LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138871.D
Acq On : 08 Aug 2024 18:01
Operator : RC/JU
Sample : P3488-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-080624

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	498	503	516	rBB	9977	15429	3.55%	0.329%
2	5.469	569	574	597	rBB	93366	141201	32.52%	3.015%
3	6.481	742	746	772	rBB	95206	150873	34.75%	3.222%
4	6.839	802	807	815	rBB	222019	275266	63.40%	5.878%
5	7.404	898	903	918	rBB	68069	95238	21.93%	2.034%
6	8.116	1019	1024	1038	rBV	270170	349815	80.57%	7.470%
7	9.192	1202	1207	1218	rBV	126821	163199	37.59%	3.485%
8	9.869	1317	1322	1326	rBV	280850	348777	80.33%	7.448%
9	9.904	1326	1328	1335	rVV	27775	29719	6.84%	0.635%
10	10.080	1354	1358	1362	rBV	7095	9165	2.11%	0.196%
11	10.422	1412	1416	1422	rBV	18606	23075	5.31%	0.493%
12	10.663	1453	1457	1464	rBV	45324	60235	13.87%	1.286%
13	11.257	1553	1558	1563	rVB	5380	7789	1.79%	0.166%
14	11.357	1570	1575	1578	rBV	231405	342950	78.99%	7.324%
15	11.380	1578	1579	1584	rVV	131929	101618	23.40%	2.170%
16	11.433	1584	1588	1593	rVV	38696	48990	11.28%	1.046%
17	11.598	1608	1616	1620	rVV	9028	14443	3.33%	0.308%
18	11.857	1656	1660	1662	rBV	10470	12476	2.87%	0.266%
19	11.886	1662	1665	1670	rVV	16678	20748	4.78%	0.443%
20	11.933	1670	1673	1675	rVV	5777	7328	1.69%	0.156%
21	11.968	1675	1679	1689	rVB2	36427	57851	13.32%	1.235%
22	12.151	1706	1710	1714	rBV	9468	11711	2.70%	0.250%
23	12.404	1749	1753	1756	rBV3	6287	8166	1.88%	0.174%
24	12.445	1756	1760	1765	rVB7	4023	8384	1.93%	0.179%
25	12.498	1765	1769	1776	rBV4	8057	12679	2.92%	0.271%
26	12.568	1776	1781	1786	rBV	253959	313187	72.13%	6.688%
27	12.721	1801	1807	1810	rBV2	8058	12438	2.86%	0.266%
28	12.798	1813	1820	1826	rVV	215420	315286	72.61%	6.733%
29	12.851	1826	1829	1834	rVB2	6790	9205	2.12%	0.197%
