

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135069.D
 Acq On : 01 Sep 2023 11:27
 Operator : CG\JU
 Sample : 04219-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-350

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: BF135069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	492	496	504	rVB	33465	47859	1.89%	0.253%
2	5.404	560	564	567	rBV	2330885	2082820	82.21%	11.016%
3	6.410	730	735	738	rBV	2365639	2229917	88.01%	11.794%
4	6.769	793	796	800	rBV	796948	634246	25.03%	3.355%
5	7.333	887	892	895	rBV	1613777	1486110	58.66%	7.860%
6	8.051	1009	1014	1017	rBV	950954	840990	33.19%	4.448%
7	9.127	1192	1197	1200	rBV	2938823	2533580	100.00%	13.400%
8	9.245	1213	1217	1220	rBV2	29919	28343	1.12%	0.150%
9	9.804	1306	1312	1316	rBV	920143	842611	33.26%	4.457%
10	10.010	1343	1347	1352	rBV3	23163	32053	1.27%	0.170%
11	10.598	1443	1447	1457	rVB	1472315	1283708	50.67%	6.790%
12	11.298	1562	1566	1569	rBV	870907	754066	29.76%	3.988%
13	11.321	1569	1570	1574	rVV	173711	104585	4.13%	0.553%
14	11.374	1574	1579	1582	rVB	35380	35240	1.39%	0.186%
15	11.833	1653	1657	1663	rBV	255680	273965	10.81%	1.449%
16	11.916	1668	1671	1673	rBV	42971	36905	1.46%	0.195%
17	12.392	1749	1752	1758	rVB5	16395	31569	1.25%	0.167%
18	12.515	1769	1773	1777	rBV	346316	310617	12.26%	1.643%
19	12.627	1787	1792	1797	rBV2	87582	127503	5.03%	0.674%
20	12.745	1804	1812	1815	rBV	304784	310601	12.26%	1.643%
21	12.898	1834	1838	1841	rBV	2136740	1846964	72.90%	9.769%
22	13.080	1866	1869	1873	rVB	59787	58401	2.31%	0.309%
23	13.145	1876	1880	1883	rVB2	47322	49012	1.93%	0.259%
24	13.186	1883	1887	1889	rBV2	37172	40950	1.62%	0.217%
