

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135108.D
 Acq On : 05 Sep 2023 22:59
 Operator : CG\JU
 Sample : 04257-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-2-083123

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-BF083023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	19	rVB	31064	50593	2.63%	0.306%
2	4.998	491	495	502	rVB	28044	41433	2.15%	0.251%
3	5.398	559	563	567	rBV	1888122	1814426	94.24%	10.980%
4	6.410	730	735	738	rBV	2013643	1817188	94.39%	10.997%
5	6.604	765	768	774	rBV	38124	41042	2.13%	0.248%
6	6.769	793	796	800	rBV	707569	584143	30.34%	3.535%
7	7.334	887	892	895	rBV	1343733	1138065	59.11%	6.887%
8	8.051	1008	1014	1017	rBV	931085	786393	40.85%	4.759%
9	9.128	1192	1197	1200	rBV	2303069	1925250	100.00%	11.651%
10	9.669	1286	1289	1294	rBV	33133	28305	1.47%	0.171%
11	9.810	1306	1313	1316	rBV	903489	830195	43.12%	5.024%
12	9.839	1316	1318	1323	rVB	25010	24187	1.26%	0.146%
13	10.357	1403	1406	1413	rBV2	26025	25278	1.31%	0.153%
14	10.598	1443	1447	1459	rBV	1297178	1139464	59.19%	6.896%
15	10.728	1464	1469	1476	rVB3	30759	56569	2.94%	0.342%
16	11.198	1546	1549	1554	rVB2	24336	29155	1.51%	0.176%
17	11.298	1562	1566	1569	rBV	887130	796545	41.37%	4.820%
18	11.322	1569	1570	1574	rVV	199570	131797	6.85%	0.798%
19	11.375	1576	1579	1583	rVB	65904	57665	3.00%	0.349%
20	11.704	1631	1635	1642	rVB7	13004	22194	1.15%	0.134%
21	11.804	1649	1652	1654	rBV	37198	30508	1.58%	0.185%
22	11.839	1654	1658	1662	rVV2	232620	231067	12.00%	1.398%
23	11.916	1668	1671	1673	rBV	68925	65987	3.43%	0.399%
24	11.939	1673	1675	1679	rVB	29824	29005	1.51%	0.176%
25	12.104	1700	1703	1705	rBV	27578	25266	1.31%	0.153%
26	12.357	1743	1746	1749	rBV	37063	35553	1.85%	0.215%
