LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123351.D
Acq On : 2 Mar 2021 23:05
Operator : JU/CG
Sample : M1525-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-030121

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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	572	575	586	rBV	154100	213099	17.11%	1.682%
2	6.487	745	748	757	rBV	129536	209138	16.79%	1.651%
3	6.851	806	810	819	rBV	1028366	841120	67.55%	6.640%
4	7.410	902	905	917	rBV	111663	149584	12.01%	1.181%
5	8.134	1025	1028	1048	rVB	1217754	1130293	90.77%	8.923%
6	8.951	1163	1167	1172	rBV	26565	27386	2.20%	0.216%
7	9.210	1208	1211	1221	rBV	281087	268356	21.55%	2.119%
8	9.481	1252	1257	1260	rBV2	13731	17796	1.43%	0.140%
9	9.551	1266	1269	1272	rBV	34979	34188	2.75%	0.270%
10	9.616	1276	1280	1285	rVB3	22940	33099	2.66%	0.261%
11	9.669	1285	1289	1294	rBV	22319	27959	2.25%	0.221%
12	9.751	1300	1303	1307	rBV	59644	59550	4.78%	0.470%
13	9.892	1321	1327	1331	rBV	1318113	1235535	99.22%	9.754%
14	9.928	1331	1333	1343	rVB	80768	99656	8.00%	0.787%
15	10.098	1357	1362	1366	rBV2	34829	41292	3.32%	0.326%
16	10.139	1366	1369	1373	rVB2	20243	19959	1.60%	0.158%
17	10.210	1378	1381	1384	rBV2	23007	28055	2.25%	0.221%
18	10.304	1392	1397	1398	rBV3	17062	20464	1.64%	0.162%
19	10.445	1418	1421	1426	rVB	82988	91225	7.33%	0.720%
20	10.551	1436	1439	1443	rVB3	13708	16986	1.36%	0.134%
21	10.598	1444	1447	1451	rVB3	16712	16816	1.35%	0.133%
22	10.686	1456	1462	1473	rBV2	165085	206212	16.56%	1.628%
23	10.810	1478	1483	1489	rVB3	38171	49856	4.00%	0.394%
24	10.898	1493	1498	1500	rBV3	21488	24262	1.95%	0.192%
25	10.986	1510	1513	1517	rBV2	149057	141123	11.33%	1.114%
26	11.022	1517	1519	1522	rVB	28548	22486	1.81%	0.178%
27	11.075	1526	1528	1532	rVB2	23007	18197	1.46%	0.144%
28	11.122	1532	1536	1538	rBV5	14769	18796	1.51%	0.148%
29	11.251	1554	1558	1561	rBV5	20315	36990	2.97%	0.292%
30	11.280	1561	1563	1570	rVB	81711	76230	6.12%	0.602%
31	11.386	1577	1581	1583	rBV	1466643	1245263	100.00%	9.831%
32	11.410	1583	1585	1589	rVV	526970	432989	34.77%	3.418%
33	11.463	1591	1594	1597	rVV	106155	100582	8.08%	0.794%
34	11.492	1597	1599	1602	rVV2	30525	35318	2.84%	0.279%
35	11.622	1618	1621	1626	rBV	44869	55058	4.42%	0.435%
36	11.680	1629	1631	1633	rVB2	24056	15971	1.28%	0.126%

LSC Area Percent Report

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Sample : M1525-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-030121

