LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143943.D
Acq On : 13 Oct 2025 20:25
Operator : RC/JU
Sample : Q3326-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143943.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	484	494	503	rBV2	20717	40531	2.49%	0.271%
2	5.498	556	562	577	rBV	1181729	1624940	100.00%	10.879%
3	6.504	727	733	748	rBV	1166256	1599775	98.45%	10.711%
4	6.881	792	797	803	rBV	502604	624243	38.42%	4.179%
5	7.439	887	892	903	rBV	737029	958672	59.00%	6.419%
6	8.163	1010	1015	1032	rBV	568518	738189	45.43%	4.942%
7	8.381	1048	1052	1066	rVB6	7686	16489	1.01%	0.110%
8	9.239	1193	1198	1220	rBV	1223618	1565177	96.32%	10.479%
9	9.922	1309	1314	1325	rVB	557398	698614	42.99%	4.677%
10	10.633	1430	1435	1443	rBV	143730	187128	11.52%	1.253%
11	10.710	1443	1448	1465	rVV	549437	742958	45.72%	4.974%
12	11.416	1562	1568	1576	rBV	468922	663532	40.83%	4.443%
13	11.939	1648	1657	1668	rBV	191954	336797	20.73%	2.255%
14	12.027	1669	1672	1682	rVB3	18242	41399	2.55%	0.277%
15	12.469	1743	1747	1749	rBV	16625	20021	1.23%	0.134%
16	12.498	1750	1752	1758	rVB3	14793	20867	1.28%	0.140%
17	12.557	1758	1762	1770	rVB6	11015	18372	1.13%	0.123%
18	12.627	1770	1774	1779	rBV	87025	120445	7.41%	0.806%
19	12.727	1787	1791	1794	rBV2	30879	45398	2.79%	0.304%
20	12.857	1808	1813	1819	rBV	113432	170237	10.48%	1.140%
21	13.004	1832	1838	1845	rVB	1088785	1474101	90.72%	9.869%
22	13.080	1846	1851	1857	rVB4	25241	44883	2.76%	0.301%
23	13.174	1862	1867	1872	rVB3	31678	70152	4.32%	0.470%
24	13.227	1873	1876	1878	rBV3	14634	19324	1.19%	0.129%
25	13.292	1883	1887	1894	rVV2	35683	54936	3.38%	0.368%
26	13.386	1899	1903	1906	rBV2	41254	57732	3.55%	0.387%
