LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139313.D
Acq On : 10 Sep 2024 22:00
Operator : RC/JU
Sample : P3916-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-090924

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	5	11	18	rVB	256894	387256	43.40%	3.863%
2	3.957	311	317	322	rVB2	5670	9588	1.07%	0.096%
3	5.087	505	509	515	rVB	20559	27524	3.08%	0.275%
4	5.492	573	578	585	rBV	308943	385715	43.23%	3.848%
5	6.504	745	750	758	rBV	321308	387880	43.47%	3.870%
6	6.886	810	815	820	rVB	589366	707217	79.26%	7.055%
7	7.445	899	910	914	rBV	194639	248807	27.88%	2.482%
8	7.698	949	953	960	rVB3	9323	11837	1.33%	0.118%
9	8.169	1023	1033	1041	rBV	707497	892300	100.00%	8.902%
10	8.880	1150	1154	1159	rVB	21647	25740	2.88%	0.257%
11	8.980	1166	1171	1175	rBV	20771	25642	2.87%	0.256%
12	9.239	1210	1215	1221	rBV	339239	420975	47.18%	4.200%
13	9.322	1225	1229	1238	rBV4	7615	14372	1.61%	0.143%
14	9.439	1245	1249	1254	rVB	7415	10068	1.13%	0.100%
15	9.510	1256	1261	1265	rBV	15562	23777	2.66%	0.237%
