LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034350.D
Acq On : 23 Mar 2022 21:57
Operator : CG/JU
Sample : N1958-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-4-3-4

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034350.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.078	140	143	153	rVB	23207	36574	1.10%	0.118%
2	5.425	368	372	377	rVB	26604	37153	1.12%	0.120%
3	5.490	377	383	390	rBV	531032	806801	24.36%	2.605%
4	5.560	391	395	403	rVB	32205	65370	1.97%	0.211%
5	5.937	449	459	463	rBV4	26165	53820	1.62%	0.174%
6	7.095	648	656	663	rBV	514604	844982	25.51%	2.728%
7	7.589	733	740	744	rBV2	24601	43634	1.32%	0.141%
8	7.936	792	799	807	rBV	655958	1039178	31.37%	3.355%
9	8.478	887	891	896	rBV	30018	45615	1.38%	0.147%
10	9.095	990	996	1007	rBV	314315	535590	16.17%	1.729%
11	10.748	1268	1277	1282	rBV	835554	1414126	42.69%	4.565%
12	10.795	1282	1285	1292	rVB	114529	190625	5.75%	0.615%
13	12.407	1555	1559	1567	rVB	31789	54993	1.66%	0.178%
14	12.624	1591	1596	1606	rVB	25014	47436	1.43%	0.153%
15	13.201	1686	1694	1705	rBV	798229	1201192	36.26%	3.878%
16	13.901	1808	1813	1818	rBV2	18697	34669	1.05%	0.112%
17	14.301	1876	1881	1888	rBV	52436	83536	2.52%	0.270%
18	14.407	1892	1899	1909	rBV2	36094	90391	2.73%	0.292%
19	14.577	1920	1928	1934	rBV	1230834	1774624	53.57%	5.729%
20	14.636	1934	1938	1945	rVB	58052	102699	3.10%	0.332%
21	14.971	1986	1995	2005	rBV	38613	72308	2.18%	0.233%
22	15.618	2101	2105	2110	rBV2	61305	92419	2.79%	0.298%
23	15.918	2151	2156	2164	rVB	31049	58090	1.75%	0.188%
24	16.059	2174	2180	2190	rBV	641228	954273	28.81%	3.081%
25	16.295	2215	2220	2227	rBV8	23526	43769	1.32%	0.141%
26	16.624	2267	2276	2281	rBV4	24614	70057	2.11%	0.226%
27	16.859	2308	2316	2319	rBV5	23130	51127	1.54%	0.165%
28	16.971	2331	2335	2342	rVB3	36796	62504	1.89%	0.202%
29	17.136	2359	2363	2371	rVB	51647	85582	2.58%	0.276%
30	17.318	2388	2394	2398	rBV	1302670	1971066	59.50%	6.363%
31	17.359	2398	2401	2407	rVB	961222	1243897	37.55%	4.016%
32	17.448	2412	2416	2421	rVV	232697	336960	10.17%	1.088%
33	17.506	2422	2426	2432	rVB4	29879	53994	1.63%	0.174%
34	17.718	2459	2462	2467	rVB	27483	35930	1.08%	0.116%
35	18.200	2539	2544	2548	rBV3	135835	296046	8.94%	0.956%
36	18.242	2548	2551	2558	rVB	191137	270920	8.18%	0.875%

LSC Area Percent Report

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Acq On : 23 Mar 2022 21:57
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Sample : N1958-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-4-3-4