27	13.416	1906	1908	1911	rVB2	26767	27368	1.68%	0.183%
28	13.574	1931	1935	1937	rBV2	19032	29808	1.83%	0.200%
29	13.698	1953	1956	1963	rVB	25370	37223	2.29%	0.249%
30	13.916	1988	1993	2003	rBV7	57672	146618	9.02%	0.982%
31	14.063	2011	2018	2029	rBV2	617168	1080534	66.50%	7.234%
32	14.445	2079	2083	2087	rBV	67180	95396	5.87%	0.639%
33	14.480	2087	2089	2093	rVB	38644	39074	2.40%	0.262%
34	14.527	2094	2097	2101	rVV4	35635	59541	3.66%	0.399%
35	14.574	2102	2105	2112	rVB4	45877	87177	5.36%	0.584%
36	15.110	2191	2196	2204	rBV	116366	257160	15.83%	1.722%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.415	2244	2248	2254	rVB	88284	129417	7.96%	0.866%
38	15.480	2254	2259	2264	rVB	102353	160512	9.88%	1.075%
39	15.545	2264	2270	2284	rBV	473707	831225	51.15%	5.565%

Sum of corrected areas: 14935965

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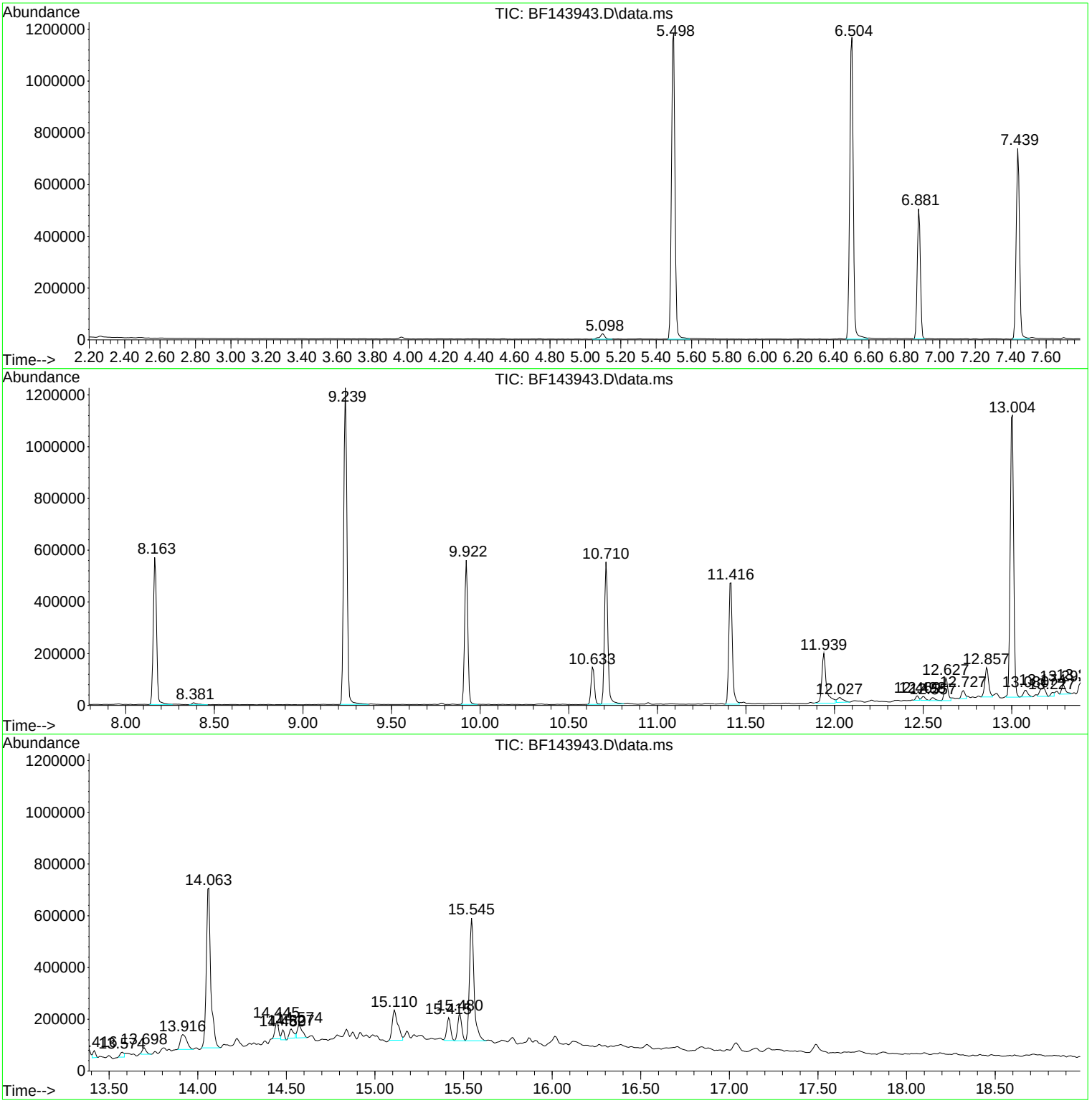
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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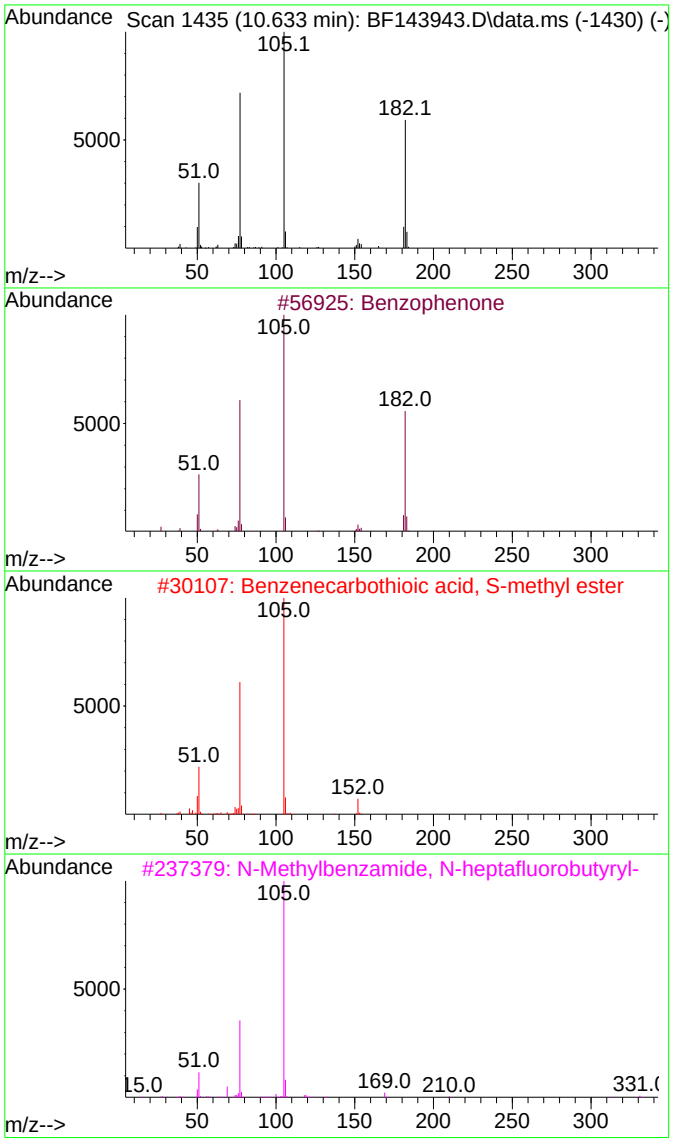
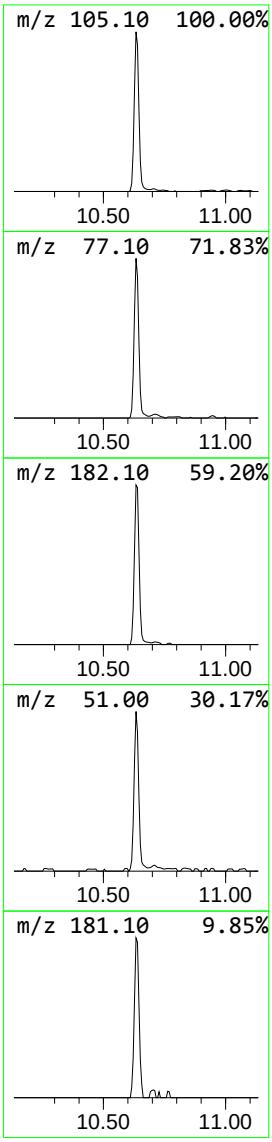
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	5.36 ng	187128	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	N-Methylbenzamide, N-heptafluoro...	331	C12H8F7NO2	1000446-97-2	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47





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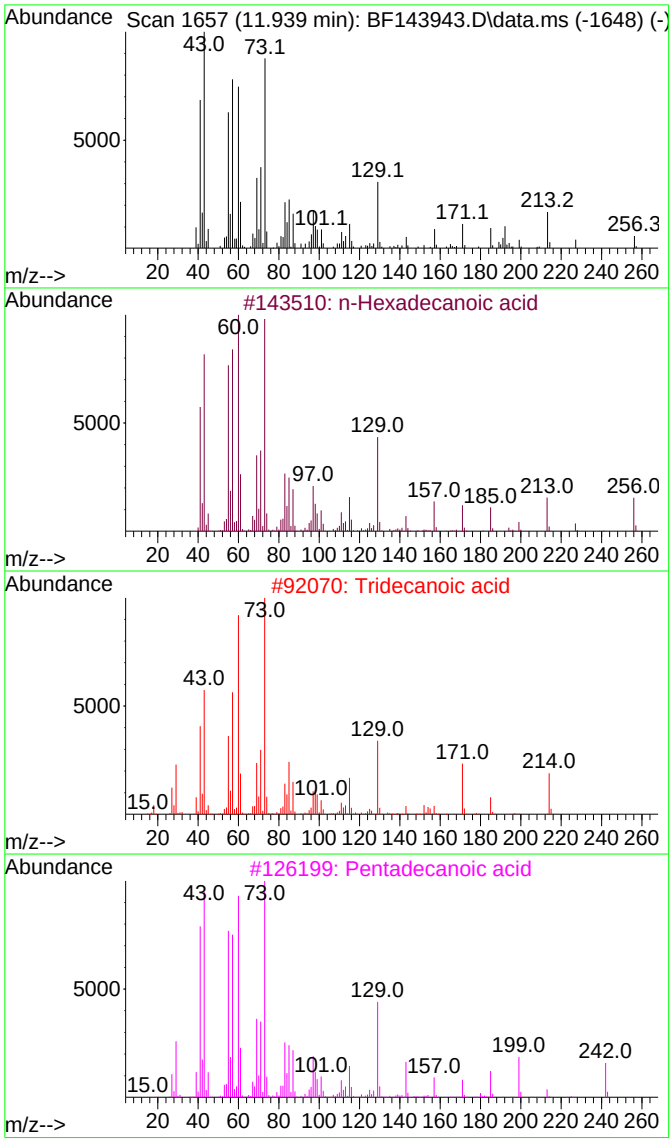
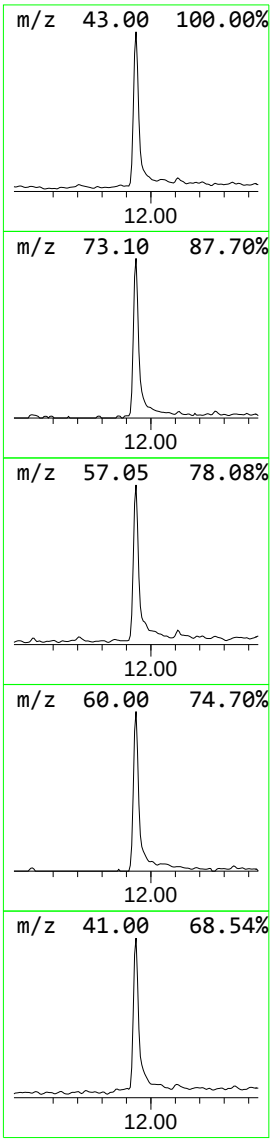
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	10.15 ng	336797	Phenanthrene-d10	11.416

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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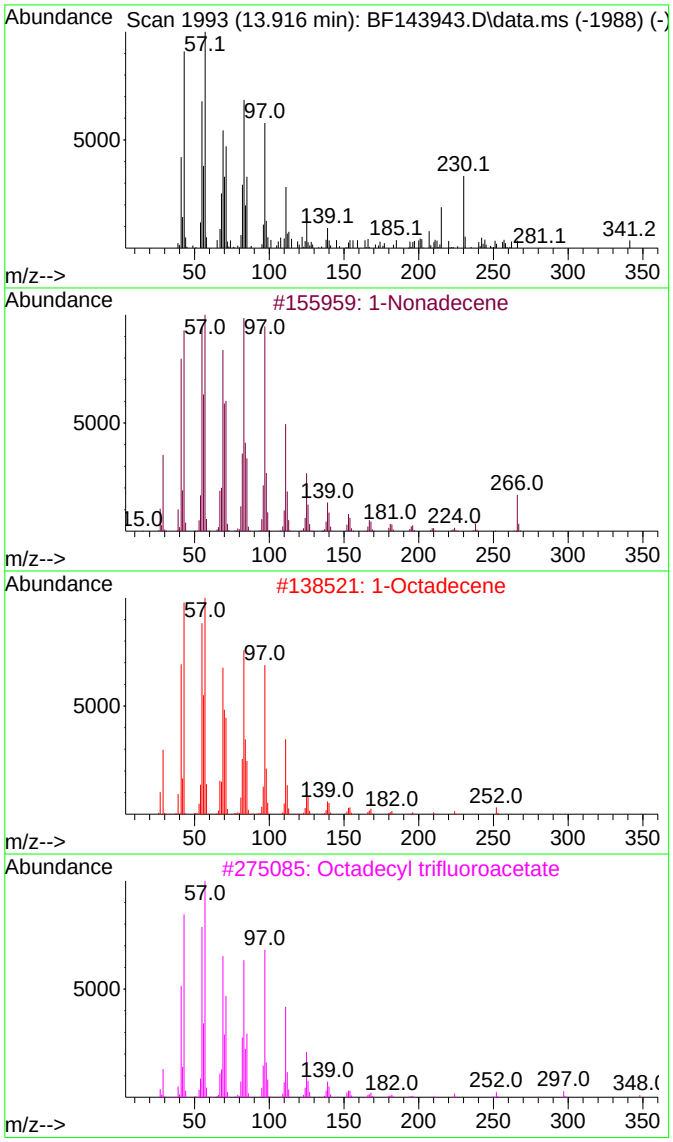