16	9.580	1269	1273	1276	rBV	20896	28997	3.25%	0.289%
17	9.698	1289	1293	1299	rBV	9652	13946	1.56%	0.139%
18	9.851	1313	1319	1324	rVB4	6398	12205	1.37%	0.122%
19	9.922	1324	1331	1335	rBV	645978	811522	90.95%	8.096%
20	9.957	1335	1337	1345	rVB	52728	56019	6.28%	0.559%
21	10.027	1345	1349	1353	rBV2	8179	11127	1.25%	0.111%
22	10.127	1361	1366	1370	rBV2	44284	56897	6.38%	0.568%
23	10.163	1370	1372	1377	rVB2	8902	11063	1.24%	0.110%
24	10.351	1395	1404	1408	rBV5	9935	22486	2.52%	0.224%
25	10.469	1419	1424	1430	rBV	76924	97814	10.96%	0.976%
26	10.557	1436	1439	1446	rVB5	8636	15290	1.71%	0.153%
27	10.633	1447	1452	1456	rVB2	38178	52061	5.83%	0.519%
28	10.704	1459	1464	1469	rBV	142720	190519	21.35%	1.901%
29	10.827	1481	1485	1491	rBV2	16306	25330	2.84%	0.253%
30	11.016	1513	1517	1520	rBV2	10555	16503	1.85%	0.165%
31	11.169	1535	1543	1546	rBV7	6006	14308	1.60%	0.143%
32	11.274	1557	1561	1563	rBV2	9201	12483	1.40%	0.125%
33	11.304	1563	1566	1574	rVB	27455	34805	3.90%	0.347%