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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.716	1634	1637	1643	rVB	45626	53798	4.32%	0.425%
38	11.804	1649	1652	1656	rVB	30449	37571	3.02%	0.297%
39	11.845	1656	1659	1660	rBV3	17308	16745	1.34%	0.132%
40	11.886	1663	1666	1669	rBV	108524	114994	9.23%	0.908%
41	11.916	1669	1671	1676	rVB	162214	134525	10.80%	1.062%
42	11.963	1677	1679	1682	rVV	28979	26423	2.12%	0.209%
43	11.998	1682	1685	1688	rVV2	163542	180482	14.49%	1.425%
44	12.022	1688	1689	1693	rVB	75864	54486	4.38%	0.430%
45	12.122	1704	1706	1708	rBV3	44839	45054	3.62%	0.356%
46	12.145	1708	1710	1712	rVV2	45440	41340	3.32%	0.326%
47	12.186	1714	1717	1719	rVV2	57466	63803	5.12%	0.504%
48	12.222	1719	1723	1726	rVB2	94493	116144	9.33%	0.917%
49	12.316	1736	1739	1741	rBV3	58008	60127	4.83%	0.475%
50	12.363	1745	1747	1750	rBV	69211	59572	4.78%	0.470%
51	12.439	1757	1760	1762	rBV	115491	109261	8.77%	0.863%
52	12.474	1762	1766	1768	rVV3	88140	114404	9.19%	0.903%
53	12.498	1768	1770	1773	rVB3	75716	78670	6.32%	0.621%
54	12.527	1773	1775	1777	rBV2	25666	26440	2.12%	0.209%
55	12.574	1778	1783	1785	rBV2	177107	211587	16.99%	1.670%
56	12.604	1785	1788	1792	rVB	369385	324939	26.09%	2.565%
57	12.645	1792	1795	1796	rBV3	80082	68496	5.50%	0.541%
58	12.704	1802	1805	1808	rBV2	72840	83115	6.67%	0.656%
59	12.757	1812	1814	1822	rVB4	52870	91122	7.32%	0.719%
60	12.833	1822	1827	1832	rBV	437956	494146	39.68%	3.901%
61	12.880	1832	1835	1841	rVB2	104358	138685	11.14%	1.095%
62	12.974	1848	1851	1858	rVB	317744	373932	30.03%	2.952%
63	13.051	1861	1864	1870	rVV4	49483	89075	7.15%	0.703%
64	13.163	1880	1883	1886	rVB	117125	117239	9.41%	0.926%
65	13.269	1898	1901	1905	rBV	80291	98787	7.93%	0.780%
66	13.421	1925	1927	1931	rVB5	69792	65982	5.30%	0.521%
67	13.674	1967	1970	1974	rVB3	145680	161045	12.93%	1.271%
68	14.039	2027	2032	2035	rBV	958884	1012673	81.32%	7.995%
69	15.521	2280	2284	2293	rVB	663767	941116	75.58%	7.430%

Sum of corrected areas: 12666667

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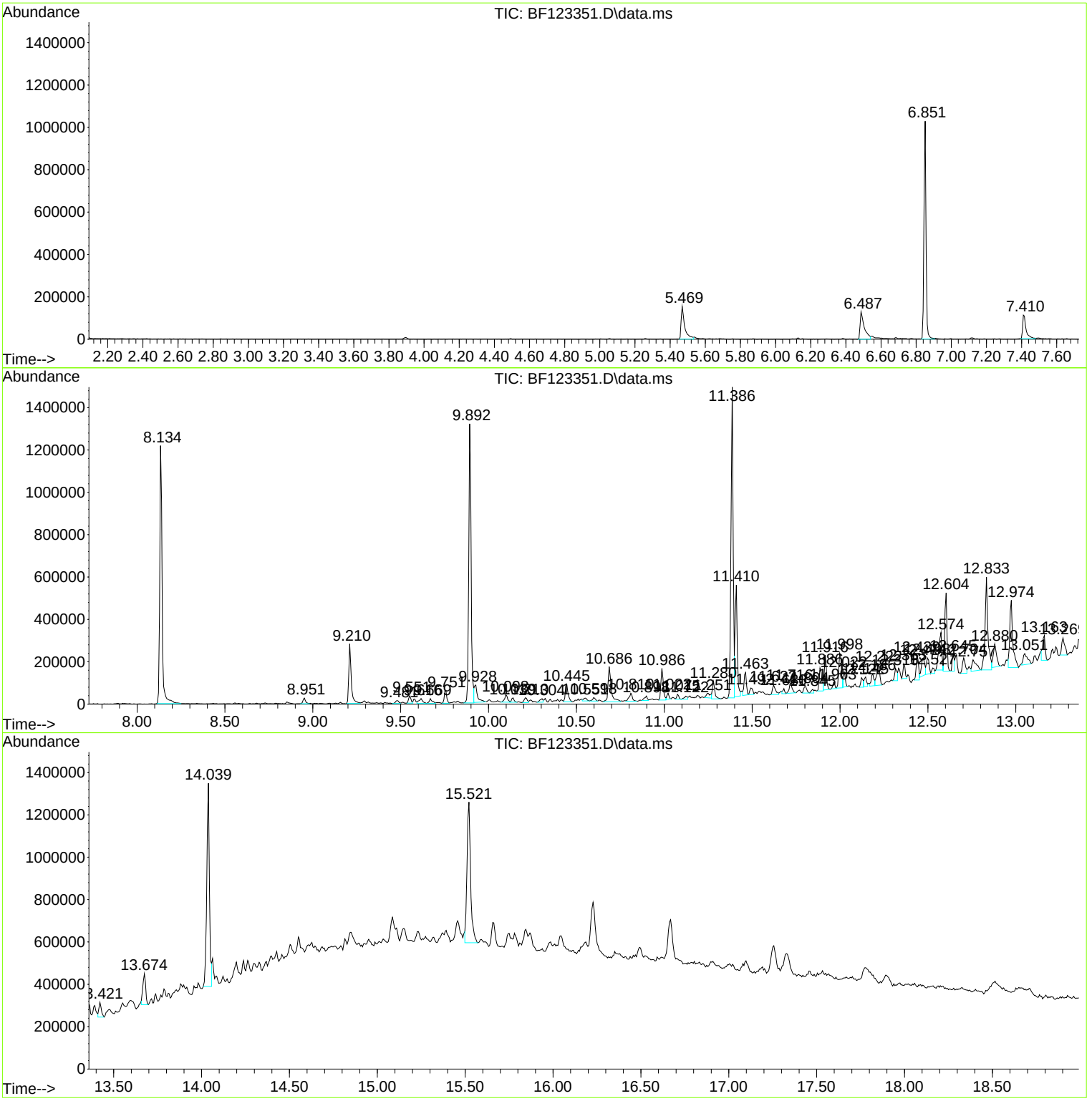
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-030121

