LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144003.D
Acq On : 20 Oct 2025 17:25
Operator : RC/JU
Sample : Q3381-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-222

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: BF144003.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	483	495	509	rVB	81073	146475	6.66%	0.719%
2	5.498	556	562	583	rBV	1564264	2104679	95.75%	10.338%
3	6.504	727	733	756	rBV	1536009	2135639	97.16%	10.490%
4	6.881	792	797	802	rBV	450941	552797	25.15%	2.715%
5	7.440	886	892	903	rBV	1006068	1320922	60.10%	6.488%
6	8.163	1009	1015	1029	rBV	526027	704189	32.04%	3.459%
7	9.239	1192	1198	1208	rBV	1653580	2198028	100.00%	10.796%
8	9.922	1308	1314	1318	rBV	552183	737044	33.53%	3.620%
9	9.951	1318	1319	1325	rVB	32121	24851	1.13%	0.122%
10	10.128	1343	1349	1353	rBV	18818	25627	1.17%	0.126%
11	10.469	1402	1407	1412	rVB2	37774	46231	2.10%	0.227%
12	10.633	1425	1435	1443	rBV	209960	267182	12.16%	1.312%
13	10.710	1443	1448	1465	rBV	852642	1153544	52.48%	5.666%
14	10.945	1483	1488	1493	rVB	36210	46306	2.11%	0.227%
15	11.410	1562	1567	1569	rBV	533433	697013	31.71%	3.424%
16	11.433	1569	1571	1575	rVV	348656	388030	17.65%	1.906%
17	11.486	1575	1580	1584	rVB	74993	103847	4.72%	0.510%
18	11.645	1601	1607	1614	rBV	42345	74215	3.38%	0.365%
19	11.939	1648	1657	1661	rBV3	92255	188024	8.55%	0.924%
20	12.027	1668	1672	1680	rVB	70617	121936	5.55%	0.599%
21	12.210	1697	1703	1706	rBV	21755	32261	1.47%	0.158%
22	12.627	1768	1774	1779	rBV	463853	591738	26.92%	2.906%
23	12.857	1805	1813	1819	rBV	375364	592346	26.95%	2.909%
24	12.904	1819	1821	1826	rVB2	19606	24042	1.09%	0.118%
25	12.998	1829	1837	1845	rBV	1469469	1928442	87.74%	9.472%
26	13.074	1845	1850	1854	rBV2	24964	45805	2.08%	0.225%
27	13.186	1861	1869	1873	rBV	71927	121203	5.51%	0.595%
