LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122232.D
Acq On : 2 Nov 2020 18:26
Operator : JU/CG
Sample : L4564-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-017-B

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	549	552	582	rBV	1289170	1938184	88.62%	10.654%
2	6.363	725	727	755	rBV	1540127	2134132	97.57%	11.731%
3	6.604	764	768	782	rBV4	11382	39192	1.79%	0.215%
4	6.704	782	785	796	rVB	492651	466905	21.35%	2.567%
5	7.281	879	883	905	rBV	1154957	1285933	58.79%	7.069%
6	7.992	1001	1004	1023	rVB	622352	629010	28.76%	3.458%
7	9.069	1183	1187	1198	rBV	2175550	2187190	100.00%	12.023%
8	9.469	1252	1255	1270	rVB	314578	320657	14.66%	1.763%
9	9.745	1298	1302	1312	rBV	786855	741889	33.92%	4.078%
10	10.539	1433	1437	1451	rBV	1352620	1426507	65.22%	7.841%
11	10.651	1451	1456	1459	rVB5	13677	25387	1.16%	0.140%
12	11.233	1551	1555	1558	rBV	775762	728992	33.33%	4.007%
13	11.257	1558	1559	1565	rVV	158109	122652	5.61%	0.674%
14	11.316	1567	1569	1575	rVB	37909	40070	1.83%	0.220%
15	11.739	1638	1641	1643	rBV	28668	28412	1.30%	0.156%
16	11.763	1643	1645	1652	rVB3	67717	88593	4.05%	0.487%
17	11.851	1657	1660	1663	rBV	48119	51805	2.37%	0.285%
18	12.286	1732	1734	1736	rBV	28904	26992	1.23%	0.148%
19	12.451	1758	1762	1771	rBV	380094	382011	17.47%	2.100%
20	12.610	1785	1789	1790	rBV2	19870	22555	1.03%	0.124%
21	12.680	1795	1801	1808	rVV	331391	379095	17.33%	2.084%
22	12.816	1820	1824	1827	rBV	2230984	1969468	90.05%	10.826%
23	12.898	1834	1838	1844	rBV3	26414	44897	2.05%	0.247%
24	12.986	1850	1853	1855	rBV3	23838	33473	1.53%	0.184%
25	13.010	1855	1857	1860	rVB2	42721	42421	1.94%	0.233%
26	13.080	1866	1869	1871	rBV	30935	27757	1.27%	0.153%
27	13.116	1872	1875	1879	rVB2	42782	47108	2.15%	0.259%