30	12.933	1837	1843	1848	rBV	93876	128466	29.59%	2.743%
31	13.015	1852	1857	1861	rBV3	13899	25040	5.77%	0.535%
32	13.057	1861	1864	1868	rBV4	3891	4472	1.03%	0.095%
33	13.121	1868	1875	1880	rBV	30748	55602	12.81%	1.187%
34	13.192	1883	1887	1890	rBV	26687	34448	7.93%	0.736%
35	13.227	1890	1893	1901	rVB3	16129	35725	8.23%	0.763%
36	13.327	1906	1910	1911	rVV	9137	11506	2.65%	0.246%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
HD-01-080624

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.357	1911	1915	1923	rVB4	13645	29933	6.89%	0.639%
38	13.545	1945	1947	1952	rVB5	4391	4858	1.12%	0.104%
39	13.610	1955	1958	1960	rBV4	4957	5604	1.29%	0.120%
40	13.645	1960	1964	1967	rBV4	5364	7765	1.79%	0.166%
41	13.745	1977	1981	1983	rBV	16807	22550	5.19%	0.482%
42	13.768	1983	1985	1988	rVV	13708	18262	4.21%	0.390%
43	13.804	1988	1991	1996	rVB3	12105	23415	5.39%	0.500%
44	13.992	2016	2023	2027	rBV2	244934	434193	100.00%	9.272%
