LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019189.D
Acq On : 15 Mar 2019 16:50
Operator : JU/SJ
Sample : K1908-03 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 101-102

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-BM031119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.252	380	385	397	rBV	303836	512877	11.73%	1.612%
2	6.834	648	654	668	rBV	327152	631428	14.44%	1.985%
3	7.187	708	714	728	rBV	372962	642557	14.70%	2.020%
4	7.651	787	793	806	rBV	726612	1215442	27.80%	3.820%
5	7.969	840	847	861	rBV	277886	455325	10.42%	1.431%
6	8.828	987	993	1010	rBV	155683	347950	7.96%	1.094%
7	10.439	1259	1267	1289	rBV	1093316	2011949	46.02%	6.324%
8	12.333	1582	1589	1596	rBV2	22333	44238	1.01%	0.139%
9	12.922	1682	1689	1705	rBV	522135	859870	19.67%	2.703%
10	13.627	1802	1809	1814	rBV3	27637	51165	1.17%	0.161%
11	13.786	1829	1836	1839	rBV	27018	44351	1.01%	0.139%
12	14.033	1872	1878	1887	rVB	71993	120126	2.75%	0.378%
13	14.310	1918	1925	1932	rBV2	1768068	2712856	62.06%	8.527%
14	14.374	1932	1936	1946	rVB	68936	125885	2.88%	0.396%
15	14.716	1985	1994	2001	rBV3	52678	101675	2.33%	0.320%
16	15.363	2099	2104	2115	rVB	130948	226448	5.18%	0.712%
17	15.810	2170	2180	2189	rBV	424366	745444	17.05%	2.343%
18	16.368	2269	2275	2280	rBV2	34842	62627	1.43%	0.197%
19	16.798	2343	2348	2353	rBV5	22058	44187	1.01%	0.139%
20	16.886	2359	2363	2370	rVB	54042	87125	1.99%	0.274%
21	17.063	2387	2393	2397	rBV	2226763	3178084	72.70%	9.989%
22	17.104	2397	2400	2407	rVV	847693	1230897	28.16%	3.869%
23	17.198	2411	2416	2421	rVV	199315	318099	7.28%	1.000%
24	17.263	2425	2427	2436	rVB4	27626	57159	1.31%	0.180%
25	17.486	2458	2465	2471	rBV2	43925	98493	2.25%	0.310%
26	17.645	2489	2492	2499	rVB4	30500	49607	1.13%	0.156%
27	17.939	2537	2542	2546	rBV	128938	205568	4.70%	0.646%
28	17.986	2546	2550	2559	rVV	152465	234284	5.36%	0.736%
29	18.068	2560	2564	2569	rVV	61022	97805	2.24%	0.307%
30	18.133	2569	2575	2579	rVV3	254753	463982	10.61%	1.458%
31	18.168	2579	2581	2587	rVB2	89629	120515	2.76%	0.379%
