

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091218\
 Data File : BF108960.D
 Acq On : 12 Sep 2018 19:53
 Operator : JU/SJ
 Sample : J4853-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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	4.925	436	440	450	rVB	63789	79272	3.49%	0.319%
2	5.343	507	511	514	rBV	2028054	1808010	79.56%	7.283%
3	6.366	680	685	688	rBV	2198451	1891683	83.24%	7.621%
4	6.501	704	708	711	rBV	2348535	1936652	85.22%	7.802%
5	6.737	744	748	751	rBV	1237212	967970	42.59%	3.899%
6	6.890	771	774	778	rVB	1803315	1542640	67.88%	6.214%
7	7.137	813	816	818	rBV	66831	49777	2.19%	0.201%
8	7.289	838	842	846	rBV	1362384	1222841	53.81%	4.926%
9	8.019	962	966	969	rBV	1403641	1240870	54.60%	4.999%
10	8.189	990	995	1001	rBV2	22186	27728	1.22%	0.112%
11	9.089	1144	1148	1152	rBV	2670772	2272524	100.00%	9.155%
12	9.483	1211	1215	1224	rBV	662950	537160	23.64%	2.164%
13	9.766	1259	1263	1267	rBV	1641052	1367321	60.17%	5.508%
14	10.548	1392	1396	1406	rBV	1422632	1261456	55.51%	5.082%
15	10.683	1415	1419	1426	rBV6	15379	29000	1.28%	0.117%
16	11.242	1510	1514	1516	rBV	1525235	1269548	55.87%	5.114%
17	11.266	1516	1518	1521	rVV	163626	125849	5.54%	0.507%
18	11.313	1521	1526	1530	rVB2	33399	36050	1.59%	0.145%
19	11.777	1601	1605	1609	rBV2	125926	136699	6.02%	0.551%
20	11.854	1614	1618	1620	rBV2	42377	45124	1.99%	0.182%
21	12.289	1689	1692	1695	rBV	24479	26054	1.15%	0.105%
22	12.372	1703	1706	1711	rVB3	23728	25860	1.14%	0.104%
23	12.448	1715	1719	1723	rVV	319707	271244	11.94%	1.093%
24	12.560	1735	1738	1743	rBV5	24554	34468	1.52%	0.139%
25	12.672	1752	1757	1761	rBV	319300	320802	14.12%	1.292%
26	12.824	1779	1783	1786	rBV	1996560	1742658	76.68%	7.020%
27	12.895	1790	1795	1798	rBV3	22589	35755	1.57%	0.144%
28	13.001	1811	1813	1817	rVB2	35170	30476	1.34%	0.123%
29	13.107	1827	1831	1834	rBV	33408	34957	1.54%	0.141%
