LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137607.D
Acq On : 14 Mar 2024 23:19
Operator : CG\JU
Sample : P1746-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.328	548	551	568	rBV	2316373	2315058	96.50%	11.289%
2	6.357	723	726	746	rBV	2254012	2326940	97.00%	11.347%
3	6.728	785	789	802	rBV	770674	785627	32.75%	3.831%
4	7.286	881	884	897	rBV	1502468	1404059	58.53%	6.847%
5	8.004	1003	1006	1026	rBV	1057383	993850	41.43%	4.846%
6	9.080	1186	1189	1202	rBV	2893188	2399025	100.00%	11.699%
7	9.198	1206	1209	1214	rVB	34241	36637	1.53%	0.179%
8	9.757	1300	1304	1316	rVB	1281707	1023220	42.65%	4.990%
9	10.545	1434	1438	1451	rBV	1176854	1154018	48.10%	5.627%
10	11.239	1552	1556	1559	rBV	1024481	883477	36.83%	4.308%
11	11.263	1559	1560	1564	rVB	171984	114699	4.78%	0.559%
12	11.486	1593	1598	1604	rBV6	13410	28872	1.20%	0.141%
13	11.739	1638	1641	1644	rBV	27298	27623	1.15%	0.135%
14	11.774	1644	1647	1651	rBV2	114010	135215	5.64%	0.659%