28	13.251	1873	1880	1883	rBV	72426	99889	4.54%	0.491%
29	13.286	1883	1886	1889	rBV	24599	32673	1.49%	0.160%
30	13.416	1905	1908	1915	rVV6	20170	34358	1.56%	0.169%
31	13.539	1925	1929	1933	rBV	85289	111439	5.07%	0.547%
32	13.692	1948	1955	1960	rBV2	23769	57177	2.60%	0.281%
33	13.810	1970	1975	1977	rBV3	33266	50520	2.30%	0.248%
34	13.904	1988	1991	2000	rVB4	29277	58594	2.67%	0.288%
35	14.057	2009	2017	2028	rBV3	599128	1272405	57.89%	6.250%
36	14.163	2031	2035	2038	rBV	33885	49154	2.24%	0.241%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
VNJ-222

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

37	14.445	2080	2083	2086	rVV	35099	47155	2.15%	0.232%
38	14.480	2086	2089	2092	rVV3	19493	25708	1.17%	0.126%
39	14.686	2120	2124	2129	rBV	81883	134662	6.13%	0.661%
40	15.110	2190	2196	2204	rBV	194618	443429	20.17%	2.178%
41	15.174	2204	2207	2211	rVV3	31211	44417	2.02%	0.218%
42	15.216	2211	2214	2218	rVB	30578	36358	1.65%	0.179%
43	15.415	2243	2248	2254	rVV	103594	159770	7.27%	0.785%
44	15.480	2254	2259	2264	rVV	140718	217654	9.90%	1.069%
45	15.545	2264	2270	2285	rVB	430559	774429	35.23%	3.804%
46	16.010	2346	2349	2357	rVB2	25123	41894	1.91%	0.206%
47	16.839	2485	2490	2493	rBV5	12728	26821	1.22%	0.132%
48	17.039	2518	2524	2534	rVB2	64512	143283	6.52%	0.704%
49	17.492	2594	2601	2612	rBV	46004	125055	5.69%	0.614%

Sum of corrected areas: 20359260

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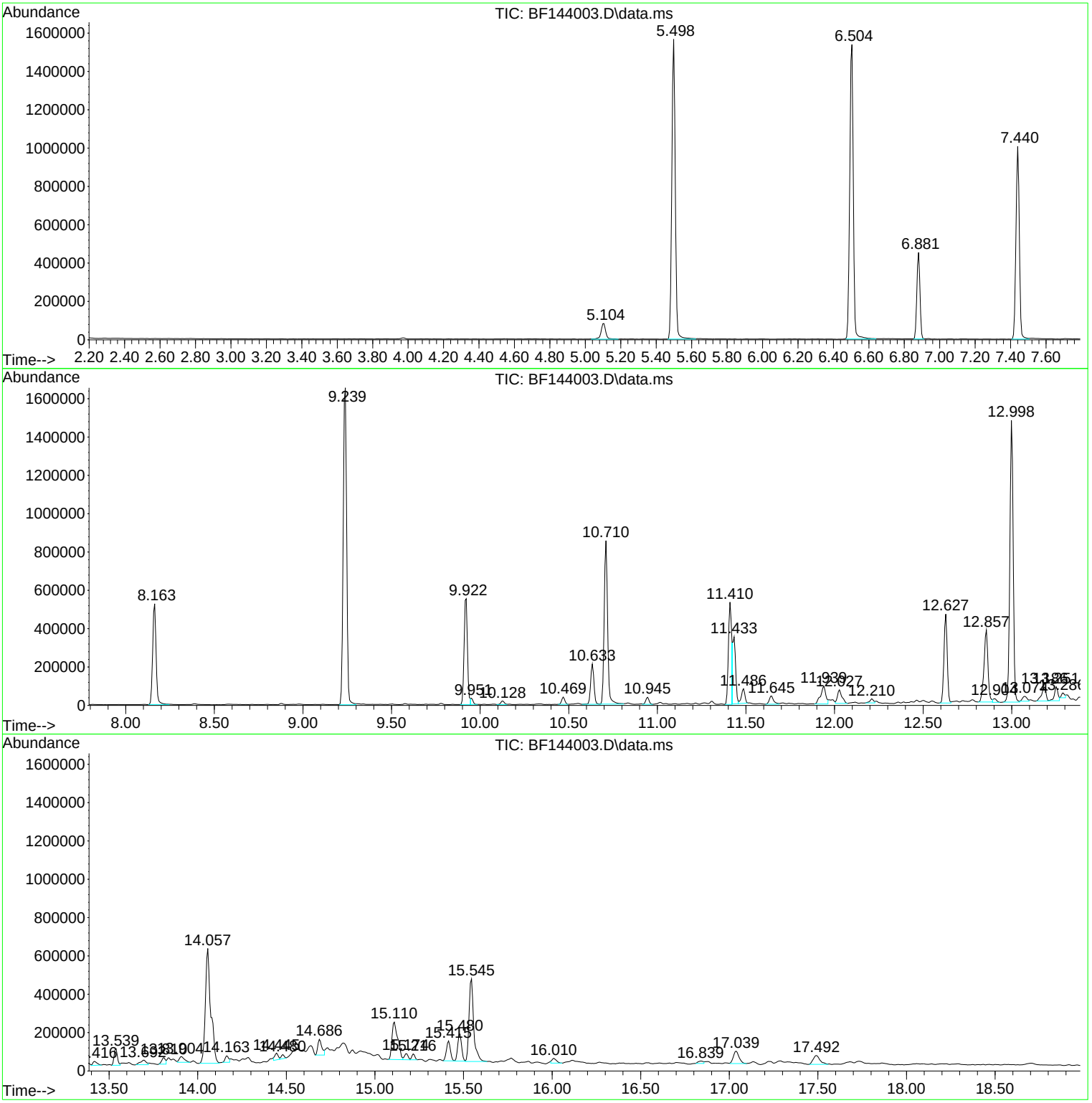
Instrument :
BNA_F
ClientSampleId :
VNJ-222

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144003.D
Acq On : 20 Oct 2025 17:25
Operator : RC/JU
Sample : Q3381-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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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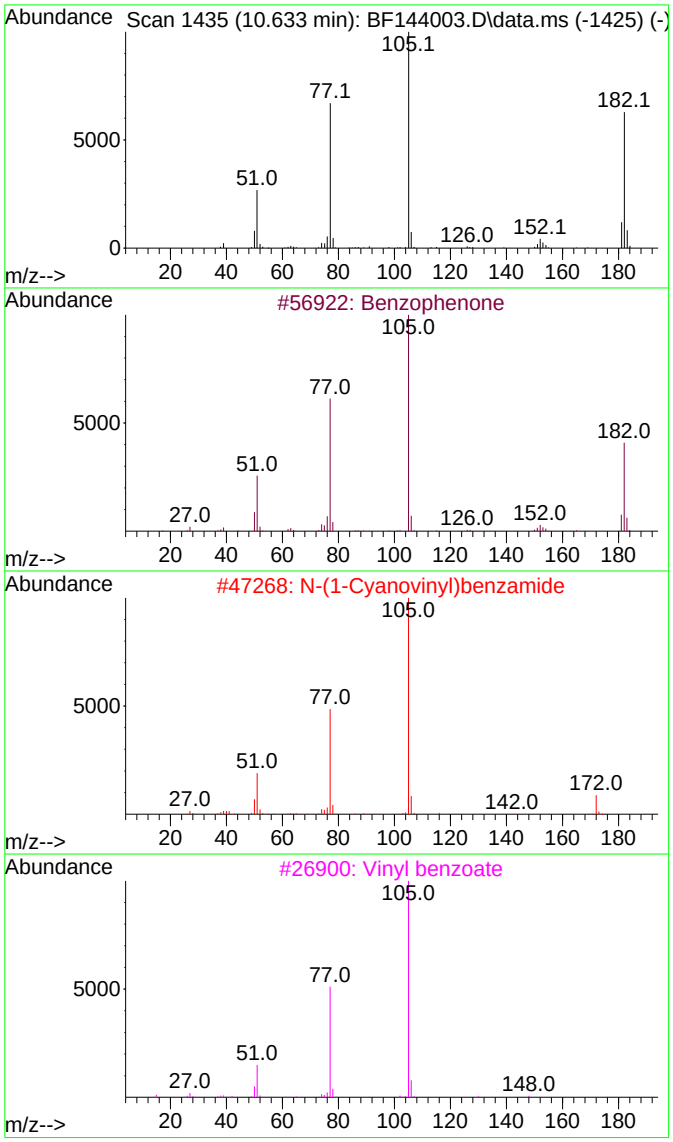