32	18.445	2624	2628	2634	rBV2	68270	110670	2.53%	0.348%
33	18.739	2675	2678	2681	rBV	43124	55203	1.26%	0.174%
34	18.857	2694	2698	2703	rBV	99290	173510	3.97%	0.545%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.021	2719	2726	2738	rBV6	43189	161922	3.70%	0.509%
36	19.127	2739	2744	2751	rBV	1502226	1971517	45.10%	6.197%
37	19.280	2767	2770	2775	rVB2	73201	92619	2.12%	0.291%
38	19.374	2783	2786	2789	rBV2	46227	54351	1.24%	0.171%
39	19.462	2797	2801	2802	rBV	194467	236348	5.41%	0.743%
40	19.492	2802	2806	2815	rVV	1289212	1863917	42.64%	5.859%
41	19.568	2815	2819	2824	rVV3	78127	118893	2.72%	0.374%
42	19.698	2836	2841	2846	rBV	900773	1136384	25.99%	3.572%
43	19.815	2857	2861	2870	rBV5	95356	249429	5.71%	0.784%
44	19.992	2888	2891	2896	rVB2	237632	317958	7.27%	0.999%
45	20.092	2904	2908	2912	rBV	195230	256990	5.88%	0.808%
46	20.292	2939	2942	2946	rBV	85413	124682	2.85%	0.392%
47	21.262	3100	3107	3111	rBV2	2849082	4371677	100.00%	13.741%
48	21.298	3111	3113	3120	rVB	592800	687632	15.73%	2.161%
