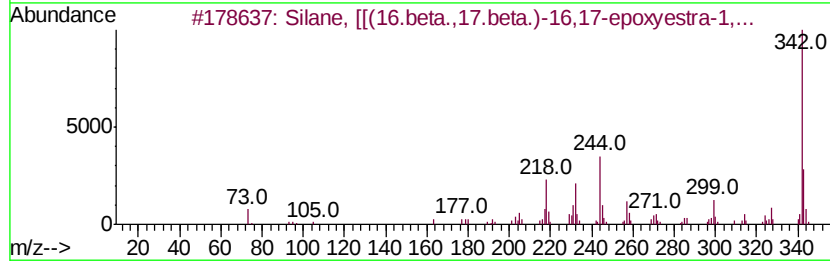
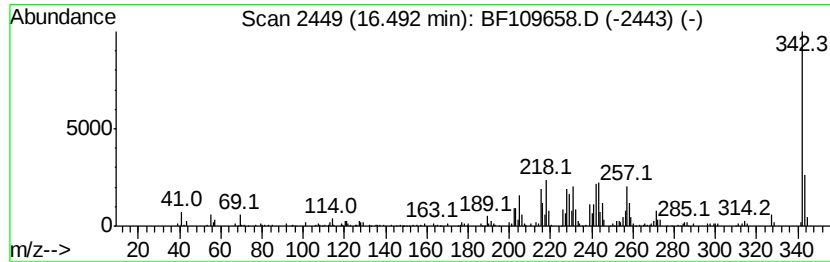
Instrument :
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ClientSampleId :
STOCK-PILE-C

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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 unknown16.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.49	13.09 ng	322798	Perylene-d12		15.23		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, [(16.beta.,17.beta.)-16...	342	C21H30O2Si	074299-44-8	49
2			4,6-Bis(1,1-dimethylethyl)-2,'4'...	342	C22H30O3	1000326-27-2	35
3			4,6-Bis(1,1'-dimethylethyl)-2',5...	342	C22H30O3	1000326-27-3	35
4			2H-1-Benzopyran-2-one, 4,5,7-tri...	342	C19H18O6	004222-04-2	30
5			1H-Perimidine, 2-[2-(2-acetoxyph...	342	C22H18N2O2	060315-65-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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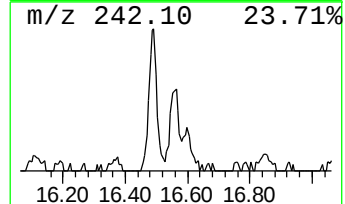