45	14.098	2038	2041	2046	rBV	25110	31757	7.31%	0.678%
46	15.033	2195	2200	2215	rVV	97824	229989	52.97%	4.911%
47	15.145	2216	2219	2228	rVB	16873	26493	6.10%	0.566%
48	15.333	2247	2251	2257	rVB	44300	65019	14.97%	1.388%
49	15.398	2257	2262	2267	rVV	76460	121090	27.89%	2.586%
50	15.457	2267	2272	2287	rVB2	134875	260937	60.10%	5.572%
51	16.927	2517	2522	2538	rVB	29716	84402	19.44%	1.802%
52	17.368	2593	2597	2609	rVB	22907	53990	12.43%	1.153%

Sum of corrected areas: 4682757

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ClientSampleId :
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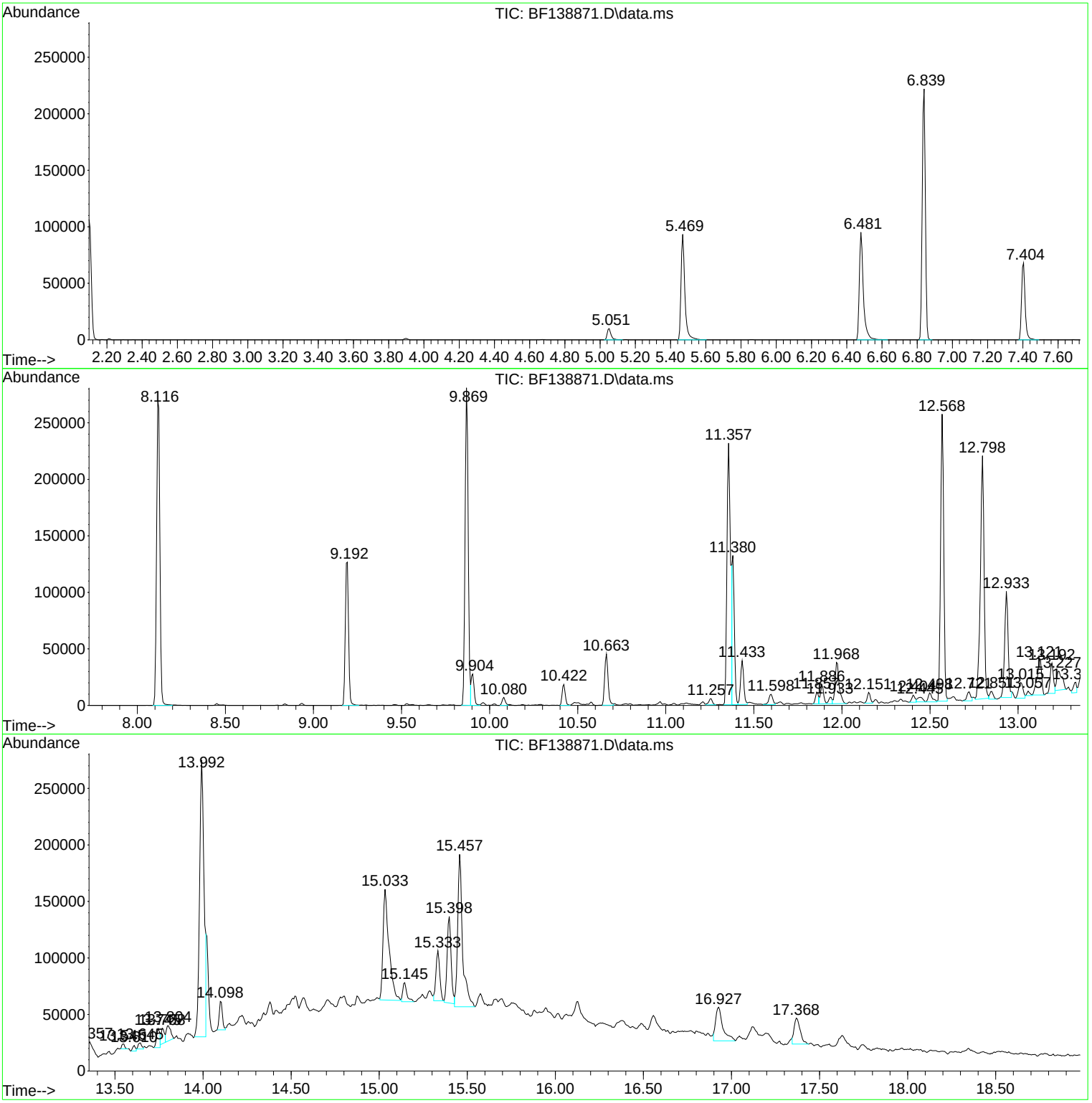
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138871.D
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Operator : RC/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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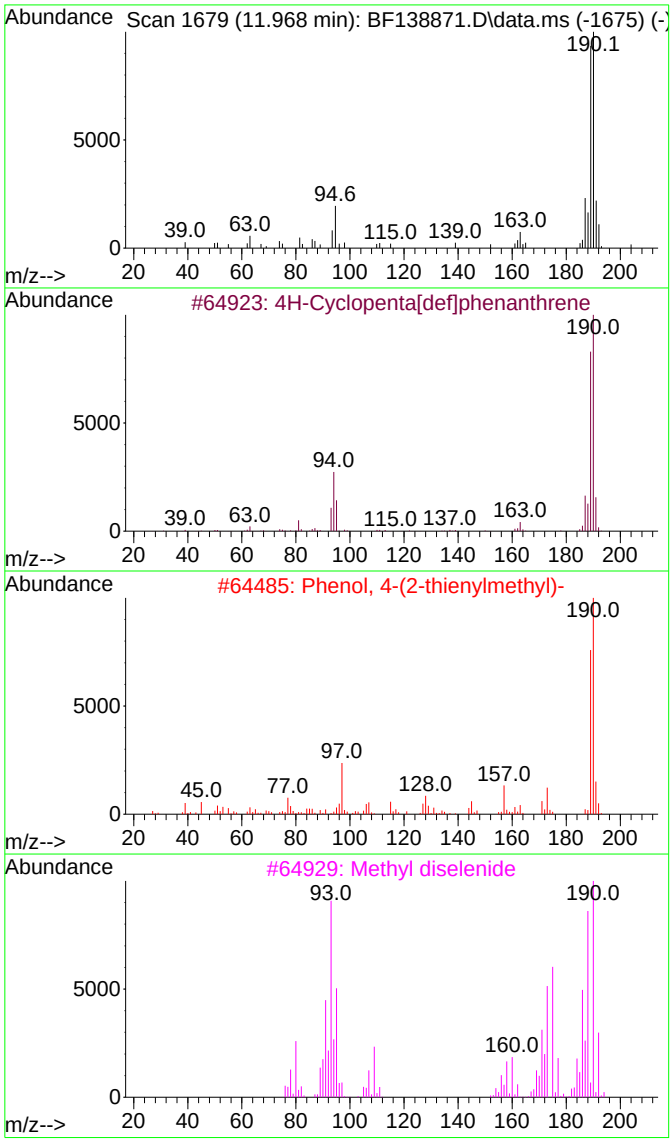