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.324	2561	2565	2569	rVV	70027	95747	2.89%	0.309%
38	18.389	2570	2576	2580	rVV2	173485	338109	10.21%	1.092%
39	18.424	2580	2582	2589	rVB2	127820	161461	4.87%	0.521%
40	18.695	2624	2628	2631	rBV	87800	109652	3.31%	0.354%
41	18.730	2631	2634	2639	rVB	46767	60465	1.83%	0.195%
42	18.936	2666	2669	2675	rBV2	60145	77430	2.34%	0.250%
43	18.995	2675	2679	2682	rBV2	35498	56492	1.71%	0.182%
44	19.106	2694	2698	2701	rBV	81415	132236	3.99%	0.427%
45	19.142	2701	2704	2707	rVV	60758	79560	2.40%	0.257%
46	19.247	2718	2722	2729	rBV2	75210	127656	3.85%	0.412%
47	19.312	2731	2733	2736	rBV	45979	43310	1.31%	0.140%
48	19.371	2738	2743	2750	rVV	1733558	2287255	69.05%	7.384%
49	19.618	2782	2785	2794	rVB3	63603	121686	3.67%	0.393%
50	19.730	2800	2804	2813	rVB	1420135	2041283	61.62%	6.590%
51	19.930	2834	2838	2843	rVB	1143637	1344291	40.58%	4.340%
52	20.147	2872	2875	2878	rBV	121317	144956	4.38%	0.468%
53	20.224	2885	2888	2894	rVB2	152838	202359	6.11%	0.653%
54	20.471	2926	2930	2935	rBV	528831	682507	20.60%	2.203%
55	21.012	3020	3022	3027	rVB2	154788	173882	5.25%	0.561%
56	21.400	3085	3088	3093	rVB	363122	389708	11.76%	1.258%
57	21.488	3096	3103	3107	rVV2	1776101	3312519	100.00%	10.694%
58	21.524	3107	3109	3117	rVB	683316	841980	25.42%	2.718%
59	23.165	3384	3388	3394	rBV	466717	1046613	31.60%	3.379%
60	23.794	3491	3495	3506	rVB	494545	994752	30.03%	3.211%
61	23.900	3508	3513	3519	rVV2	984387	1907433	57.58%	6.158%

