

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112651.D
 Acq On : 21 Feb 2019 14:35
 Operator : JU/SJ
 Sample : K1345-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022019

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-BF012519.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	5.034	498	501	510	rBV	26000	37774	1.39%	0.130%
2	5.457	570	573	593	rBV	624891	853986	31.53%	2.940%
3	6.475	743	746	764	rBV	698664	984341	36.34%	3.389%
4	6.598	764	767	773	rVV	1062468	1046031	38.62%	3.601%
5	6.651	773	776	783	rVB5	31412	42871	1.58%	0.148%
6	6.822	801	805	811	rBV	535412	509076	18.80%	1.753%
7	6.975	826	831	840	rBV	850096	801820	29.60%	2.760%
8	7.386	898	901	909	rBV	533138	632286	23.34%	2.177%
9	8.081	1015	1019	1020	rBV	100720	85708	3.16%	0.295%
10	8.104	1020	1023	1029	rVV	684973	706877	26.10%	2.434%
11	8.157	1029	1032	1035	rVB2	46193	52085	1.92%	0.179%
12	8.392	1067	1072	1078	rBV6	33348	47799	1.76%	0.165%
13	8.604	1105	1108	1111	rBV	48069	44212	1.63%	0.152%
14	8.686	1119	1122	1126	rBV	133948	117865	4.35%	0.406%
15	8.922	1156	1162	1167	rBV3	77696	88048	3.25%	0.303%
16	9.045	1180	1183	1188	rBV4	31873	47605	1.76%	0.164%
17	9.175	1201	1205	1214	rBV	1458271	1252241	46.23%	4.311%
18	9.251	1214	1218	1221	rBV	161330	143614	5.30%	0.494%
19	9.445	1248	1251	1255	rVB4	31131	37968	1.40%	0.131%
20	9.522	1260	1264	1267	rVV3	42533	59688	2.20%	0.205%
21	9.569	1267	1272	1275	rVV2	113383	122334	4.52%	0.421%
22	9.633	1280	1283	1288	rVV4	46828	45124	1.67%	0.155%
23	9.722	1294	1298	1301	rBV2	47641	49907	1.84%	0.172%
24	9.780	1305	1308	1312	rVB	164506	130893	4.83%	0.451%
25	9.857	1316	1321	1325	rVV	875791	787602	29.08%	2.711%
26	9.892	1325	1327	1330	rVB	61940	57070	2.11%	0.196%
27	10.010	1343	1347	1350	rBV4	26873	39323	1.45%	0.135%
28	10.069	1354	1357	1359	rVV2	75120	73289	2.71%	0.252%
29	10.104	1359	1363	1366	rVB3	52728	60498	2.23%	0.208%
30	10.174	1371	1375	1378	rBV3	33400	46756	1.73%	0.161%
31	10.274	1387	1392	1396	rBV	163041	185127	6.84%	0.637%
32	10.410	1411	1415	1422	rVB	131296	136279	5.03%	0.469%
33	10.498	1424	1430	1432	rBV2	62390	82701	3.05%	0.285%
34	10.651	1453	1456	1466	rBV	688882	775367	28.63%	2.669%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.751	1470	1473	1482	rVB	157344	208660	7.70%	0.718%
36	10.957	1502	1508	1510	rBV3	48288	73969	2.73%	0.255%
37	11.086	1524	1530	1532	rBV6	21040	38418	1.42%	0.132%
38	11.198	1546	1549	1552	rBV	149623	128594	4.75%	0.443%
39	11.227	1552	1554	1556	rVV	60413	60187	2.22%	0.207%
40	11.245	1556	1557	1561	rVB	63070	41366	1.53%	0.142%
41	11.345	1571	1574	1576	rBV	759734	707873	26.14%	2.437%
42	11.374	1576	1579	1584	rVV	758721	752301	27.78%	2.590%
43	11.427	1584	1588	1592	rVV	172209	161304	5.96%	0.555%
44	11.592	1611	1616	1619	rBV2	45011	66350	2.45%	0.228%
45	11.621	1619	1621	1624	rBV2	113415	95459	3.52%	0.329%
46	11.721	1635	1638	1642	rVB	986772	840714	31.04%	2.894%
47	11.863	1657	1662	1663	rBV2	132389	188114	6.95%	0.648%
48	11.880	1663	1665	1670	rVV	175288	169463	6.26%	0.583%
49	11.927	1670	1673	1676	rVV2	47243	57252	2.11%	0.197%
50	11.963	1676	1679	1682	rVV3	193594	211770	7.82%	0.729%
51	11.986	1682	1683	1686	rVV	69665	45480	1.68%	0.157%
52	12.027	1686	1690	1695	rVB	109622	103621	3.83%	0.357%
53	12.145	1705	1710	1714	rBV	62779	72431	2.67%	0.249%
54	12.192	1714	1718	1726	rVB5	43131	70134	2.59%	0.241%
55	12.410	1750	1755	1757	rBV	2689700	2668630	98.53%	9.187%
56	12.433	1757	1759	1762	rVB	3423080	2708496	100.00%	9.324%
57	12.516	1769	1773	1777	rVB2	404143	375558	13.87%	1.293%
58	12.568	1777	1782	1786	rBV	1071743	1102821	40.72%	3.797%
59	12.651	1794	1796	1802	rVB5	37311	50283	1.86%	0.173%
60	12.716	1805	1807	1810	rVV	43095	38460	1.42%	0.132%
61	12.751	1810	1813	1815	rVV	102238	95260	3.52%	0.328%
62	12.798	1815	1821	1826	rVB	826649	959353	35.42%	3.303%
63	12.845	1826	1829	1833	rVB2	42605	45379	1.68%	0.156%
64	12.927	1838	1843	1846	rBV	1164926	1064966	39.32%	3.666%
65	13.010	1853	1857	1864	rBV4	60962	146070	5.39%	0.503%
66	13.074	1865	1868	1870	rBV	67602	61071	2.25%	0.210%
67	13.127	1874	1877	1878	rBV	75652	64818	2.39%	0.223%
68	13.186	1885	1887	1890	rVB	87857	78285	2.89%	0.270%
69	13.233	1890	1895	1902	rBV3	131556	179715	6.64%	0.619%
70	13.321	1908	1910	1913	rBV2	50624	47207	1.74%	0.163%
71	13.351	1913	1915	1918	rVV	48814	47427	1.75%	0.163%

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72	13.486	1934	1938	1942	rBV3	47966	59972	2.21%	0.206%
73	13.751	1980	1983	1984	rBV2	53891	52596	1.94%	0.181%
74	13.768	1984	1986	1989	rVB	59061	45953	1.70%	0.158%
75	13.815	1989	1994	1998	rBV4	112855	194674	7.19%	0.670%
76	13.857	1998	2001	2006	rVB2	67471	82869	3.06%	0.285%
77	13.904	2006	2009	2014	rBV2	54594	75299	2.78%	0.259%
78	13.992	2018	2024	2027	rBV2	779574	1126142	41.58%	3.877%
79	14.021	2027	2029	2036	rVB	377103	352907	13.03%	1.215%
80	14.104	2040	2043	2045	rVV	57662	52574	1.94%	0.181%
81	14.127	2045	2047	2050	rVV	88244	75121	2.77%	0.259%
82	14.162	2050	2053	2057	rVB3	45534	53546	1.98%	0.184%
83	14.386	2086	2091	2094	rBV	83761	99036	3.66%	0.341%
84	14.433	2094	2099	2102	rBV2	172589	215606	7.96%	0.742%
85	14.521	2110	2114	2118	rBV5	47512	91010	3.36%	0.313%
86	14.733	2147	2150	2153	rVB	180192	170150	6.28%	0.586%
87	14.804	2160	2162	2165	rVB2	42892	43249	1.60%	0.149%
88	14.851	2166	2170	2173	rBV	123432	160509	5.93%	0.553%
89	15.045	2199	2203	2205	rBV	338306	487473	18.00%	1.678%
90	15.151	2219	2221	2225	rBV	55010	57472	2.12%	0.198%
91	15.345	2251	2254	2258	rBV	162760	187872	6.94%	0.647%
92	15.409	2262	2265	2268	rBV	253319	339818	12.55%	1.170%
93	15.468	2272	2275	2279	rVV	411891	498175	18.39%	1.715%
94	15.856	2338	2341	2346	rVB	107537	153093	5.65%	0.527%
95	16.351	2421	2425	2437	rVB2	94045	203486	7.51%	0.701%
96	17.421	2602	2607	2615	rBV2	68953	157504	5.82%	0.542%