30	13.507	1896	1899	1904	rVB	27995	32875	1.45%	0.132%
31	13.613	1913	1917	1921	rBV2	31353	47751	2.10%	0.192%
32	13.742	1936	1939	1948	rBV4	47598	98791	4.35%	0.398%
33	13.866	1955	1960	1963	rBV	1273510	1285920	56.59%	5.180%
34	13.889	1963	1964	1967	rVB	155495	91913	4.04%	0.370%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

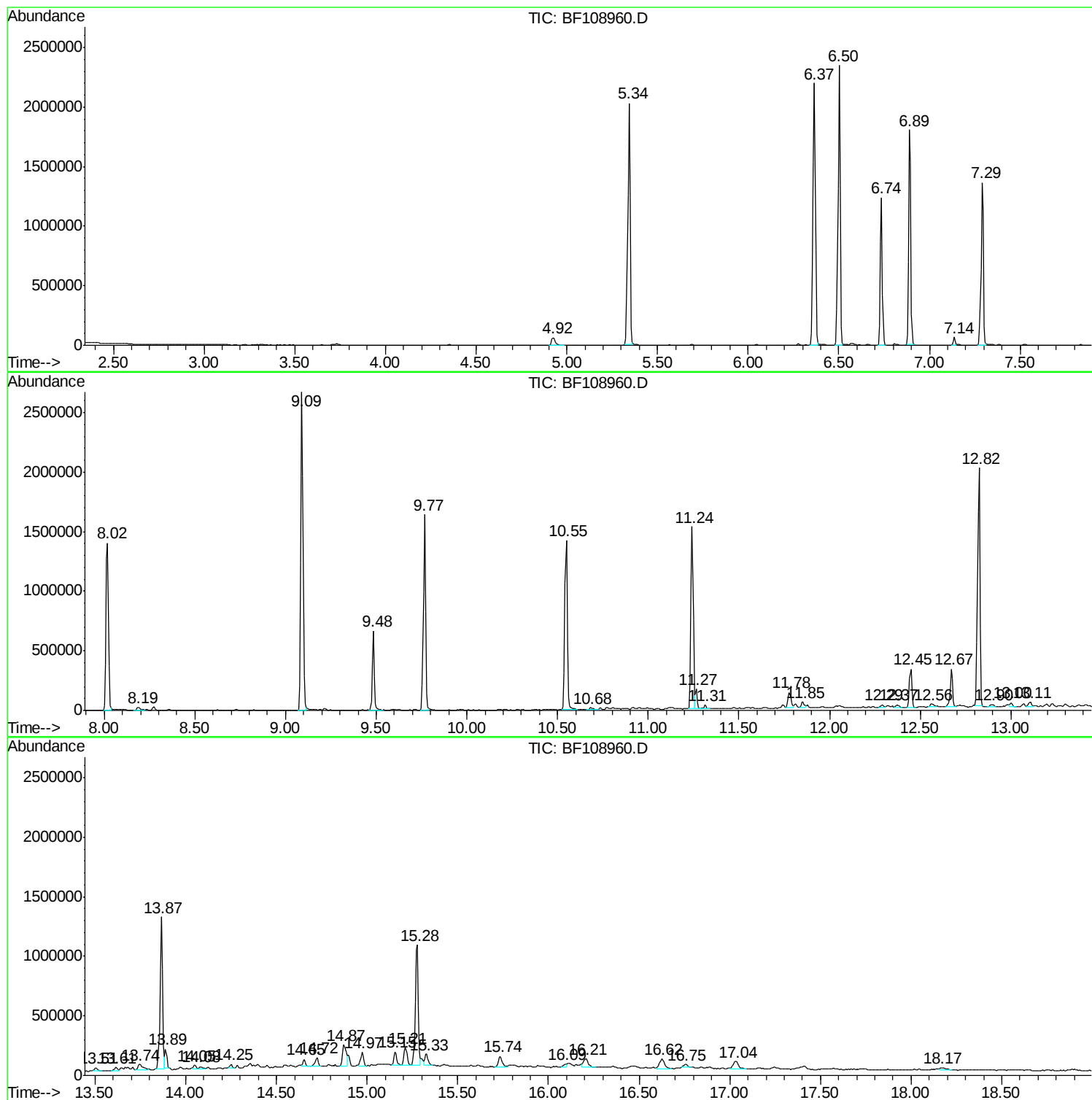
35	14.048	1989	1991	1994	rVB3	30051	28532	1.26%	0.115%
36	14.077	1994	1996	2001	rBV3	18268	28664	1.26%	0.115%
37	14.254	2023	2026	2028	rVB	33602	29264	1.29%	0.118%
38	14.654	2091	2094	2100	rVB2	60373	65453	2.88%	0.264%
39	14.724	2101	2106	2109	rVV2	73774	83339	3.67%	0.336%
40	14.871	2127	2131	2134	rBV	175440	246432	10.84%	0.993%
41	14.971	2145	2148	2152	rVB2	114965	121833	5.36%	0.491%
42	15.154	2176	2179	2185	rVB	114011	132092	5.81%	0.532%
43	15.213	2185	2189	2194	rVV	149454	173592	7.64%	0.699%
44	15.277	2194	2200	2203	rVV	1009483	1214476	53.44%	4.892%