Sum of corrected areas: 30975292

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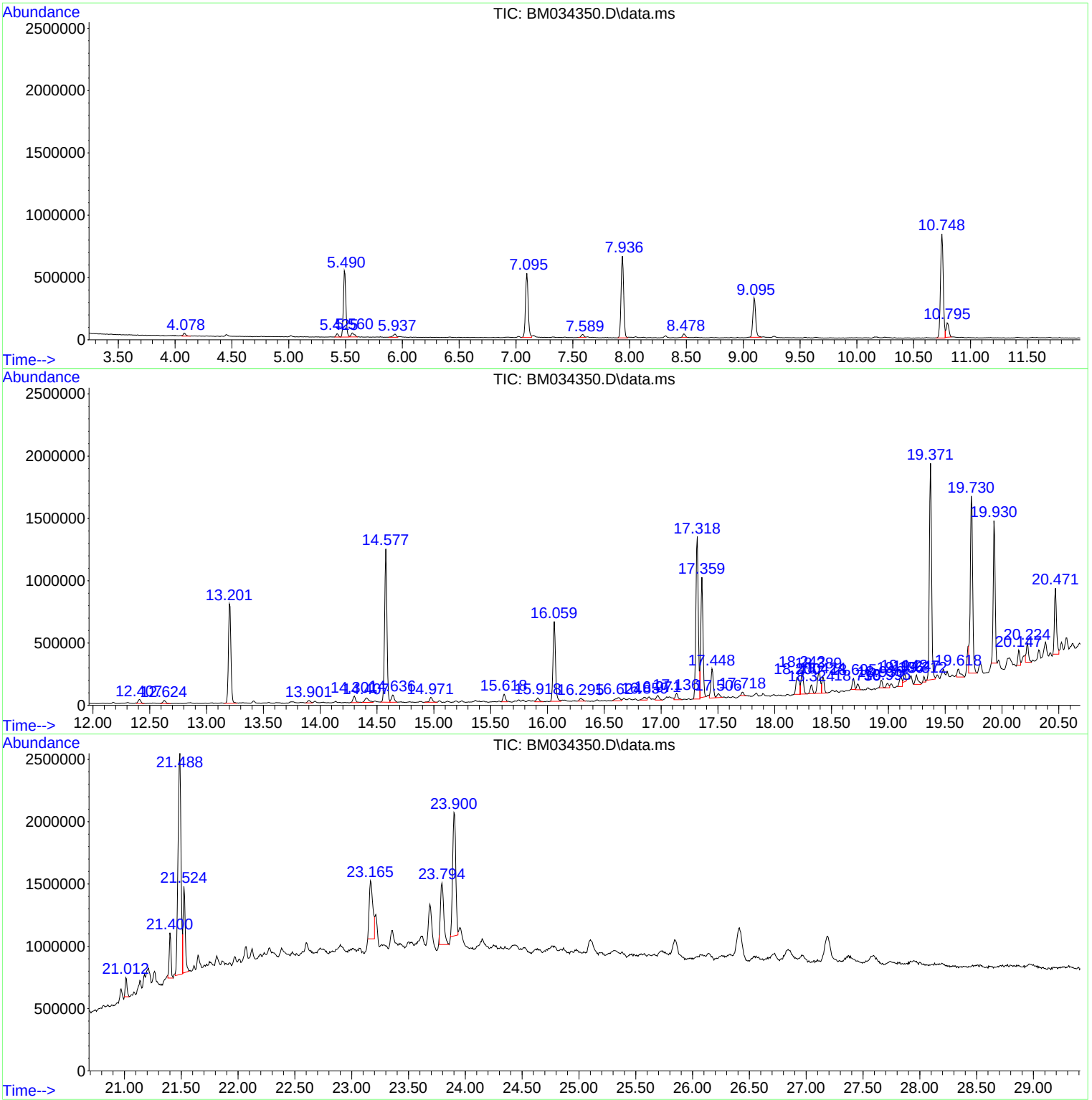
Instrument :
BNA_M
ClientSampleId :
C-4-3-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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_M\Data\BM032322\
Data File : BM034350.D
Acq On : 23 Mar 2022 21:57
Operator : CG/JU
Sample : N1958-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-4-3-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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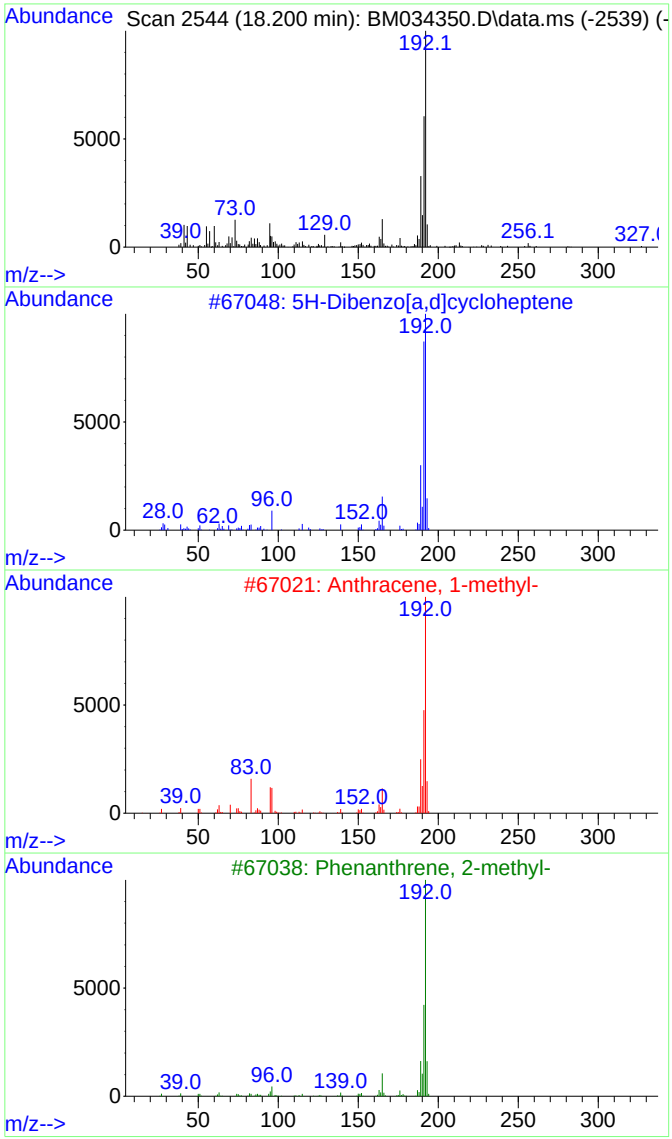
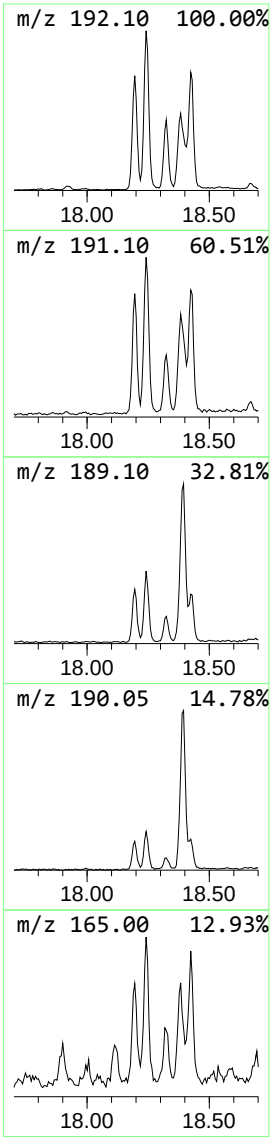
****
Peak Number 1 5H-Dibenzo[a,d]cycloheptene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.201	3.00 ng	296046	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034350.D
Acq On : 23 Mar 2022 21:57
Operator : CG/JU
Sample : N1958-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-4-3-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