15	11.851	1657	1660	1663	rBV	47417	48973	2.04%	0.239%
16	12.039	1687	1692	1695	rBV2	25155	31422	1.31%	0.153%
17	12.292	1731	1735	1737	rBV	29770	35168	1.47%	0.171%
18	12.451	1758	1762	1768	rBV	404797	387003	16.13%	1.887%
19	12.674	1794	1800	1804	rBV	375539	404087	16.84%	1.970%
20	12.821	1822	1825	1833	rVB	2111691	1940770	80.90%	9.464%
21	12.898	1833	1838	1842	rBV3	31194	45722	1.91%	0.223%
22	12.980	1850	1852	1854	rBV2	22693	27725	1.16%	0.135%
23	13.004	1854	1856	1859	rVB	50645	48871	2.04%	0.238%
24	13.062	1863	1866	1870	rVB2	28347	43275	1.80%	0.211%
25	13.110	1870	1874	1877	rBV	50179	55582	2.32%	0.271%
26	13.233	1892	1895	1899	rBV	23976	27880	1.16%	0.136%
27	13.404	1921	1924	1926	rBV2	33372	30782	1.28%	0.150%
28	13.515	1940	1943	1947	rVB	42614	38012	1.58%	0.185%
29	13.680	1968	1971	1976	rBV3	45744	60509	2.52%	0.295%
30	13.727	1976	1979	1987	rBV2	147843	199272	8.31%	0.972%
31	13.874	1999	2004	2007	rBV2	1094794	1272466	53.04%	6.205%
32	13.898	2007	2008	2014	rVB	228767	182565	7.61%	0.890%