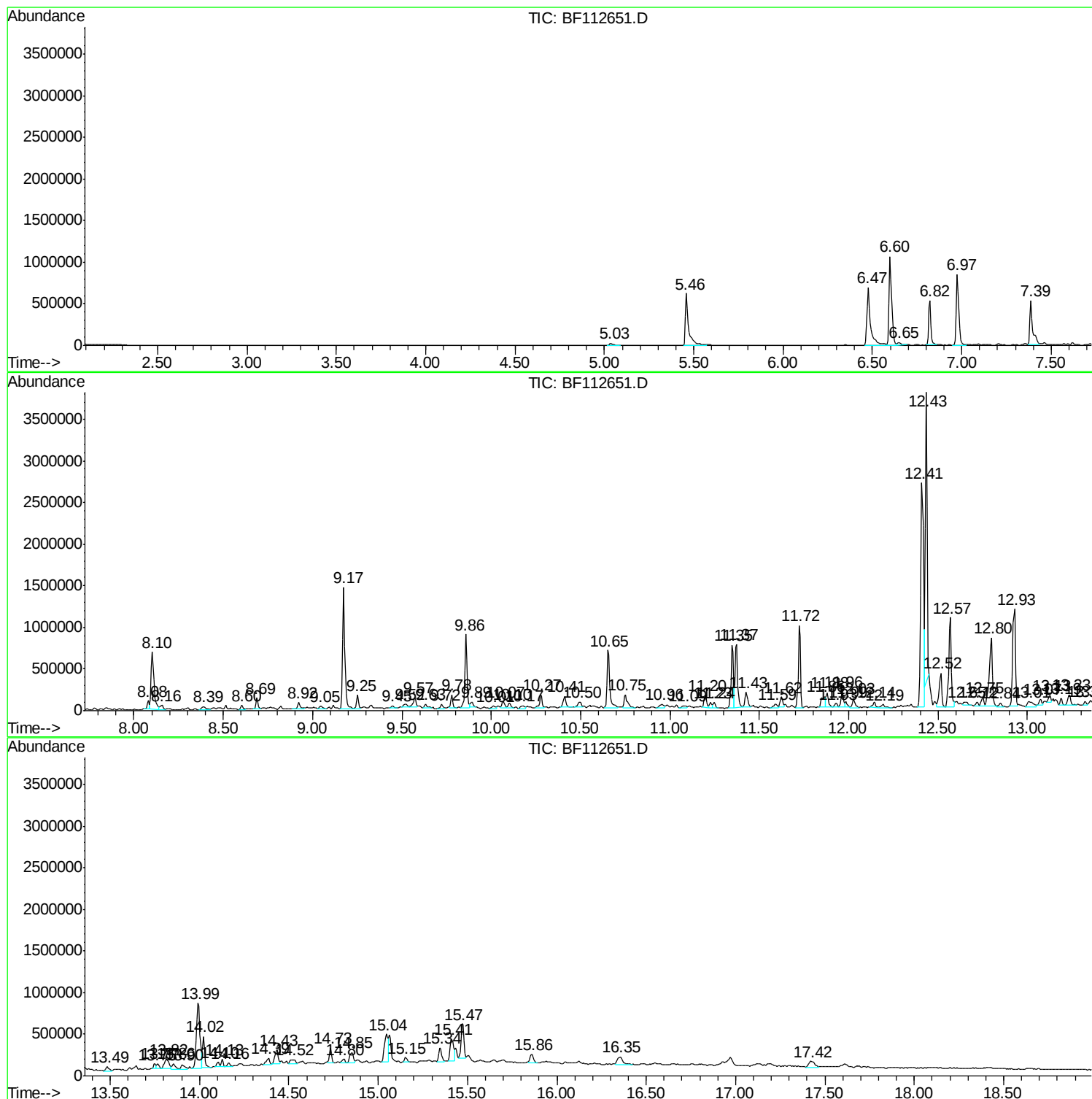
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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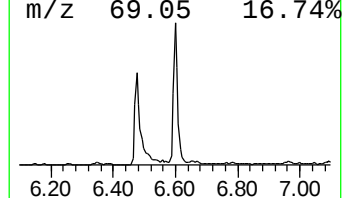
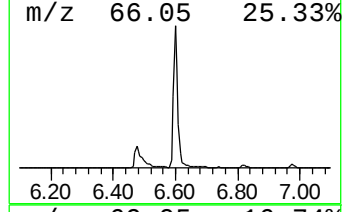
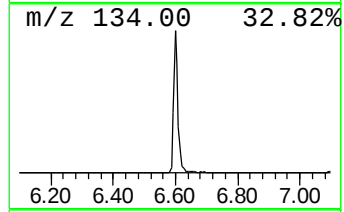
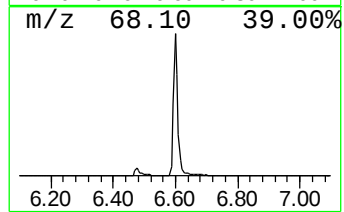
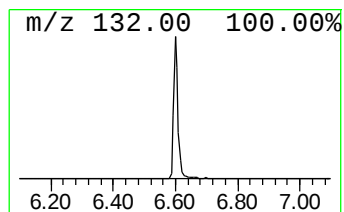
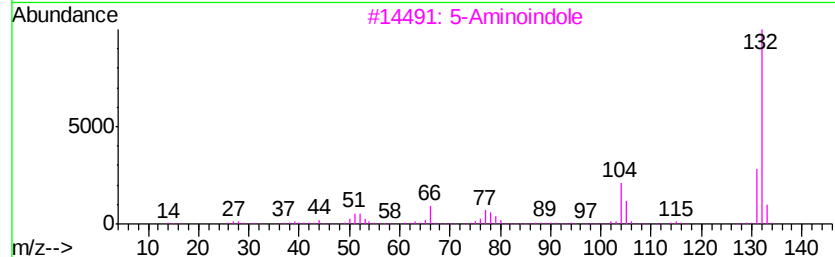
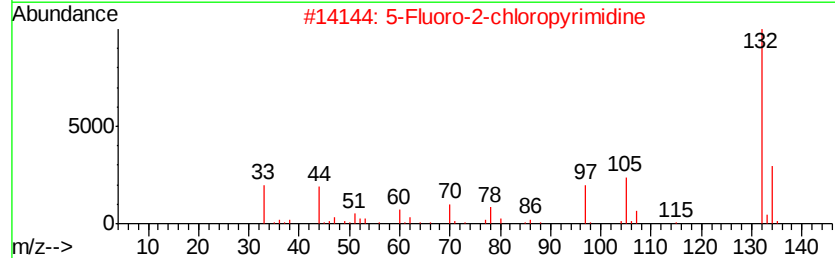
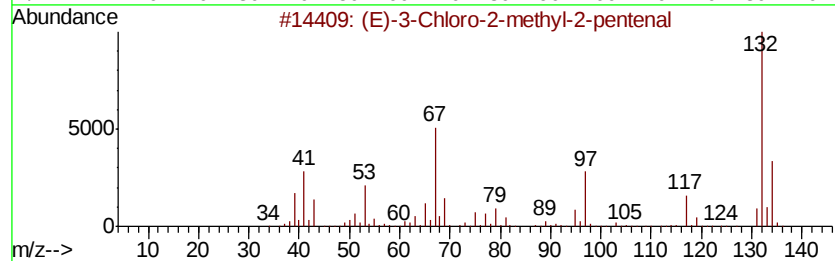
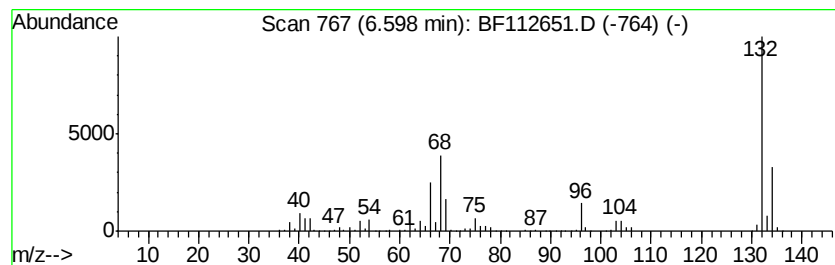
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	41.10 ng	1046030	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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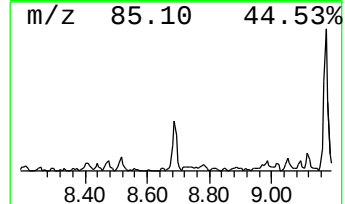
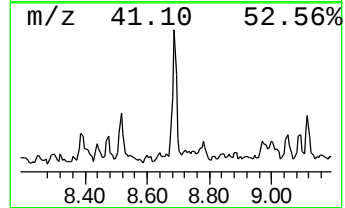
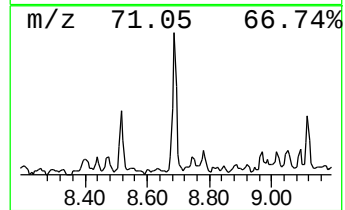
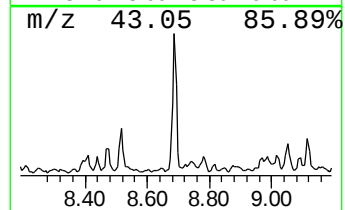
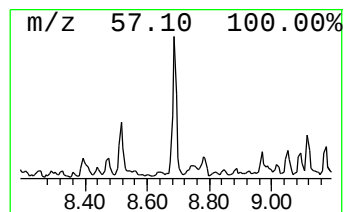
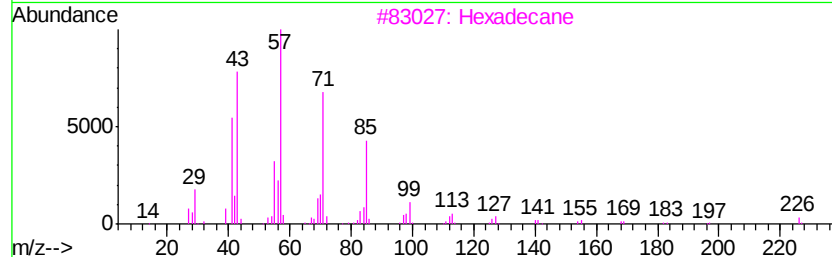
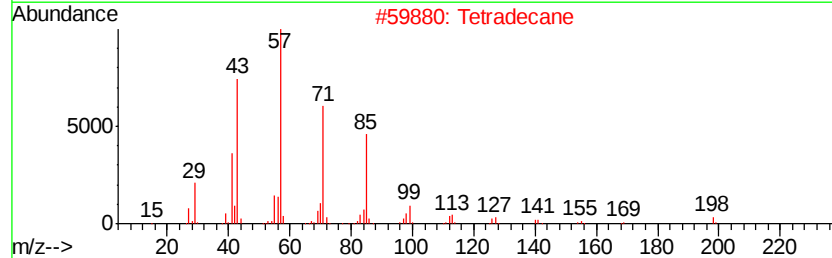
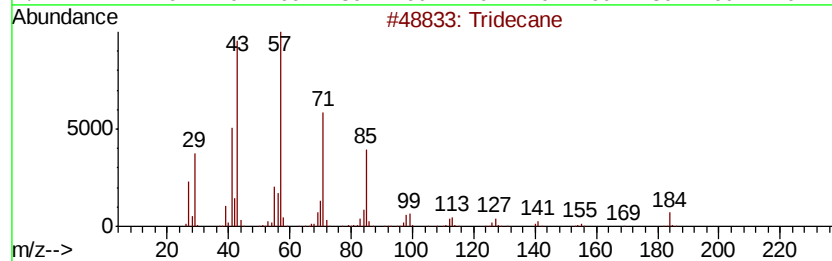
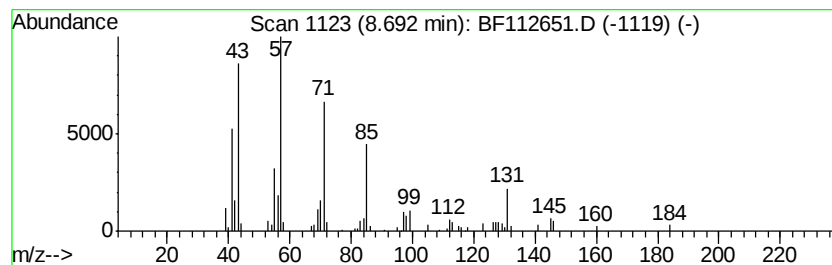
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.33 ng	117865	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	80
2		Tetradecane	198	C14H30	000629-59-4	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Dodecane	170	C12H26	000112-40-3	72
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64



