LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128158.D
Acq On : 10 May 2022 13:58
Operator : CG\JU
Sample : N2749-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128158.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	478	483	487	rVB2	20296	28606	1.26%	0.161%
2	5.516	544	549	552	rVB	1943121	1885033	83.10%	10.620%
3	6.522	715	720	723	rBV	1873114	1977228	87.16%	11.139%
4	6.716	750	753	756	rBV2	34425	33513	1.48%	0.189%
5	6.892	779	783	786	rBV	629593	529848	23.36%	2.985%
6	7.457	874	879	882	rBV	1437944	1375792	60.65%	7.751%
7	8.175	997	1001	1003	rBV	787630	676231	29.81%	3.810%
8	8.192	1003	1004	1007	rVB	72149	50115	2.21%	0.282%
9	8.581	1067	1070	1073	rBV	41681	37125	1.64%	0.209%
10	8.751	1092	1099	1104	rBV	40007	38940	1.72%	0.219%
11	8.886	1119	1122	1125	rBV	34209	28353	1.25%	0.160%
12	9.251	1178	1184	1187	rBV	2508626	2268444	100.00%	12.780%
13	9.316	1192	1195	1198	rVB	49054	45174	1.99%	0.254%
14	9.586	1238	1241	1244	rBV2	23968	27576	1.22%	0.155%
15	9.792	1272	1276	1279	rBV	58534	52502	2.31%	0.296%
16	9.851	1281	1286	1288	rVB	33149	38262	1.69%	0.216%
17	9.933	1294	1300	1303	rBV	884352	788550	34.76%	4.442%
18	10.133	1330	1334	1338	rVB3	30404	35558	1.57%	0.200%
19	10.169	1338	1340	1344	rVB3	28794	24492	1.08%	0.138%
20	10.245	1349	1353	1355	rBV2	29984	34732	1.53%	0.196%
21	10.351	1364	1371	1374	rBV4	40213	62972	2.78%	0.355%
22	10.722	1430	1434	1438	rBV	1682375	1570099	69.21%	8.846%
23	10.822	1449	1451	1452	rBV	36878	28252	1.25%	0.159%
24	11.228	1517	1520	1524	rBV2	33844	35132	1.55%	0.198%
25	11.275	1525	1528	1530	rBV	41330	36708	1.62%	0.207%
26	11.422	1550	1553	1556	rBV	947635	835406	36.83%	4.706%
27	11.445	1556	1557	1560	rVB	125173	76523	3.37%	0.431%
28	11.698	1598	1600	1607	rVB4	34863	30708	1.35%	0.173%
29	11.757	1607	1610	1614	rVB4	27842	29949	1.32%	0.169%
30	11.939	1636	1641	1646	rBV3	122942	228525	10.07%	1.287%
31	12.033	1654	1657	1660	rBV2	64232	65581	2.89%	0.369%