45	15.330	2206	2209	2214	rVB	96040	118455	5.21%	0.477%
46	15.736	2273	2278	2285	rBV	88557	151116	6.65%	0.609%
47	16.095	2335	2339	2340	rBV3	26044	32907	1.45%	0.133%
48	16.207	2354	2358	2367	rVB3	69566	125650	5.53%	0.506%
49	16.624	2424	2429	2438	rVB2	79727	149743	6.59%	0.603%
50	16.754	2448	2451	2456	rBV3	24935	38416	1.69%	0.155%
51	17.036	2493	2499	2508	rVB	59928	118438	5.21%	0.477%
52	18.165	2689	2691	2701	rVB10	17041	37426	1.65%	0.151%

Sum of corrected areas: 24823526

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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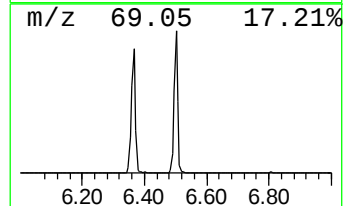
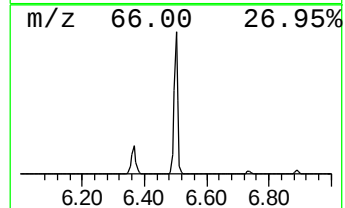
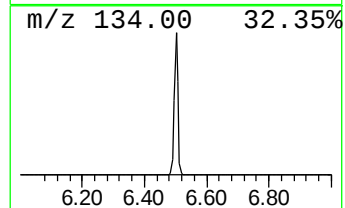
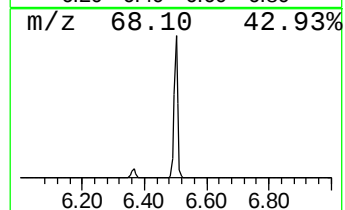
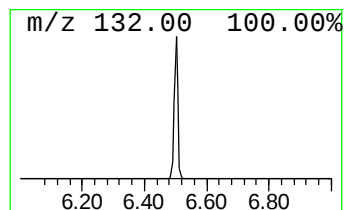
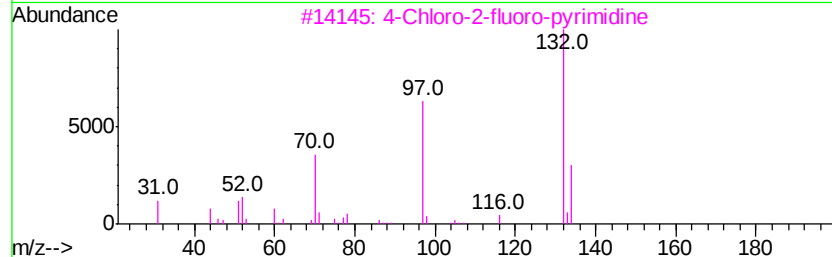
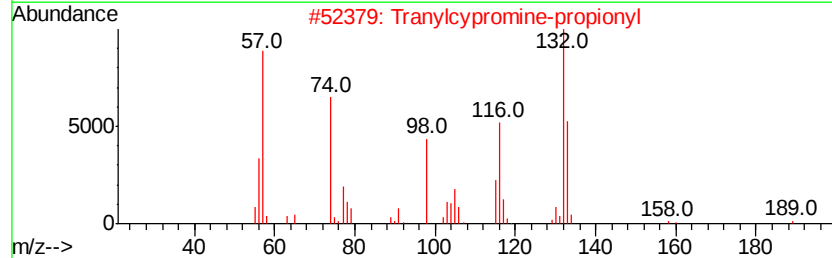
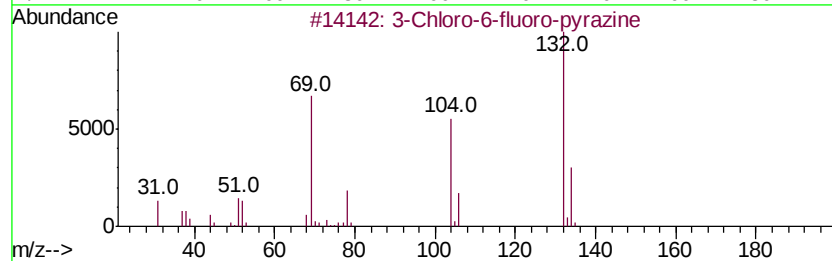