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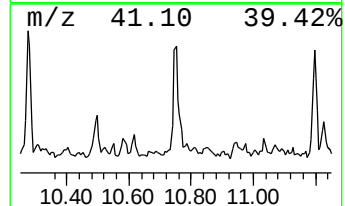
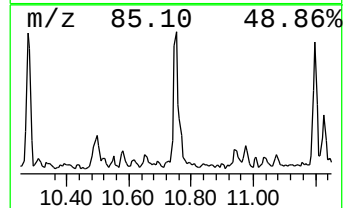
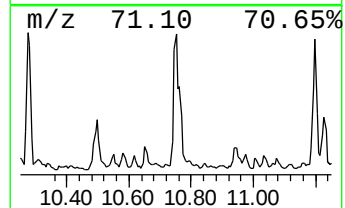
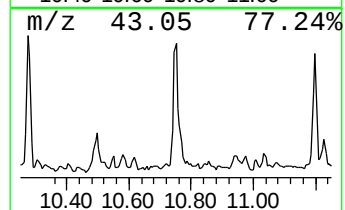
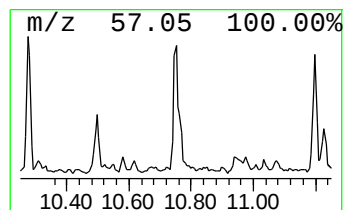
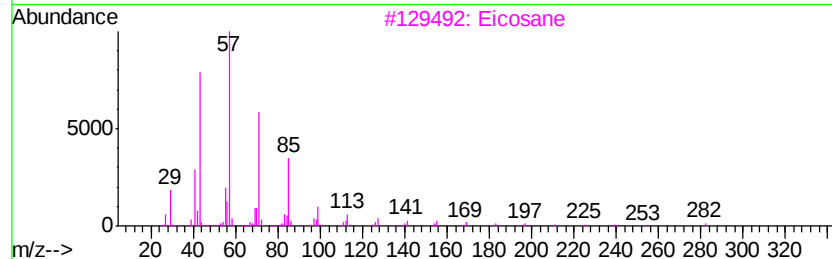
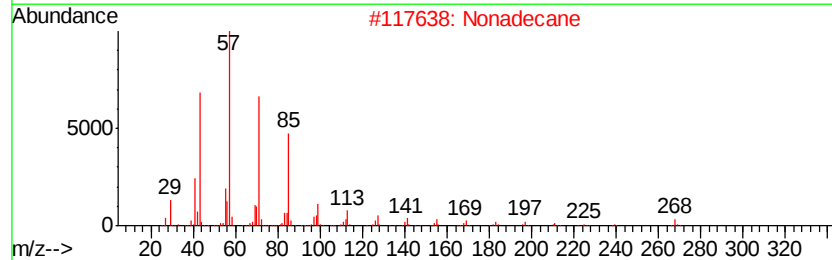
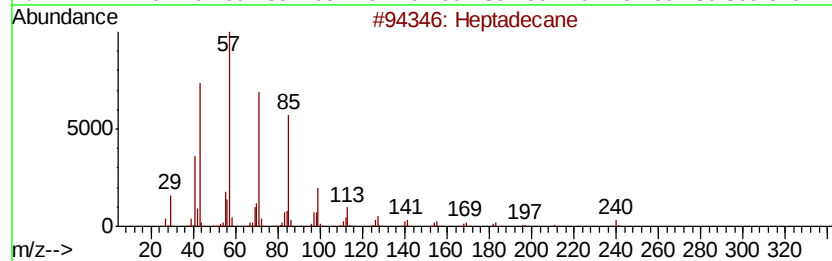
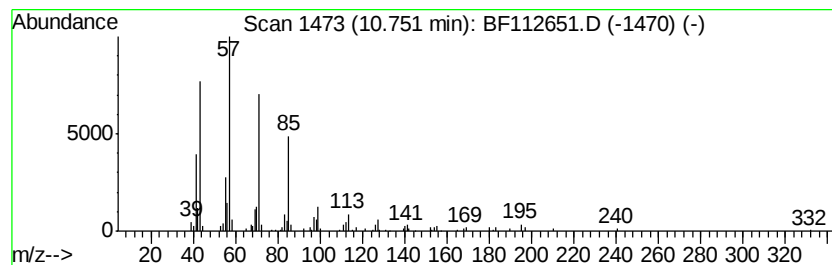
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Peak Number 6 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	5.90 ng	208660	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Nonadecane		268	C19H40	000629-92-5	87
3	Eicosane		282	C20H42	000112-95-8	87
4	Octadecane		254	C18H38	000593-45-3	87
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

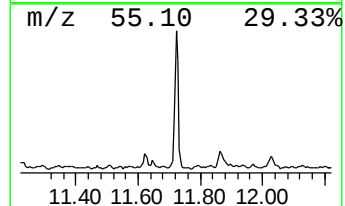
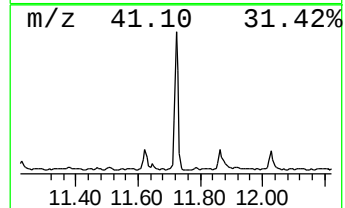
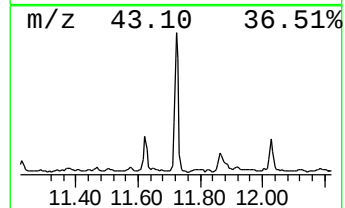
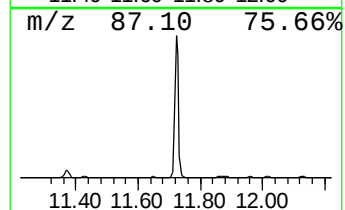
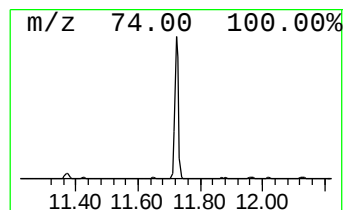
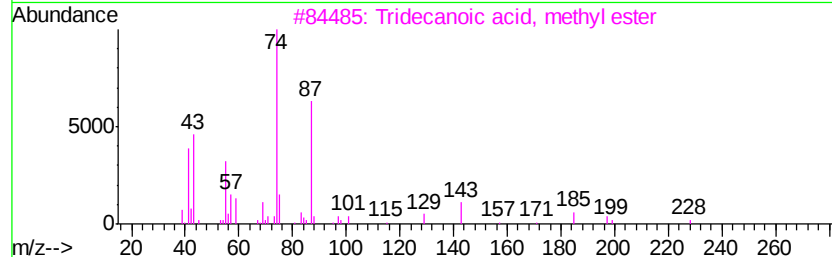
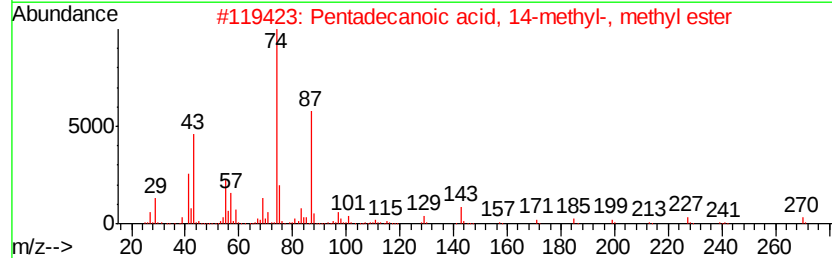
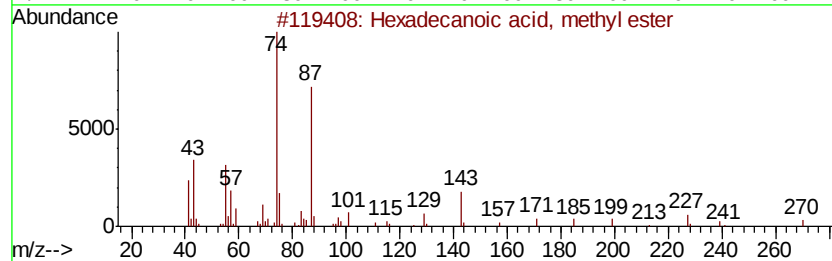
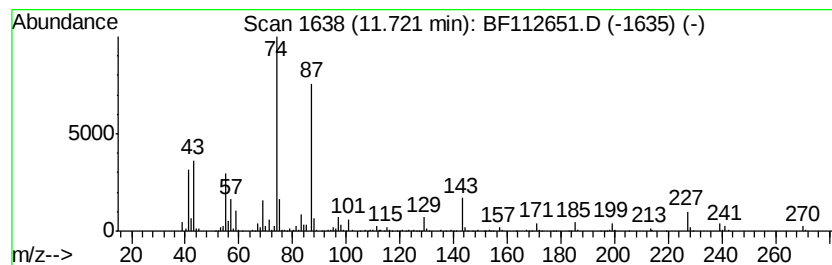
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	23.75 ng	840714	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