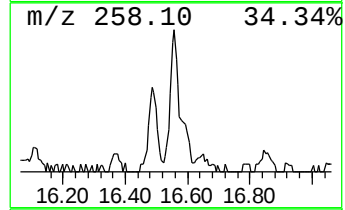
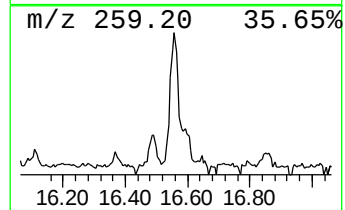
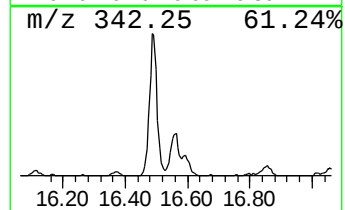
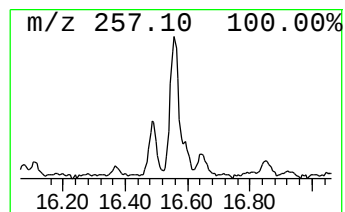
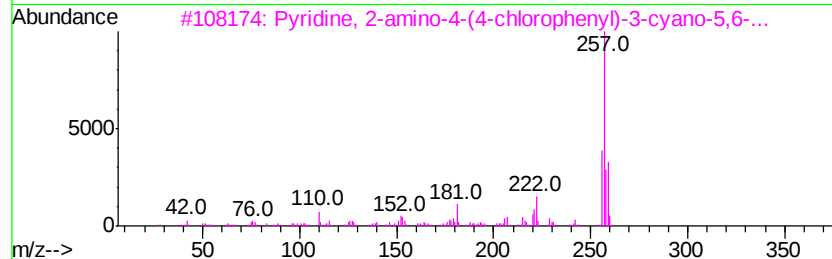
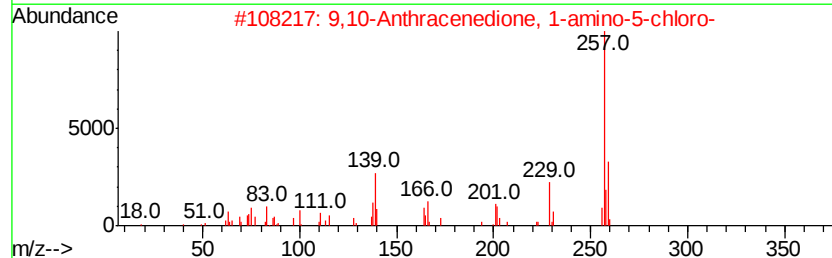
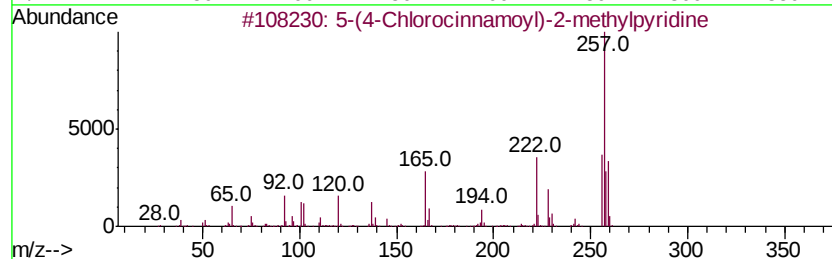
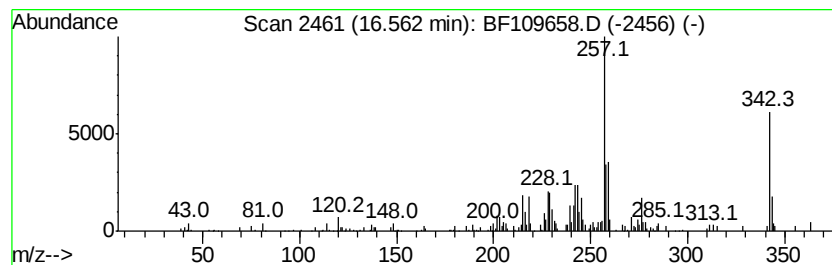
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.56 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	8.38 ng	206638	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-(4-Chlorocinnamoyl)-2-methylpyr...	257	C15H12ClNO	004636-89-9	49
2			9,10-Anthracenedione, 1-amino-5-...	257	C14H8ClNO2	000117-11-3	41
3			Pyridine, 2-amino-4-(4-chlorophe...	257	C14H12ClN3	333394-03-9	38
4			9,10-Anthracenedione, 2-amino-3-...	257	C14H8ClNO2	000084-46-8	35
5			5-Chloro-2-(N-methylacetamido)di...	274	C15H15ClN2O	075524-13-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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Operator : JU/SJ