34	11.410	1579	1584	1586	rBV	542292	716020	80.24%	7.143%
35	11.433	1586	1588	1592	rVV	335924	354073	39.68%	3.532%
36	11.480	1592	1596	1601	rVB	81933	101449	11.37%	1.012%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
SU-04-090924

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.639	1619	1623	1629	rVB	19738	28550	3.20%	0.285%
38	11.704	1630	1634	1637	rBV2	13837	17600	1.97%	0.176%
39	11.739	1637	1640	1645	rVB3	7398	11466	1.28%	0.114%
40	11.821	1651	1654	1658	rVB2	6523	9153	1.03%	0.091%
41	11.933	1665	1673	1678	rBV2	51276	105483	11.82%	1.052%
42	11.986	1678	1682	1684	rVV	11895	15561	1.74%	0.155%
43	12.021	1684	1688	1696	rVB	78460	125124	14.02%	1.248%
44	12.110	1699	1703	1706	rBV	15973	20410	2.29%	0.204%
45	12.204	1716	1719	1729	rBV3	19031	37032	4.15%	0.369%
46	12.351	1739	1744	1747	rBV5	8749	16499	1.85%	0.165%
47	12.392	1747	1751	1757	rVB3	12500	23257	2.61%	0.232%
48	12.457	1758	1762	1765	rBV	24913	35228	3.95%	0.351%
49	12.498	1765	1769	1774	rVB	31835	48730	5.46%	0.486%