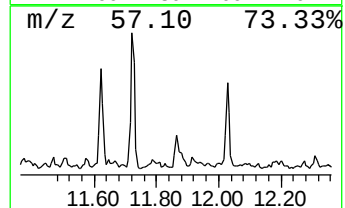
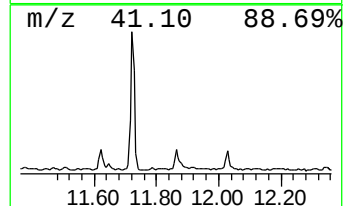
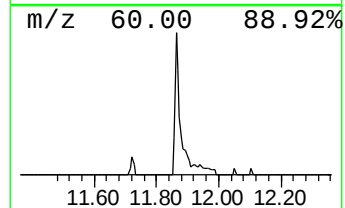
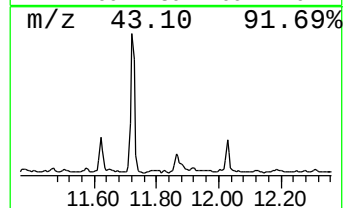
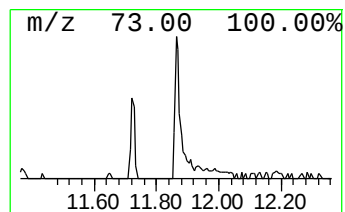
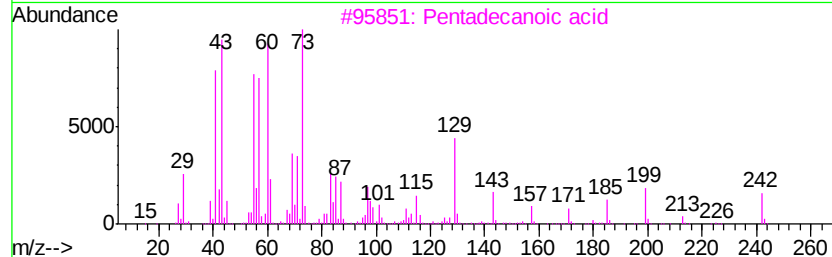
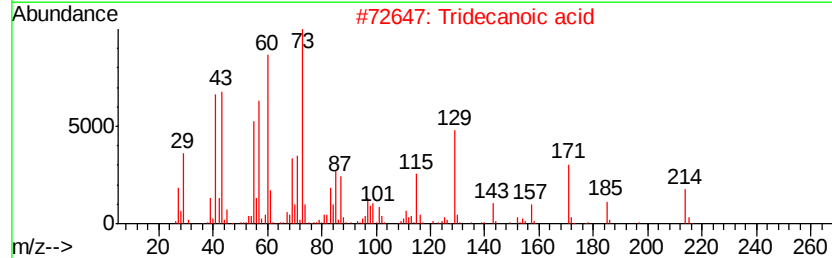
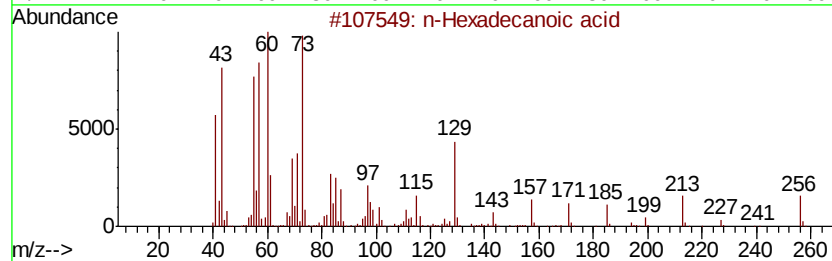
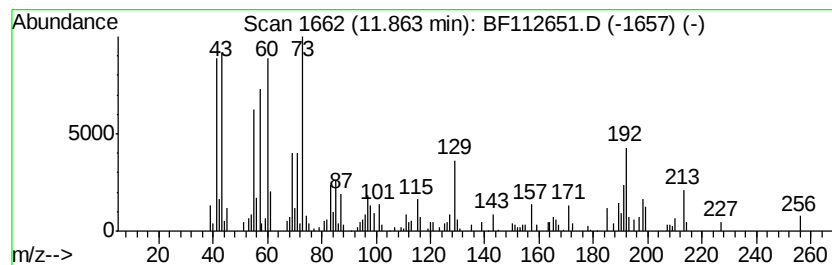
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	5.31 ng	188114	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
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Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-022019

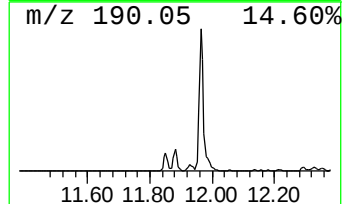
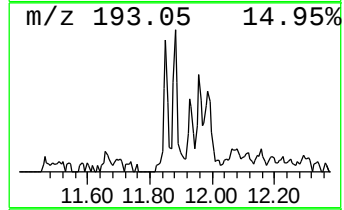
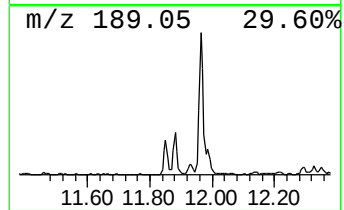
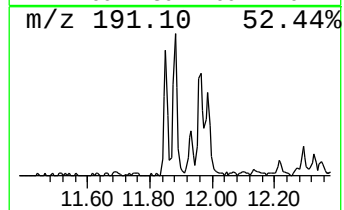
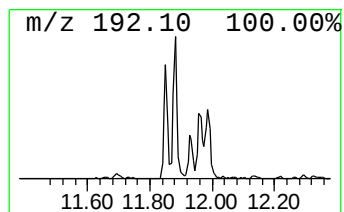
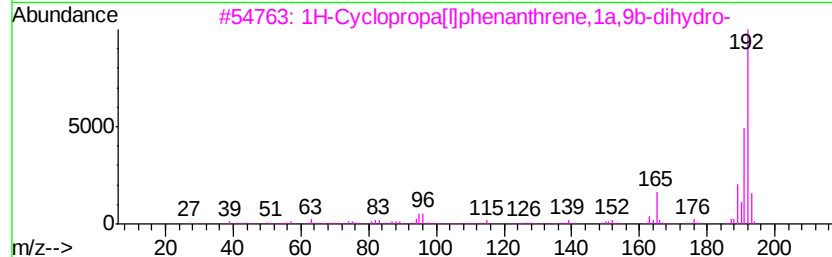
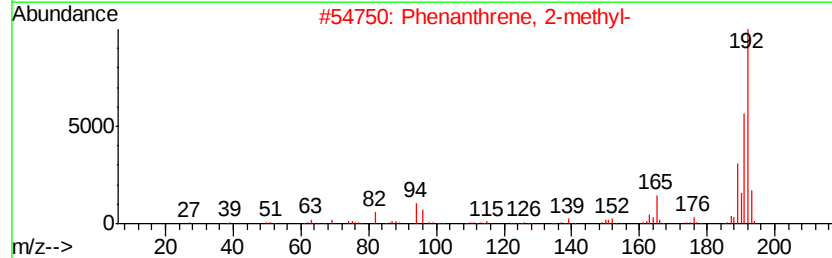
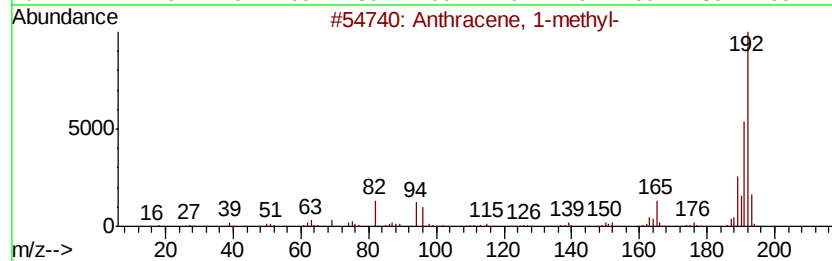
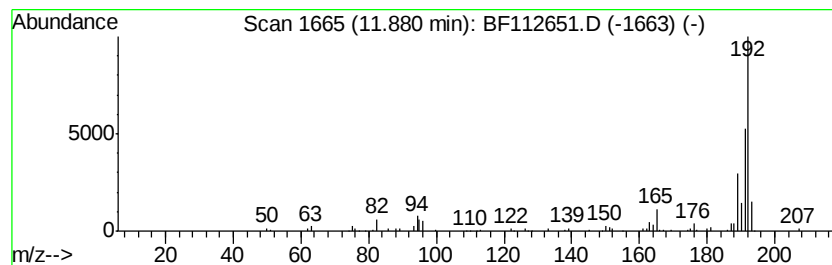
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.79 ng	169463	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

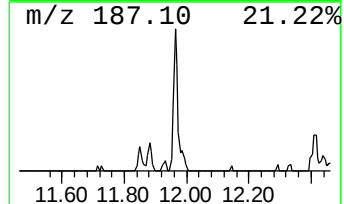
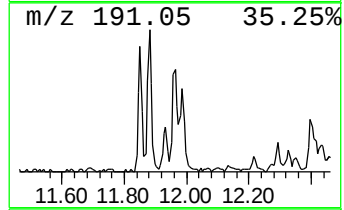
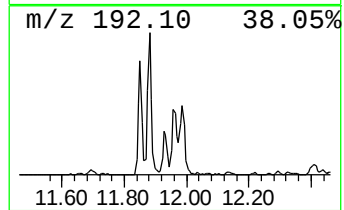
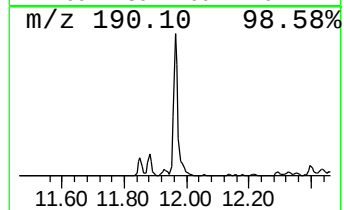
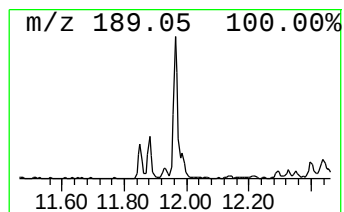
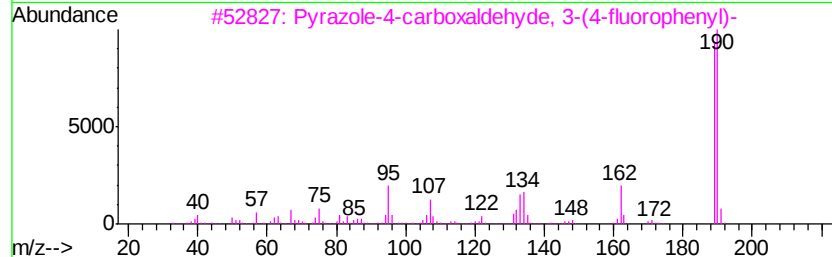
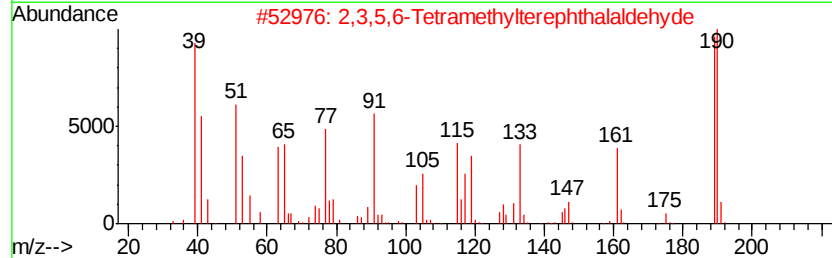
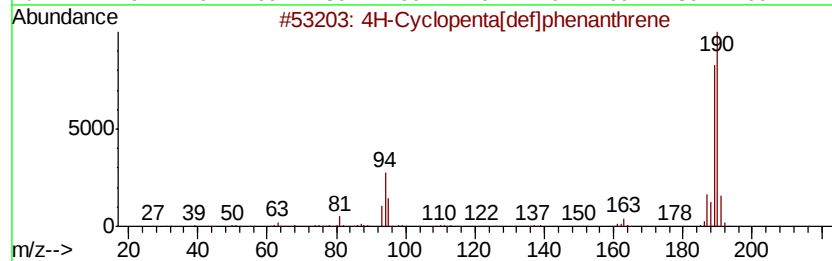
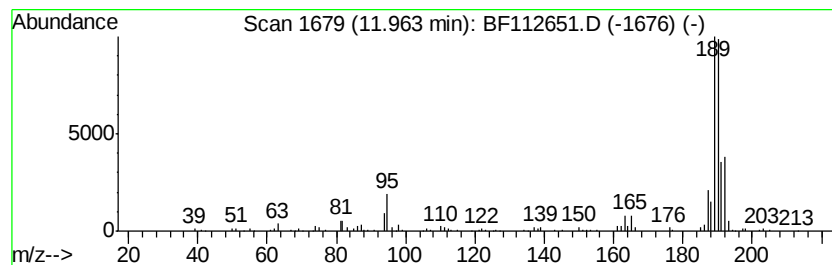
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	5.98 ng	211770	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
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Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
HD-01-022019