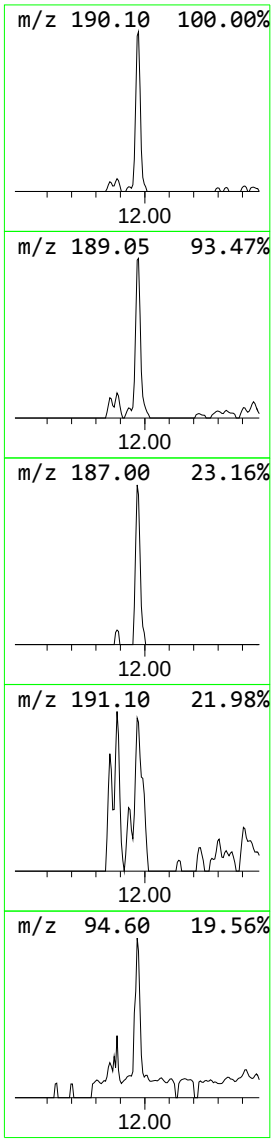
Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	3.37 ng	57851	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	38





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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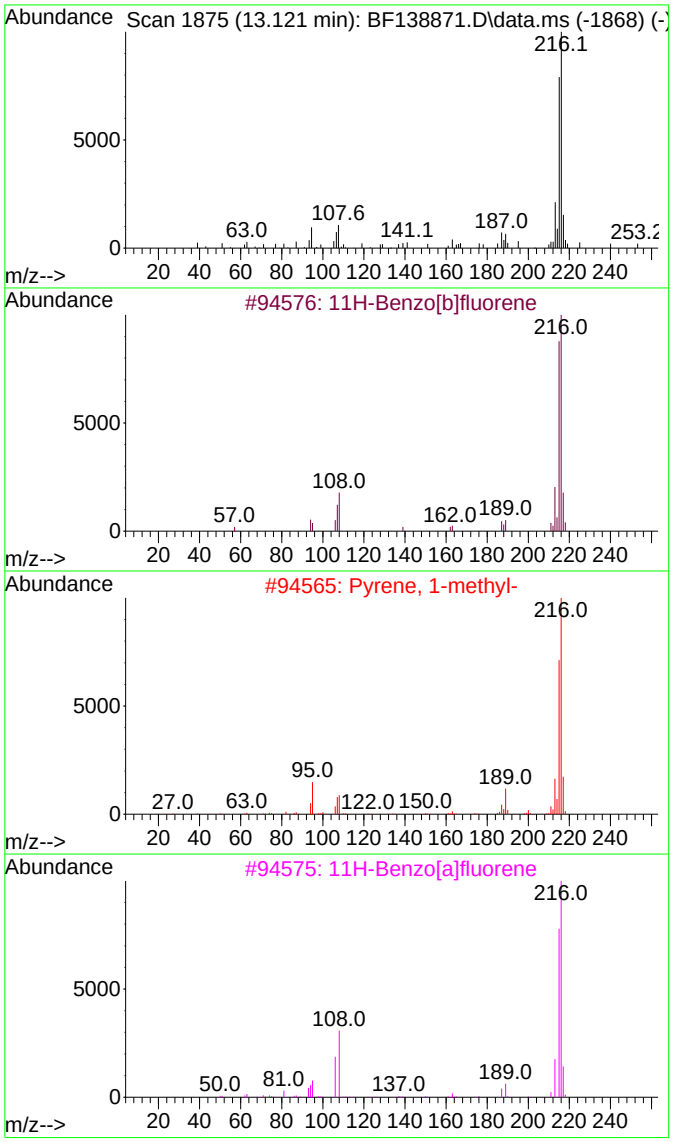
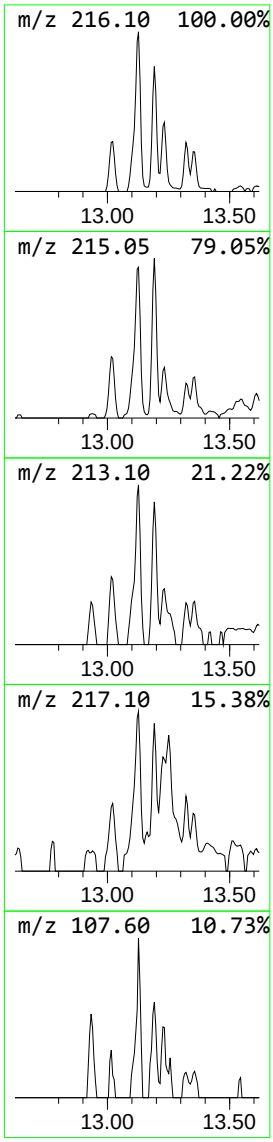
Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	2.56 ng	55602	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Instrument :
BNA_F
ClientSampleId :
HD-01-080624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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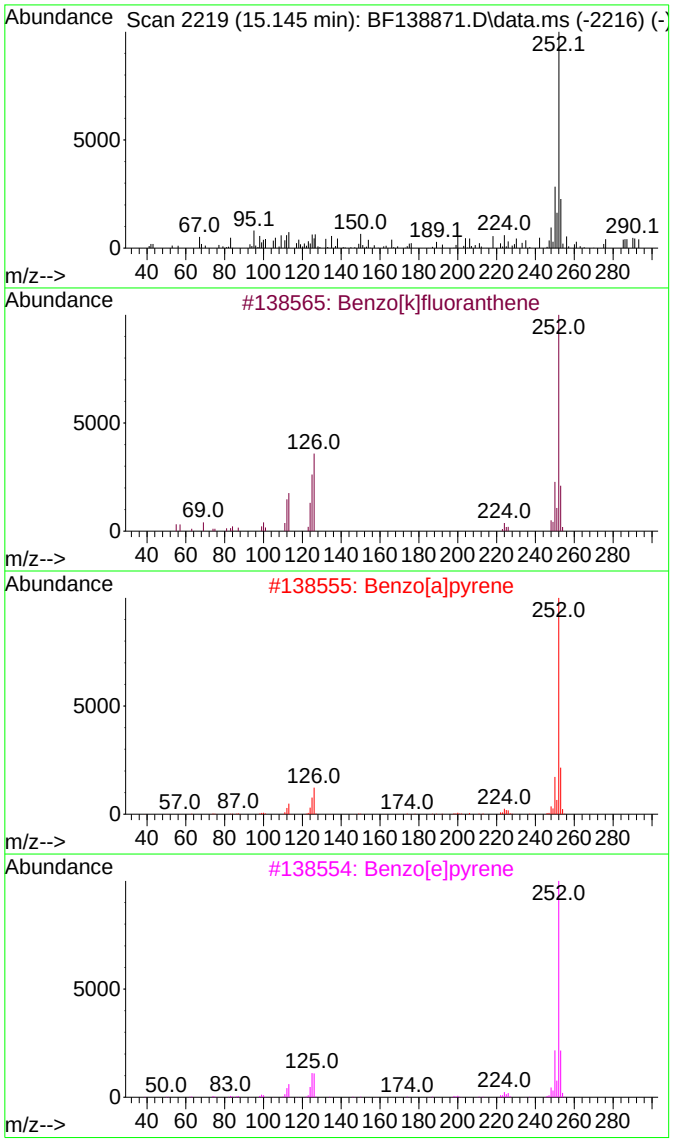
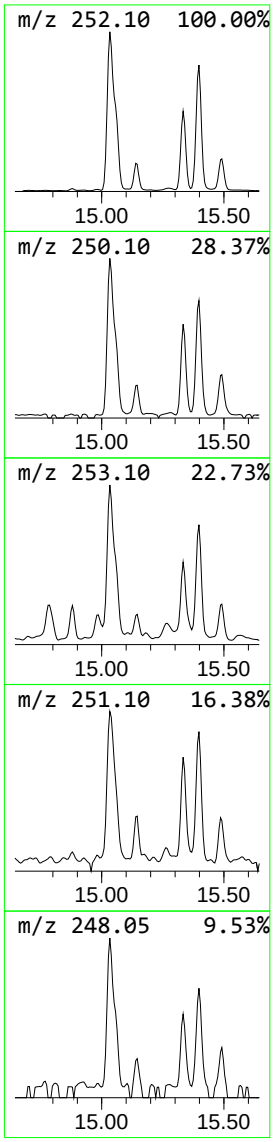
Peak Number 3 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	2.03 ng	26493	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
2	Benzo[a]pyrene	252	C20H12	000050-32-8	58