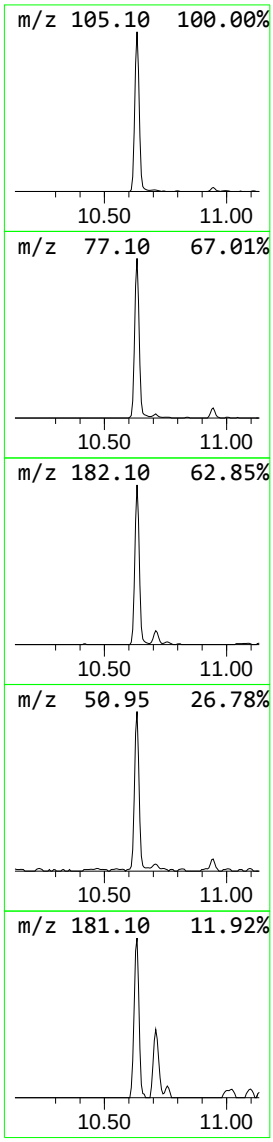
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	7.25 ng	267182	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	Benzilic acid	228	C14H12O3	000076-93-7	47





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Operator : RC/JU
Sample : Q3381-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
VNJ-222

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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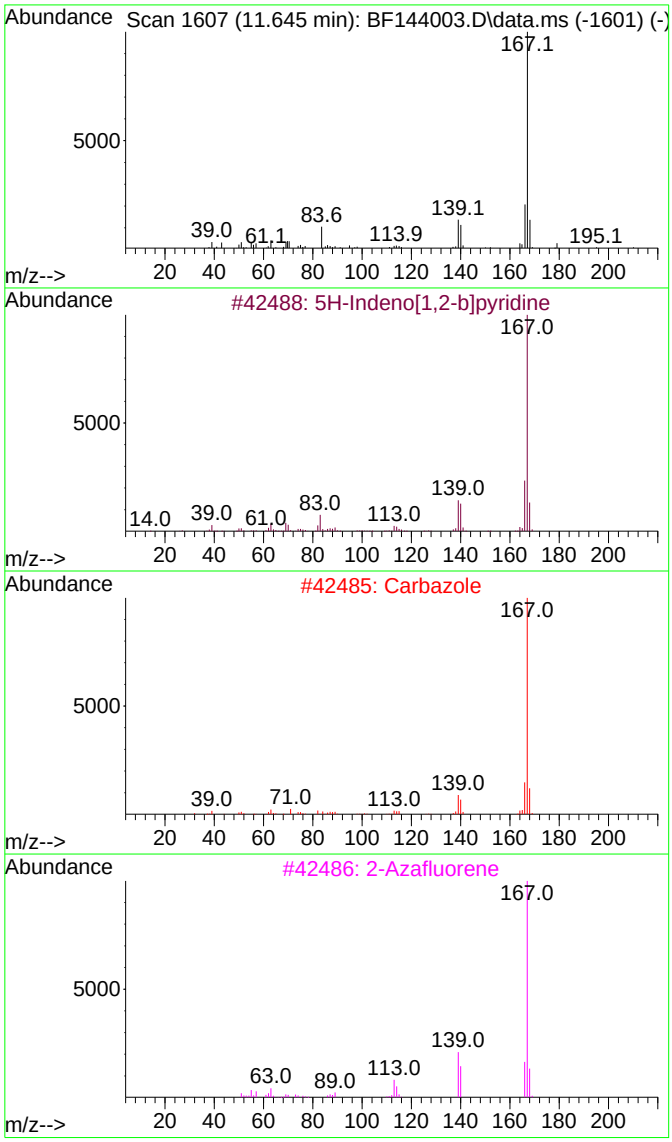
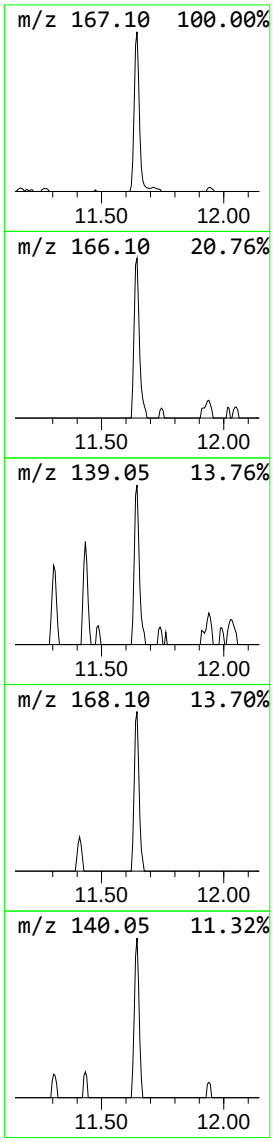
Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	2.13 ng	74215	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	Carbazole	167	C12H9N	000086-74-8	93
3	2-Azafluorene	167	C12H9N	000244-40-6	80
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144003.D