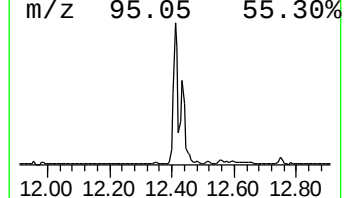
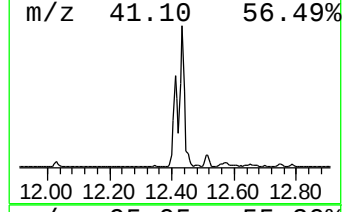
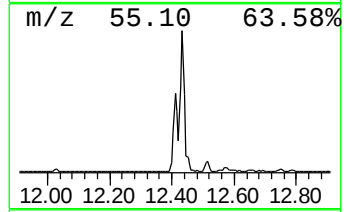
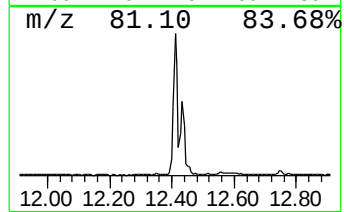
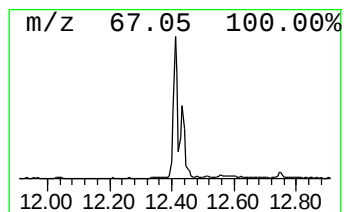
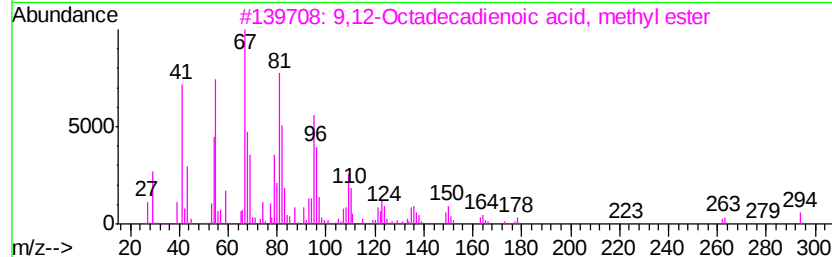
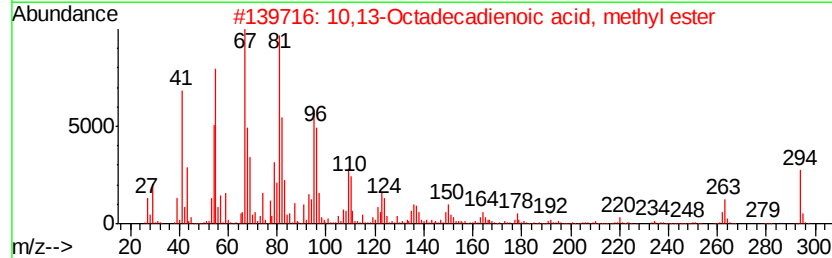
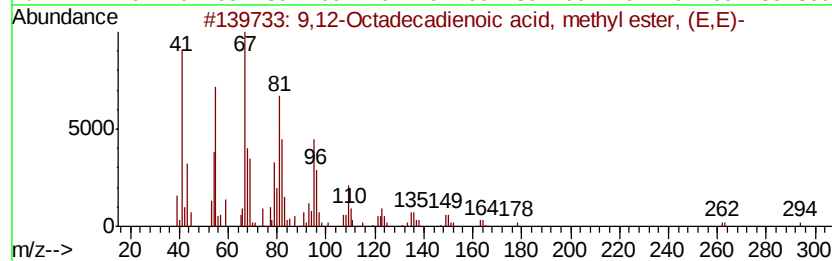
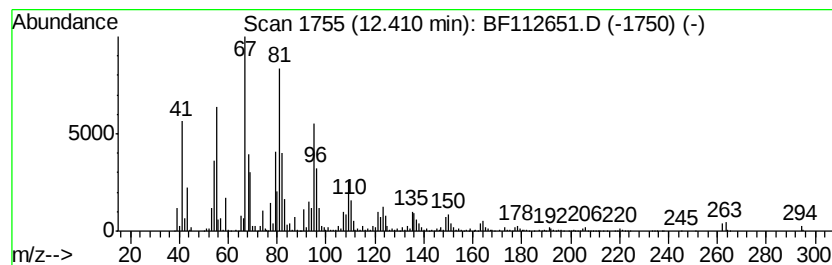
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	75.40 ng	2668630	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



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Misc :
ALS Vial : 8 Sample Multiplier: 1

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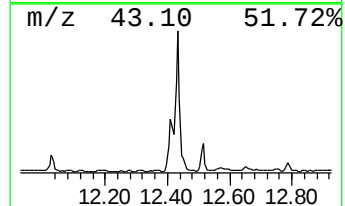
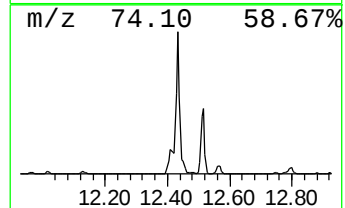
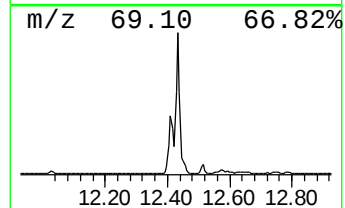
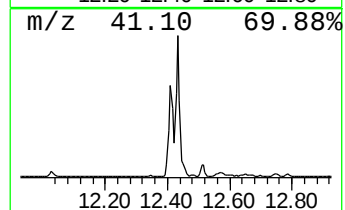
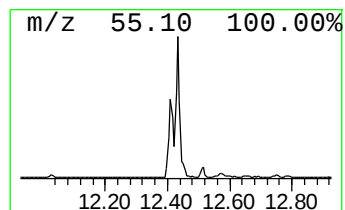
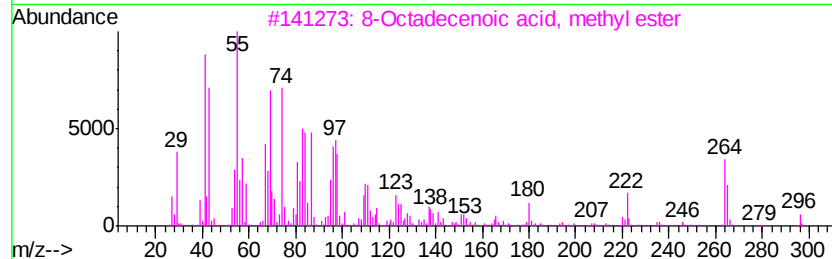
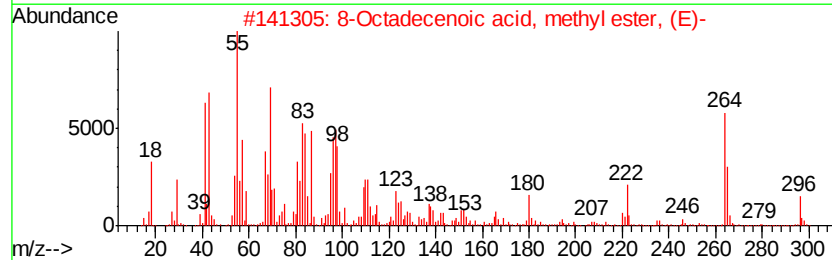
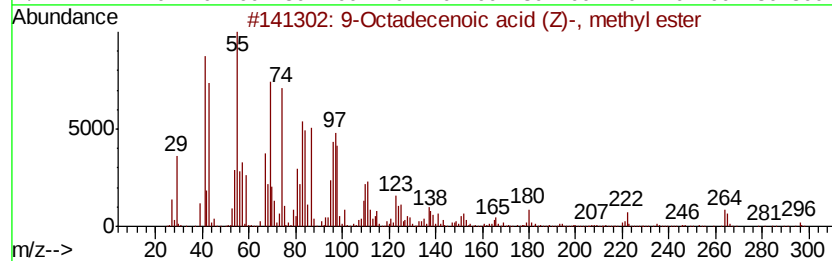
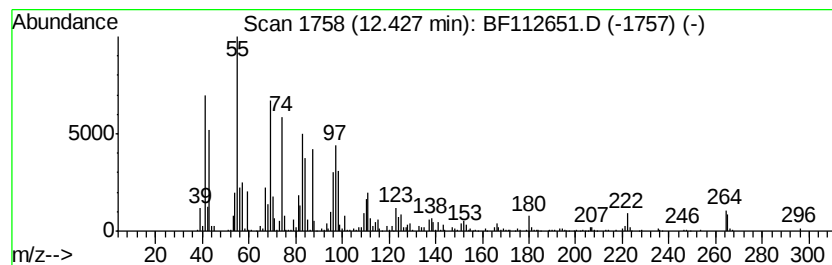
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	76.52 ng	2708500	Phenanthrene-d10	11.35

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 este...	296	C19H36O2	026528-50-7	99
3		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99