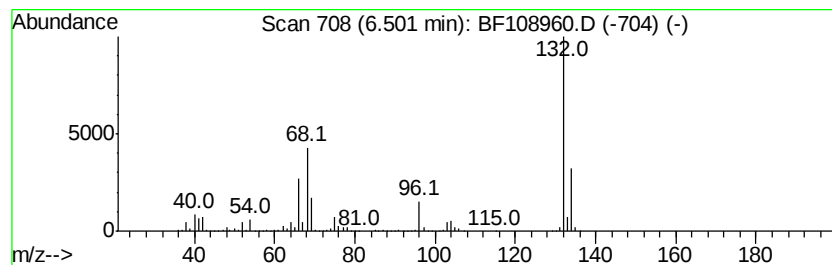
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	40.01 ng	1936650	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



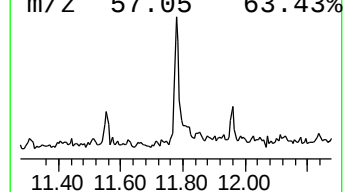
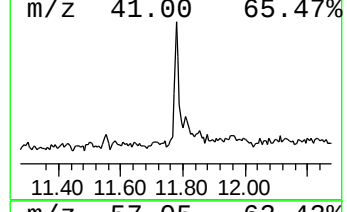
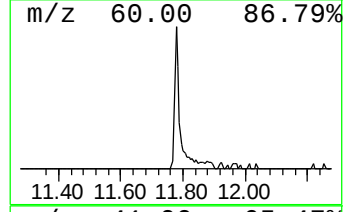
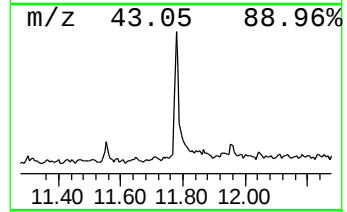
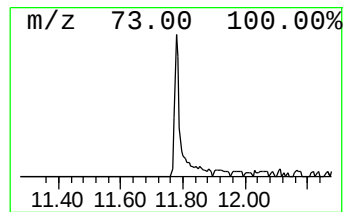
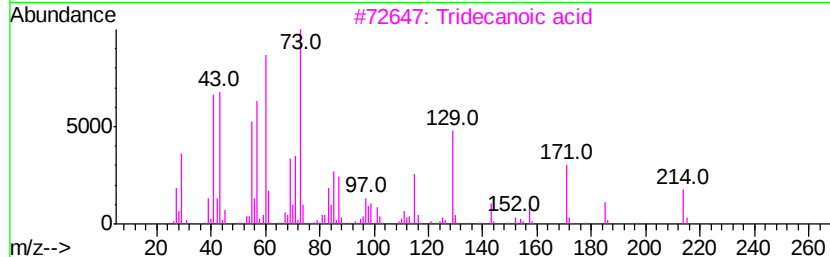
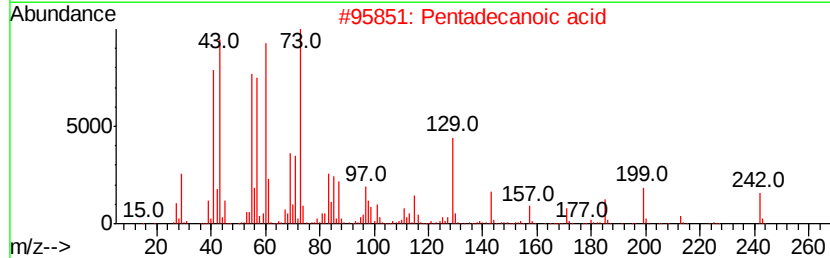
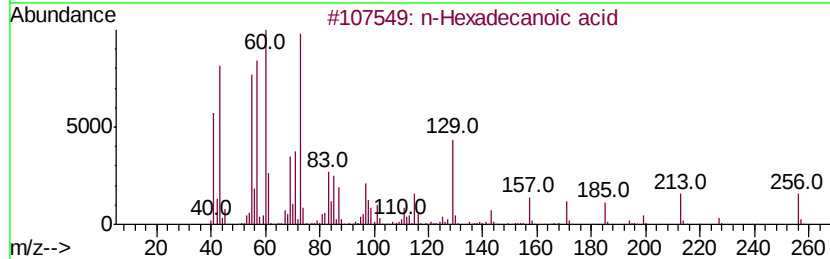
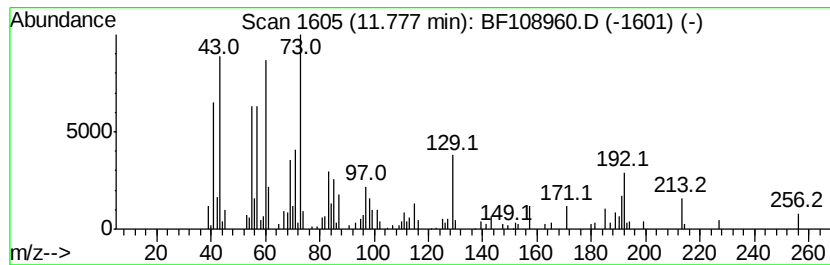
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	2.15 ng	136699	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58



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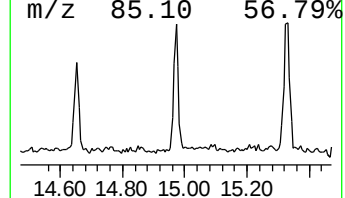
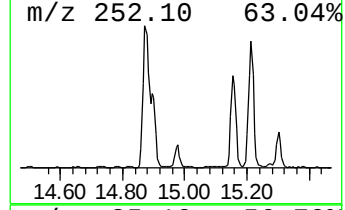
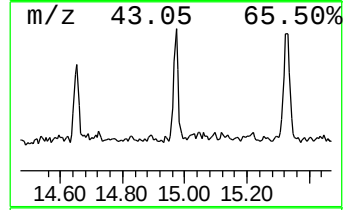
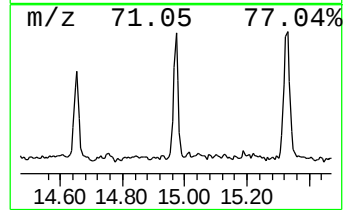