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Operator : RC/JU
Sample : Q3381-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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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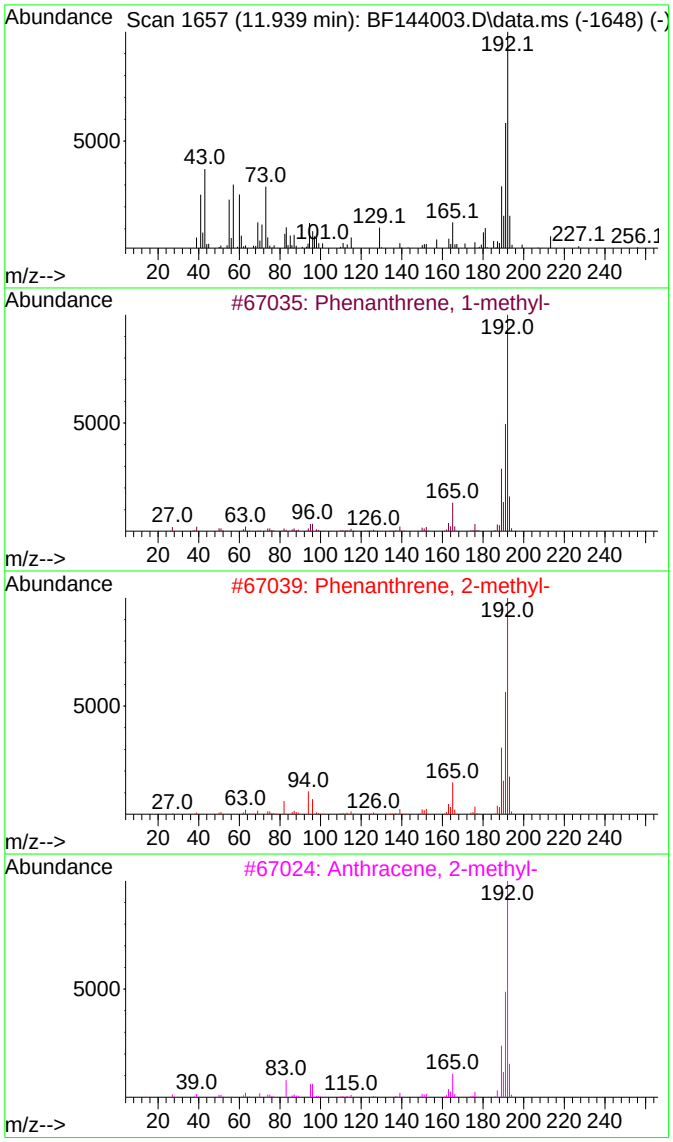
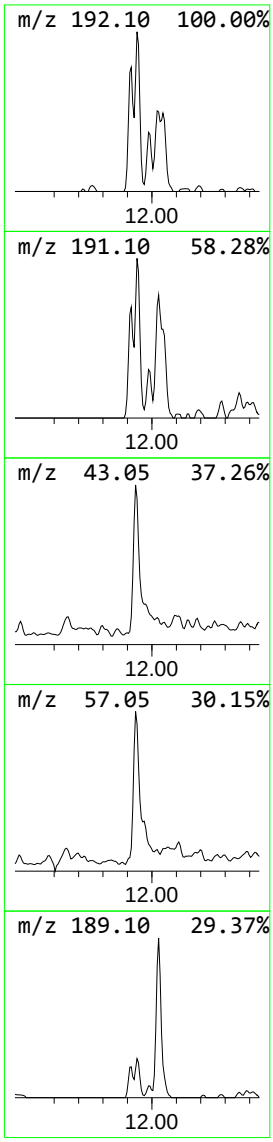
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	5.40 ng	188024	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : Q3381-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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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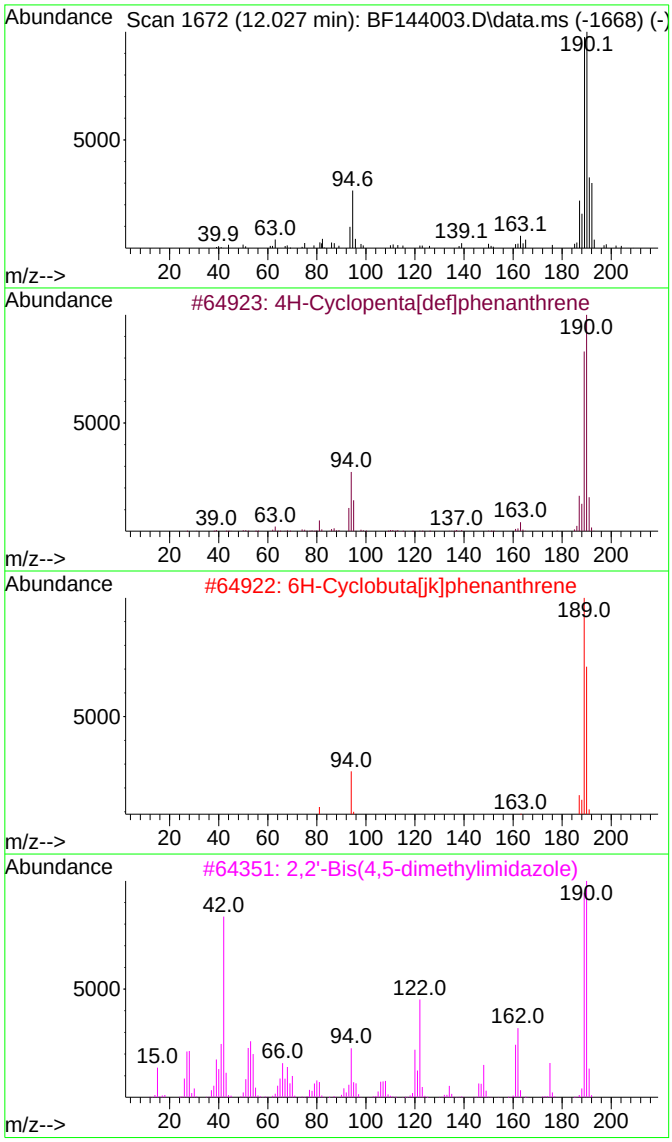
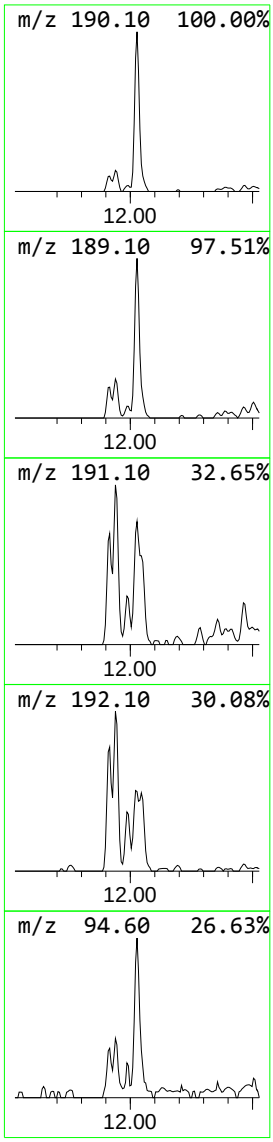
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	3.50 ng	121936	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	33