27	12.445	1758	1761	1765	rBV3	23083	32552	1.69%	0.197%
28	12.516	1770	1773	1777	rBV	328923	312815	16.25%	1.893%
29	12.627	1787	1792	1797	rBV4	75903	105766	5.49%	0.640%
30	12.751	1807	1813	1815	rBV	313111	339141	17.62%	2.052%
31	12.804	1819	1822	1826	rVB3	21644	28308	1.47%	0.171%
32	12.898	1834	1838	1841	rBV	1804974	1501789	78.00%	9.088%
33	12.969	1847	1850	1855	rVB4	23349	30108	1.56%	0.182%
34	13.080	1862	1869	1873	rVB	65316	95656	4.97%	0.579%
35	13.145	1877	1880	1883	rVB2	49883	49918	2.59%	0.302%
36	13.186	1883	1887	1890	rBV2	45029	51621	2.68%	0.312%

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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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.274	1900	1902	1905	rVB	26343	22222	1.15%	0.134%
38	13.310	1905	1908	1911	rBV	30145	31572	1.64%	0.191%
39	13.816	1990	1994	2001	rBV3	84605	127153	6.60%	0.769%
40	13.957	2013	2018	2020	rBV2	595022	692523	35.97%	4.191%
41	13.980	2020	2022	2025	rVB	143165	110208	5.72%	0.667%
42	14.063	2033	2036	2040	rVB	32255	27254	1.42%	0.165%
43	14.345	2082	2084	2087	rVB	40865	38075	1.98%	0.230%
44	14.998	2191	2195	2198	rBV	161185	245865	12.77%	1.488%
45	15.298	2243	2246	2252	rVB	107087	135249	7.03%	0.818%
46	15.363	2253	2257	2262	rBV	140851	185133	9.62%	1.120%
47	15.427	2263	2268	2271	rBV	385166	497745	25.85%	3.012%
48	16.898	2515	2518	2524	rVB2	64442	106518	5.53%	0.645%

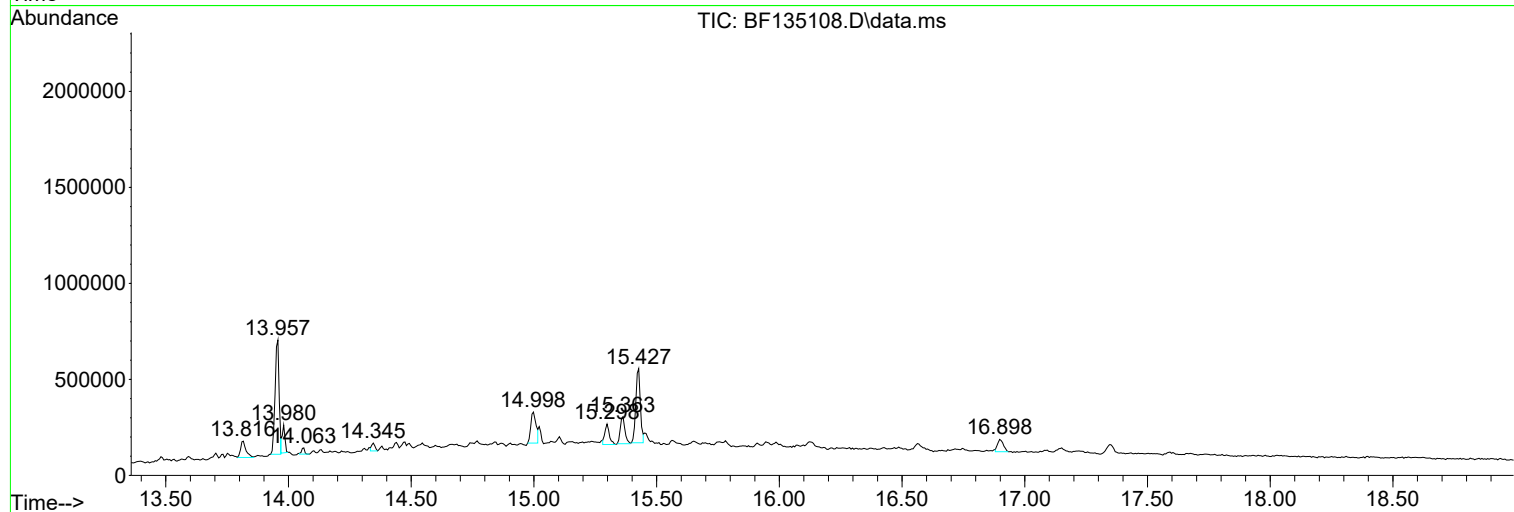
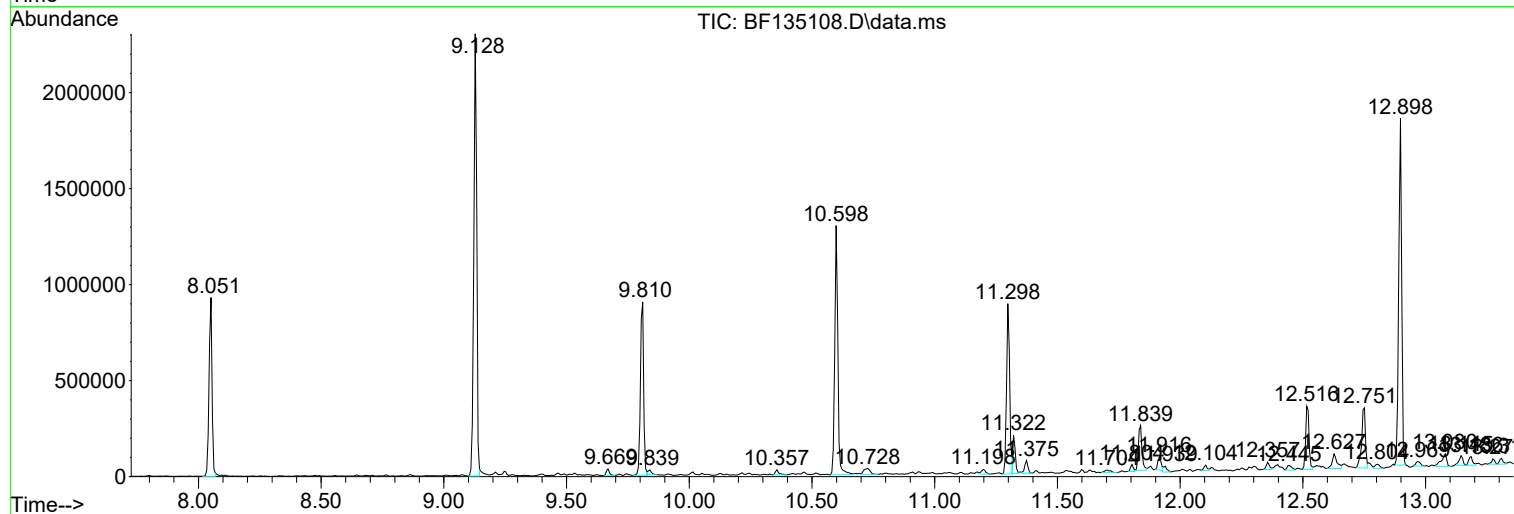
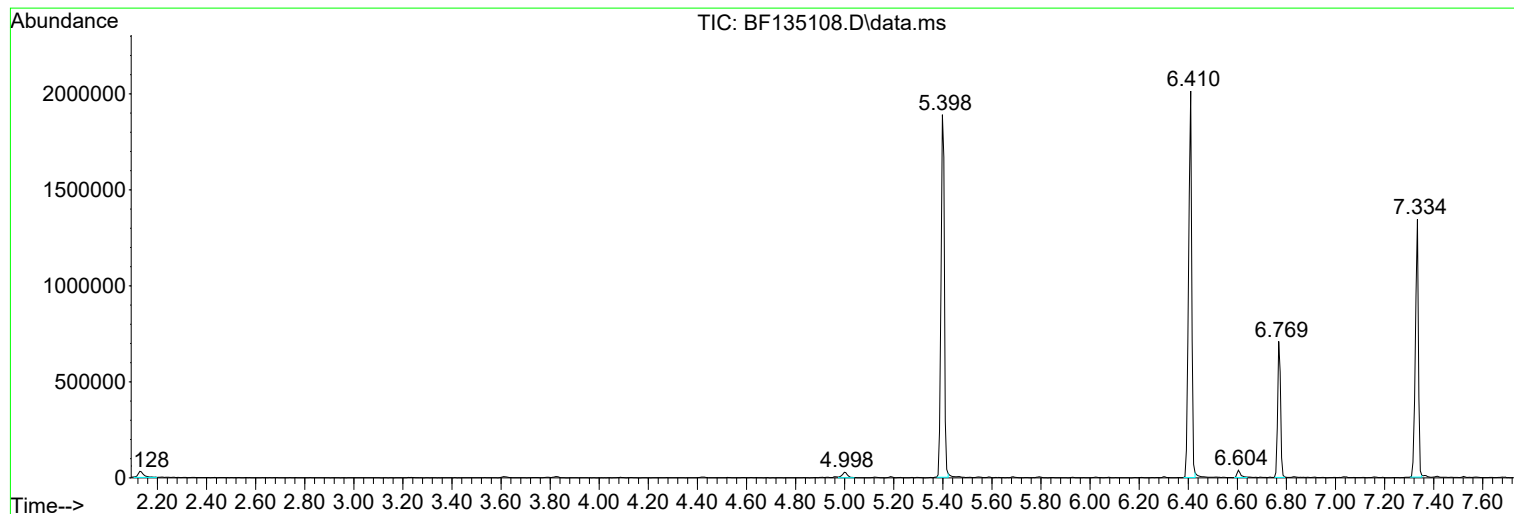
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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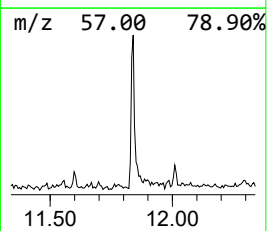
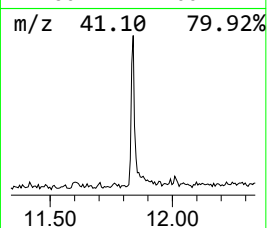
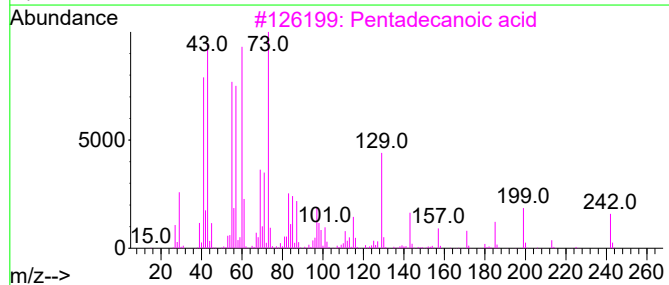