25	13.374	1916	1919	1926	rVB7	26005	37346	1.47%	0.198%
26	13.480	1931	1937	1940	rBV4	26824	44534	1.76%	0.236%
27	13.592	1953	1956	1961	rVB	23238	33817	1.33%	0.179%
28	13.704	1970	1975	1977	rBV3	53018	78062	3.08%	0.413%
29	13.827	1989	1996	2002	rBV6	67591	151129	5.97%	0.799%
30	13.951	2012	2017	2020	rBV2	700673	836512	33.02%	4.424%
31	13.980	2020	2022	2025	rVB	176278	134096	5.29%	0.709%
32	14.327	2076	2081	2082	rBV4	39665	52679	2.08%	0.279%
33	14.439	2097	2100	2103	rBV3	48485	37587	1.48%	0.199%
34	14.468	2103	2105	2107	rBV2	33405	31721	1.25%	0.168%
35	14.598	2124	2127	2132	rBV4	31495	36091	1.42%	0.191%
36	14.998	2191	2195	2198	rBV	173843	260843	10.30%	1.380%

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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	15.298	2242	2246	2251	rVB	99243	122294	4.83%	0.647%
38	15.356	2252	2256	2262	rVB	141115	165748	6.54%	0.877%
39	15.421	2262	2267	2271	rBV	529801	653863	25.81%	3.458%
40	15.915	2348	2351	2354	rVB3	26979	28608	1.13%	0.151%
41	16.892	2513	2517	2524	rVB2	50531	104493	4.12%	0.553%
42	17.345	2589	2594	2602	rVB	34701	75166	2.97%	0.398%

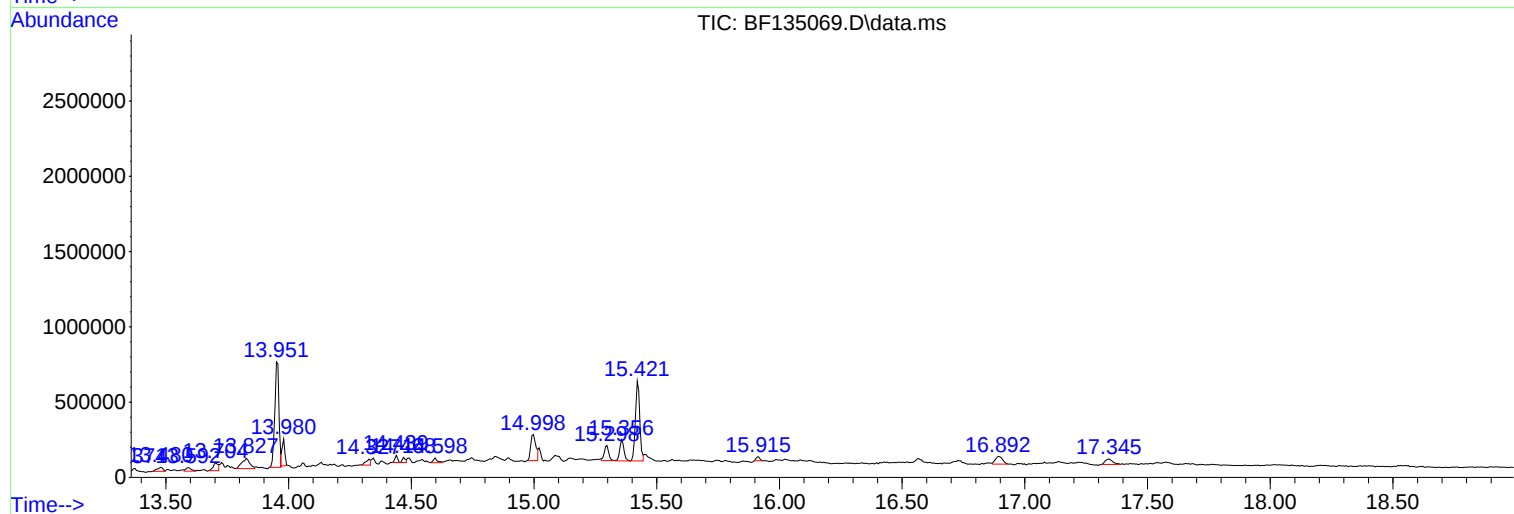
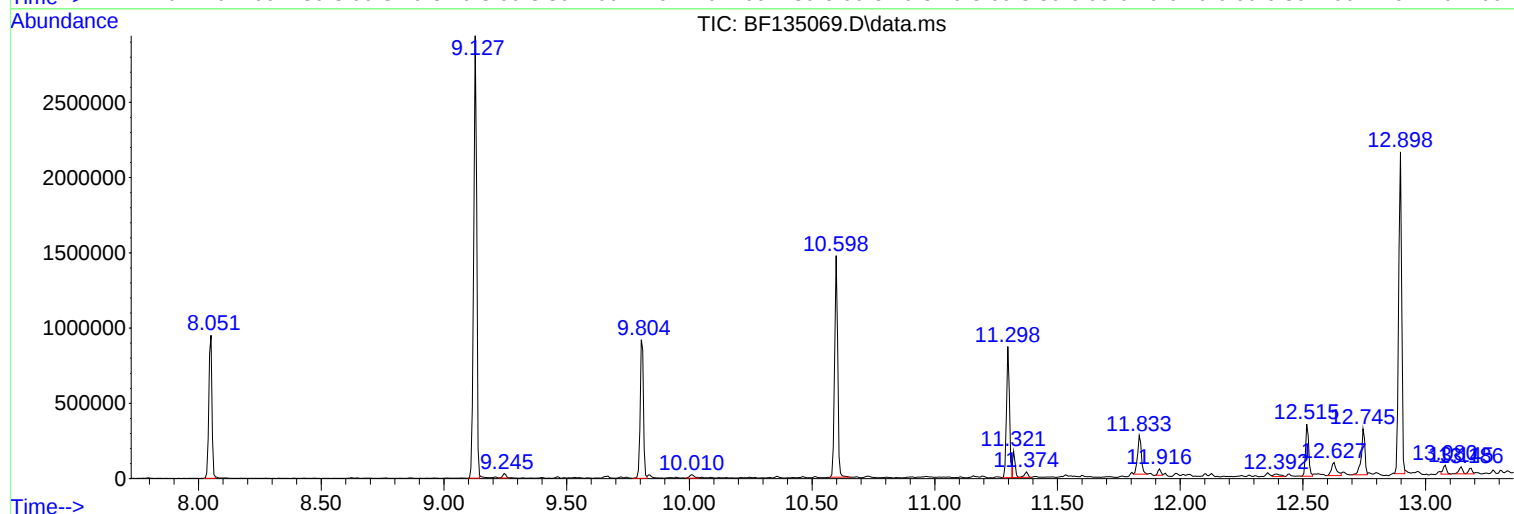
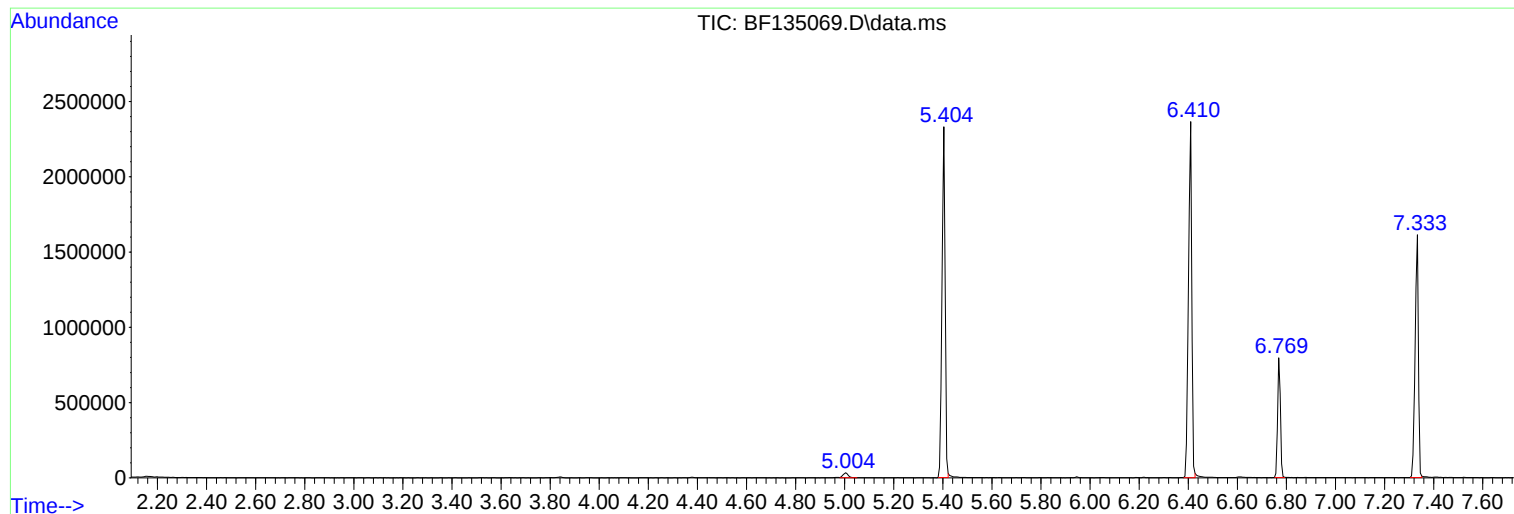
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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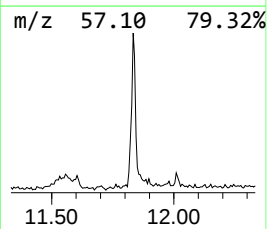
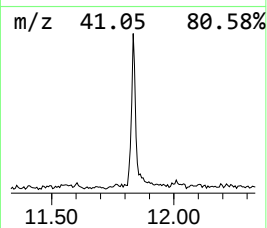
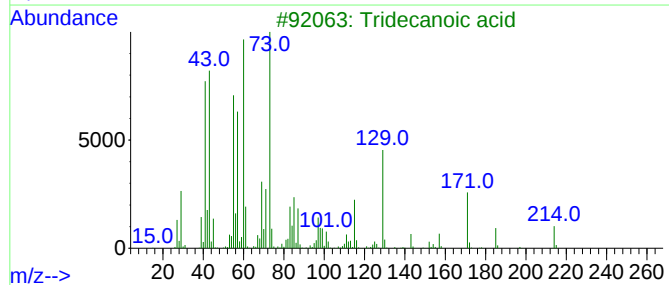
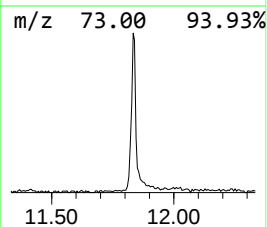
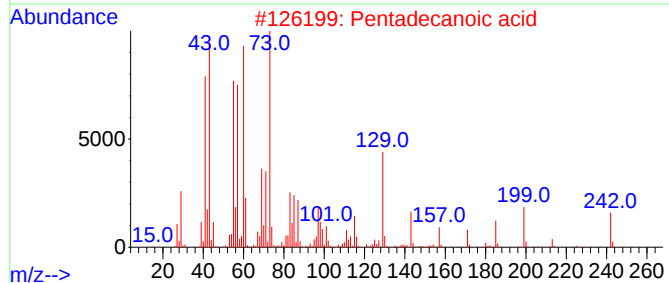
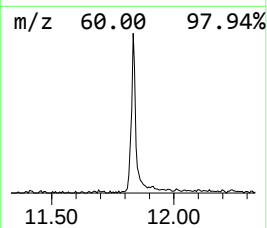
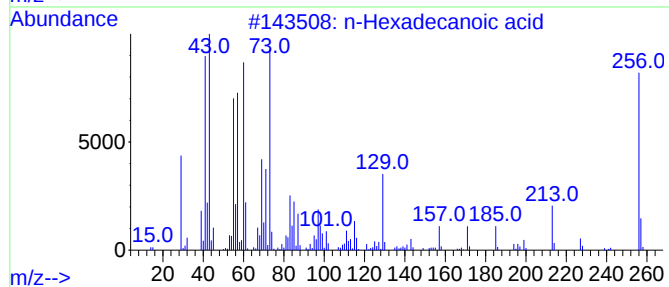