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Misc :
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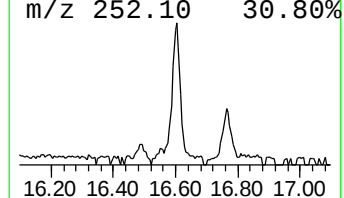
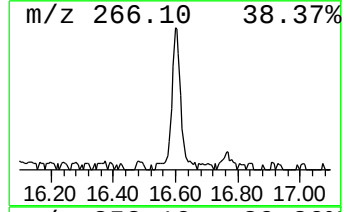
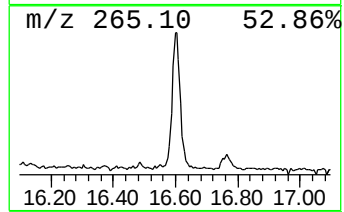
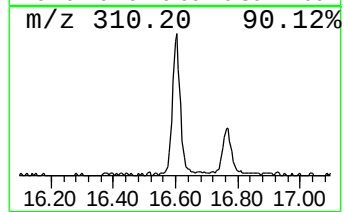
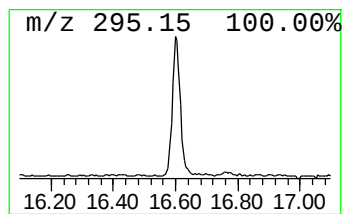
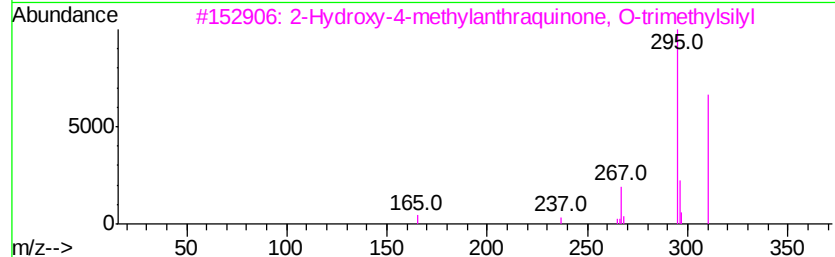
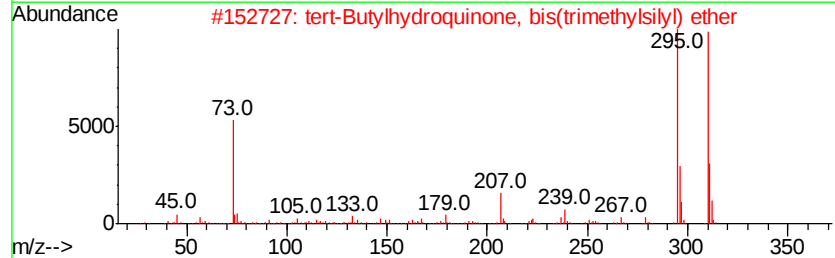
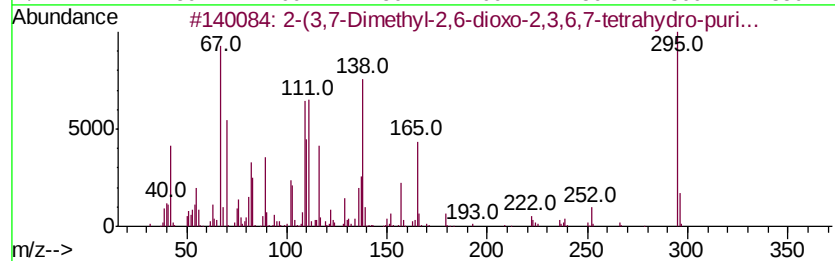
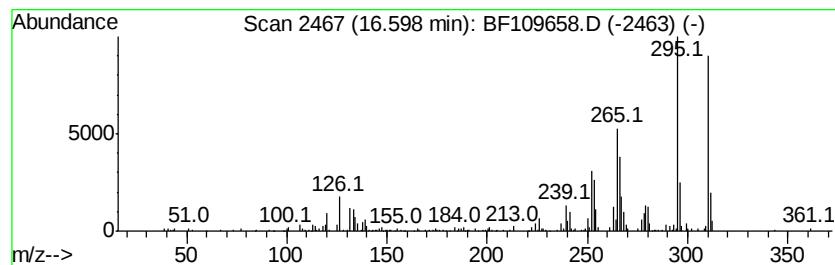
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-(3,7-Dimethyl-2,6-dioxo-2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	14.53 ng	358463	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(3,7-Dimethyl-2,6-dioxo-2,3,6,...	295	C15H13N5O2	1000300-28-4	92
2		tert-Butylhydroquinone, bis(trim...	310	C16H30O2Si2	1000352-80-3	43
3		2-Hydroxy-4-methylanthraquinone,...	310	C18H18O3Si	091701-14-3	43