50	12.621	1785	1790	1795	rBV	418443	515210	57.74%	5.140%
51	12.716	1803	1806	1810	rBV4	10912	16358	1.83%	0.163%
52	12.774	1813	1816	1819	rBV	16256	20959	2.35%	0.209%
53	12.851	1822	1829	1835	rBV	335948	525805	58.93%	5.246%
54	12.992	1848	1853	1860	rVB	254358	341504	38.27%	3.407%
55	13.174	1881	1884	1888	rVB	53608	67141	7.52%	0.670%
56	13.239	1890	1895	1899	rVV3	58169	104694	11.73%	1.044%
57	13.280	1899	1902	1910	rVB3	25817	43603	4.89%	0.435%
58	13.568	1948	1951	1955	rBV2	35242	47698	5.35%	0.476%
59	13.898	2004	2007	2015	rVB	52682	78906	8.84%	0.787%
60	14.045	2027	2032	2043	rVB2	492697	876977	98.28%	8.749%
61	15.092	2206	2210	2219	rVB	108250	234214	26.25%	2.337%
62	15.457	2269	2272	2278	rBV	68254	96326	10.80%	0.961%
63	15.521	2279	2283	2288	rBV	206654	326726	36.62%	3.259%

Sum of corrected areas: 10023829

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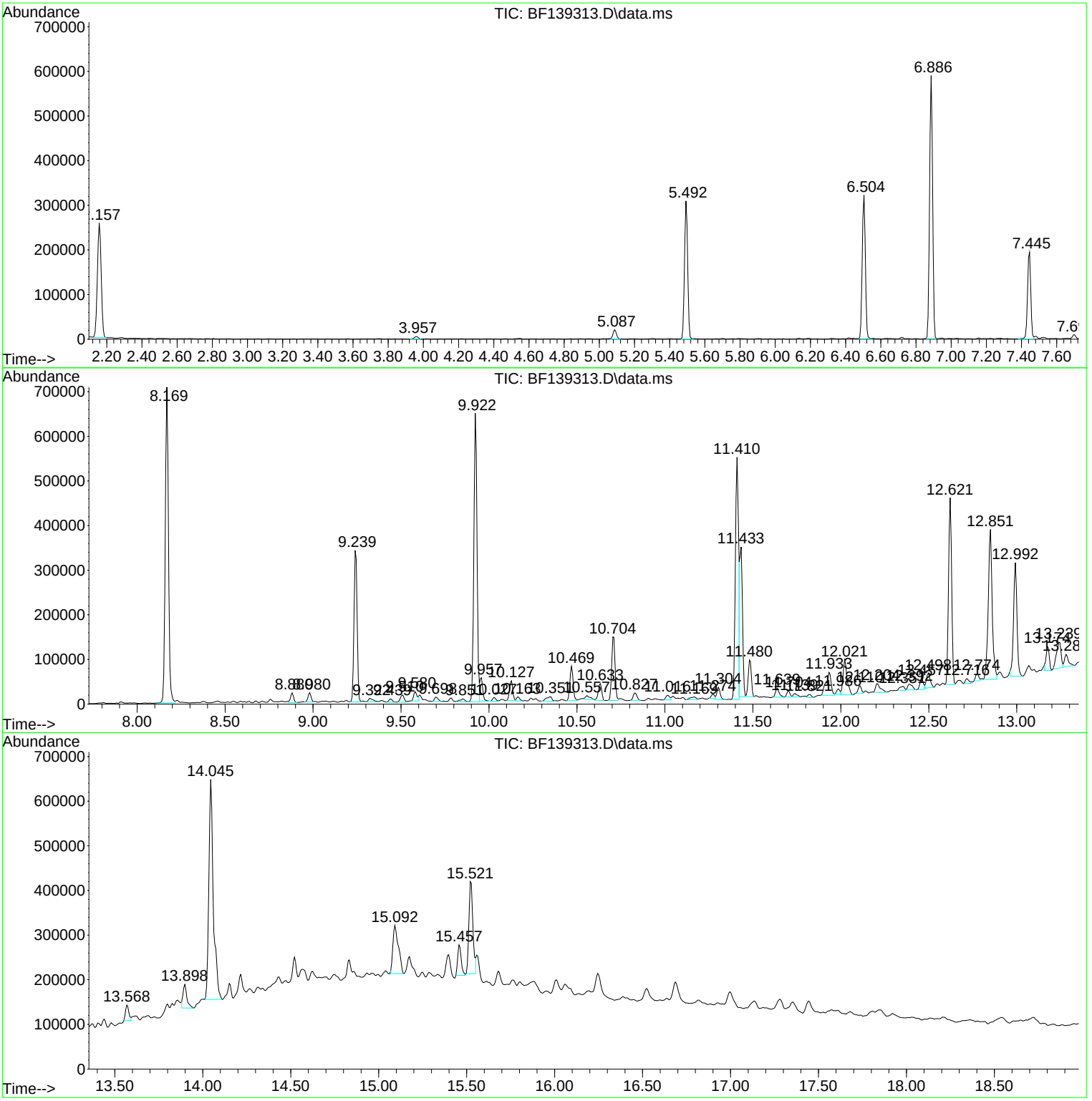