28	13.210	1888	1891	1894	rBV	25319	25337	1.16%	0.139%
29	13.239	1894	1896	1902	rVV4	27133	34527	1.58%	0.190%
30	13.380	1917	1920	1923	rBV3	27949	33735	1.54%	0.185%
31	13.686	1970	1972	1974	rBV	24440	23740	1.09%	0.130%
32	13.727	1974	1979	1989	rVB7	89766	255551	11.68%	1.405%
33	13.839	1996	1998	2000	rBV	31142	26914	1.23%	0.148%
34	13.880	2000	2005	2008	rVV2	670670	788608	36.06%	4.335%
35	13.910	2008	2010	2018	rVV	184631	187131	8.56%	1.029%
36	13.986	2021	2023	2027	rVB	30090	28498	1.30%	0.157%

LSC Area Percent Report

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.274	2070	2072	2076	rVB	36578	30151	1.38%	0.166%
38	14.621	2129	2131	2134	rVB3	32706	30870	1.41%	0.170%
39	14.915	2177	2181	2183	rBV	189234	232088	10.61%	1.276%
40	14.939	2183	2185	2191	rVB3	131615	161174	7.37%	0.886%
41	15.204	2227	2230	2237	rBV	111469	144626	6.61%	0.795%
42	15.268	2238	2241	2246	rBV	147142	178957	8.18%	0.984%
43	15.321	2246	2250	2255	rVV	369270	436529	19.96%	2.400%
44	15.921	2350	2352	2366	rVB2	65159	130675	5.97%	0.718%
45	16.756	2490	2494	2502	rVB	61735	126162	5.77%	0.694%
46	17.186	2564	2567	2574	rVB	47149	85472	3.91%	0.470%

Sum of corrected areas: 18192032

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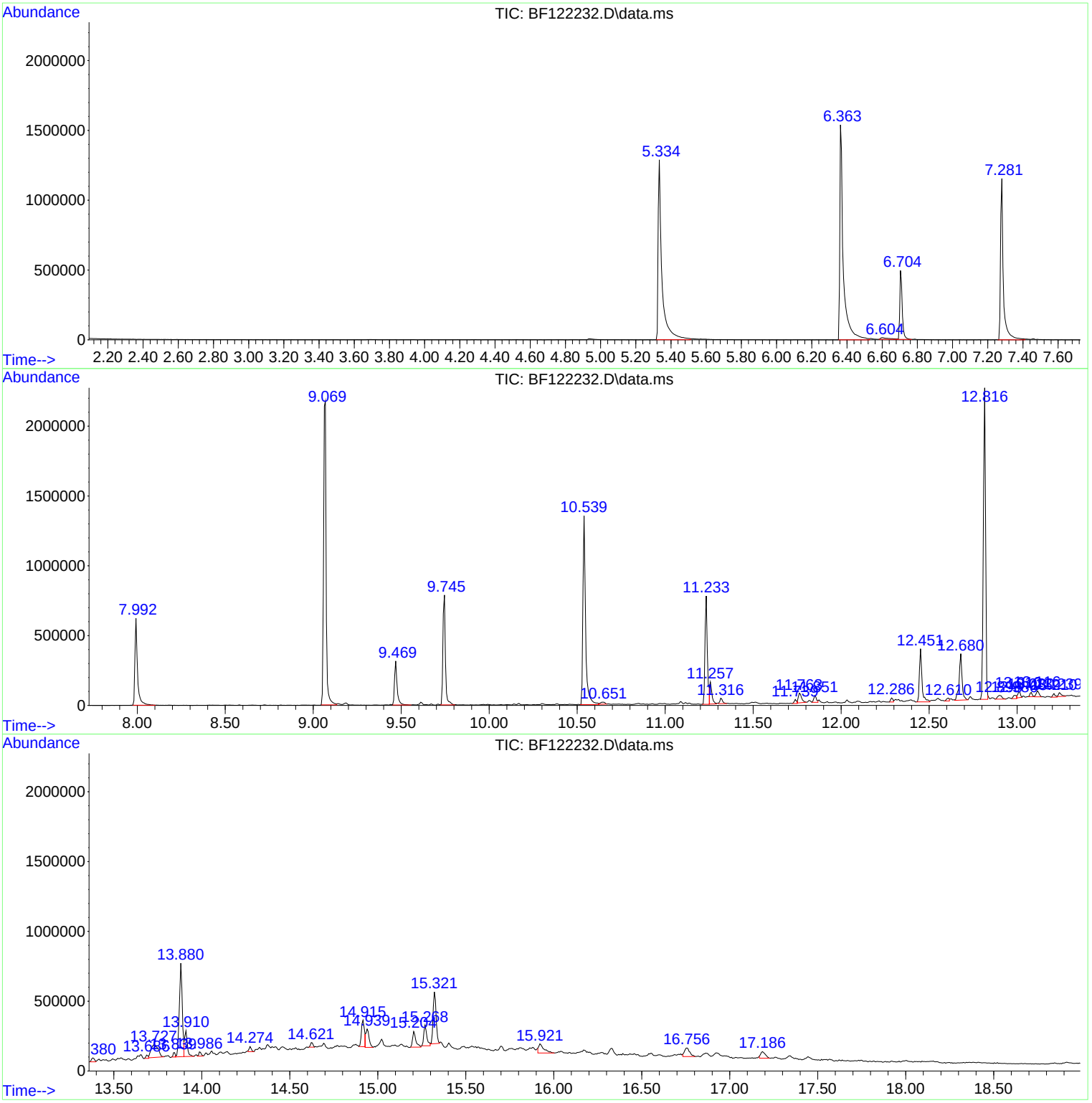
BNA_F
ClientSampleId :
FK-GF-03-017-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BF122232.D
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Sample : L4564-03
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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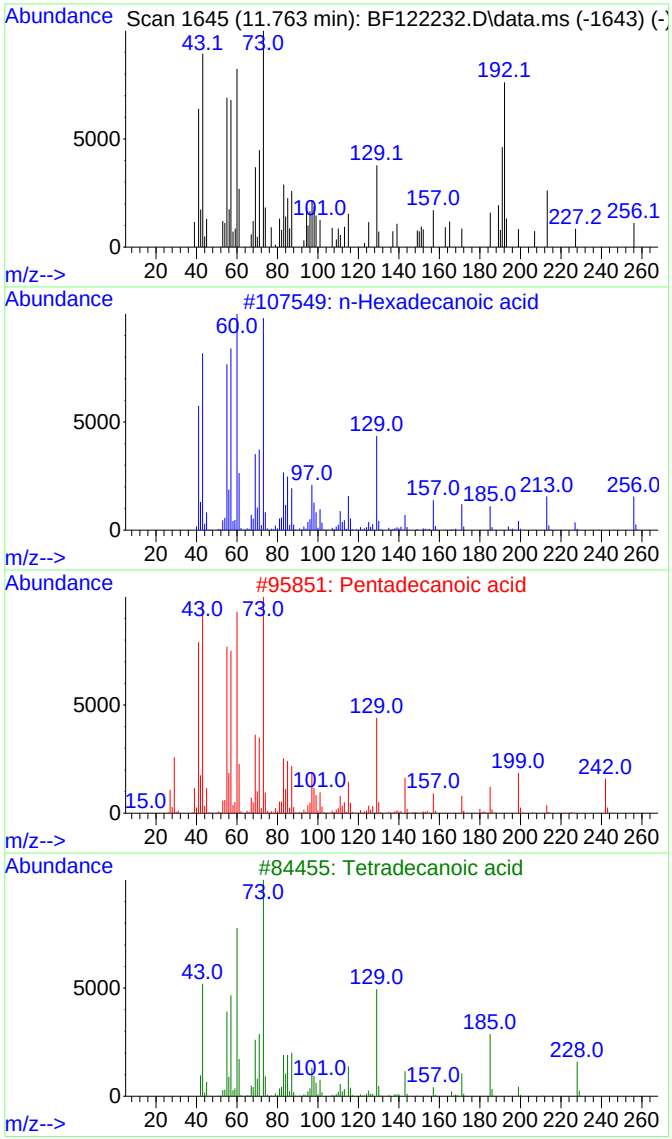
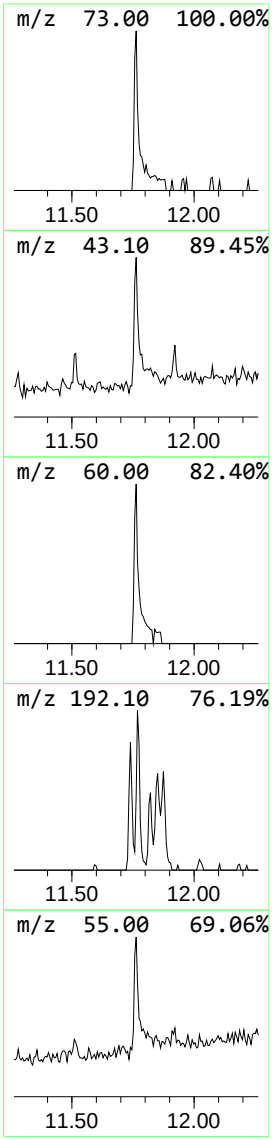
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	2.43 ng	88593	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	Dodecanoic acid	200	C12H24O2	000143-07-7	35