33	14.009	2024	2027	2030	rBV2	58254	62630	2.61%	0.305%
34	14.045	2031	2033	2036	rVB	119590	106114	4.42%	0.517%
35	14.351	2083	2085	2088	rBV2	61316	66073	2.75%	0.322%
36	14.721	2144	2148	2153	rBV	155724	169127	7.05%	0.825%

LSC Area Percent Report

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Operator : CG\JU
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Misc :
ALS Vial : 20 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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.892	2173	2177	2186	rBV	214315	410068	17.09%	2.000%
38	14.968	2188	2190	2193	rBV2	42334	43223	1.80%	0.211%
39	15.174	2223	2225	2232	rVB	109710	139153	5.80%	0.679%
40	15.239	2232	2236	2241	rBV	146952	195670	8.16%	0.954%
41	15.298	2242	2246	2250	rBV	669717	806415	33.61%	3.932%

Sum of corrected areas: 20506877

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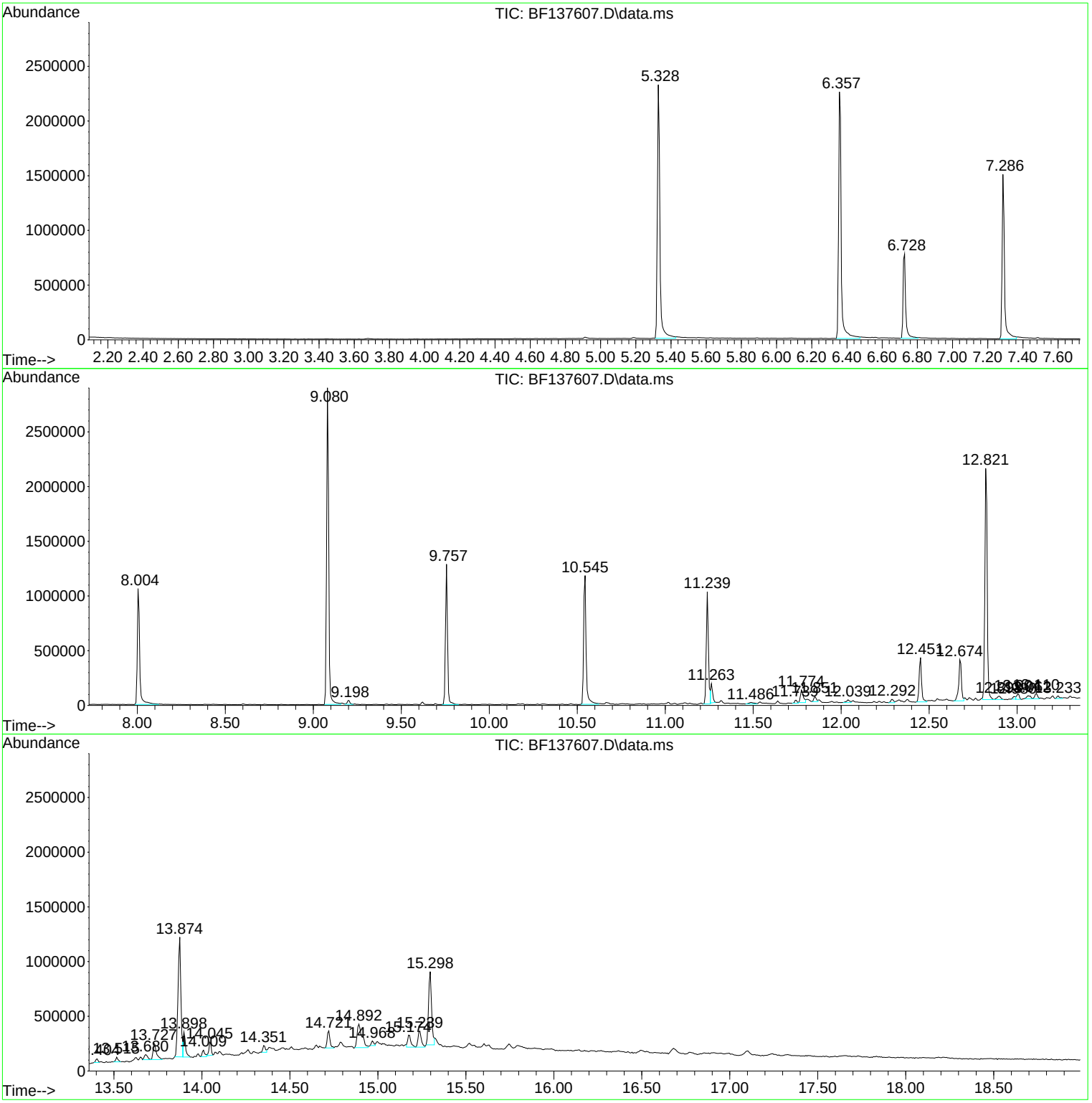