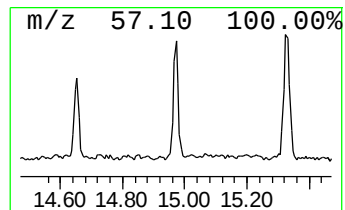
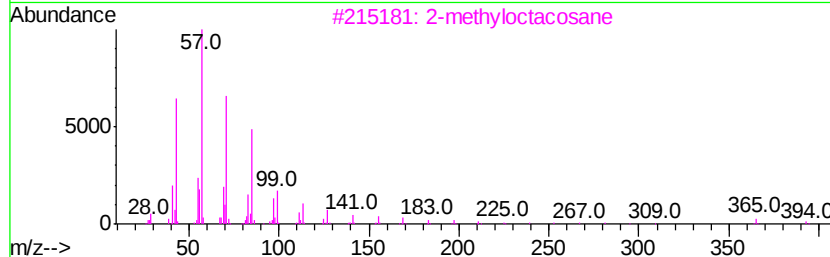
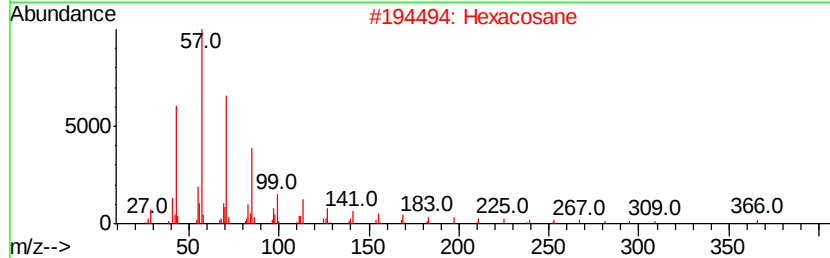
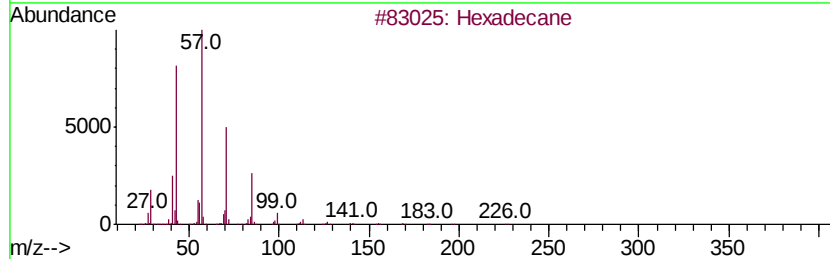
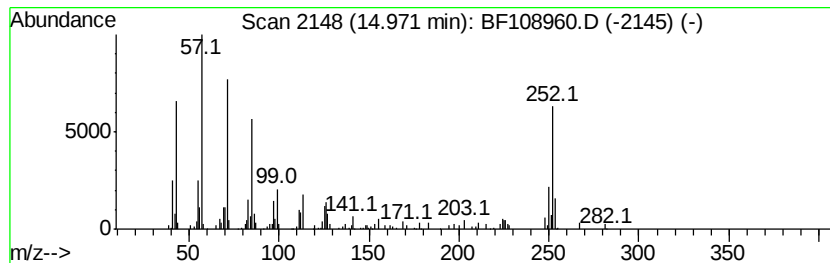
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.01 ng	121833	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	70
2		Hexacosane	366	C26H54	000630-01-3	53
3		2-methyloctacosane	408	C29H60	1000376-72-8	53
4		Heneicosane	296	C21H44	000629-94-7	53
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49



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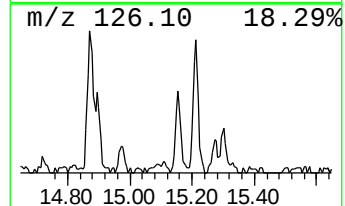
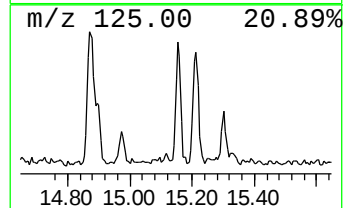
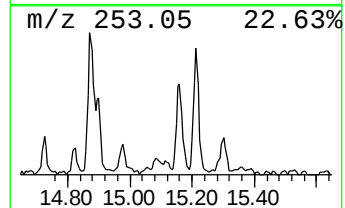
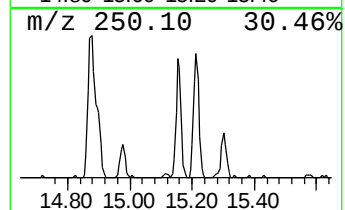
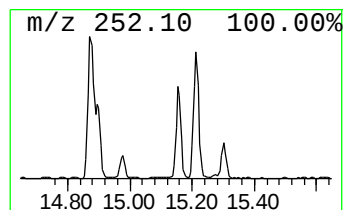
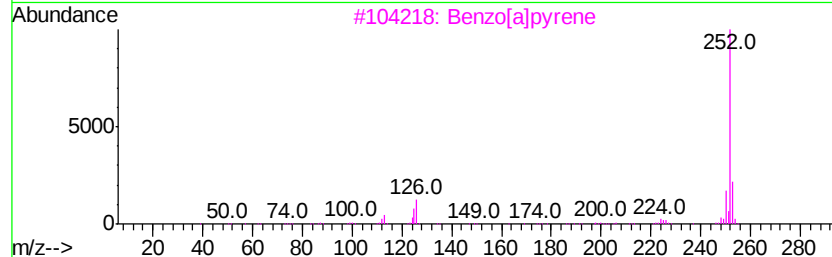
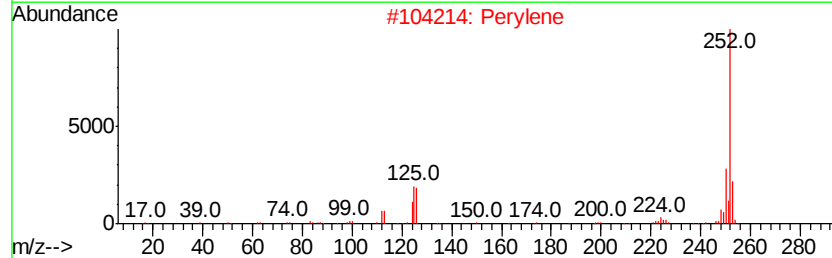
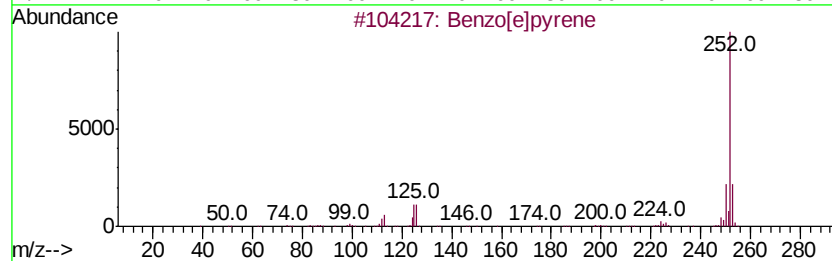
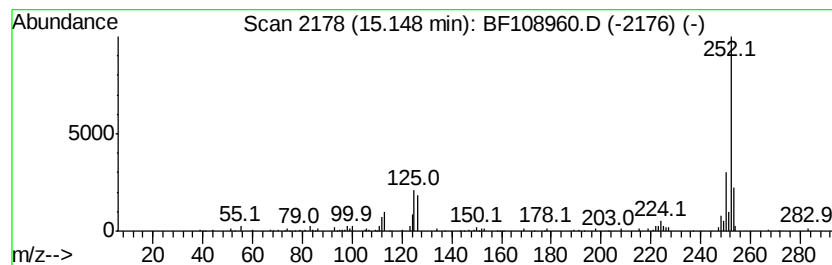