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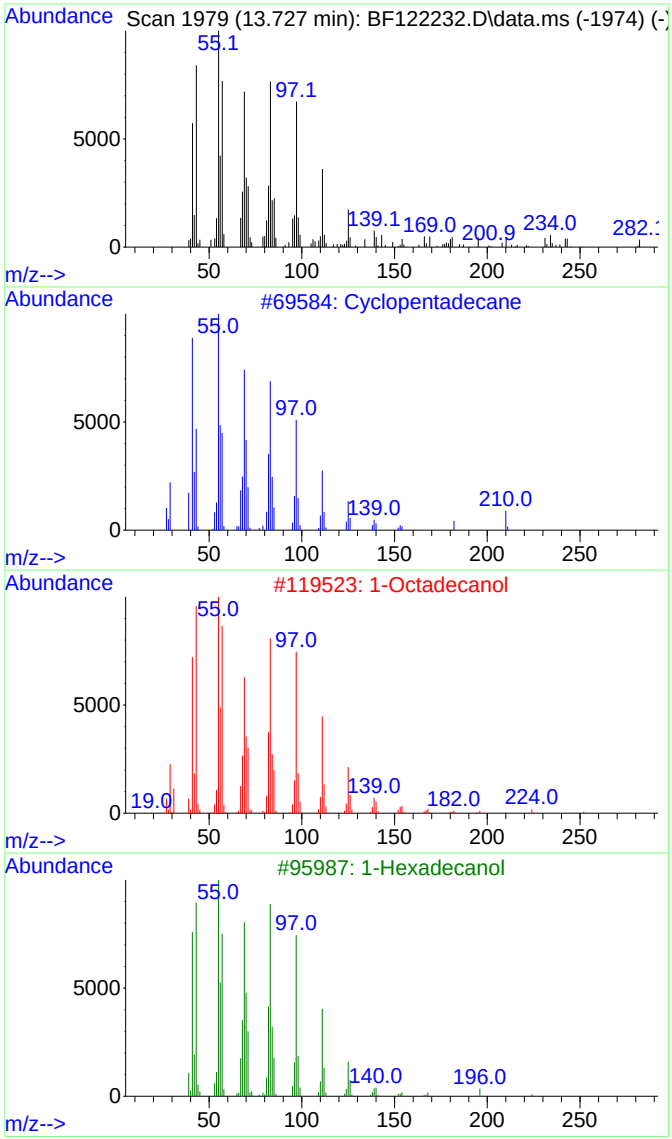
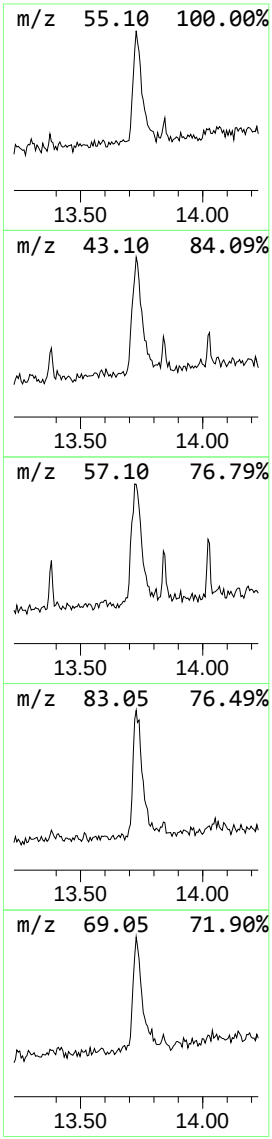
Peak Number 2 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	6.48 ng	255551	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	1-Octadecanol	270	C18H38O	000112-92-5	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





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Instrument : BNA_F
ClientSampleId : FK-GF-03-017-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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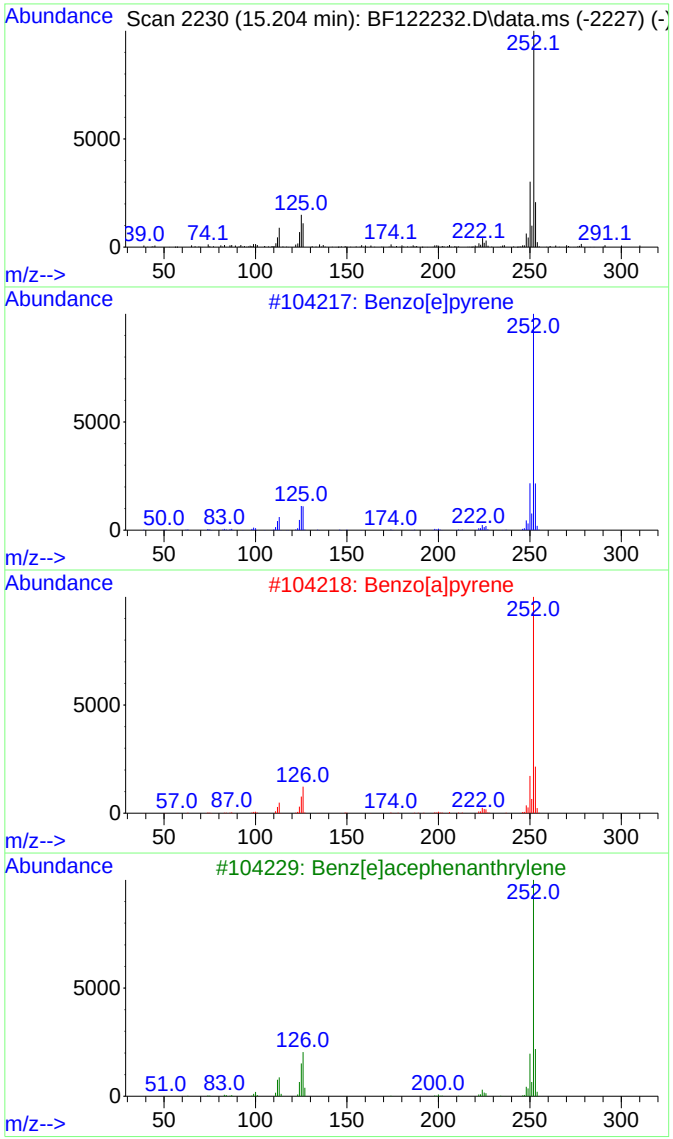
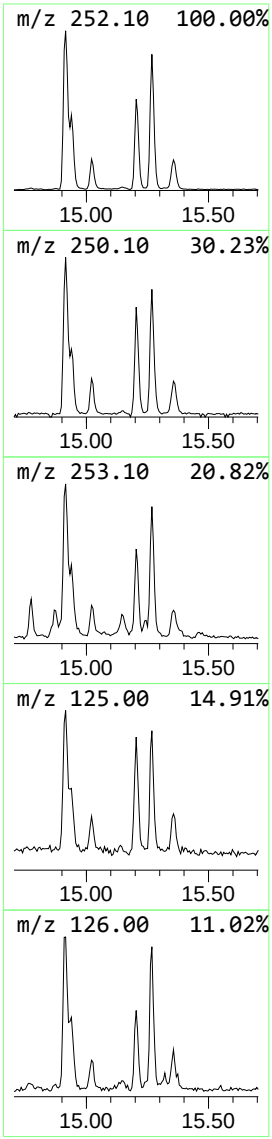
Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	6.63 ng	144626	Perylene-d12	15.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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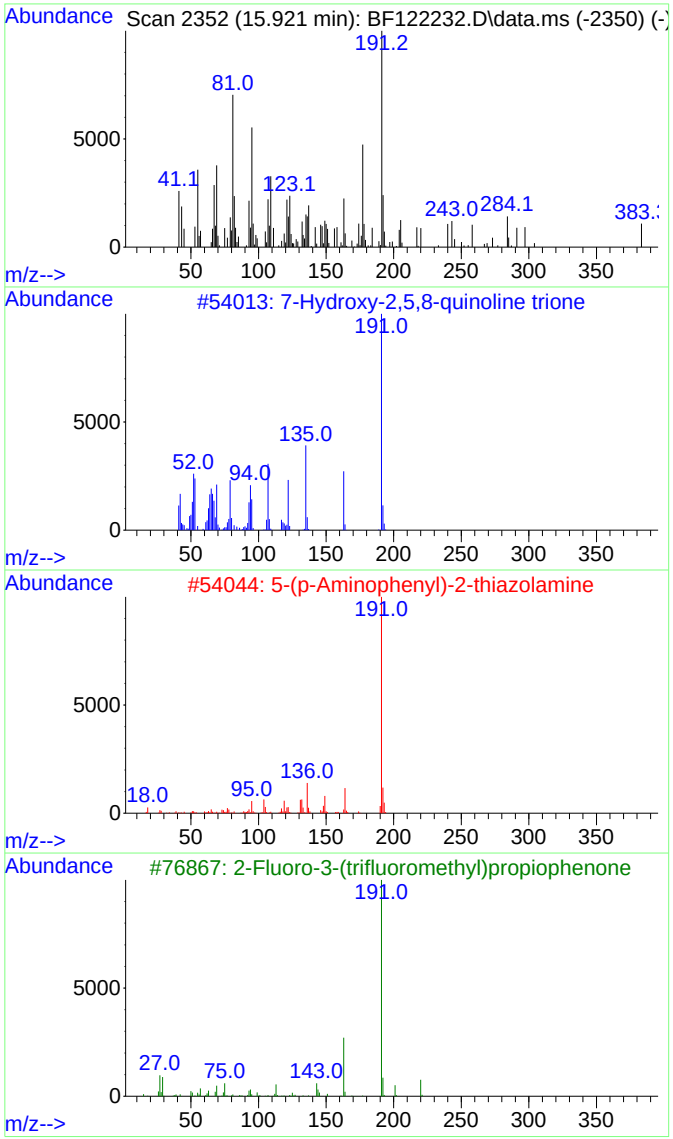