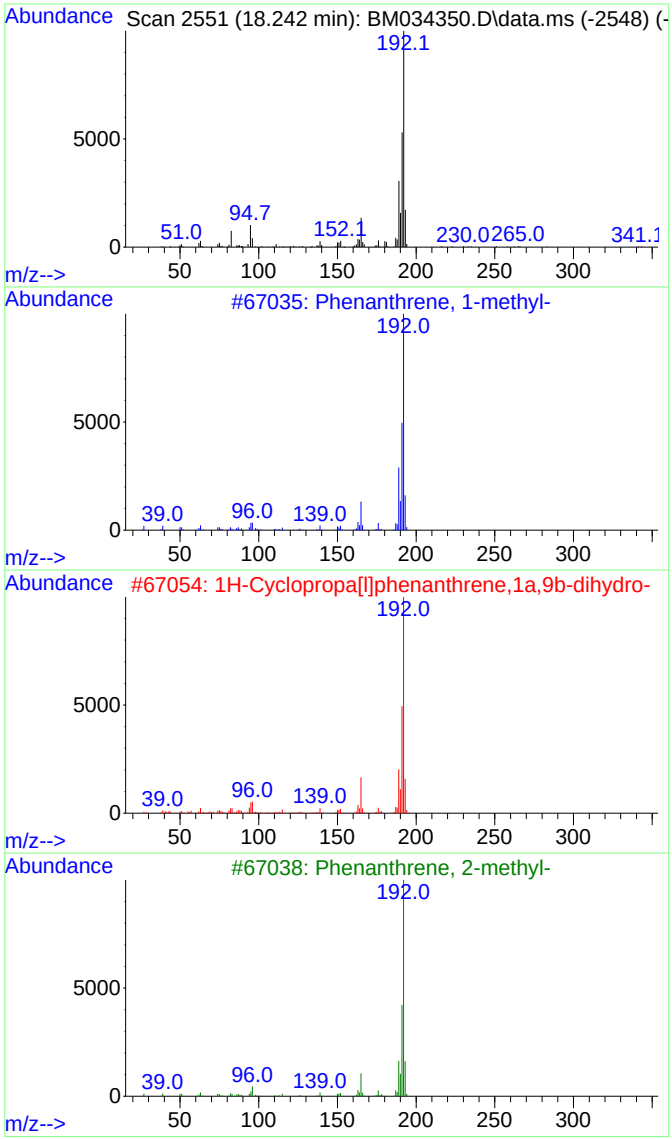
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

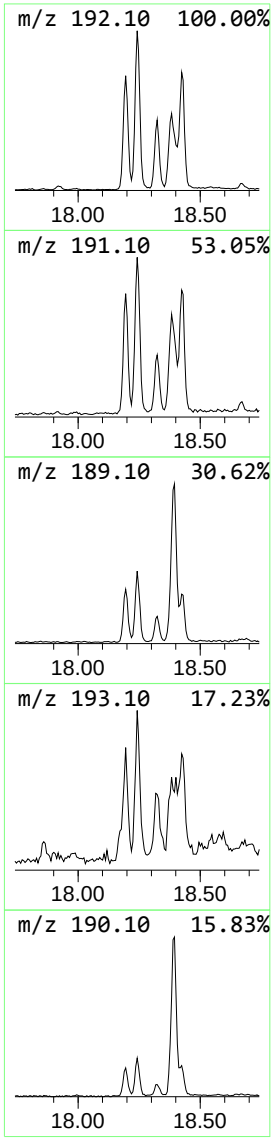
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	2.75 ng	270920	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034350.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-4-3-4