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.18 ng	132092	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



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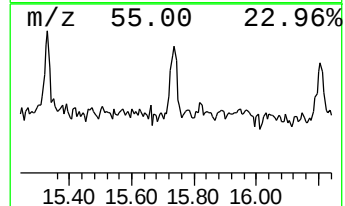
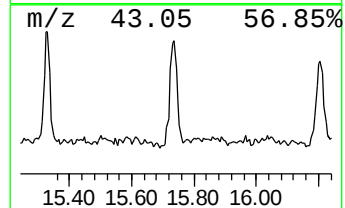
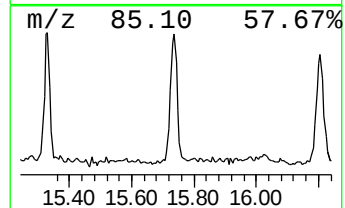
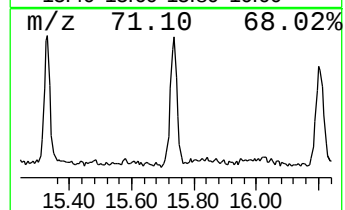
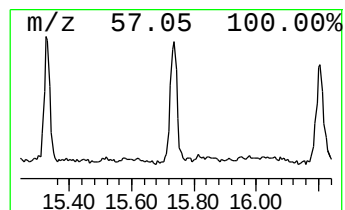
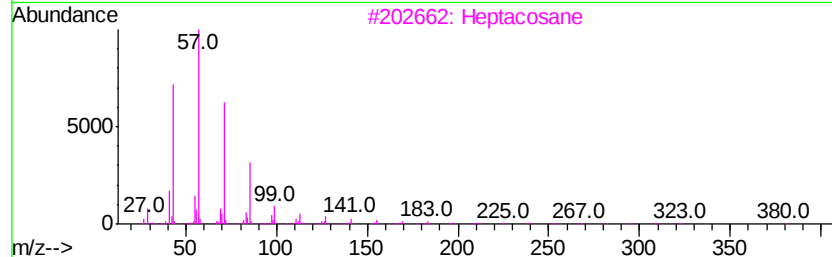
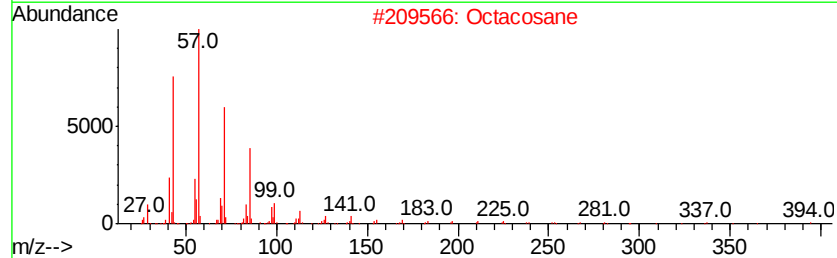
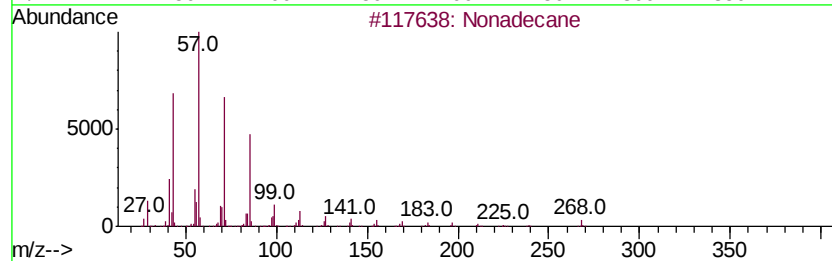
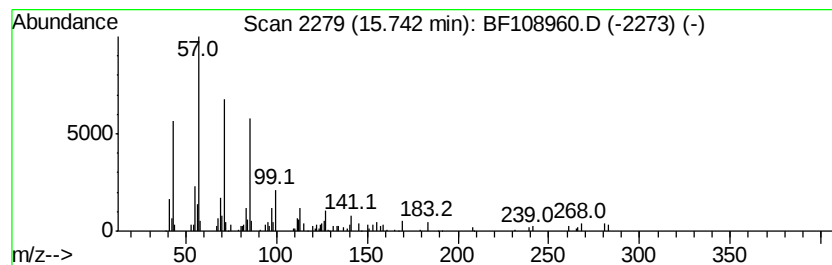
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.49 ng	151116	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108960.D
Acq On : 12 Sep 2018 19:53
Operator : JU/SJ
Sample : J4853-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

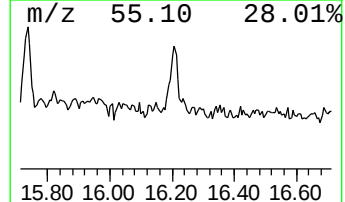
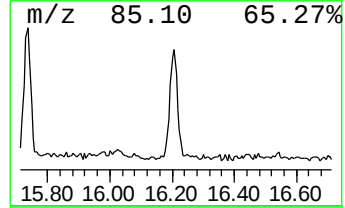
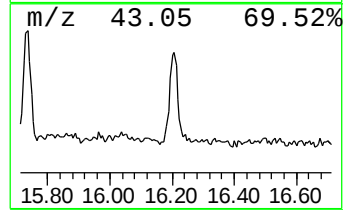