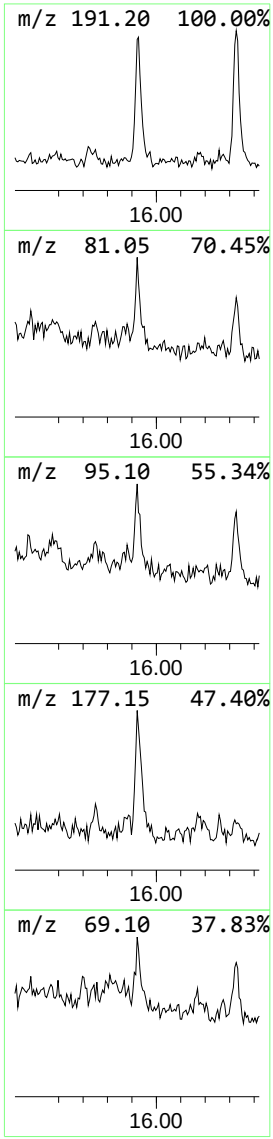
Peak Number 4 unknown15.921 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	5.99 ng	130675	Perylene-d12	15.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	35
2	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
3	2-Fluoro-3-(trifluoromethyl)prop...	220	C10H8F4O	207986-23-0	27
4	2-Fluoro-3-trifluoromethylbenzoi...	290	C14H14F4O2	1000357-64-2	27
5	3-Fluoro-5-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-66-5	27





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.763	2.4	ng	88593	4	11.233	728992	20.0
Cyclopentadecane	13.727	6.5	ng	255551	5	13.880	788608	20.0
Benzo[e]pyrene	15.204	6.6	ng	144626	6	15.321	436529	20.0
unknown15.921	15.921	6.0	ng	130675	6	15.321	436529	20.0