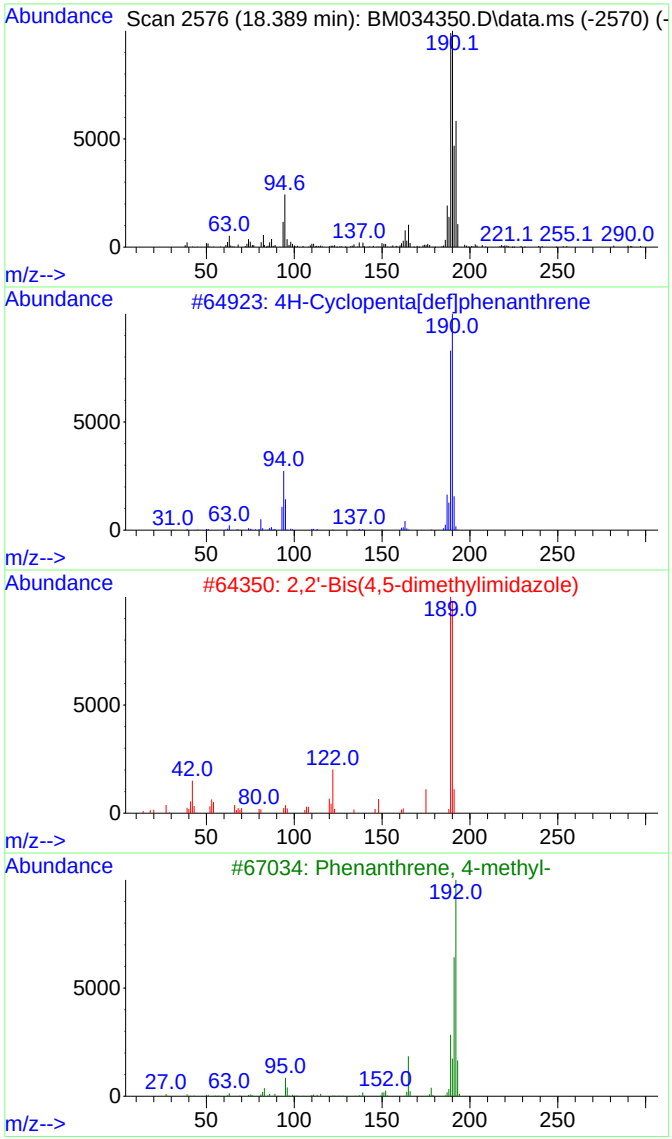
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

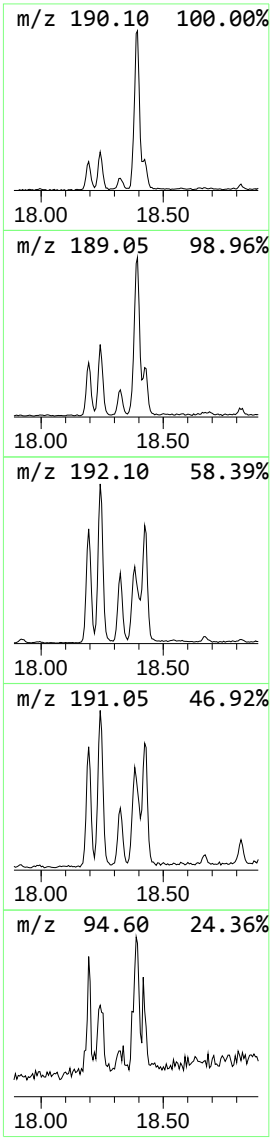
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	3.43 ng	338109	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
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Acq On : 23 Mar 2022 21:57
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Sample : N1958-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-4-3-4