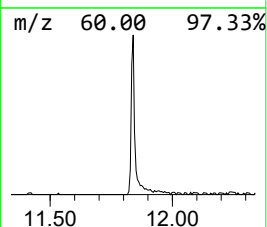
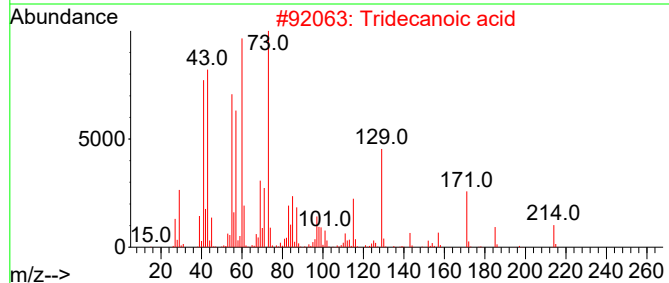
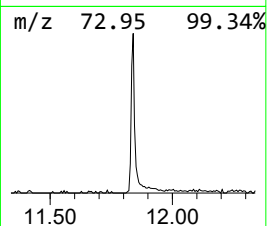
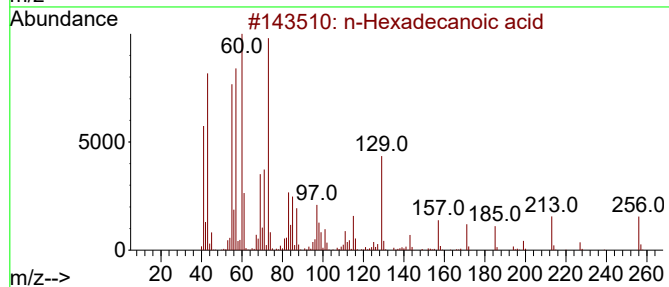
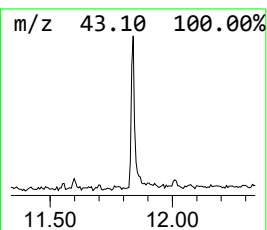
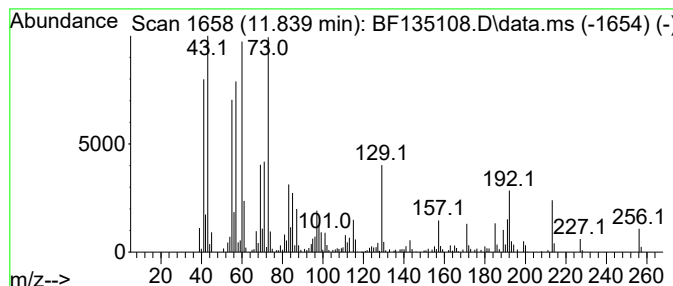
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	5.80 ng	231067	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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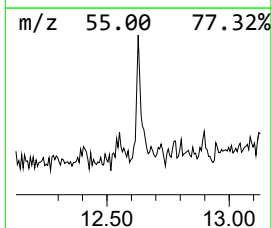
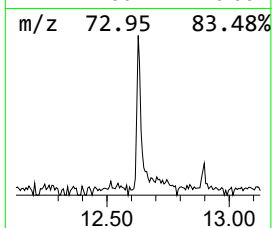
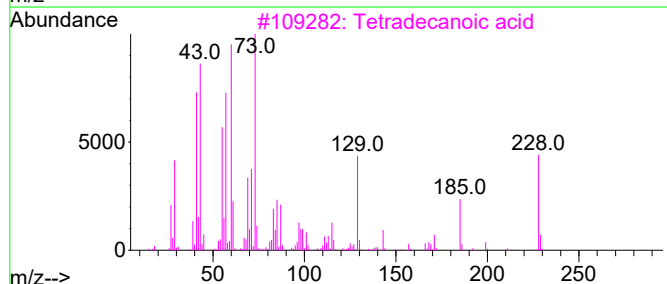
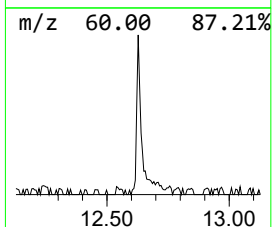
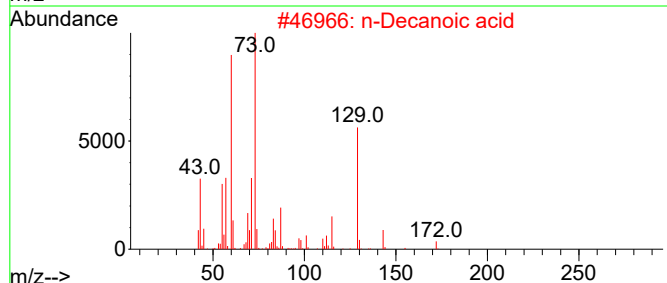
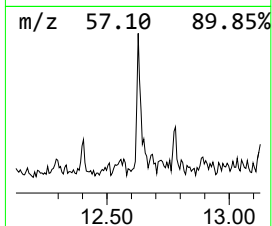
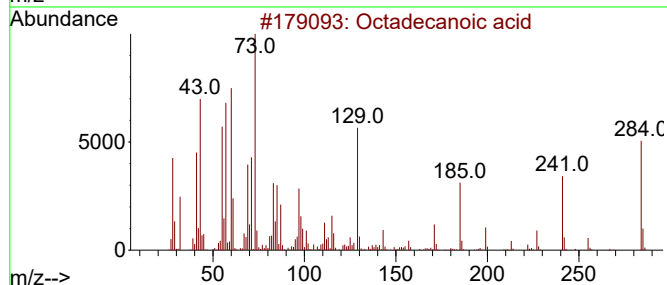
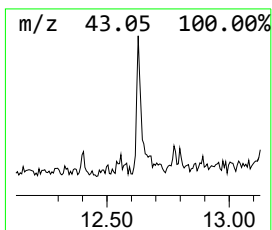
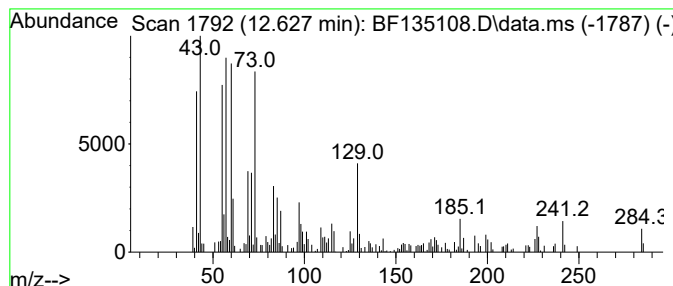