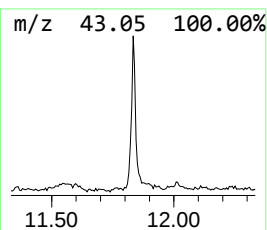
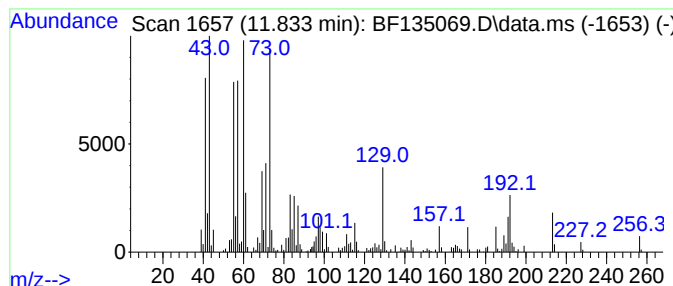
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.833	7.27 ng	273965	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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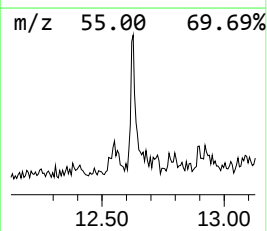
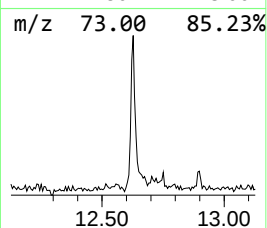
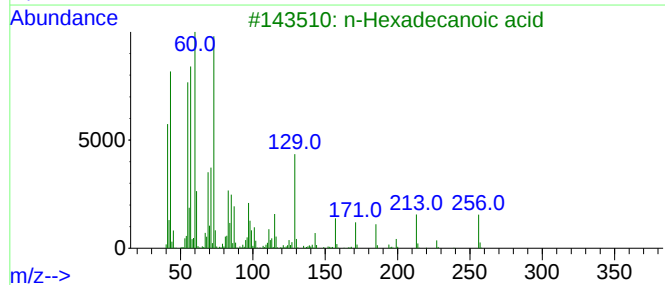
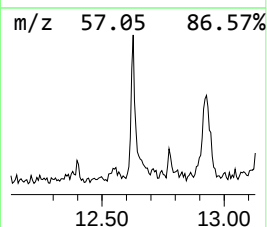
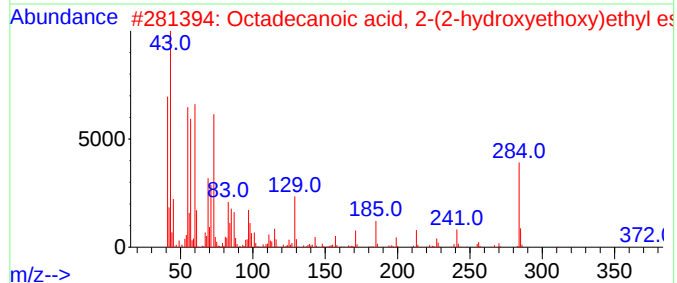
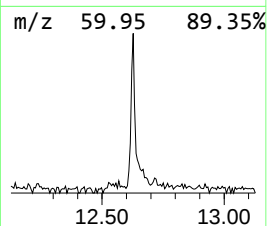
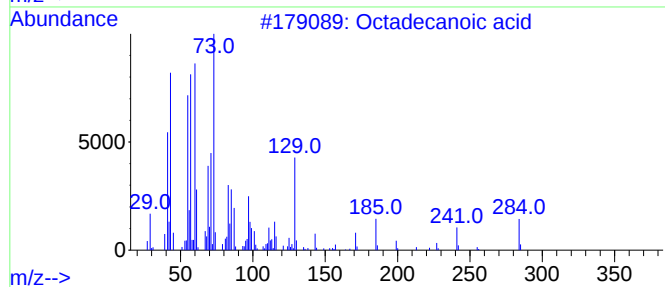
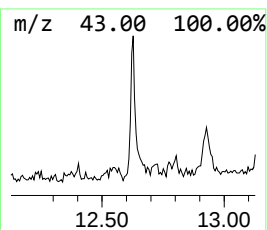
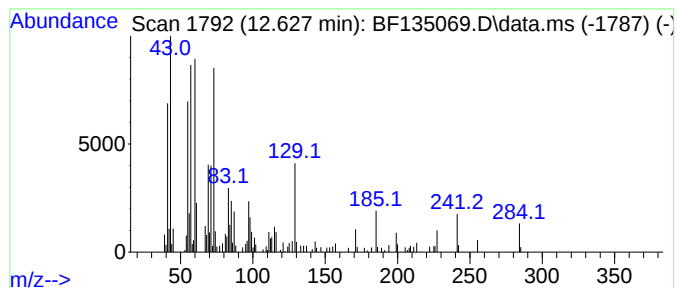
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	3.38 ng	127503	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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Instrument :