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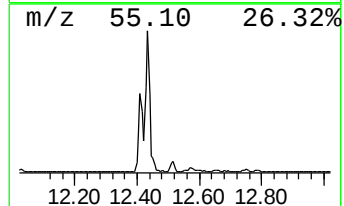
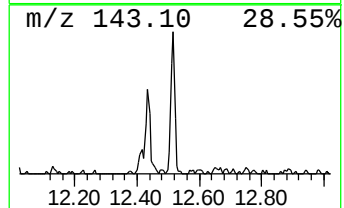
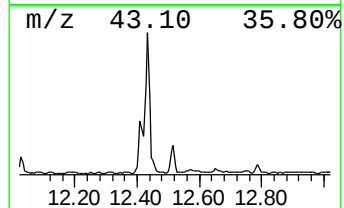
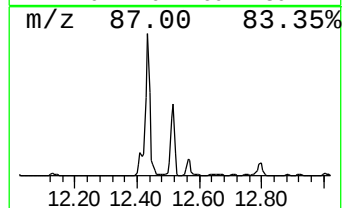
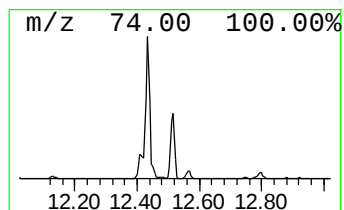
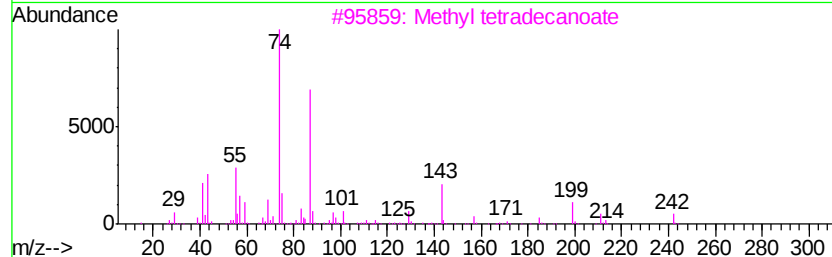
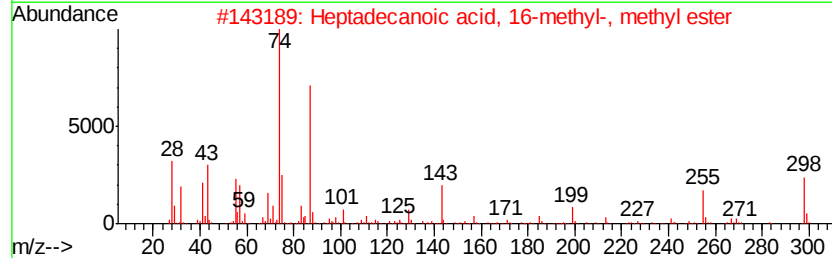
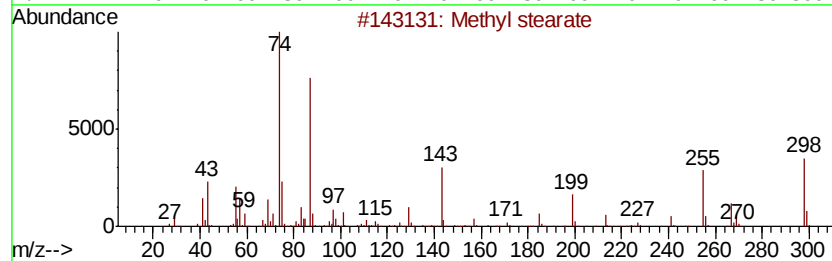
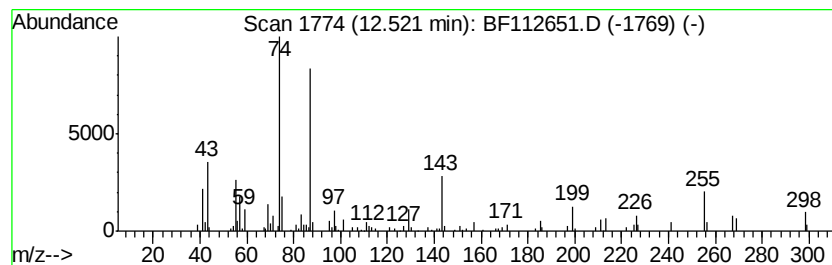
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	10.61 ng	375558	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	98
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	96
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