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
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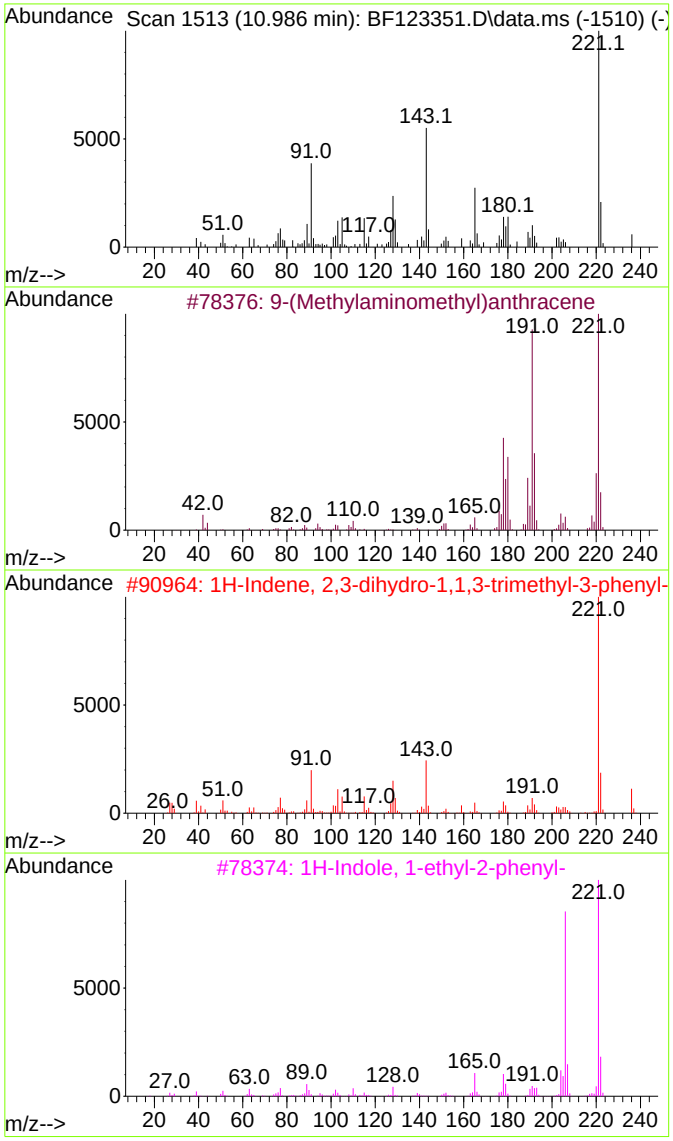
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