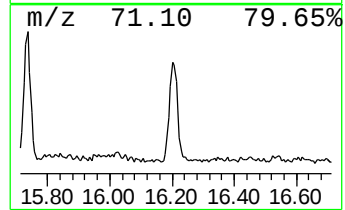
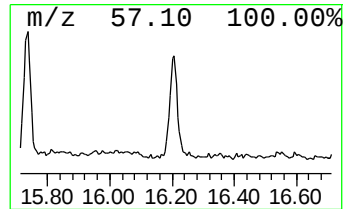
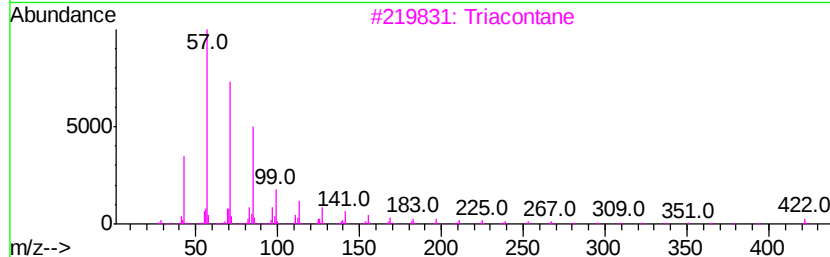
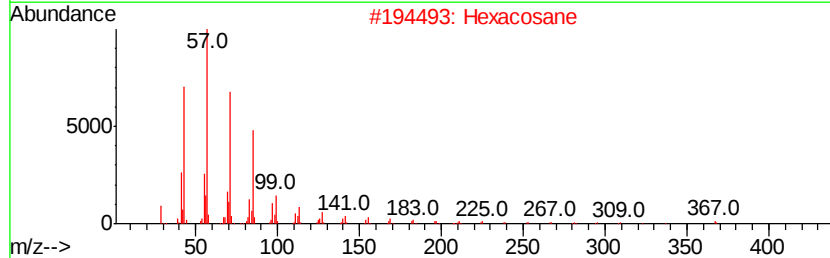
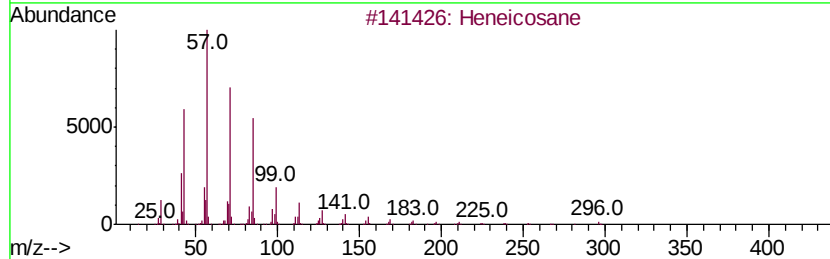
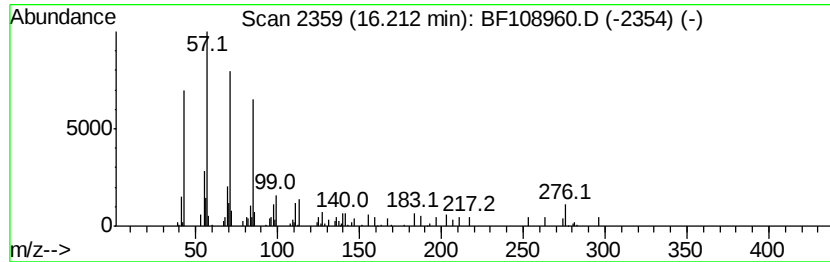
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.07 ng	125650	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Triacontane	422	C30H62	000638-68-6	87
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091218\
Data File : BF108960.D
Acq On : 12 Sep 2018 19:53
Operator : JU/SJ
Sample : J4853-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown6.50	6.50	40.0	ng	1936650	1	6.74	967970	20.0
n-Hexadecanoic acid	11.78	2.1	ng	136699	4	11.24	1269550	20.0
Hexadecane	14.97	2.0	ng	121833	6	15.28	1214480	20.0
Benzo[e]pyrene	15.15	2.2	ng	132092	6	15.28	1214480	20.0
Nonadecane	15.74	2.5	ng	151116	6	15.28	1214480	20.0
Heneicosane	16.21	2.1	ng	125650	6	15.28	1214480	20.0