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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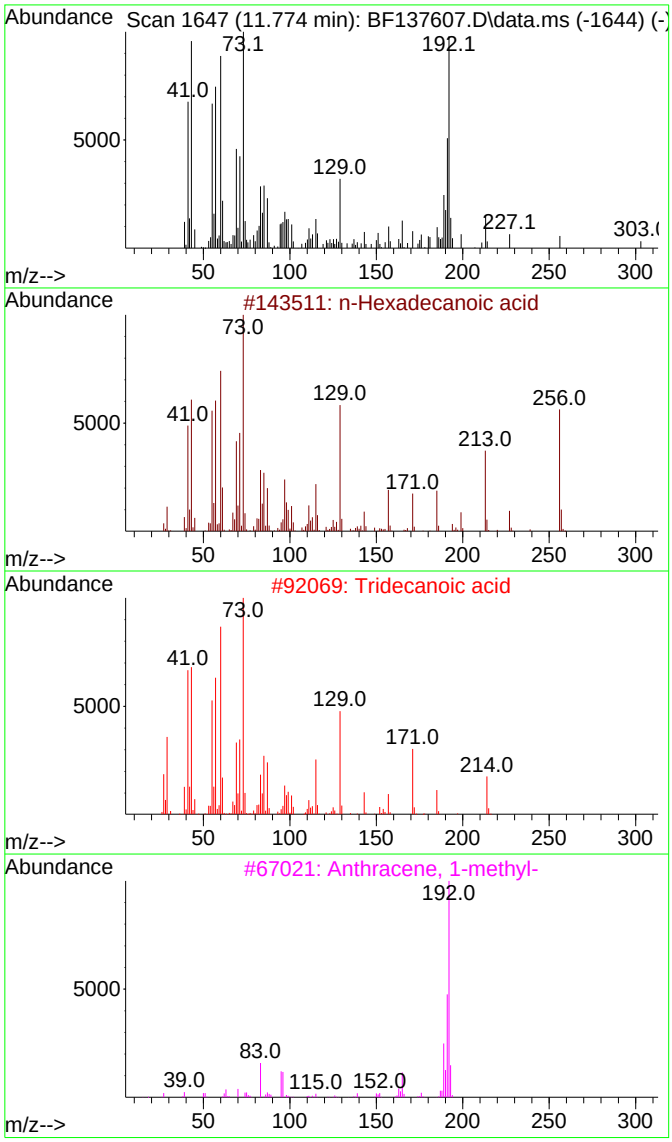
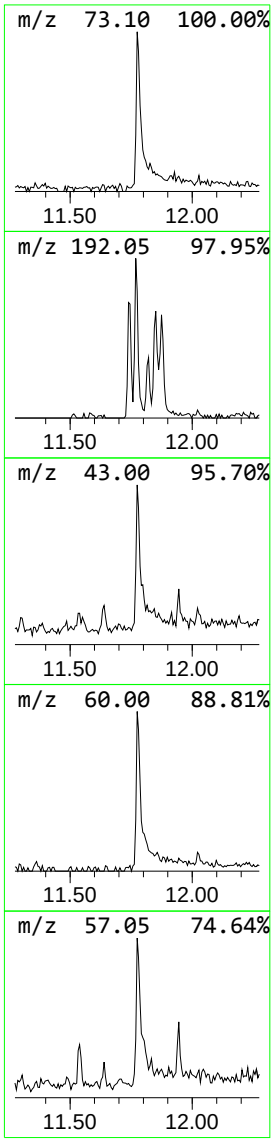
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	3.06 ng	135215	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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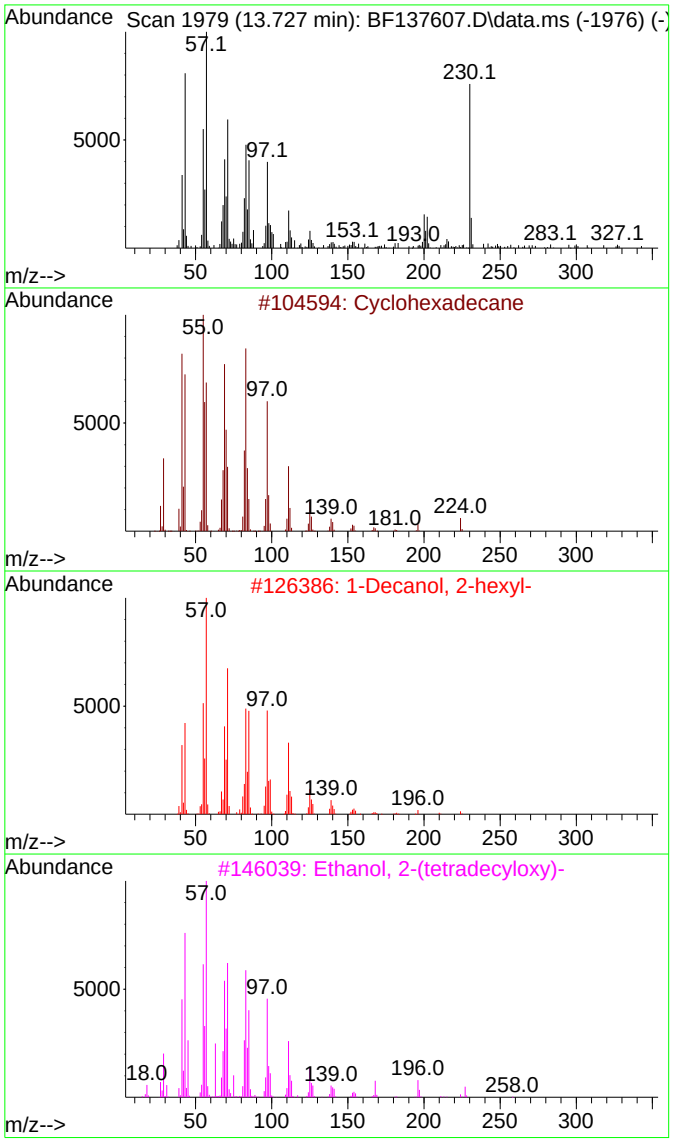
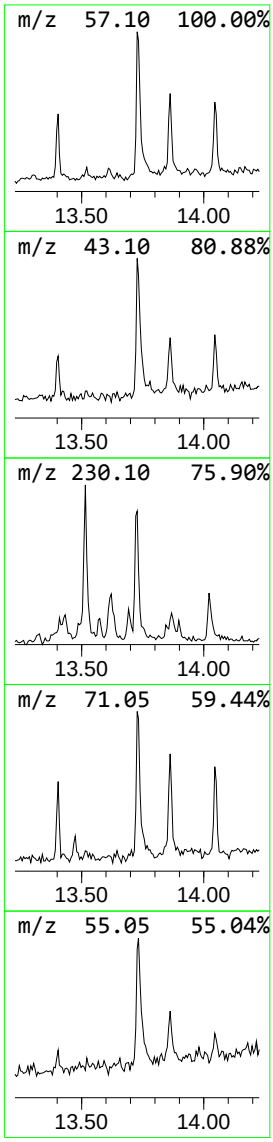
Peak Number 2 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	3.13 ng	199272	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	76
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	60
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	55
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	53
5	Cyclotetradecane	196	C14H28	000295-17-0	51





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Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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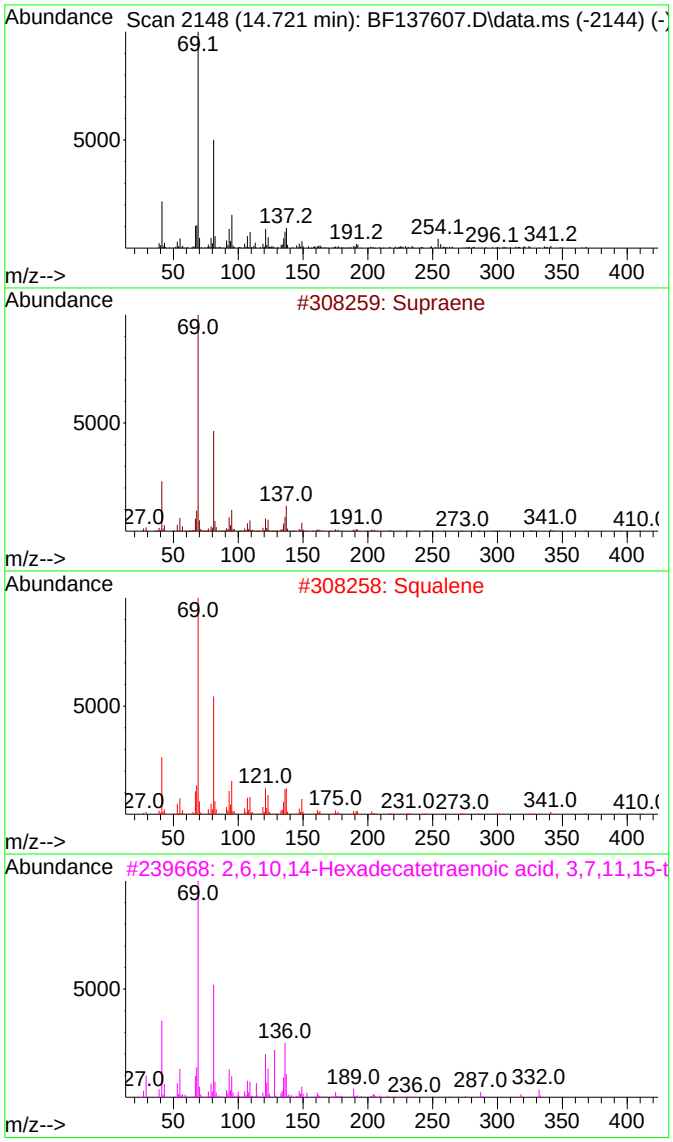