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	2.66 ng	105766	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Decanoic acid	172	C10H20O2	000334-48-5	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	74
5			Dodecanoic acid	200	C12H24O2	000143-07-7	70



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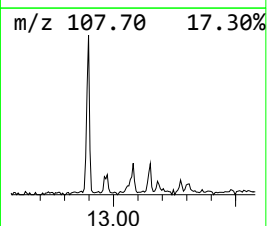
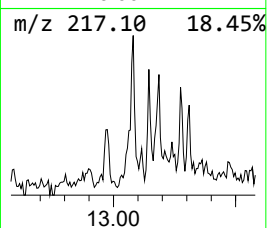
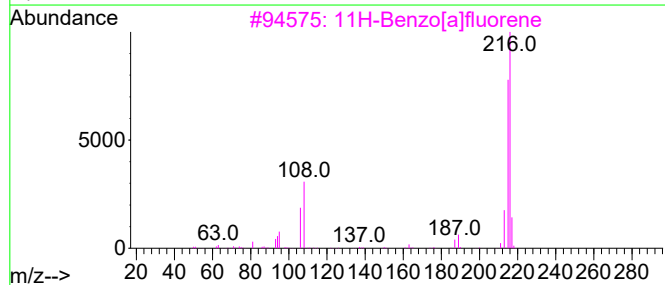
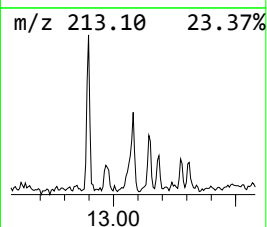
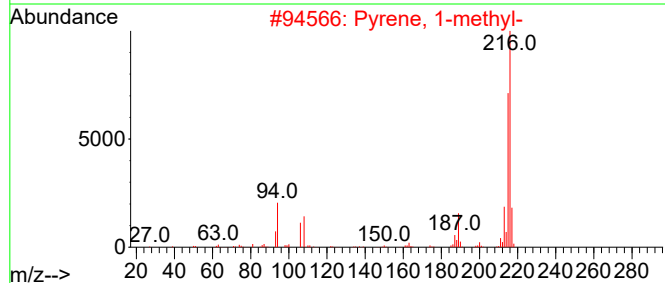
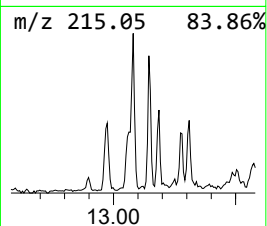
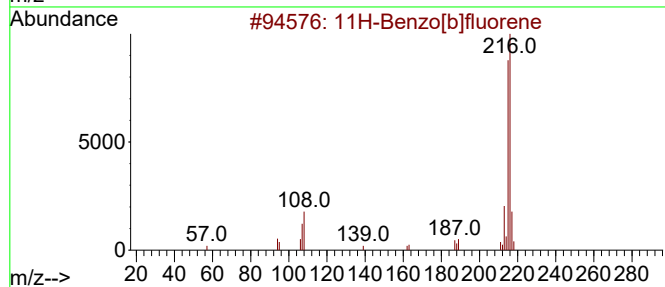
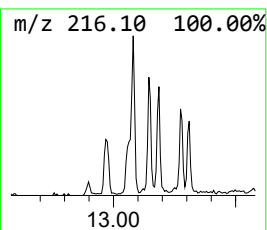
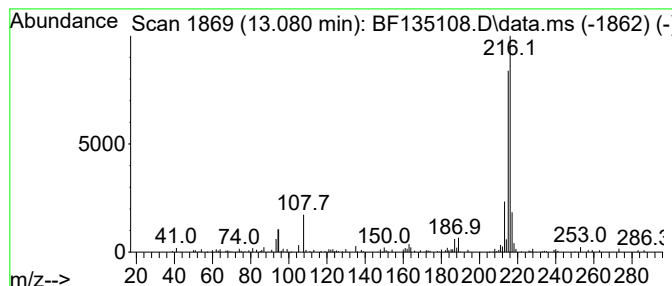
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.76 ng	95656	Chrysene-d12	13.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



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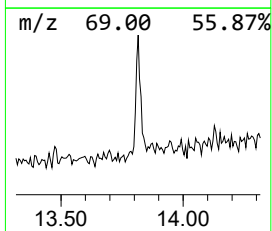