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-090924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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\BF091024\
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Acq On : 10 Sep 2024 22:00
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SU-04-090924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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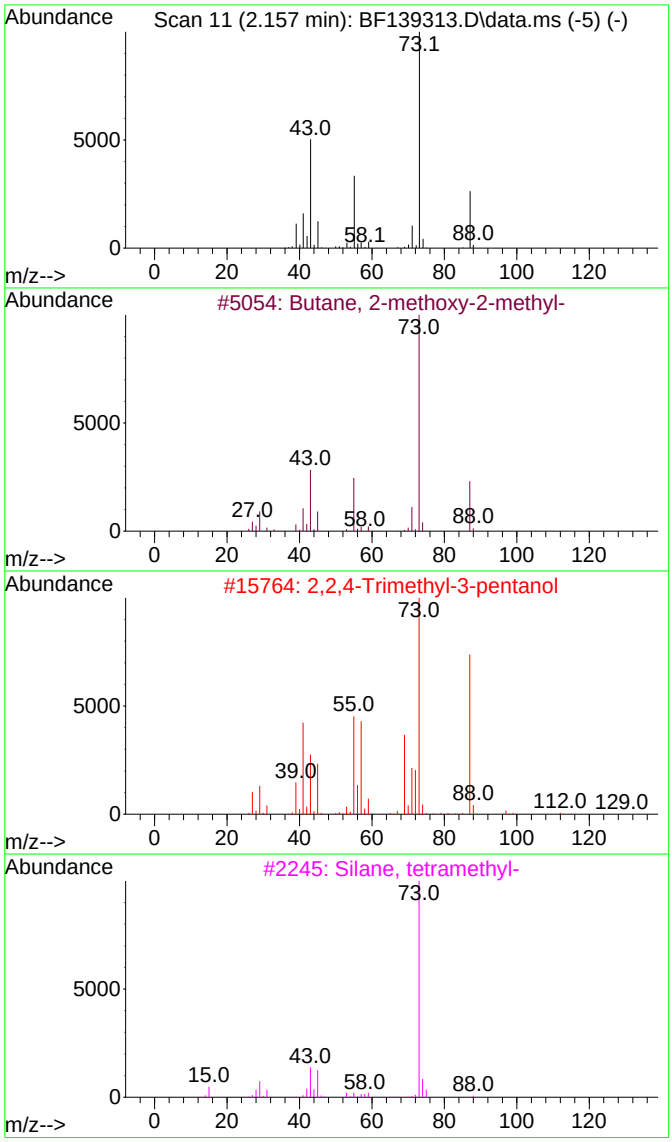
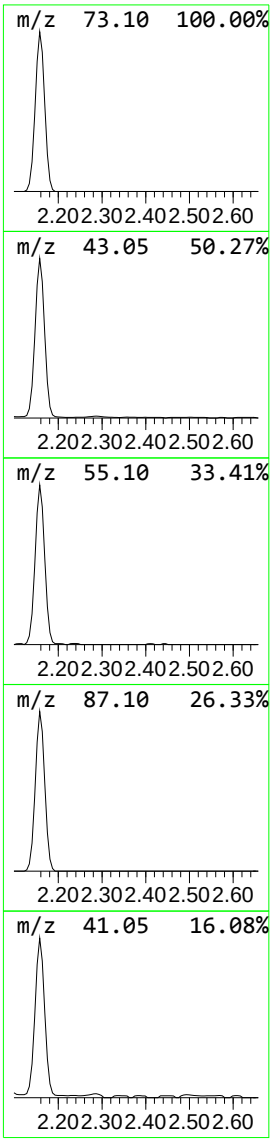
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	10.95 ng	387256	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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BNA_F
ClientSampleId :
SU-04-090924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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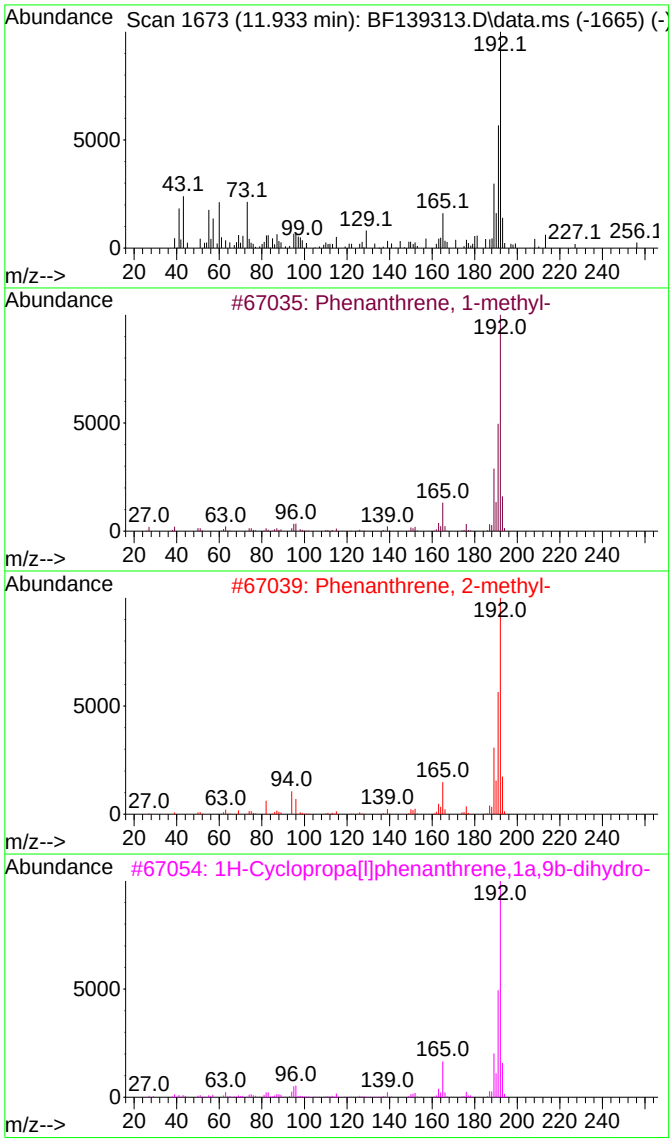
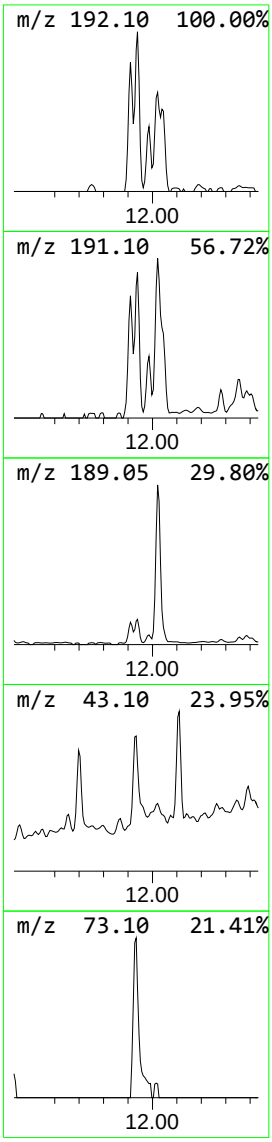
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.95 ng	105483	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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : RC/JU