4		2-Hydroxy-3-methylanthraquinone,...	310	C18H18O3Si	091701-15-4	43
5		2,2',4,4'-Tetramethyl-1,1'-dinap...	310	C24H22	110871-50-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

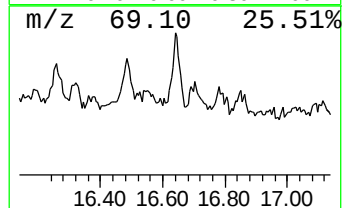
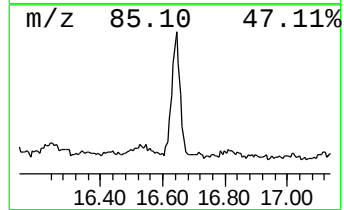
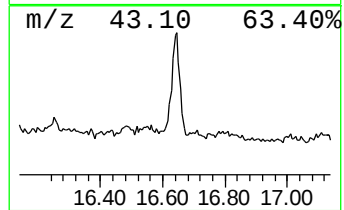
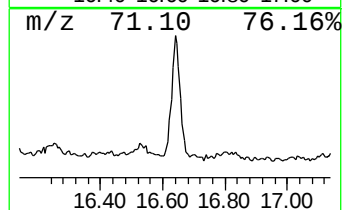
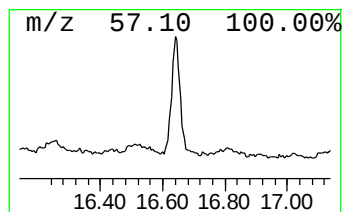
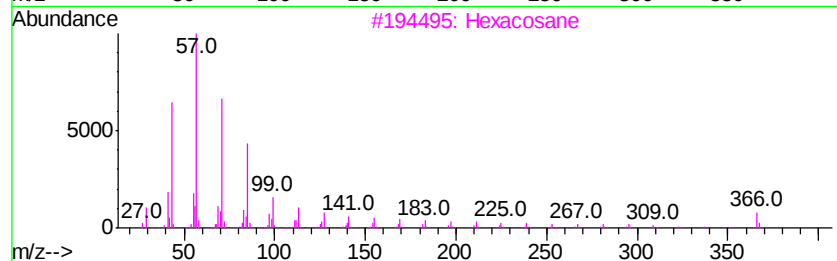
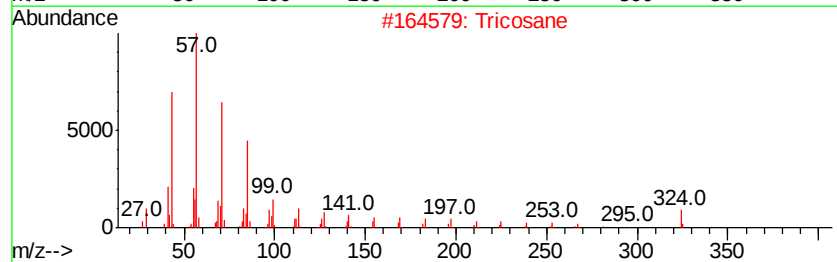
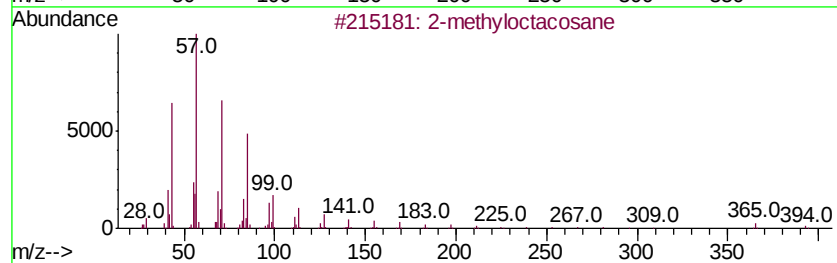
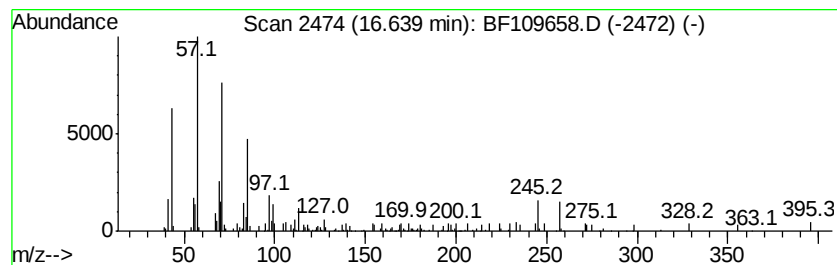
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	7.74 ng	191014	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	53
2			Tricosane	324	C23H48	000638-67-5	50
3			Hexacosane	366	C26H54	000630-01-3	50
4			10-Methylnonadecane	282	C20H42	056862-62-5	49
5			Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

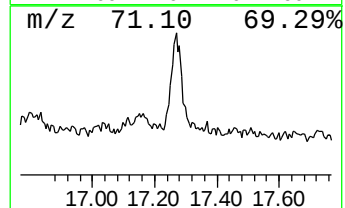