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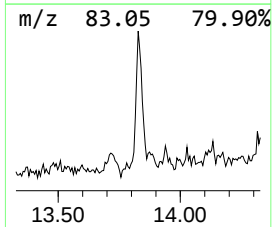
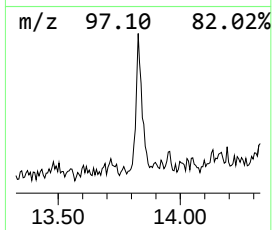
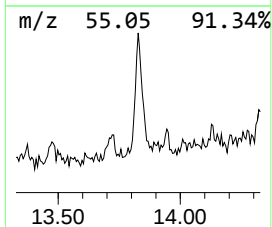
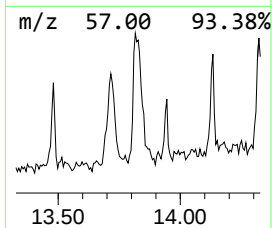
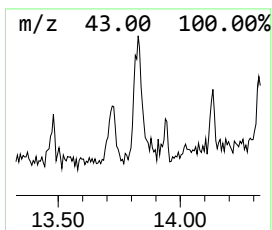
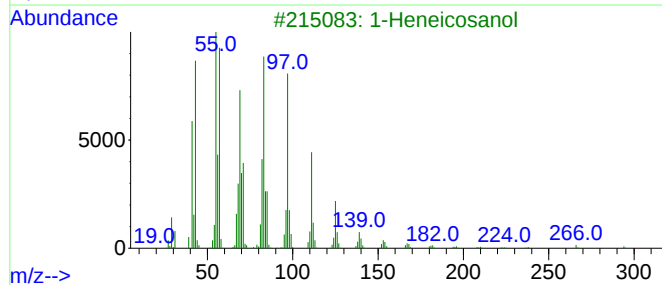
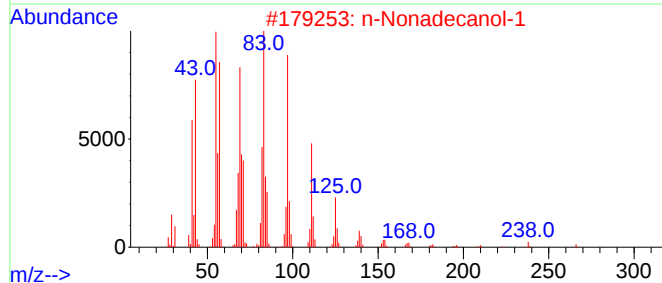
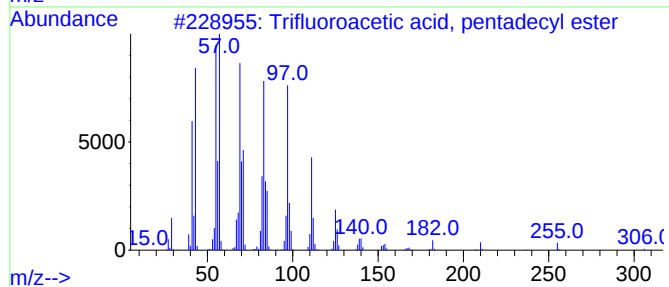
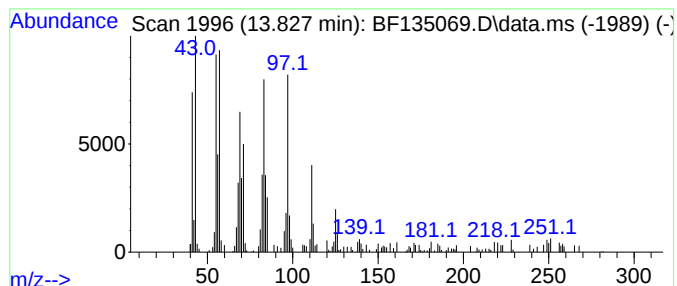
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Trifluoroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	3.61 ng	151129	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5			Behenic alcohol	326	C22H46O	000661-19-8	91



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ALS Vial : 4 Sample Multiplier: 1

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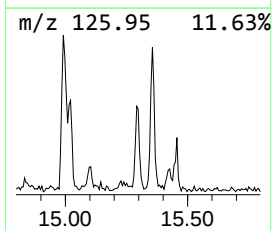