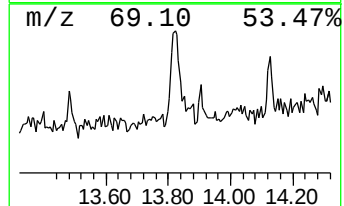
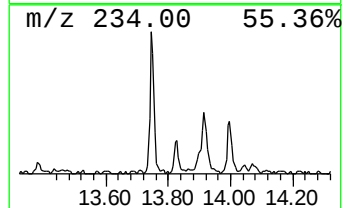
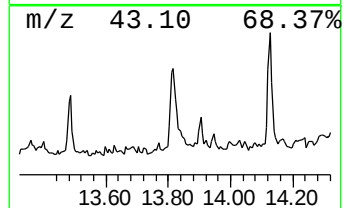
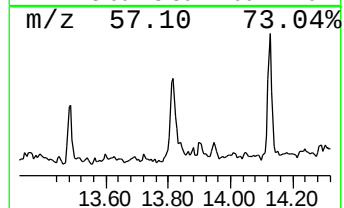
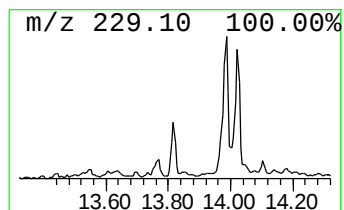
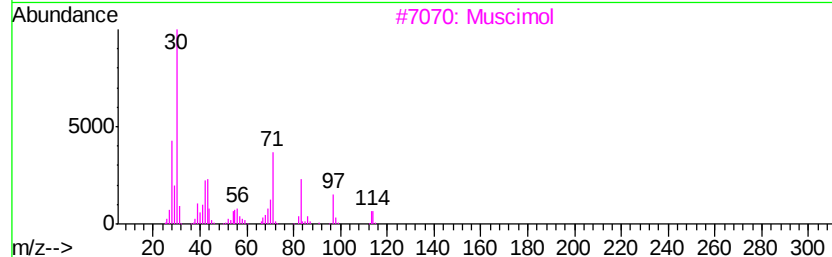
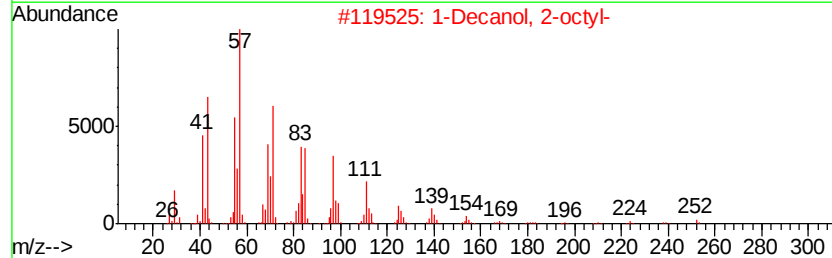
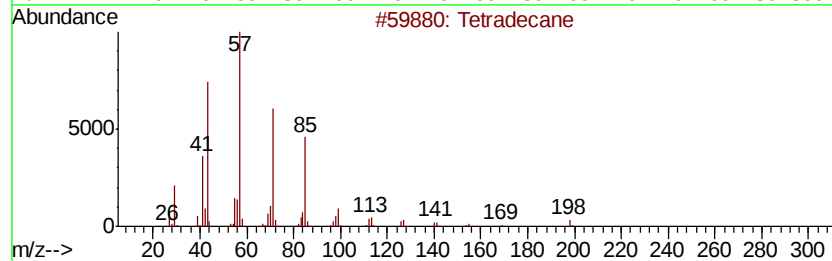
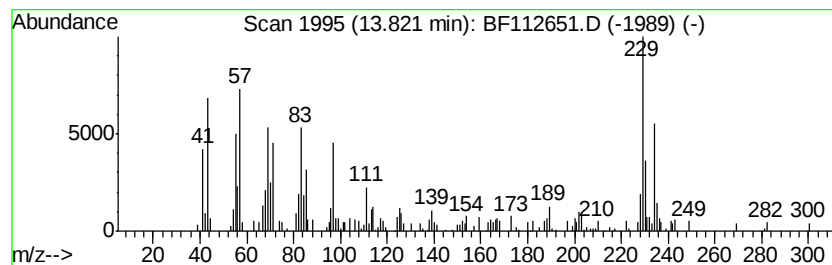
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.46 ng	194674	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	53
2		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	38
3		Muscimol	114	C4H6N2O2	002763-96-4	35
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	30
5		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
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Operator : JU/SJ
Sample : K1345-03 2X
Misc :
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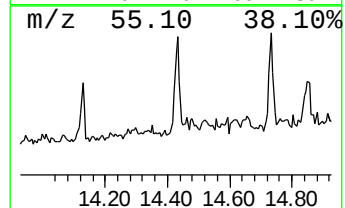
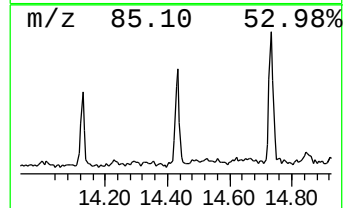
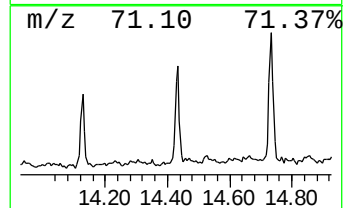
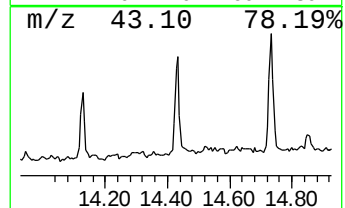
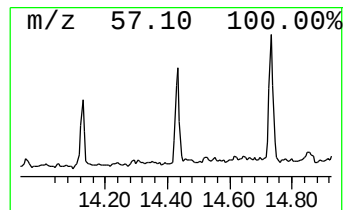
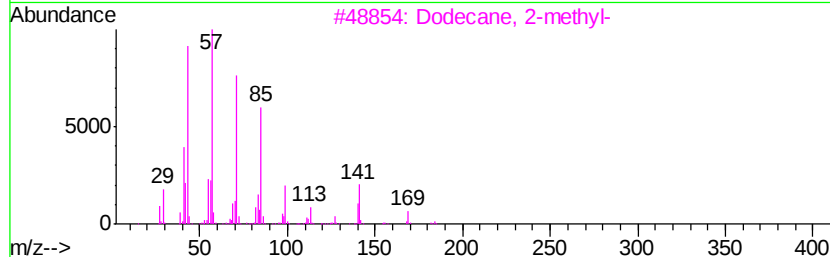
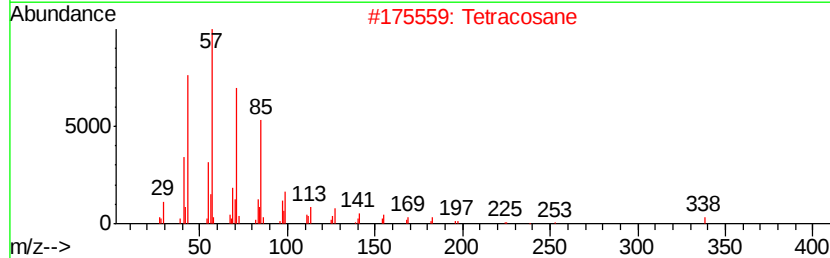
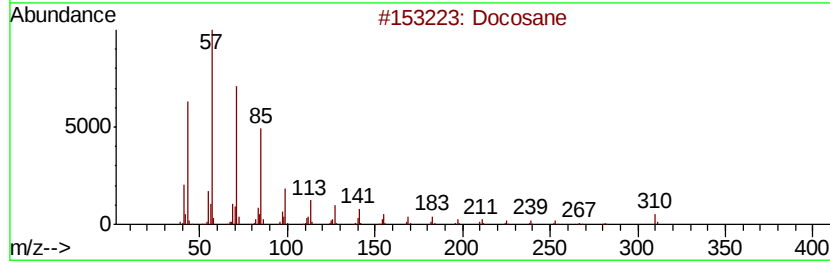
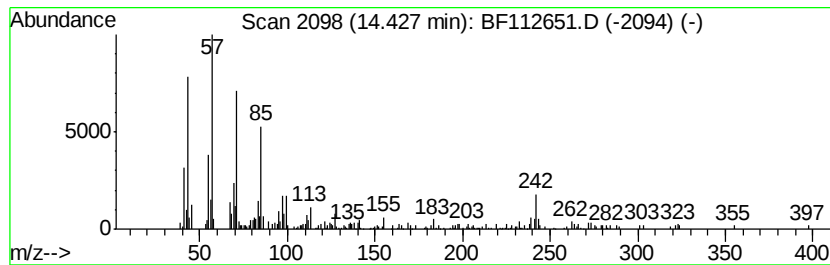
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.43	3.83 ng	215606	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Dodecane, 2-methvl-	184	C13H28	001560-97-0	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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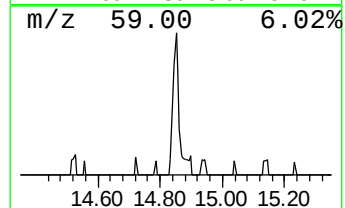
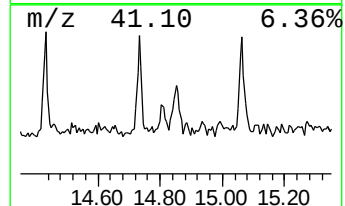
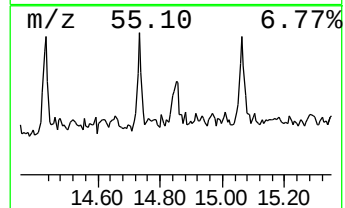
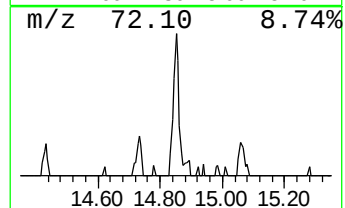
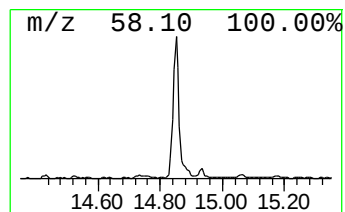
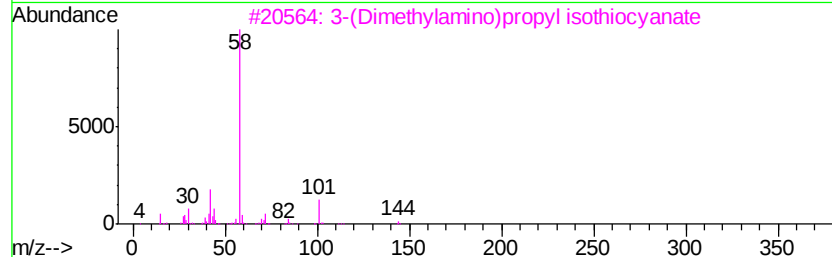
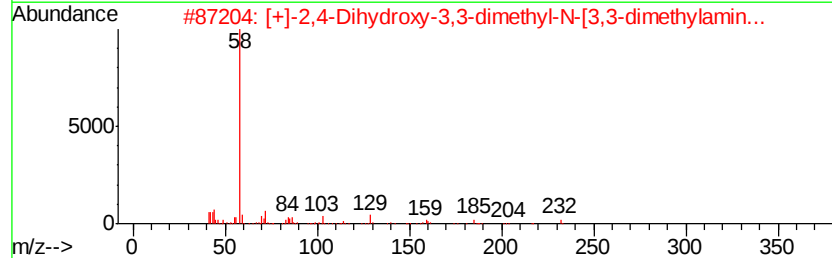
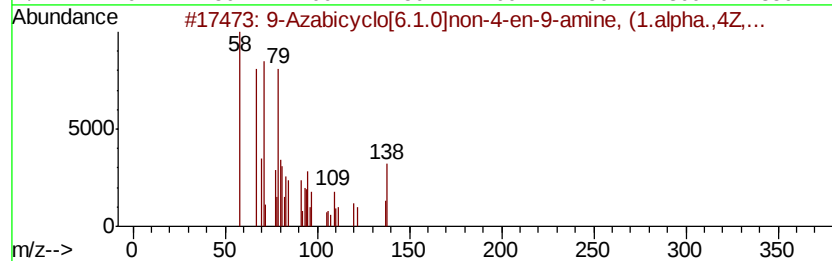
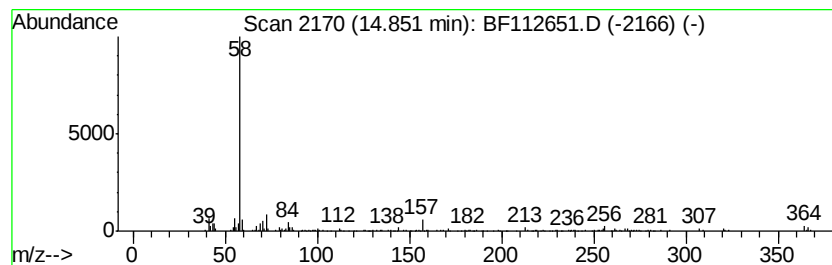
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	6.44 ng	160509	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	76
2		[+]-2,4-Dihydroxy-3,3-dimethyl-N...	232	C11H24N2O3	1000253-94-2	64
3		3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	64
4		S-[2-[N,N-Dimethylamino]ethyl]pyr...	245	C10H19N3O2S	1000212-14-2	64
5		Benzamide, 3,4-dichloro-N-(3-dim...	274	C12H16Cl2N2O	333347-10-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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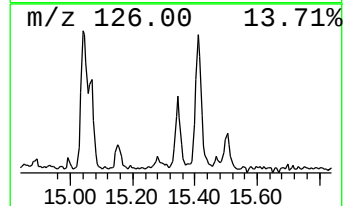
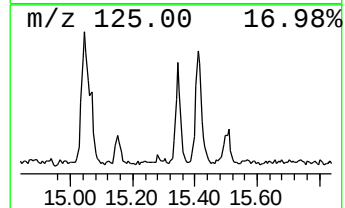
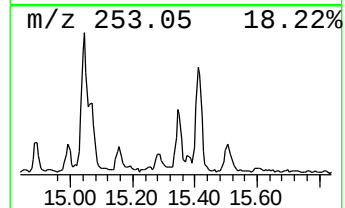
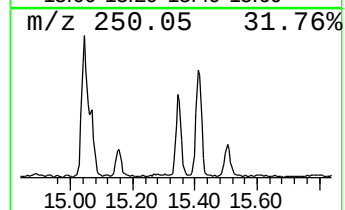
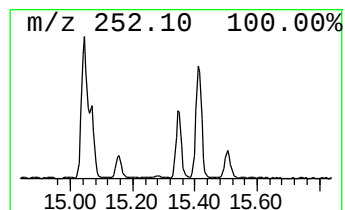
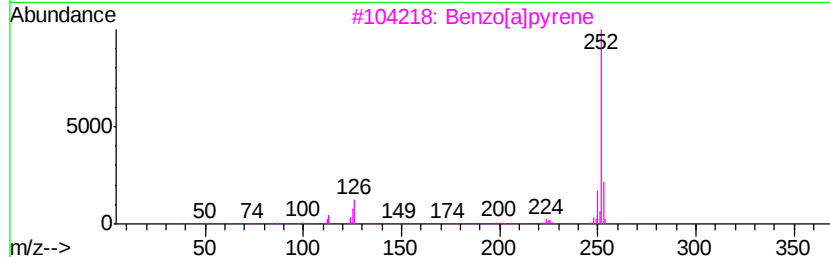
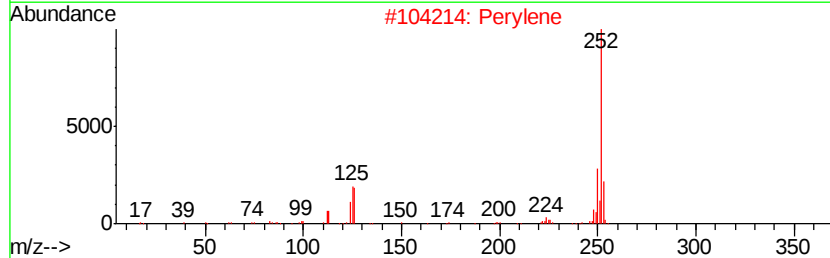
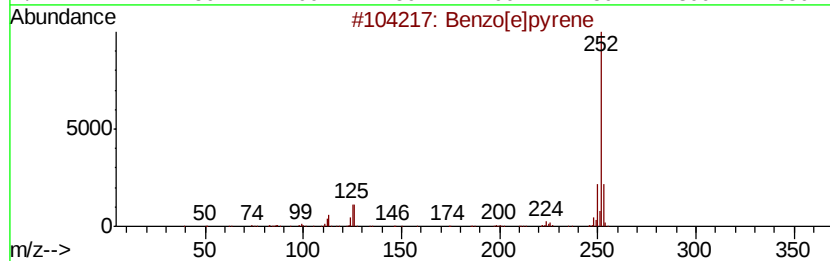
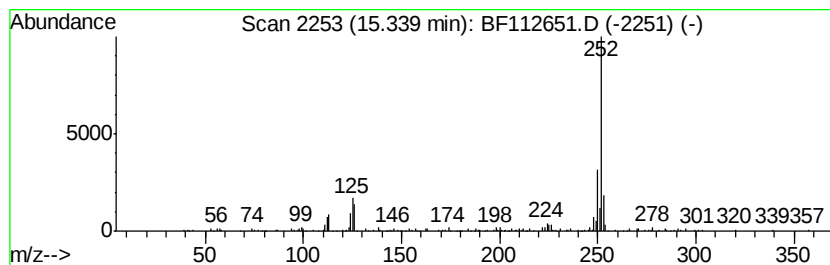
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	7.54 ng	187872	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
Operator : JU/SJ
Sample : K1345-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