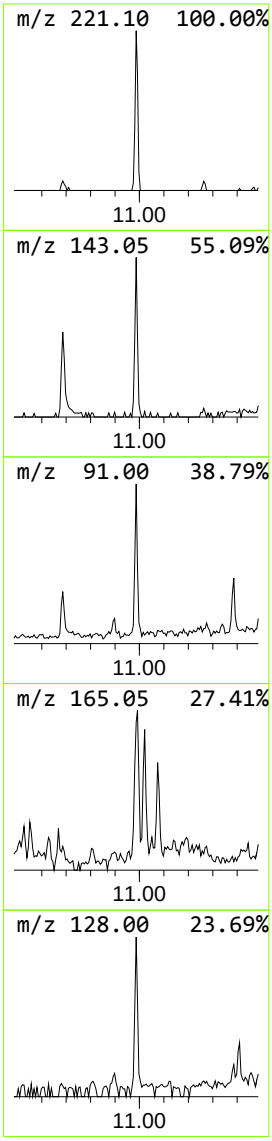
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 9-(Methylaminomethyl)anthra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	2.27 ng	141123	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Methylaminomethyl)anthracene	221	C16H15N	073356-19-1	60
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	53
3	1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N	013228-39-2	49
4	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	46
5	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	43





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Operator : JU/CG
Sample : M1525-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-030121

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

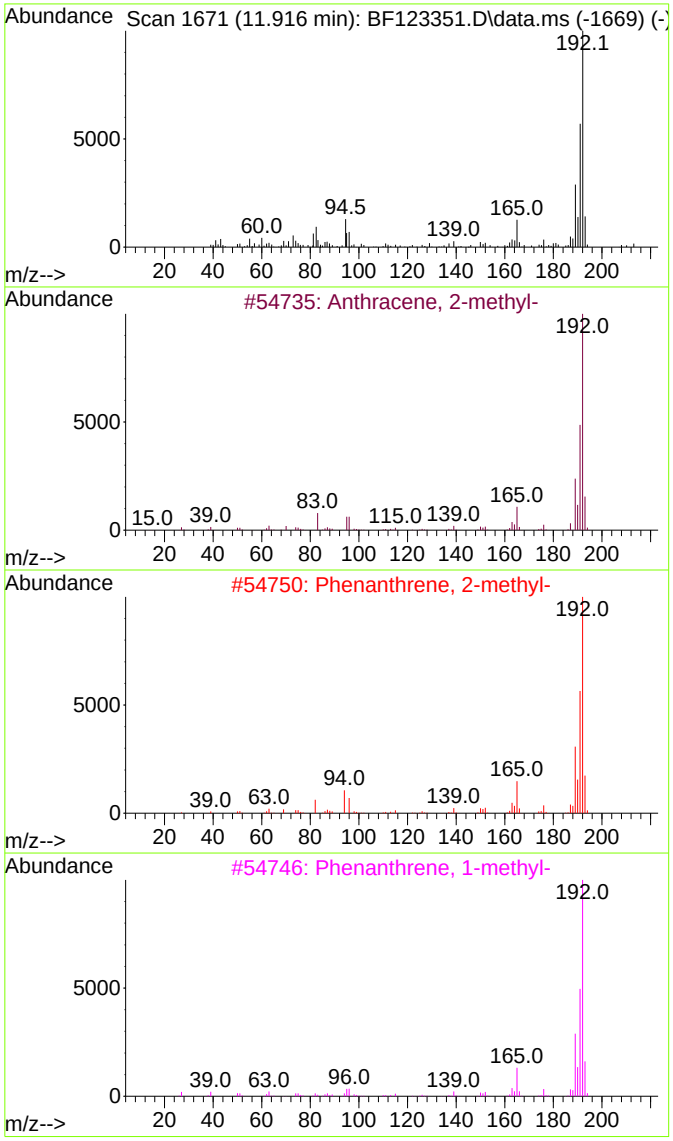
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