3	Benzo[e]pyrene	252	C20H12	000192-97-2	52
4	Perylene	252	C20H12	000198-55-0	52
5	Benzo[b]naphtho[2,3-d]thiophene,...	252	C17H16S	024964-06-5	50





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-080624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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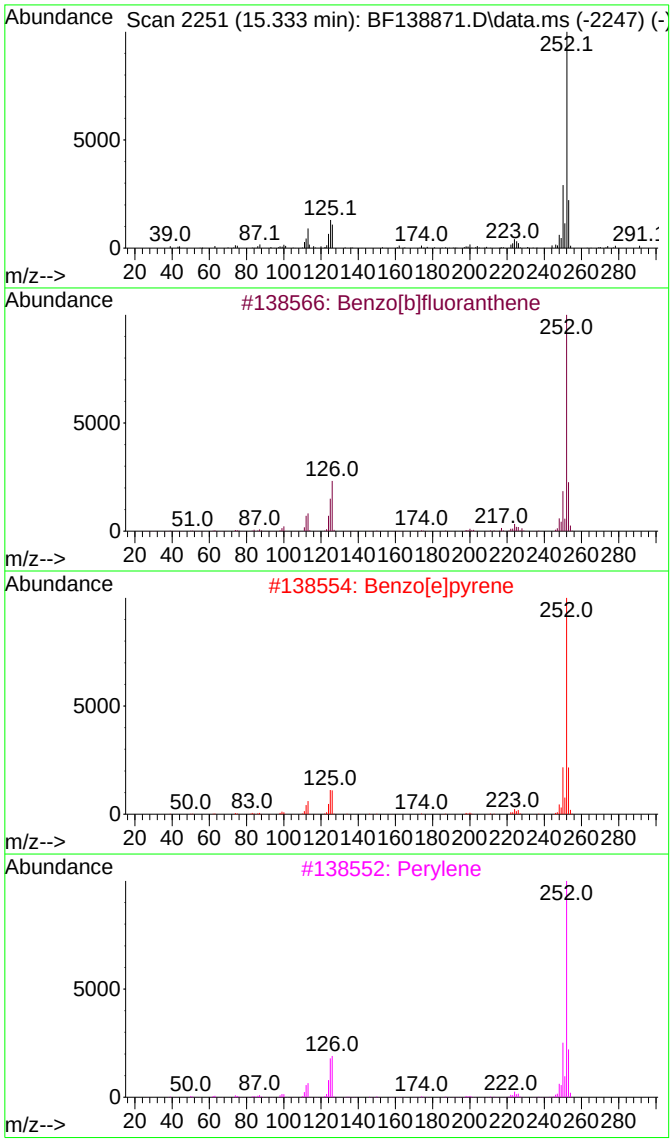
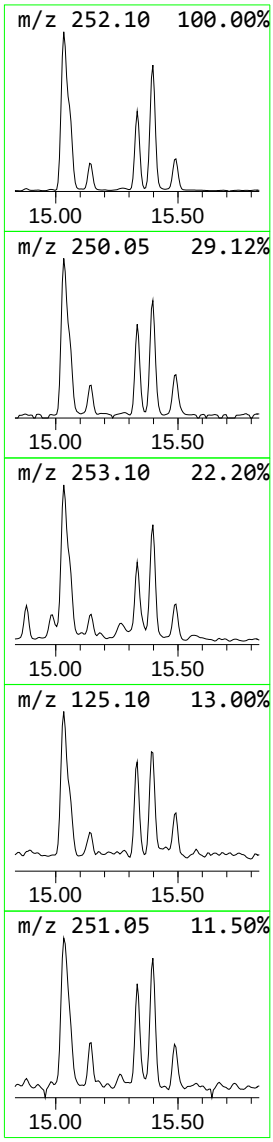
Peak Number 4 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	4.98 ng	65019	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Perylene	252	C20H12	000198-55-0	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





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
4H-Cyclopenta[d...	11.969	3.4	ng	57851	4	11.357	342950	20.0
11H-Benzo[b]flu...	13.121	2.6	ng	55602	5	13.992	434193	20.0
Benzo[e]pyrene	15.145	2.0	ng	26493	6	15.457	260937	20.0
Perylene	15.333	5.0	ng	65019	6	15.457	260937	20.0