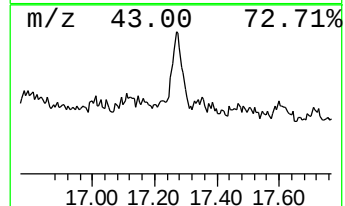
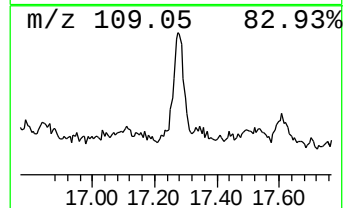
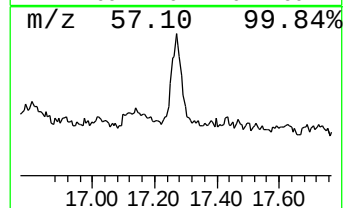
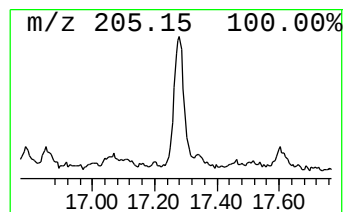
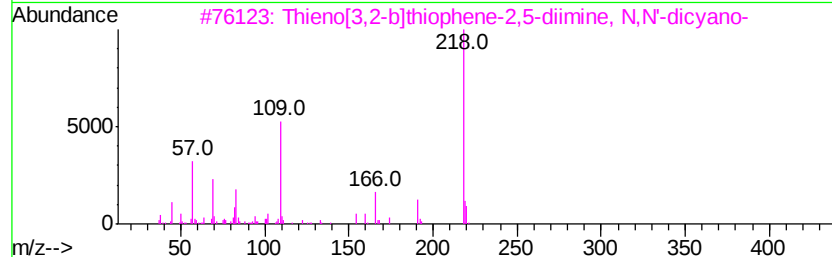
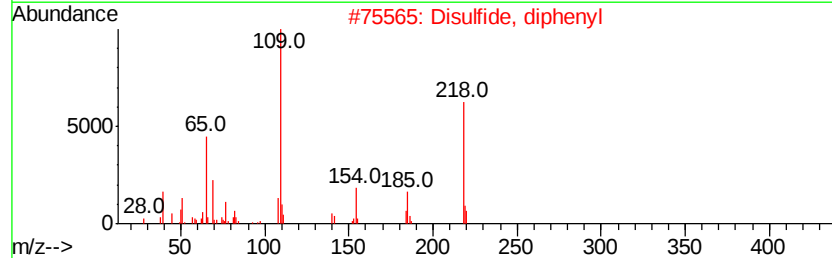
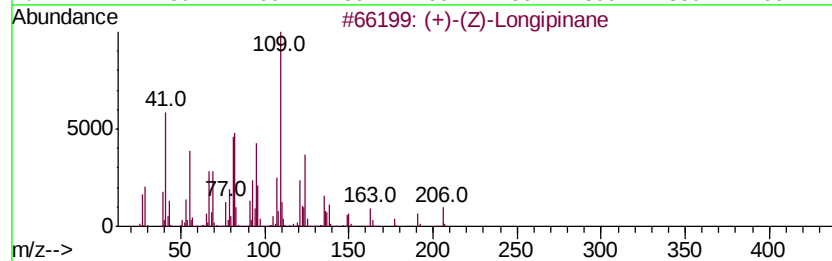
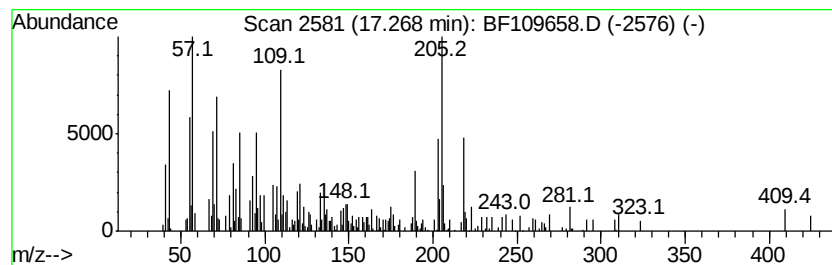
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.27 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	11.25 ng	277388	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	25
2		Disulfide, diphenyl	218	C12H10S2	000882-33-7	20
3		Thieno[3,2-b]thiophene-2,5-diimi...	218	C8H2N4S2	125594-14-1	20
4		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	15
5		Ledol	222	C15H26O	000577-27-5	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

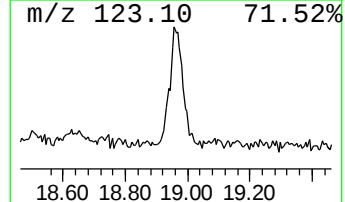
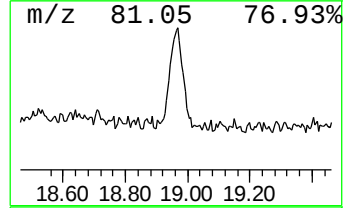
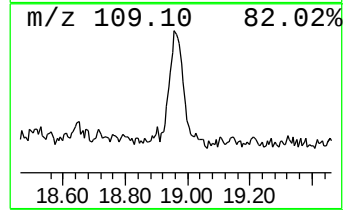