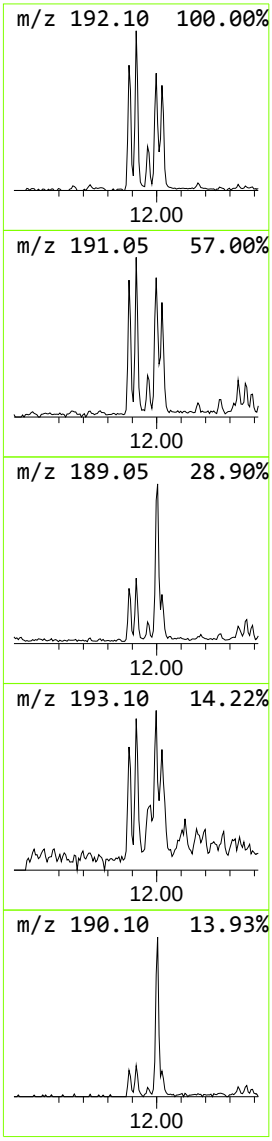
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.16 ng	134525	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
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Acq On : 2 Mar 2021 23:05
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Misc :
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Instrument :
BNA_F
ClientSampleId :
OK-01-030121

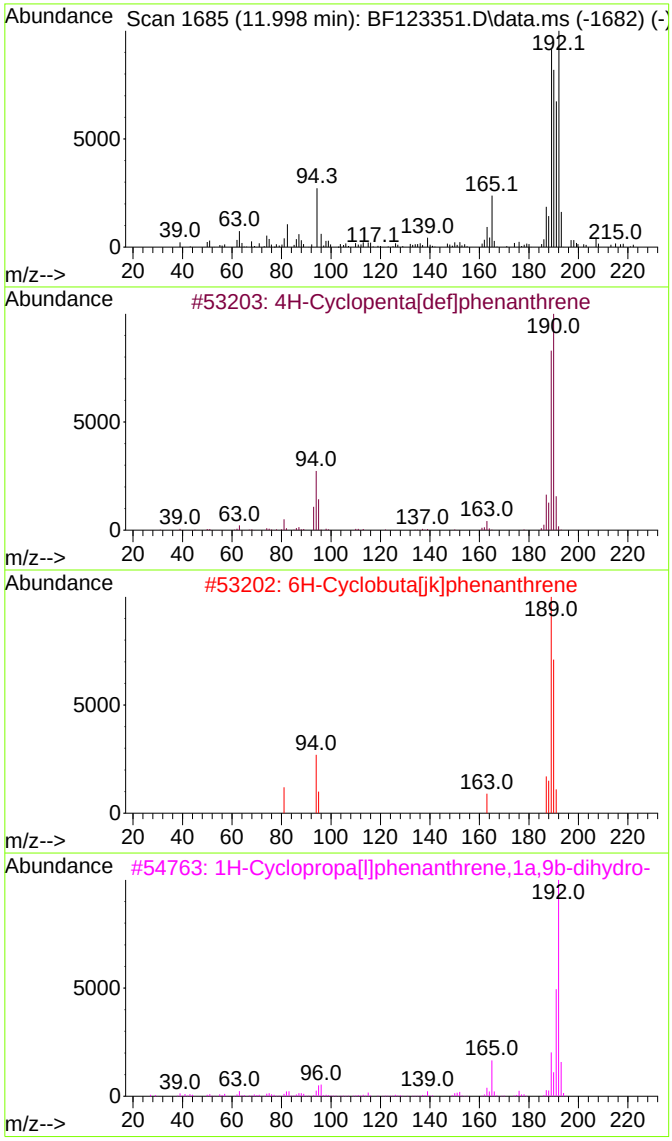
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