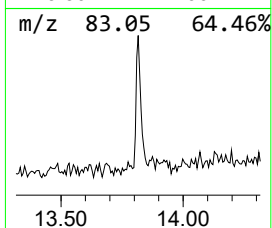
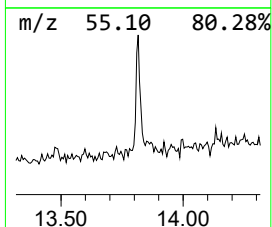
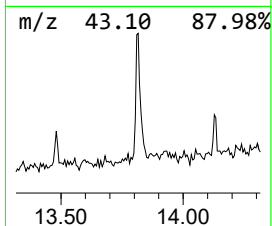
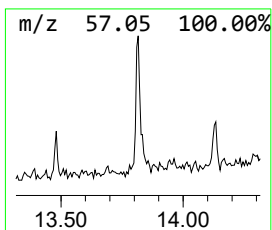
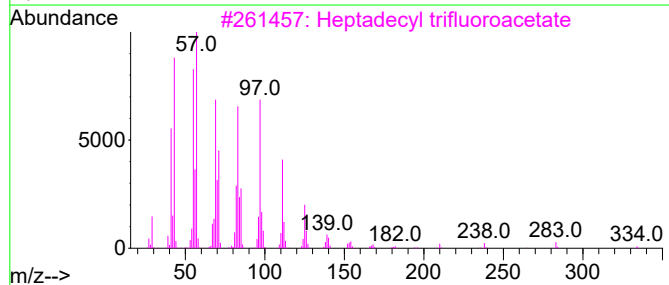
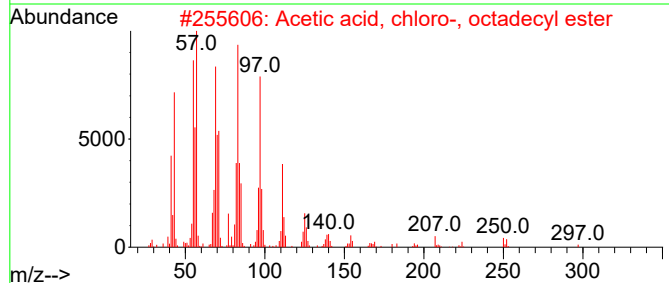
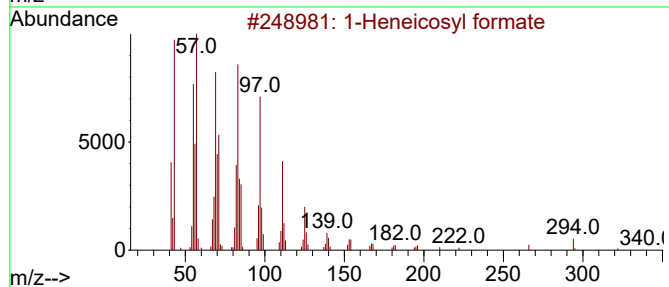
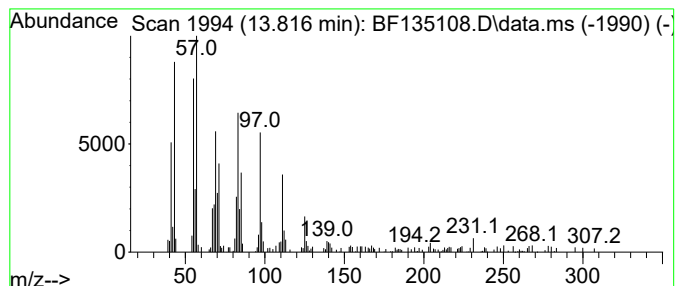
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	3.67 ng	127153	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2			Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
4			1-Nonadecene	266	C19H38	018435-45-5	91
5			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.839	5.8	ng	231067	4	11.298	796545	20.0
Octadecanoic acid	12.627	2.7	ng	105766	4	11.298	796545	20.0
11H-Benzo[b]flu...	13.080	2.8	ng	95656	5	13.957	692523	20.0
1-Heneicosyl fo...	13.816	3.7	ng	127153	5	13.957	692523	20.0