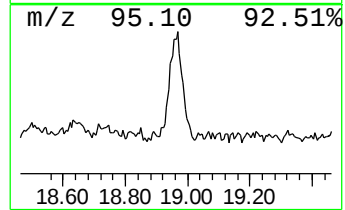
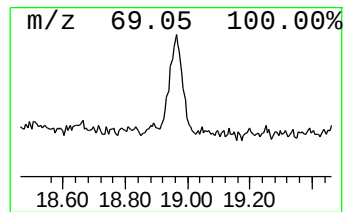
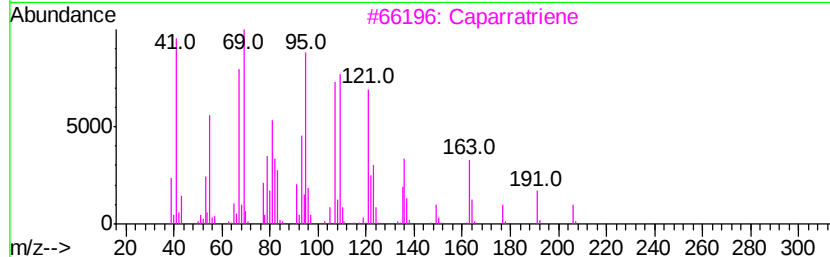
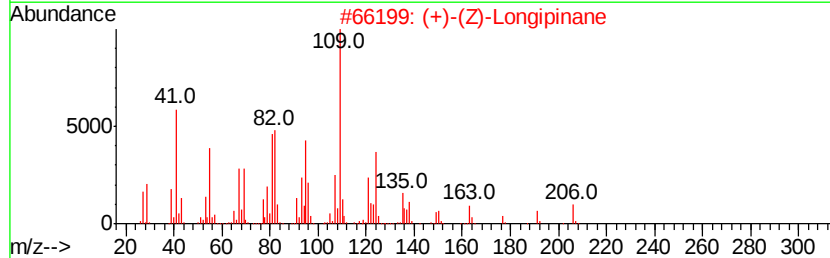
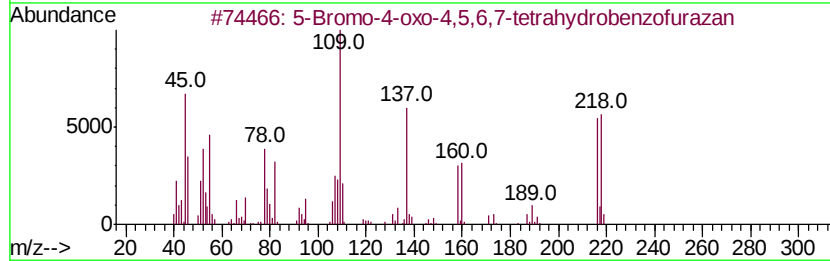
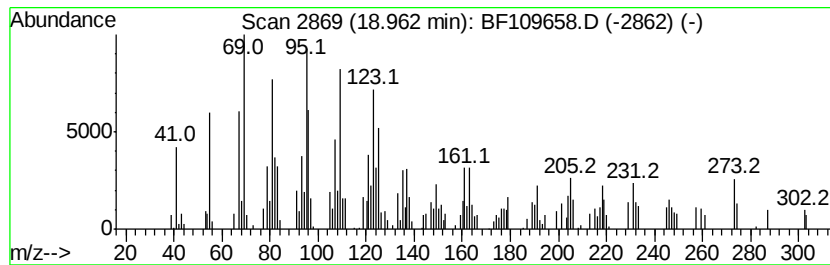
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	12.79 ng	315431	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90
2		(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	50
3		Caparratriene	206	C15H26	1000374-08-7	45
4		(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	38
5		1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109658.D
 Acq On : 8 Oct 2018 20:05
 Operator : JU/SJ
 Sample : J5270-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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
unknown6.47	6.47	31.1	ng	842220	1	6.70	541738	20.0
Benzene, 1,2,3-tr...	6.52	6.3	ng	170155	1	6.70	541738	20.0
Tetradecane	9.14	6.2	ng	301783	3	9.72	979602	20.0