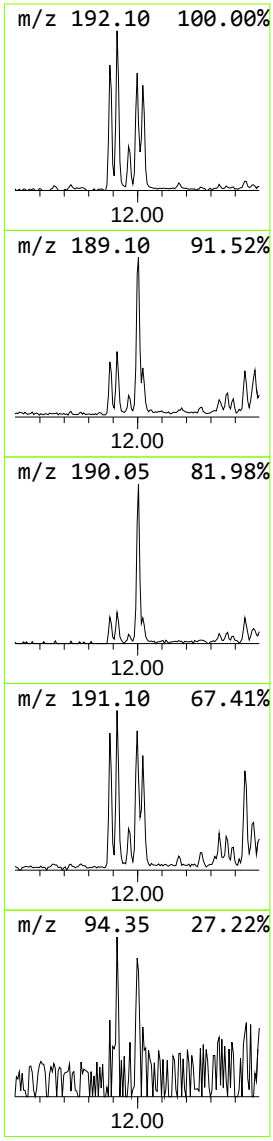
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.90 ng	180482	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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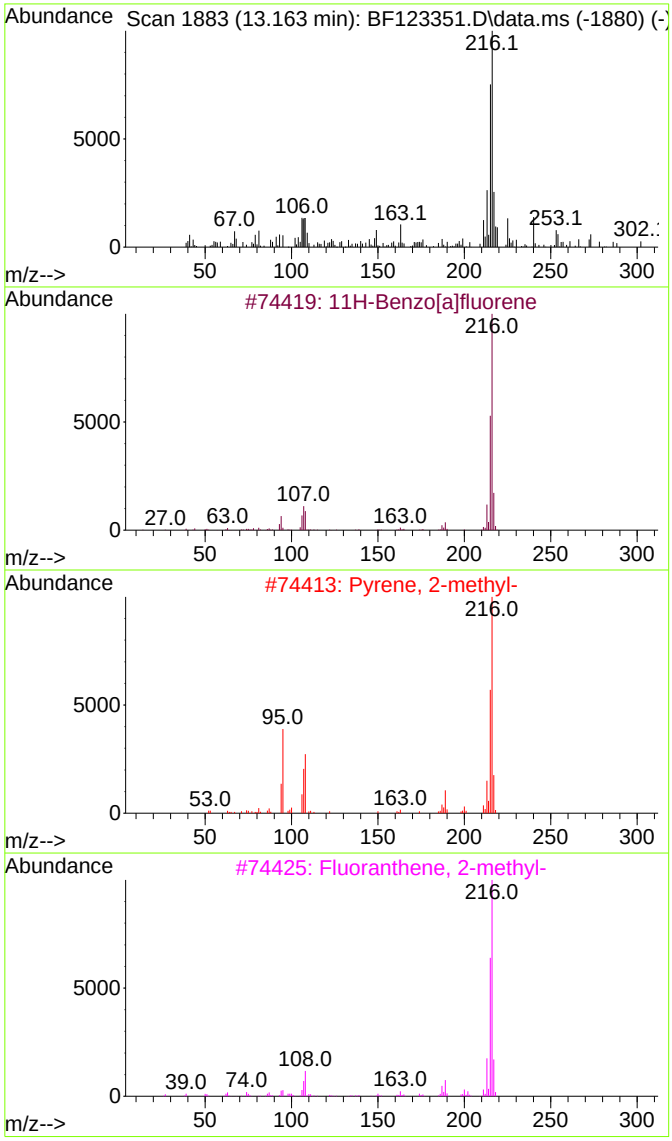
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

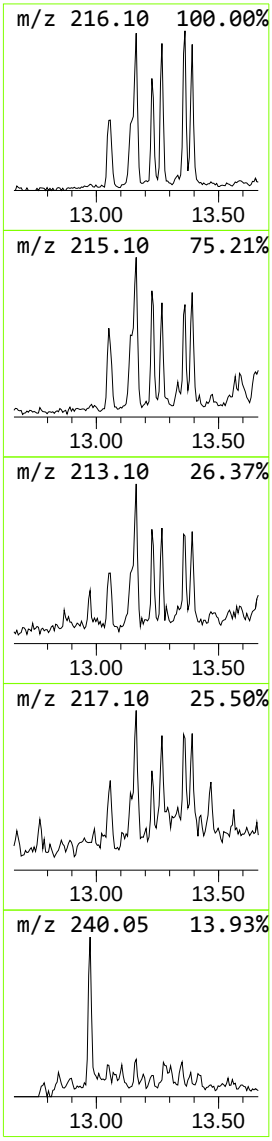
****

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.32 ng	117239	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	58
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