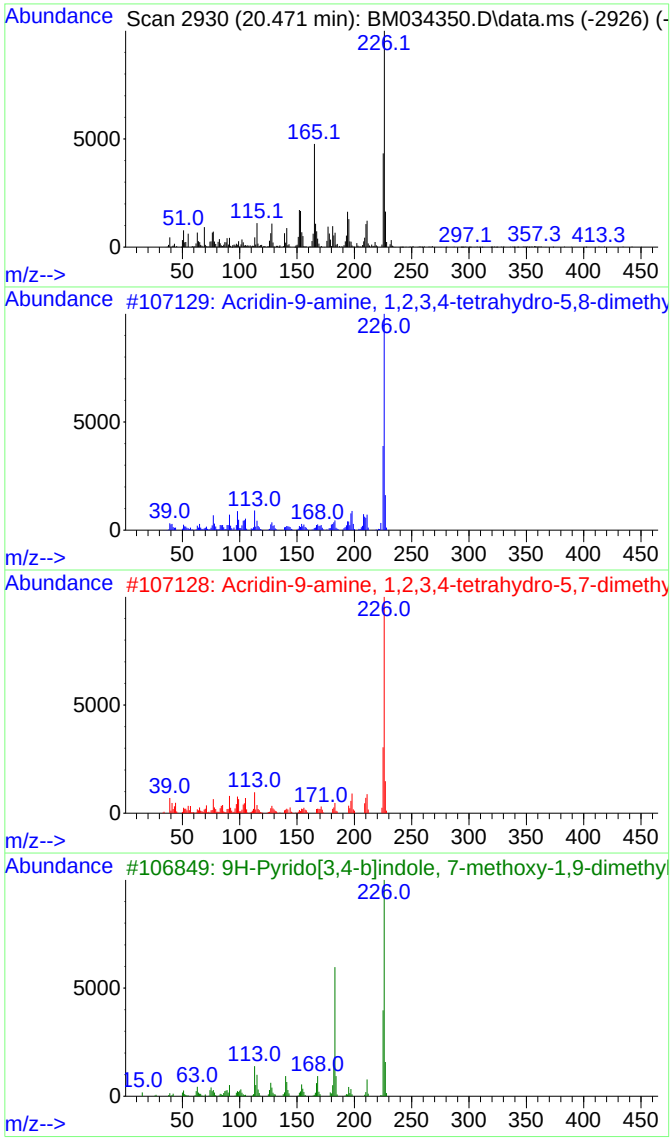
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

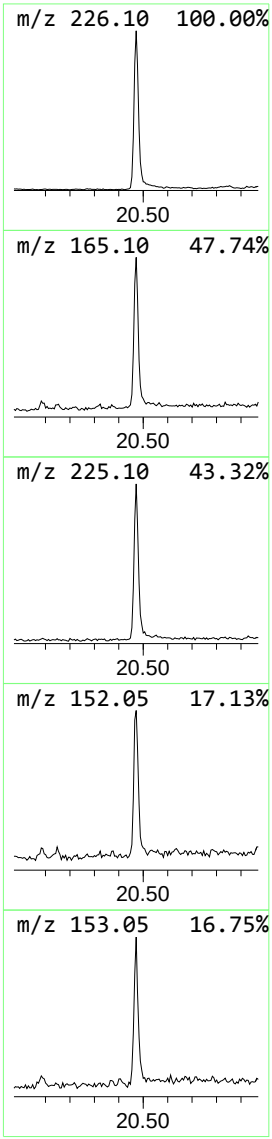
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.471	4.12 ng	682507	Chrysene-d12	21.488

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	58
3	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	58
4	Dibenzo[b,e]thiepin-11(6H)-one	226	C14H10OS	001531-77-7	50
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46





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
5H-Dibenzo[a,d]...	18.201	3.0	ng	296046	4	17.318	1971070	20.0
Phenanthrene, 1...	18.242	2.8	ng	270920	4	17.318	1971070	20.0
4H-Cyclopenta[d...	18.389	3.4	ng	338109	4	17.318	1971070	20.0
Acridin-9-amine...	20.471	4.1	ng	682507	5	21.488	3312520	20.0