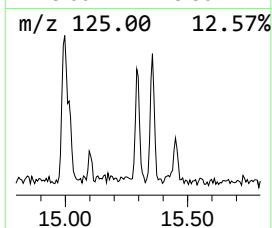
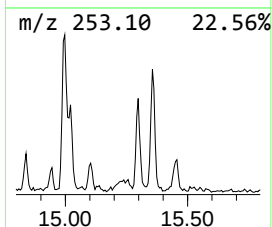
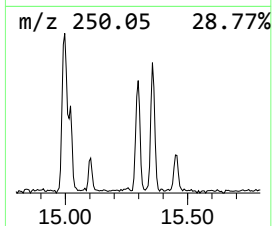
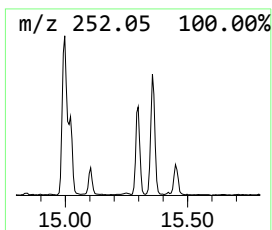
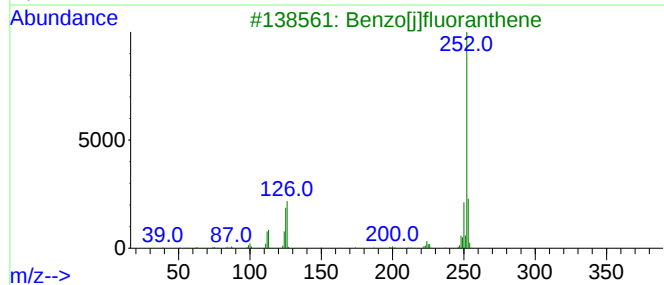
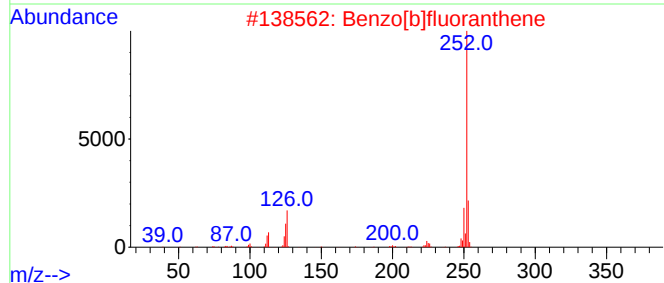
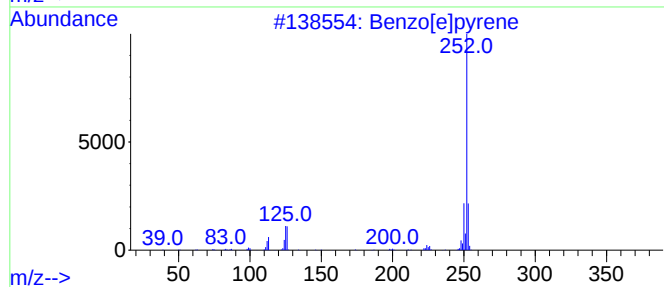
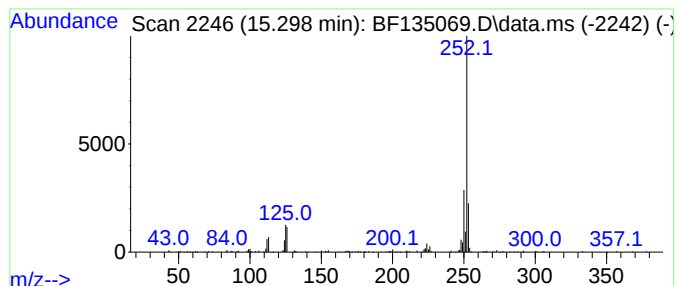
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	3.74 ng	122294	Perylene-d12	15.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Perylene	252	C20H12	000198-55-0	93



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.833	7.3	ng	273965	4	11.298	754066	20.0
Octadecanoic acid	12.627	3.4	ng	127503	4	11.298	754066	20.0
Trifluoroacetic...	13.827	3.6	ng	151129	5	13.957	836512	20.0
Benzo[e]pyrene	15.298	3.7	ng	122294	6	15.421	653863	20.0