Naphthalene, 1,4-...	9.39	6.2	ng	303258	3	9.72	979602	20.0
Naphthalene, 1,6-...	10.63	24.1	ng	886576	4	11.20	737160	20.0
n-Hexadecanoic acid	11.74	8.4	ng	311532	4	11.20	737160	20.0
9,12-Octadecadien...	12.29	7.6	ng	278880	4	11.20	737160	20.0
9-Octadecenoic ac...	12.30	14.2	ng	521906	4	11.20	737160	20.0
Hexacosane	13.69	6.6	ng	243204	5	13.83	739159	20.0
Nonadecane	14.91	8.1	ng	199530	6	15.23	493337	20.0
Heptadecane, 2,6,...	15.65	10.4	ng	255986	6	15.23	493337	20.0
Olean-13(18)-ene	15.84	17.4	ng	428812	6	15.23	493337	20.0
Heneicosane	16.11	8.1	ng	199048	6	15.23	493337	20.0
unknown16.49	16.49	13.1	ng	322798	6	15.23	493337	20.0
unknown16.56	16.56	8.4	ng	206638	6	15.23	493337	20.0
2-(3,7-Dimethyl-2...	16.60	14.5	ng	358463	6	15.23	493337	20.0
2-methyloctacosane	16.64	7.7	ng	191014	6	15.23	493337	20.0
unknown17.27	17.27	11.3	ng	277388	6	15.23	493337	20.0
5-Bromo-4-oxo-4,5...	18.96	12.8	ng	315431	6	15.23	493337	20.0