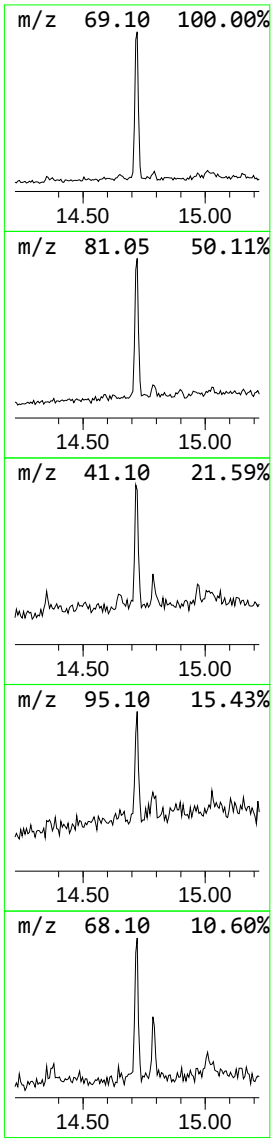
Peak Number 3 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.721	4.19 ng	169127	Perylene-d12	15.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	80
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	80
4	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	78
5	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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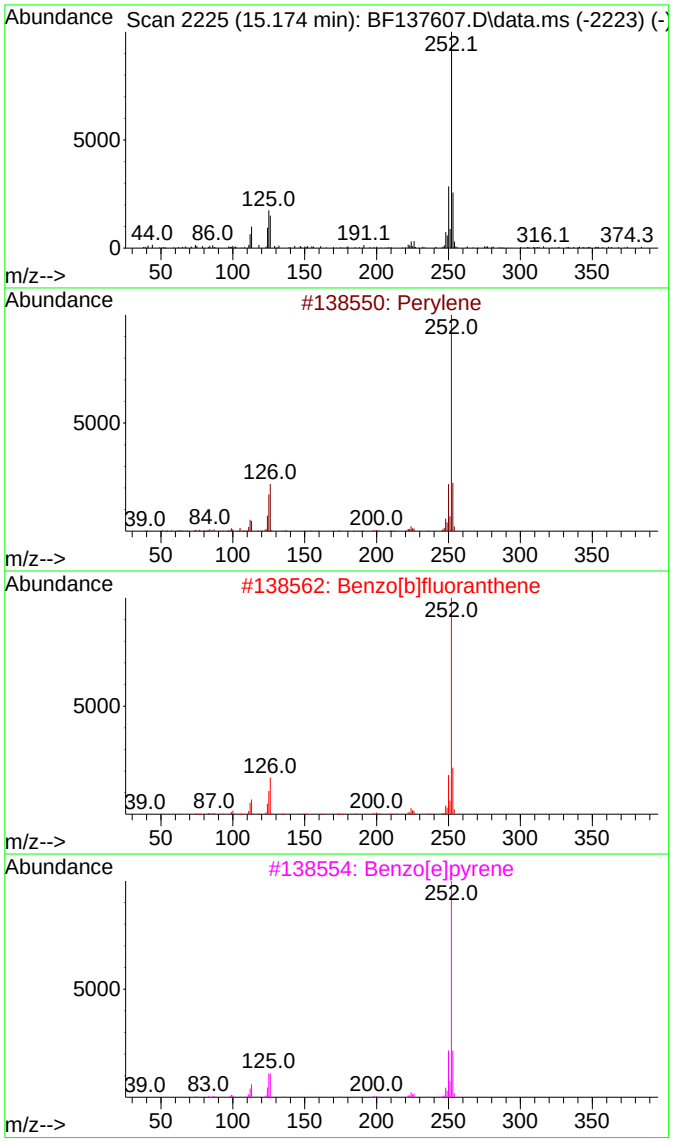
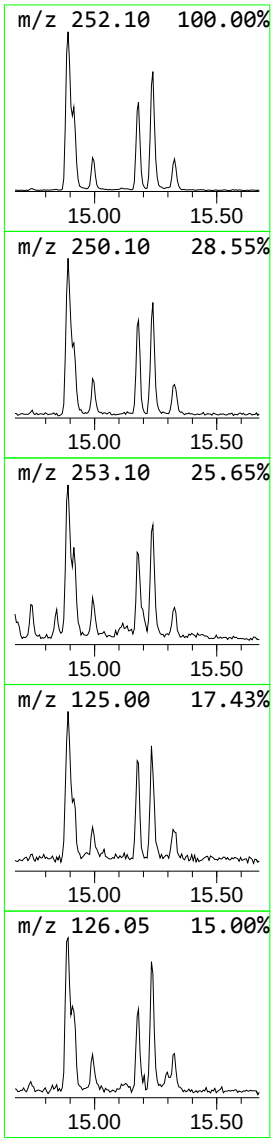
Peak Number 4 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	3.45 ng	139153	Perylene-d12	15.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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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
n-Hexadecanoic ...	11.774	3.1	ng	135215	4	11.239	883477	20.0
Cyclohexadecane	13.727	3.1	ng	199272	5	13.874	1272470	20.0
Supraene	14.721	4.2	ng	169127	6	15.298	806415	20.0
Perylene	15.174	3.5	ng	139153	6	15.298	806415	20.0