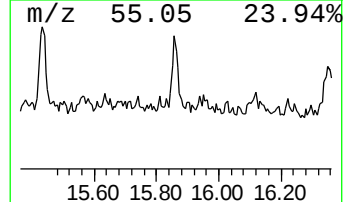
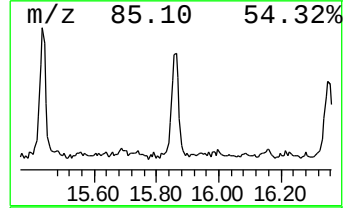
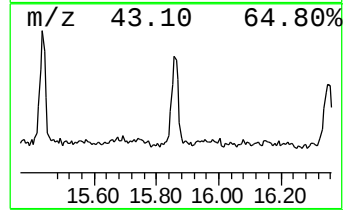
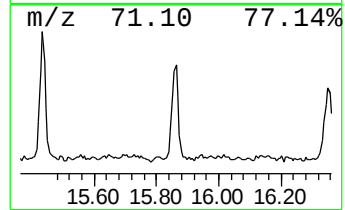
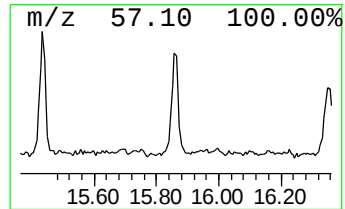
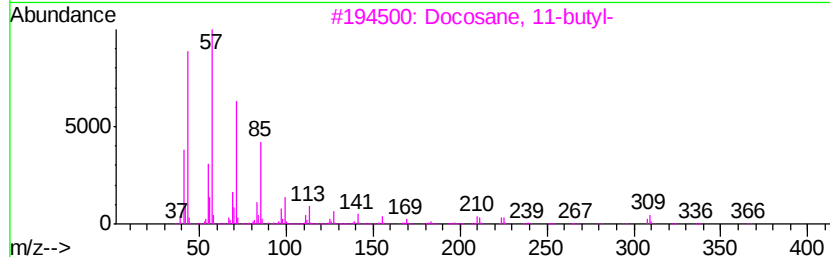
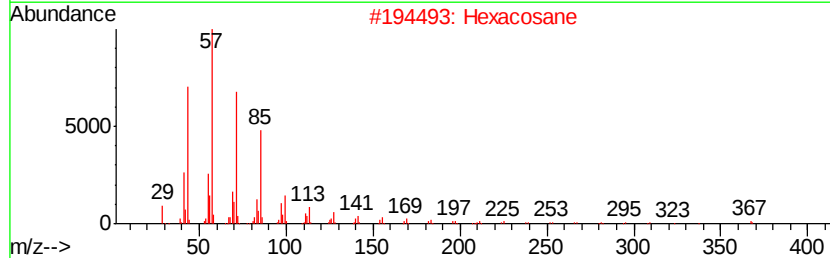
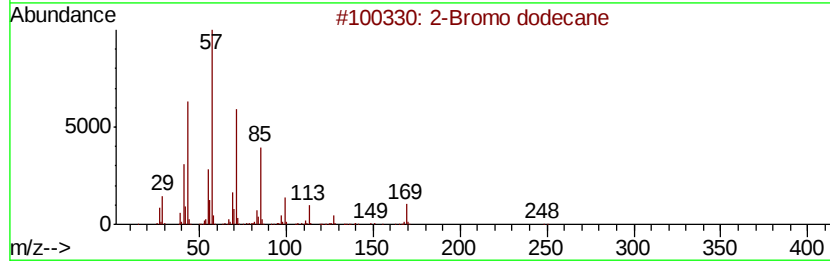
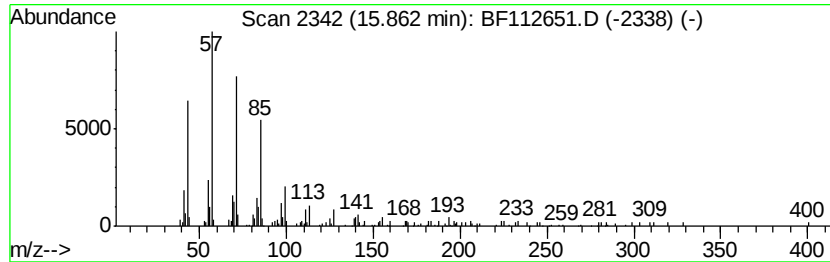
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	6.15 ng	153093	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2			Hexacosane	366	C26H54	000630-01-3	87
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
Acq On : 21 Feb 2019 14:35
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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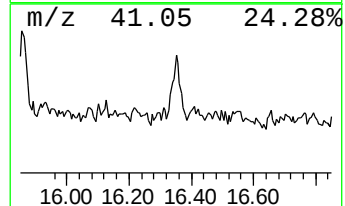
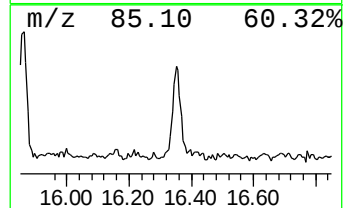
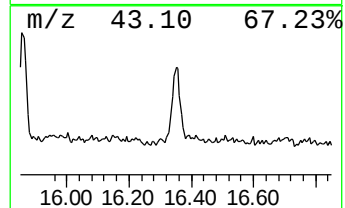
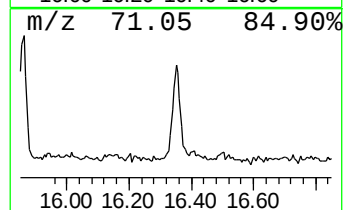
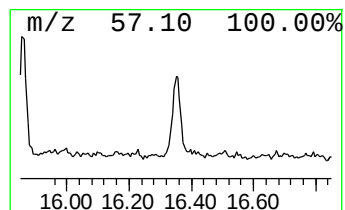
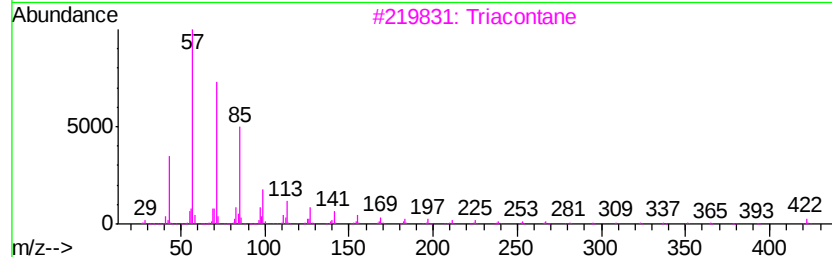
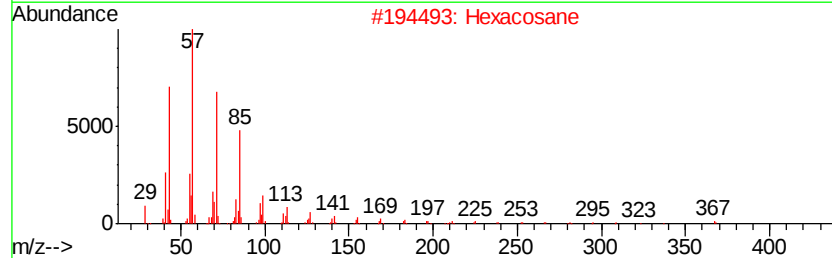
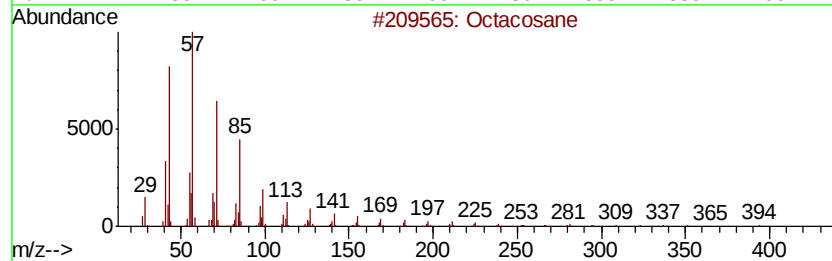
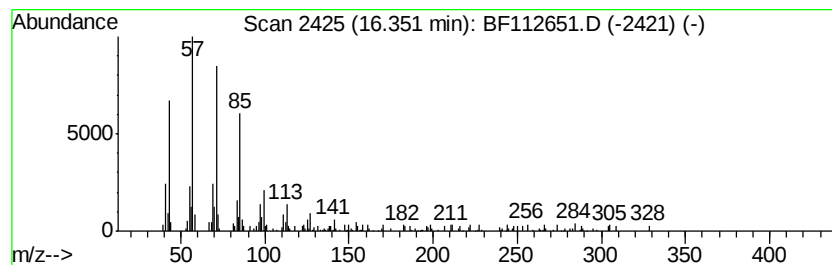
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	8.17 ng	203486	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		triacontane	422	C30H62	000638-68-6	87
4		Hentriacontane	437	C31H64	000630-04-6	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
 Data File : BF112651.D
 Acq On : 21 Feb 2019 14:35
 Operator : JU/SJ
 Sample : K1345-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
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Heptadecane	10.75	5.9	ng	208660	4	11.35	707873	20.0
Hexadecanoic acid...	11.72	23.8	ng	840714	4	11.35	707873	20.0
n-Hexadecanoic acid	11.86	5.3	ng	188114	4	11.35	707873	20.0
Anthracene, 1-met...	11.88	4.8	ng	169463	4	11.35	707873	20.0
4H-Cyclopenta[def...	11.96	6.0	ng	211770	4	11.35	707873	20.0
9,12-Octadecadien...	12.41	75.4	ng	2668630	4	11.35	707873	20.0
9-Octadecenoic ac...	12.43	76.5	ng	2708500	4	11.35	707873	20.0
Methyl stearate	12.52	10.6	ng	375558	4	11.35	707873	20.0
Tetradecane	13.82	3.5	ng	194674	5	14.00	1126140	20.0
Docosane	14.43	3.8	ng	215606	5	14.00	1126140	20.0
9-Azabicyclo[6.1....	14.85	6.4	ng	160509	6	15.47	498175	20.0
Benzo[e]pyrene	15.34	7.5	ng	187872	6	15.47	498175	20.0
2-Bromo dodecane	15.86	6.2	ng	153093	6	15.47	498175	20.0
Octacosane	16.35	8.2	ng	203486	6	15.47	498175	20.0