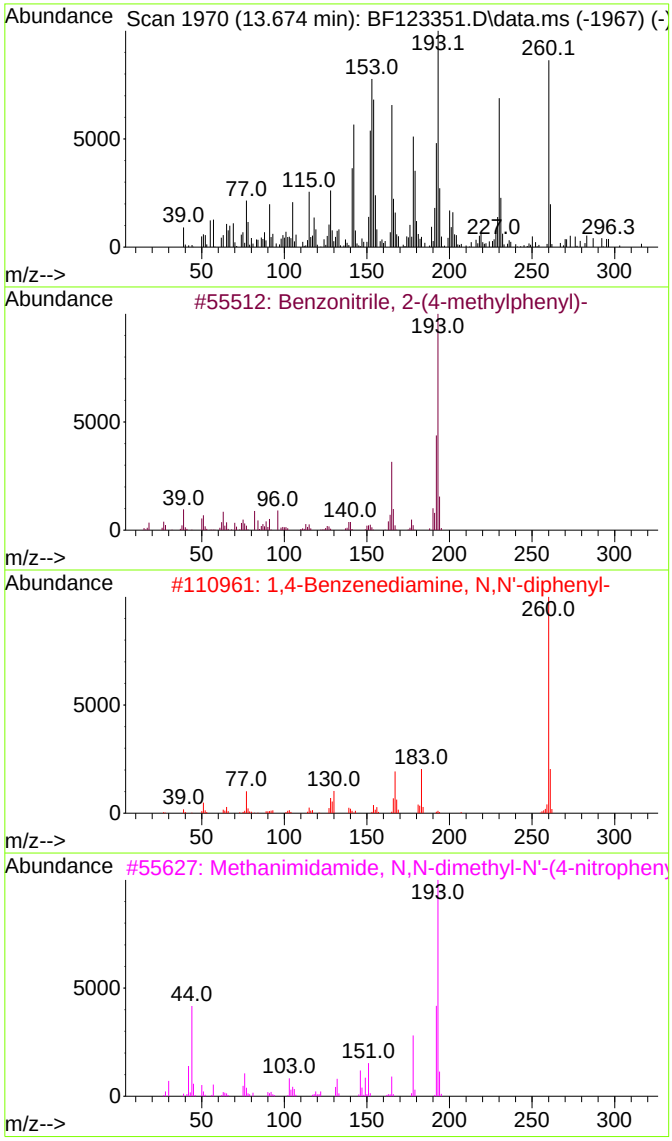
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

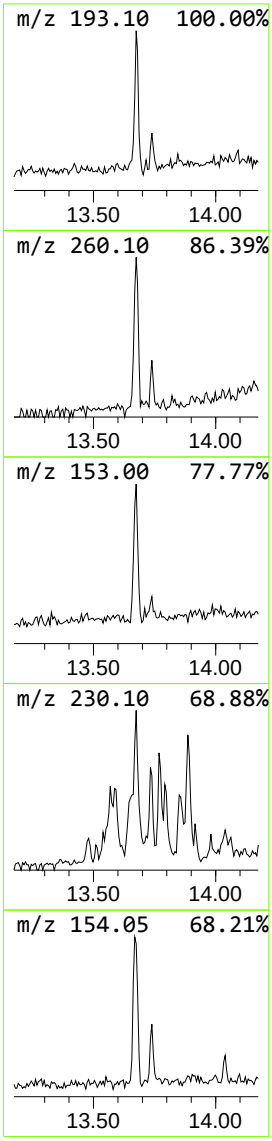
****

Peak Number 5 unknown13.674 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	3.18 ng	161045	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-(4-methylphenyl)-	193	C14H11N	114772-53-1	18
2	1,4-Benzenediamine, N,N'-diphenyl-	260	C18H16N2	000074-31-7	15
3	Methanimidamide, N,N-dimethyl-N'...	193	C9H11N3O2	001205-59-0	14
4	3-Methyl-acridine	193	C14H11N	004740-12-9	14
5	1,2-Dimethoxy-4-(2-propenyloxy)b...	194	C11H14O3	006906-64-5	11





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9-(Methylaminom...	10.986	2.3	ng	141123	4	11.386	1245260	20.0
Anthracene, 2-m...	11.916	2.2	ng	134525	4	11.386	1245260	20.0
4H-Cyclopenta[d...	11.998	2.9	ng	180482	4	11.386	1245260	20.0
11H-Benzo[a]flu...	13.163	2.3	ng	117239	5	14.039	1012670	20.0
unknown13.674	13.674	3.2	ng	161045	5	14.039	1012670	20.0