49	23.497	3481	3487	3493	rBV	1448341	2733138	62.52%	8.591%

Sum of corrected areas: 31814858

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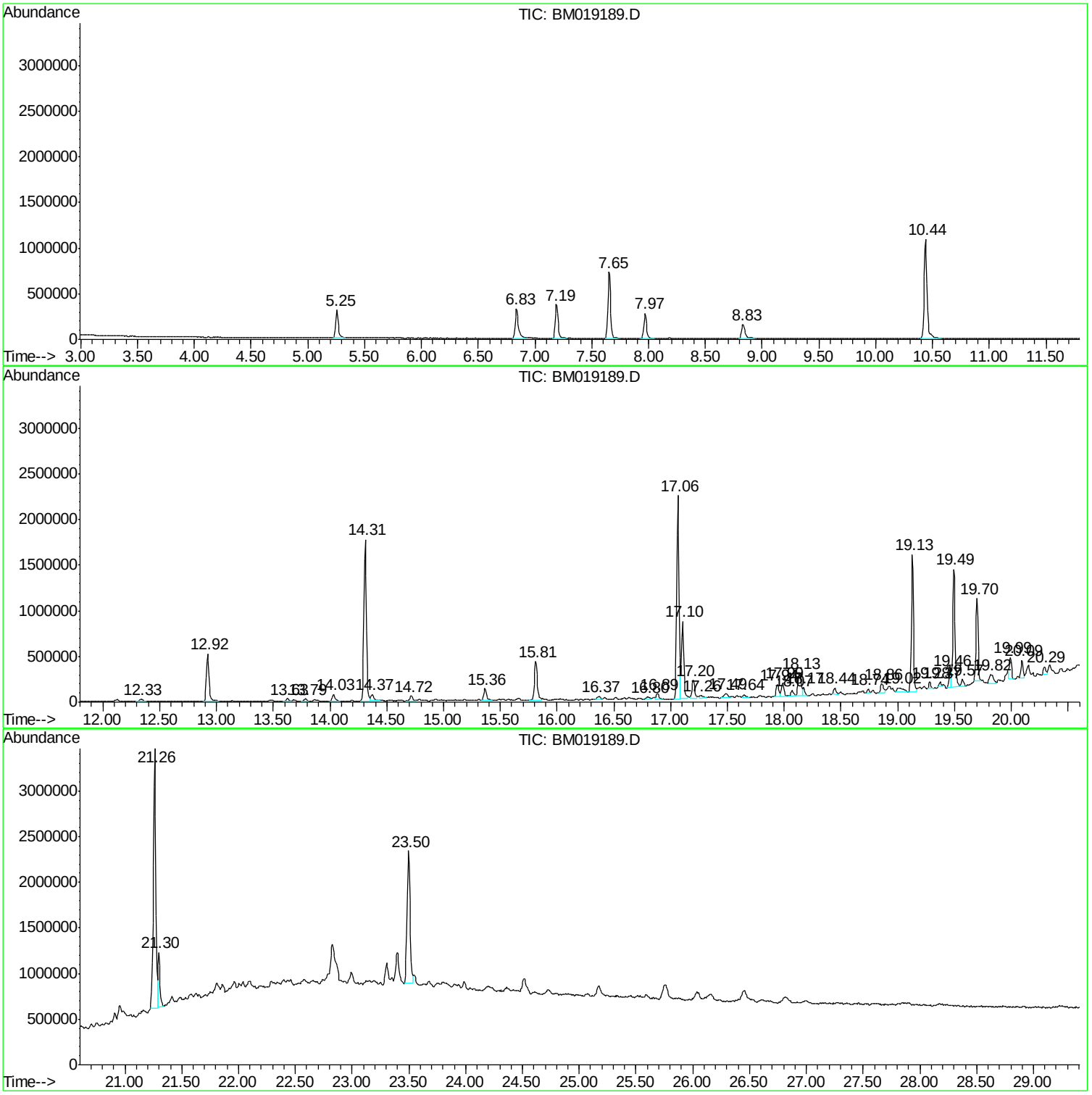
Instrument :
BNA_M
ClientSampleId :
101-102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : 101-102

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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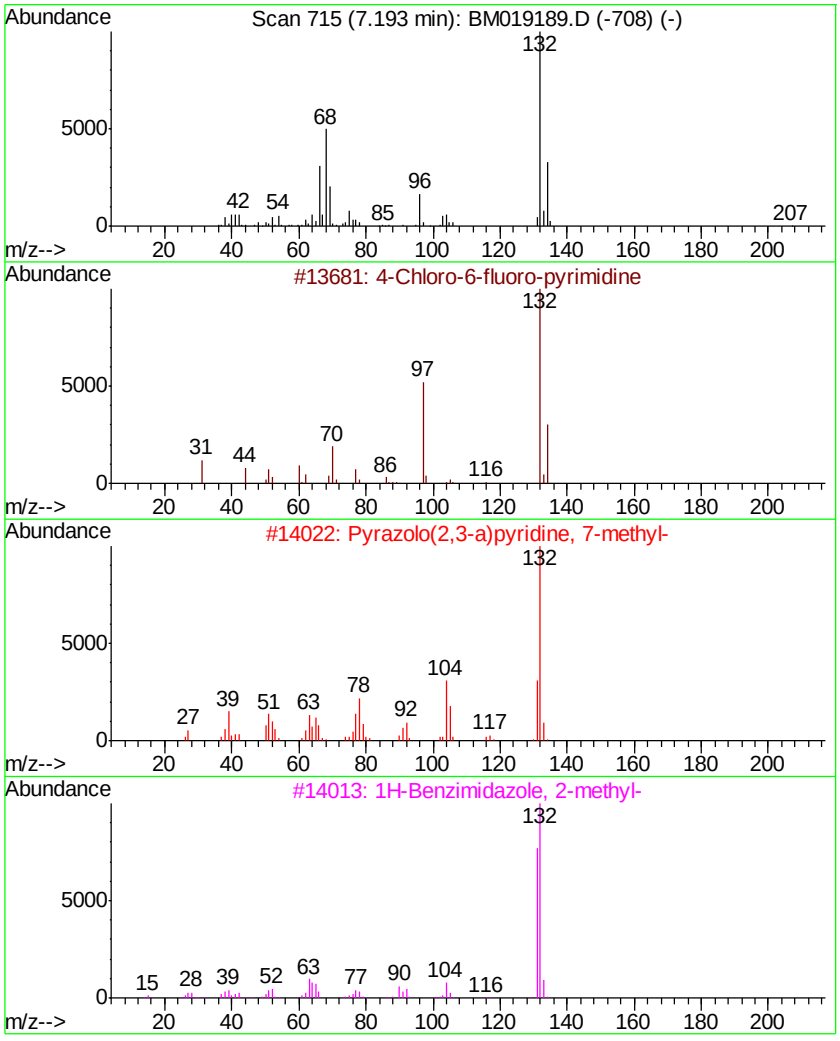
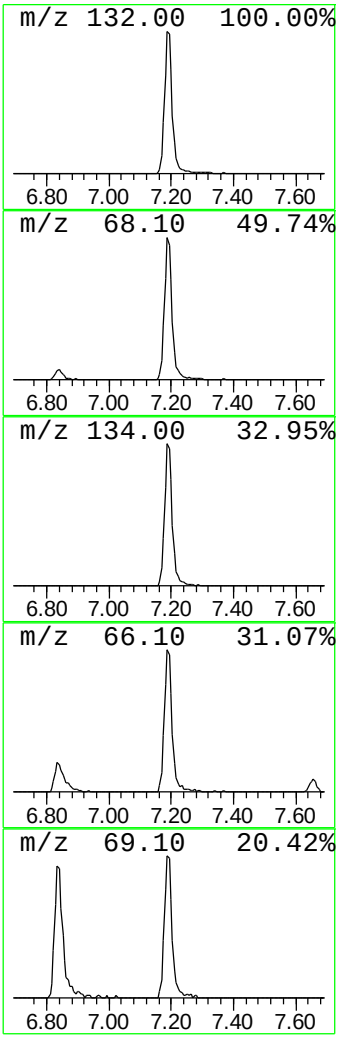
Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	10.57 ng	642557	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

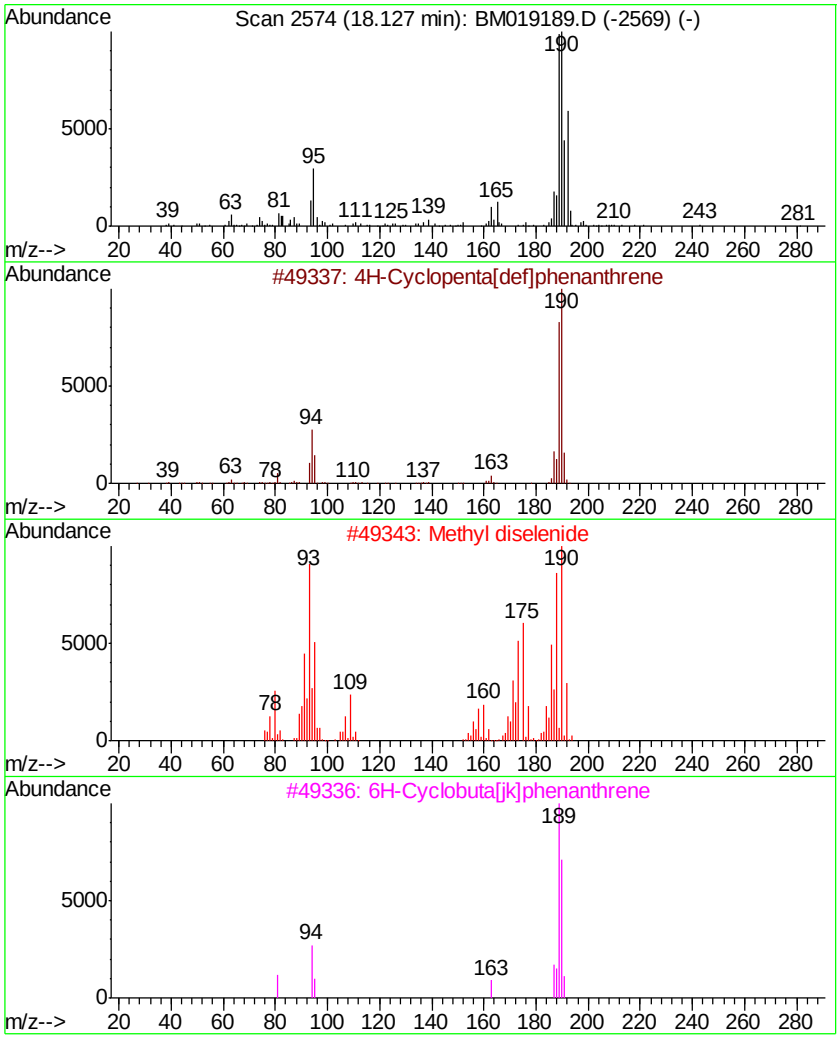
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

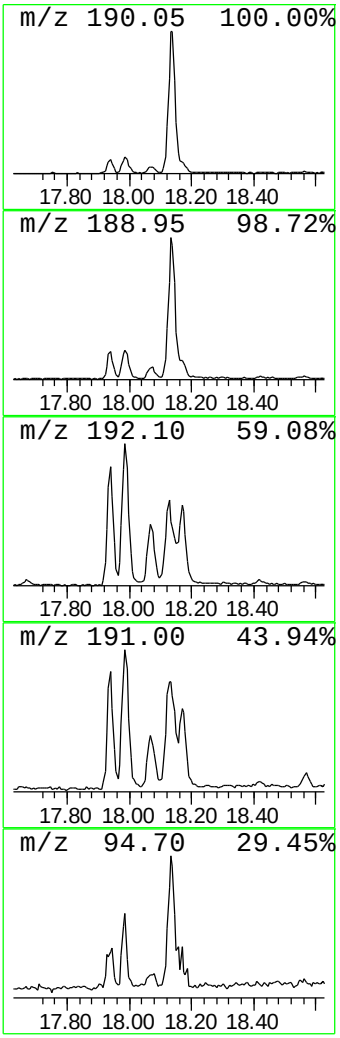
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.92 ng	463982	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.19	7.19	10.6	ng	642557	1	7.65	1215440	20.0
4H-Cyclopenta[def...	18.13	2.9	ng	463982	4	17.06	3178080	20.0