Sample : P3916-01 5X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-090924

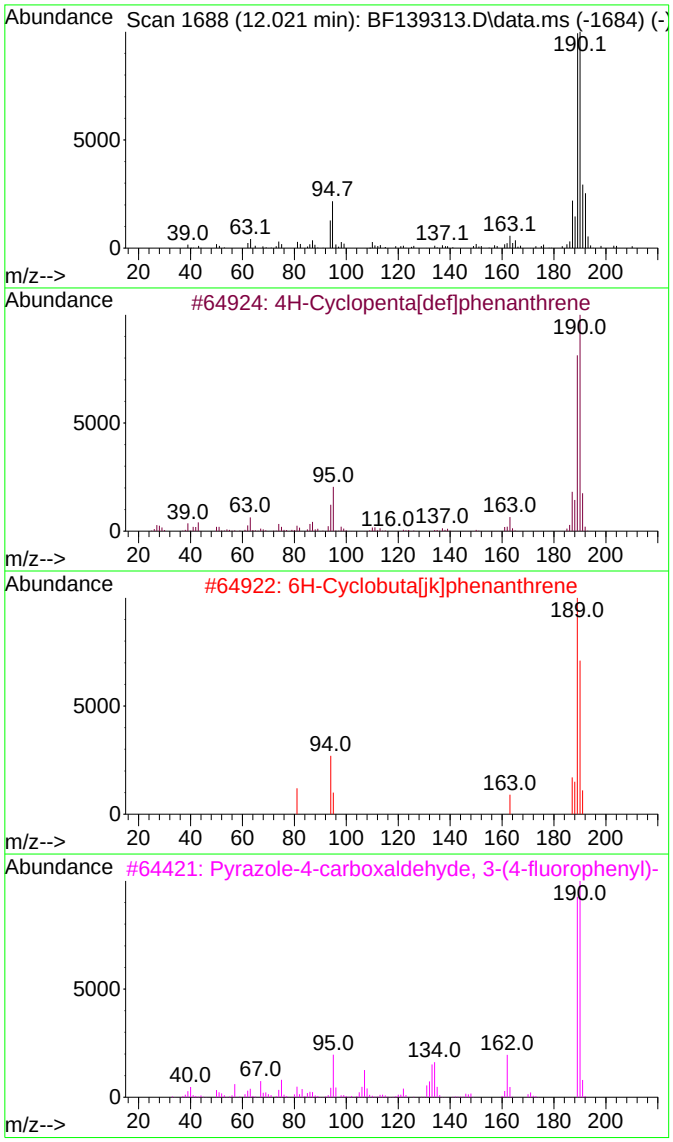
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

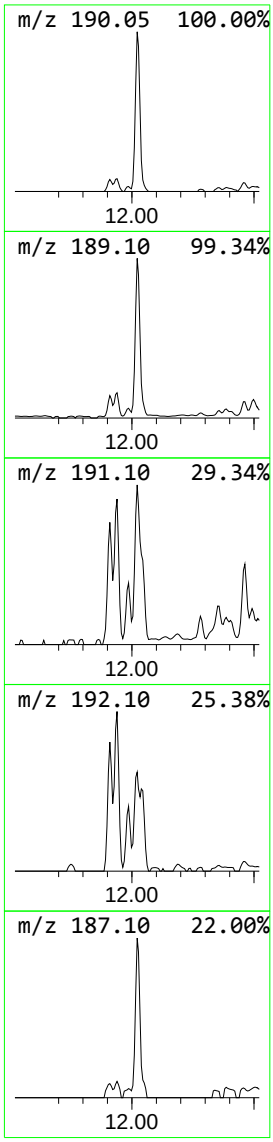
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	3.49 ng	125124	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-090924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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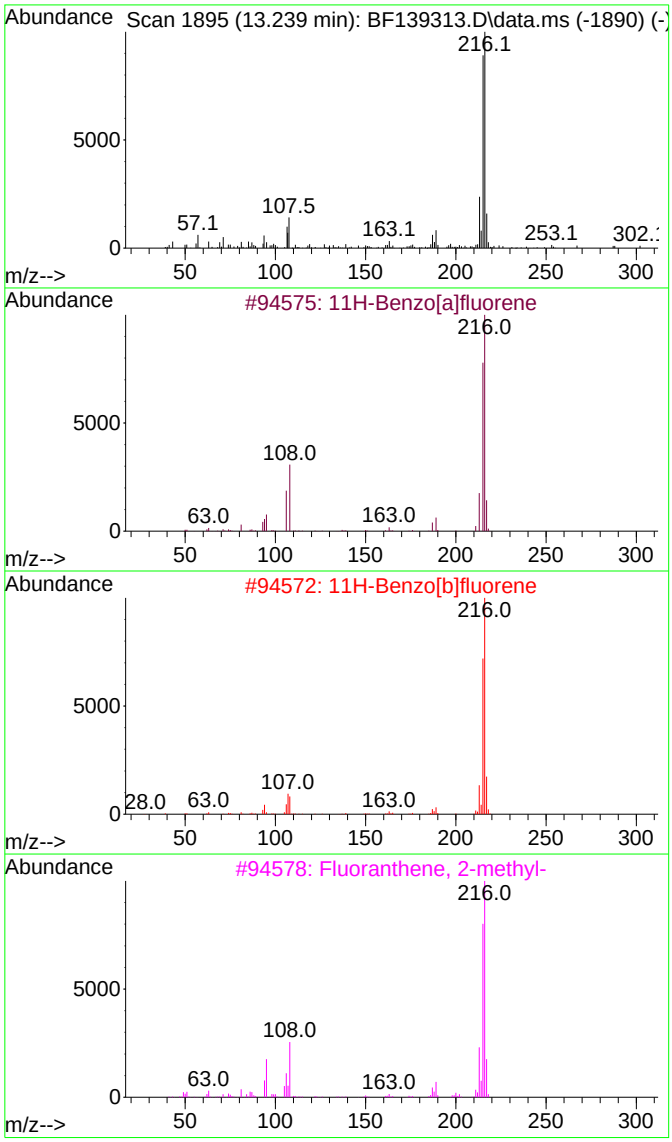
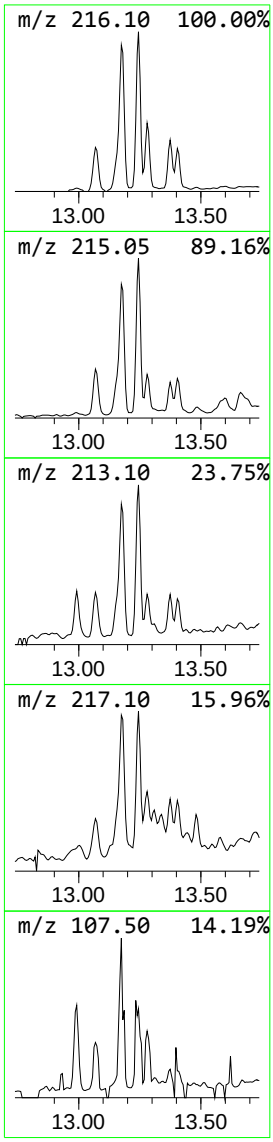
Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.39 ng	104694	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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
Butane, 2-metho...	2.157	10.9	ng	387256	1	6.886	707217	20.0
Phenanthrene, 1...	11.933	3.0	ng	105483	4	11.410	716020	20.0
4H-Cyclopenta[d...	12.021	3.5	ng	125124	4	11.410	716020	20.0
11H-Benzo[a]flu...	13.239	2.4	ng	104694	5	14.045	876977	20.0