32	12.057	1660	1661	1665	rVB	41150	27133	1.20%	0.153%
33	12.222	1686	1689	1691	rBV2	50743	48285	2.13%	0.272%
34	12.245	1691	1693	1699	rVB3	41905	52242	2.30%	0.294%
35	12.474	1729	1732	1734	rBV	90498	80939	3.57%	0.456%
36	12.563	1745	1747	1751	rVB2	41520	41409	1.83%	0.233%

LSC Area Percent Report

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Instrument :
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TP-4

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.639	1757	1760	1765	rVB	199661	165296	7.29%	0.931%
38	12.680	1765	1767	1769	rBV	37806	29722	1.31%	0.167%
39	12.869	1796	1799	1802	rBV	225280	180271	7.95%	1.016%
40	12.922	1806	1808	1812	rVB	45046	40110	1.77%	0.226%
41	13.010	1819	1823	1826	rBV	2352798	2133624	94.06%	12.020%
42	13.080	1833	1835	1837	rBV3	33221	31701	1.40%	0.179%
43	13.227	1858	1860	1864	rBV	35547	29651	1.31%	0.167%
44	13.704	1939	1941	1948	rVB	47343	61958	2.73%	0.349%
45	13.916	1972	1977	1988	rVB4	101236	204599	9.02%	1.153%
46	14.068	1999	2003	2006	rBV	732281	688929	30.37%	3.881%
47	14.216	2026	2028	2031	rBV2	33652	24688	1.09%	0.139%
48	14.521	2077	2080	2082	rBV2	36014	30084	1.33%	0.169%
49	15.121	2179	2182	2185	rBV	78670	104232	4.59%	0.587%
50	15.433	2232	2235	2240	rVB	52760	68138	3.00%	0.384%
51	15.498	2243	2246	2252	rVB	66993	84990	3.75%	0.479%
52	15.568	2252	2258	2262	rBV	396665	530754	23.40%	2.990%
53	17.080	2510	2515	2521	rVB3	31394	53129	2.34%	0.299%
54	17.539	2587	2593	2599	rVB2	29890	62408	2.75%	0.352%

Sum of corrected areas: 17750221

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ClientSampleId :
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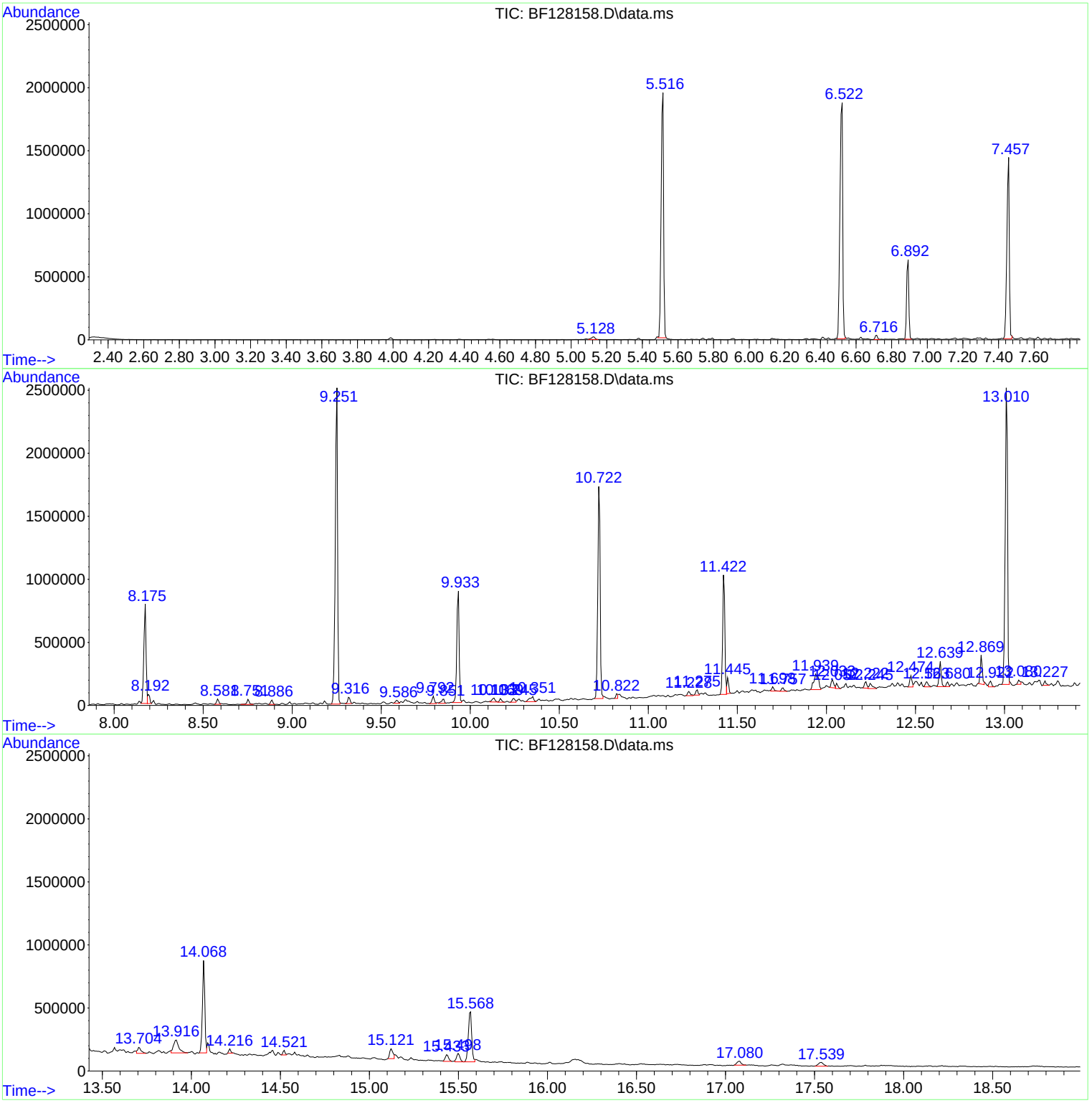
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128158.D
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Operator : CG\JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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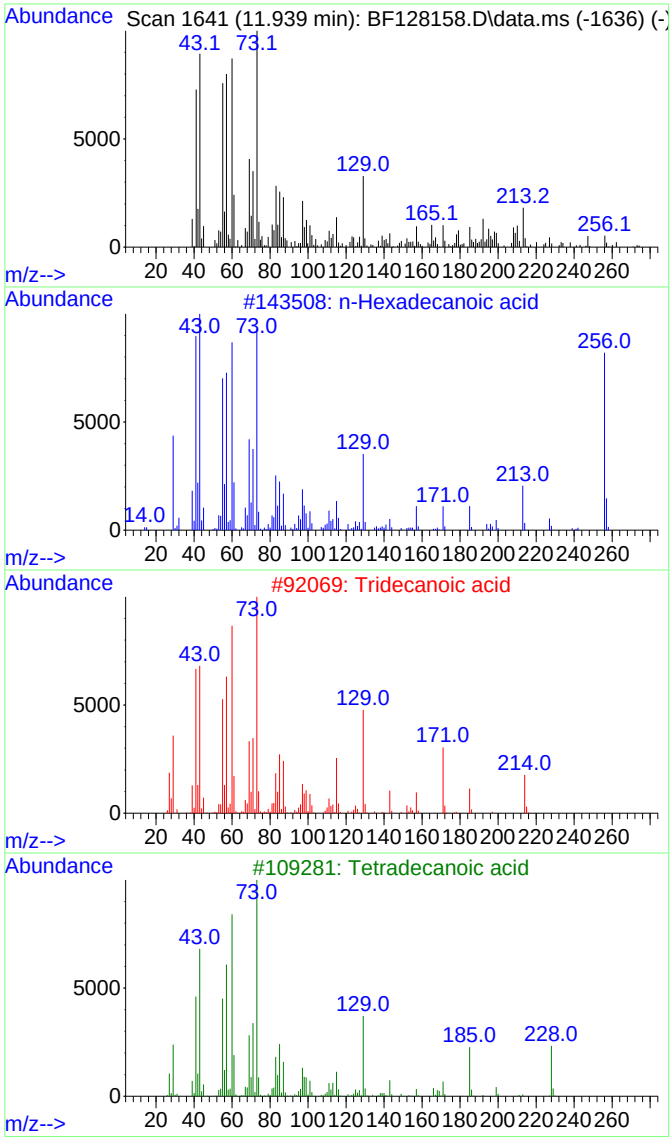