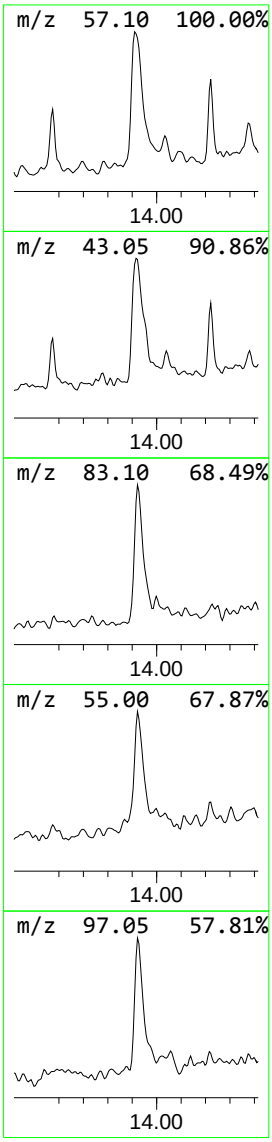
Peak Number 3 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	2.71 ng	146618	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	1-Octadecene	252	C18H36	000112-88-9	86
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
5	17-Pentatriacontene	491	C35H70	006971-40-0	74





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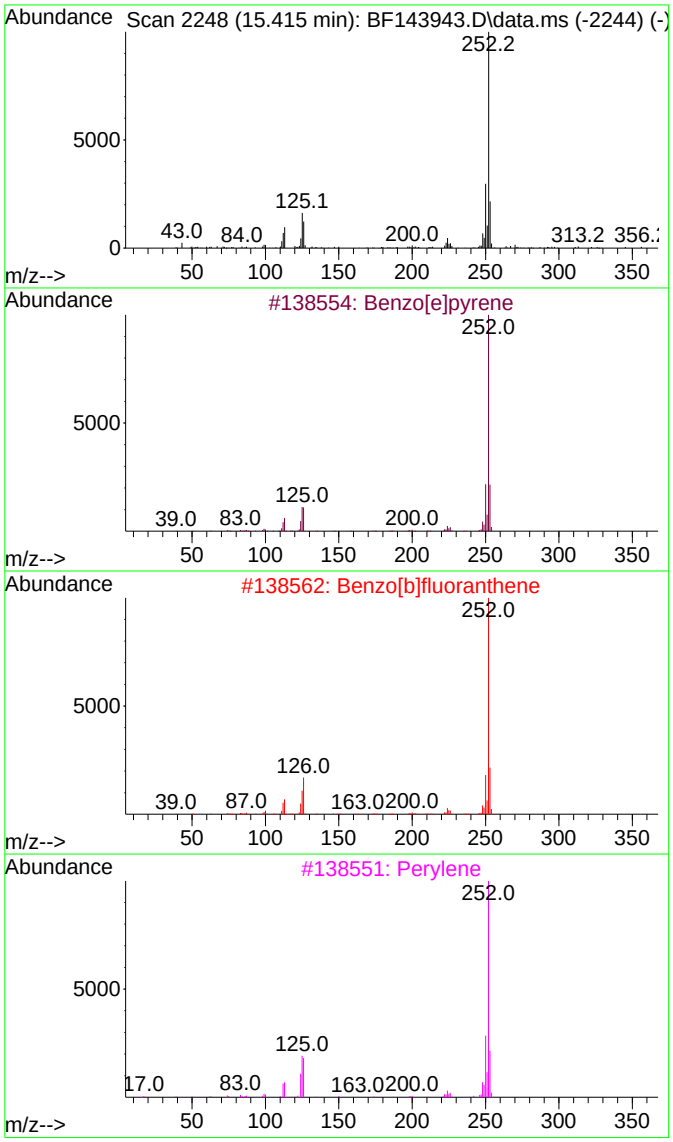
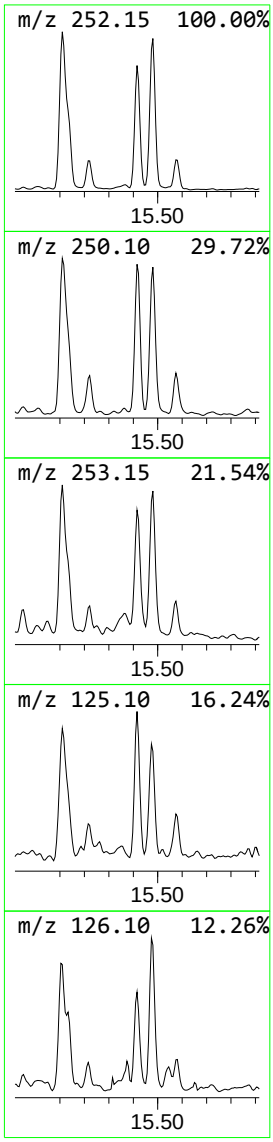
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	3.11 ng	129417	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.633	5.4	ng	187128	3	9.922	698614	20.0
n-Hexadecanoic ...	11.939	10.2	ng	336797	4	11.416	663532	20.0
1-Nonadecene	13.916	2.7	ng	146618	5	14.063	1080530	20.0
Benzo[e]pyrene	15.415	3.1	ng	129417	6	15.545	831225	20.0