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Sample : Q3381-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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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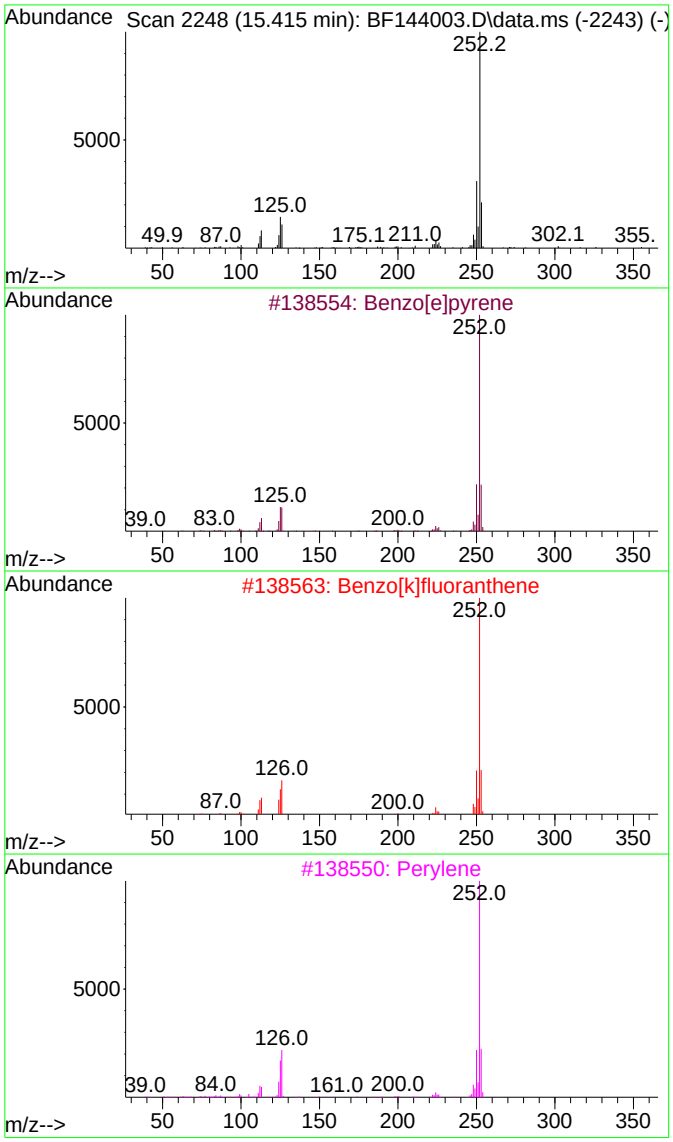
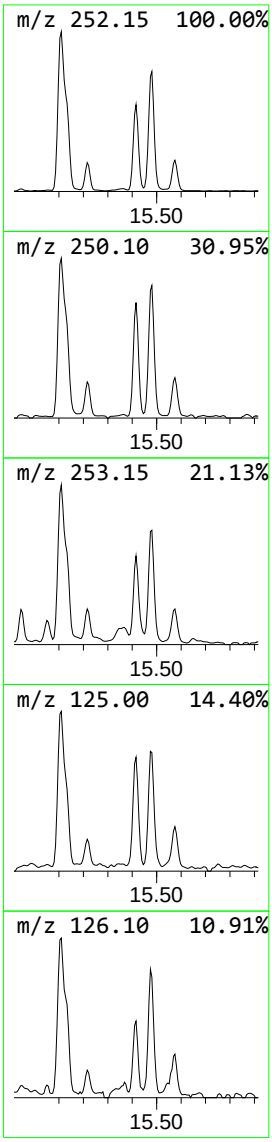
Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	4.13 ng	159770	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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ALS Vial : 8 Sample Multiplier: 1

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BNA_F
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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	7.3	ng	267182	3	9.922	737044	20.0
5H-Indeno[1,2-b...	11.645	2.1	ng	74215	4	11.410	697013	20.0
Phenanthrene, 1...	11.939	5.4	ng	188024	4	11.410	697013	20.0
4H-Cyclopenta[d...	12.028	3.5	ng	121936	4	11.410	697013	20.0
Benzo[e]pyrene	15.416	4.1	ng	159770	6	15.545	774429	20.0