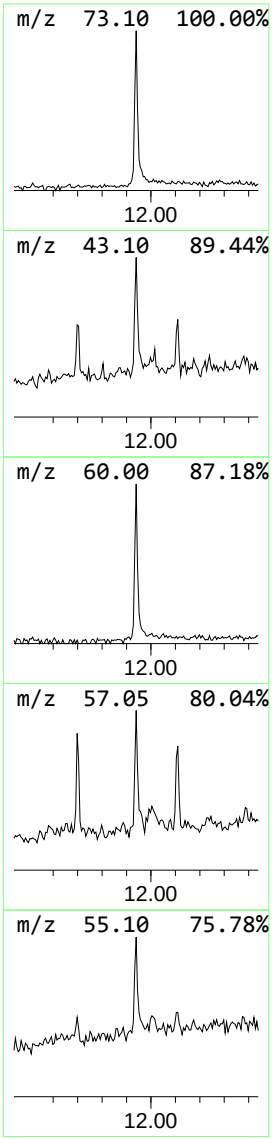
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	5.47 ng	228525	Phenanthrene-d10	11.422

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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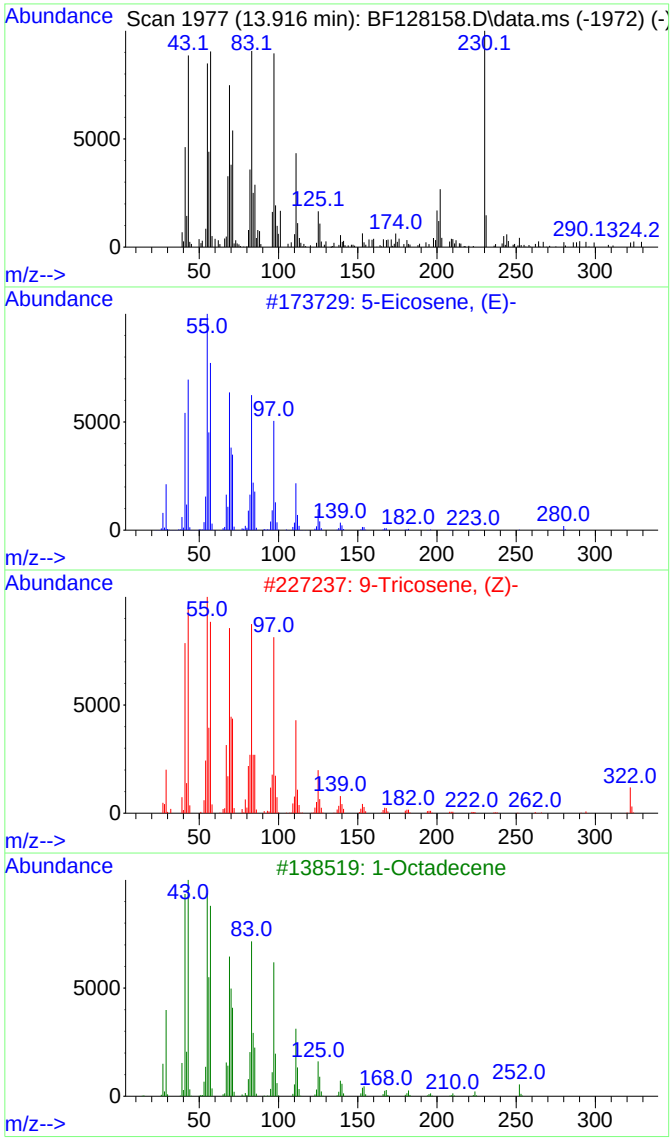
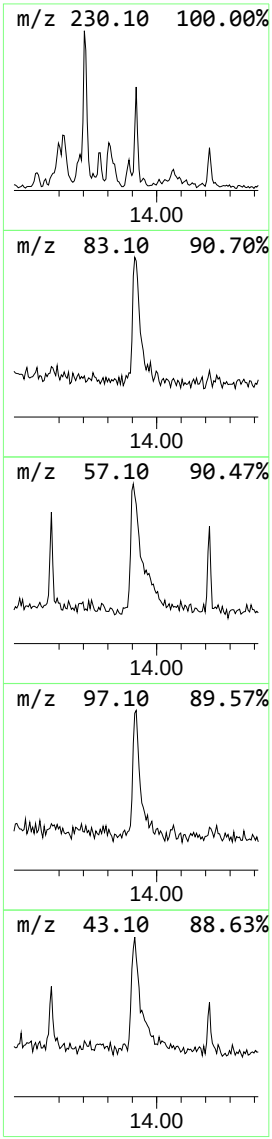
Peak Number 2 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	5.94 ng	204599	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	1-Octadecene	252	C18H36	000112-88-9	92
4	1-Tricosene	322	C23H46	018835-32-0	91
5	1-Hexacosene	364	C26H52	018835-33-1	90





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BNA_F
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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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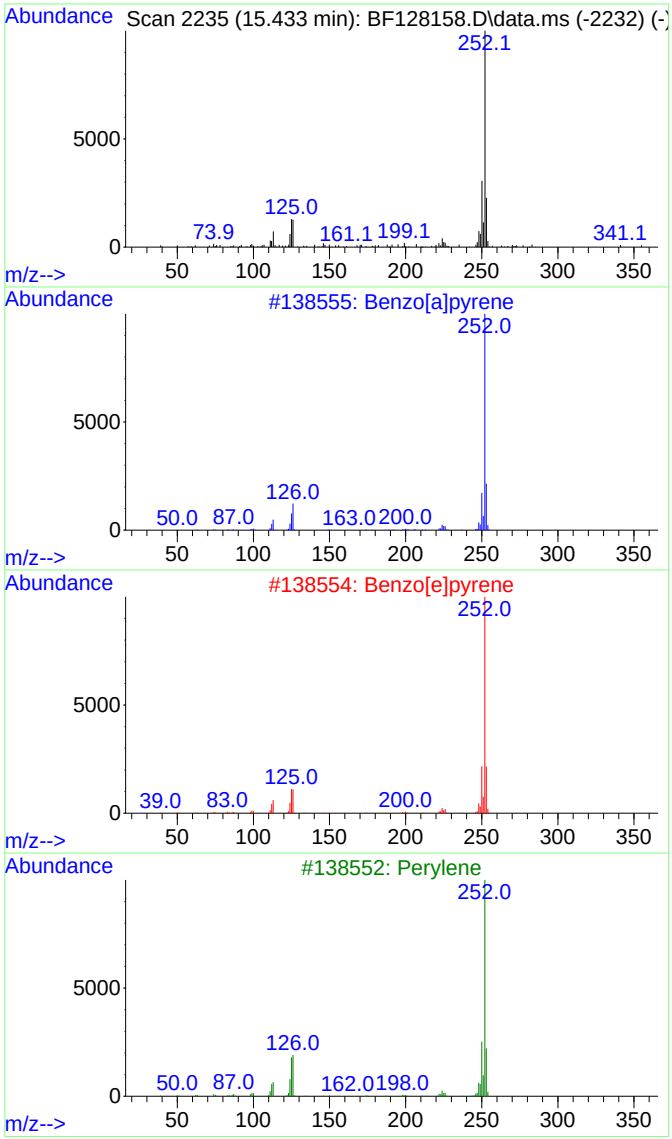
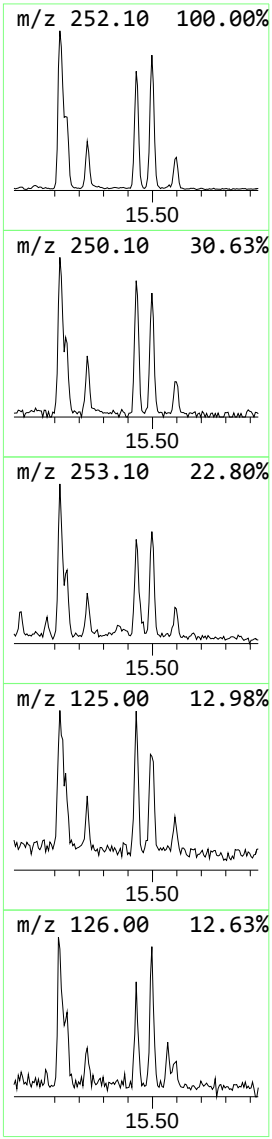
Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	2.57 ng	68138	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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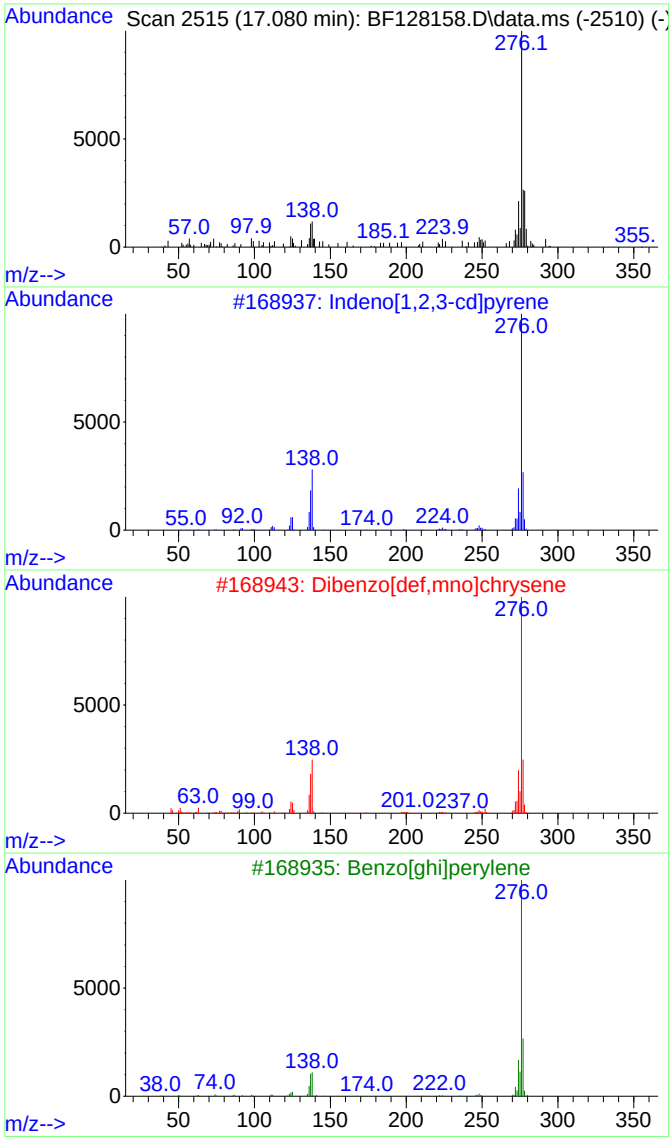
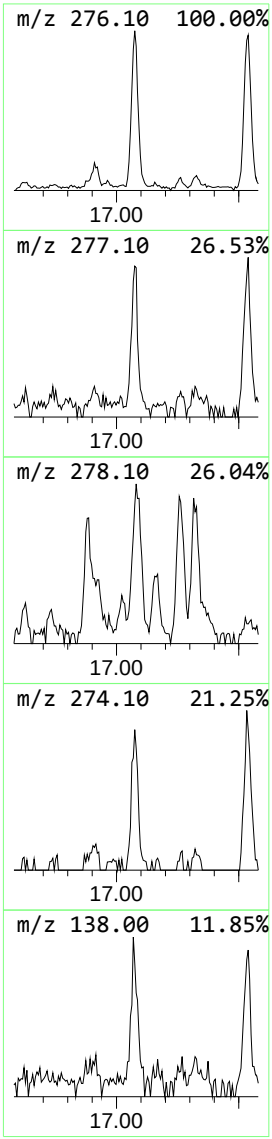
Peak Number 4 Dibenzo[def,mno]chrysene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	2.00 ng	53129	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	70
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	62
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	58
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53
5	1H-Indol-2-amine, N,N'-bis(trime...	276	C14H24N2Si2	1000500-18-2	50





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.939	5.5	ng	228525	4	11.422	835406	20.0
5-Eicosene, (E)-	13.916	5.9	ng	204599	5	14.069	688929	20.0
Benzo[e]pyrene	15.433	2.6	ng	68138	6	15.568	530754	20.0
Dibenzo[def,mno...	17.080	2.0	ng	53129	6	15.568	530754	20.0