LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095156.D
Acq On : 16 May 2017 13:25
Operator : SJ/MA
Sample : I3140-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-30-3

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	1.966	3	5	14	rVB	41910	57694	10.64%	1.186%
2	5.813	656	659	672	rBV3	15387	60847	11.22%	1.251%
3	7.378	922	925	931	rBV2	18328	44837	8.27%	0.922%
4	7.472	938	941	958	rVB2	55350	143029	26.39%	2.940%
5	7.778	989	993	1008	rBV	277486	367653	67.82%	7.556%
6	8.019	1030	1034	1048	rBV	77777	115478	21.30%	2.373%
7	8.707	1148	1151	1162	rBV2	13705	38369	7.08%	0.789%
8	9.795	1332	1336	1353	rBV	318333	472568	87.18%	9.713%
9	11.571	1634	1638	1649	rBV	60228	106818	19.71%	2.195%
10	12.277	1753	1758	1762	rBV2	5565	10320	1.90%	0.212%
11	12.624	1813	1817	1825	rBV2	308930	472725	87.21%	9.716%
12	12.677	1825	1826	1834	rVB2	24926	31671	5.84%	0.651%
13	12.995	1876	1880	1887	rBV2	3224	6412	1.18%	0.132%
14	13.536	1968	1972	1980	rBV3	10867	18556	3.42%	0.381%
15	13.948	2038	2042	2052	rBV5	15913	31982	5.90%	0.657%
16	14.236	2087	2091	2093	rBV	3849	5496	1.01%	0.113%
17	15.030	2221	2226	2230	rBV	239893	319592	58.96%	6.568%
18	15.071	2230	2233	2241	rVV	67767	102058	18.83%	2.098%
19	15.159	2244	2248	2256	rVB2	33206	51959	9.59%	1.068%
20	15.818	2356	2360	2363	rBV3	10961	14204	2.62%	0.292%
21	15.859	2363	2367	2371	rVV4	11175	15946	2.94%	0.328%
22	15.959	2381	2384	2390	rBV	47692	65360	12.06%	1.343%
23	16.183	2420	2422	2425	rVB2	9148	8149	1.50%	0.167%
24	16.259	2432	2435	2438	rBV3	5801	6758	1.25%	0.139%
25	16.459	2466	2469	2474	rVB	24013	24504	4.52%	0.504%
26	16.606	2492	2494	2498	rVB4	8547	9080	1.68%	0.187%
27	16.653	2498	2502	2505	rVB4	7700	8762	1.62%	0.180%
28	16.724	2512	2514	2518	rBV4	5609	7574	1.40%	0.156%
29	16.812	2524	2529	2539	rBV	235613	307304	56.69%	6.316%
30	16.889	2539	2542	2547	rVB	76612	85431	15.76%	1.756%
31	17.012	2559	2563	2565	rBV2	7353	9239	1.70%	0.190%
32	17.112	2576	2580	2590	rBV	250840	316075	58.31%	6.496%
33	17.259	2602	2605	2609	rVB5	6137	8312	1.53%	0.171%
34	17.300	2609	2612	2616	rBV2	10751	14201	2.62%	0.292%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.348	2616	2620	2628	rVB	95352	109803	20.26%	2.257%
36	17.436	2628	2635	2642	rBV	11296	29127	5.37%	0.599%
37	17.518	2646	2649	2652	rBV	22567	26168	4.83%	0.538%
38	17.577	2657	2659	2665	rVB2	29404	35181	6.49%	0.723%
39	17.665	2670	2674	2679	rVB	24774	32486	5.99%	0.668%
40	17.830	2699	2702	2706	rBV3	9521	12133	2.24%	0.249%
41	17.871	2706	2709	2712	rBV5	6838	9050	1.67%	0.186%
42	18.112	2747	2750	2753	rBV5	6391	10589	1.95%	0.218%
43	18.212	2765	2767	2769	rBV3	7376	5757	1.06%	0.118%
44	18.330	2784	2787	2788	rBV2	7927	8031	1.48%	0.165%
45	18.383	2793	2796	2798	rVV2	13269	15382	2.84%	0.316%
46	18.412	2798	2801	2803	rVV4	17384	19437	3.59%	0.399%
47	18.442	2804	2806	2810	rVV	14120	16586	3.06%	0.341%
48	18.483	2810	2813	2816	rVB4	10806	12600	2.32%	0.259%
49	18.600	2831	2833	2836	rVB3	10218	6951	1.28%	0.143%
50	18.700	2844	2850	2854	rBV2	374451	542076	100.00%	11.141%
51	18.830	2869	2872	2878	rVB4	22820	30608	5.65%	0.629%
52	19.971	3063	3066	3069	rBV	64967	92249	17.02%	1.896%
53	20.265	3114	3116	3120	rVB	45699	42727	7.88%	0.878%
54	20.324	3124	3126	3129	rVV	52296	48744	8.99%	1.002%
55	20.377	3131	3135	3144	rVB	265620	365619	67.45%	7.514%
56	23.841	3720	3724	3725	rBV4	13519	14634	2.70%	0.301%
57	24.024	3753	3755	3758	rBV4	14193	20638	3.81%	0.424%

Sum of corrected areas: 4865539

LSC Report - Integrated Chromatogram

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Data File : BF095156.D
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Operator : SJ/MA
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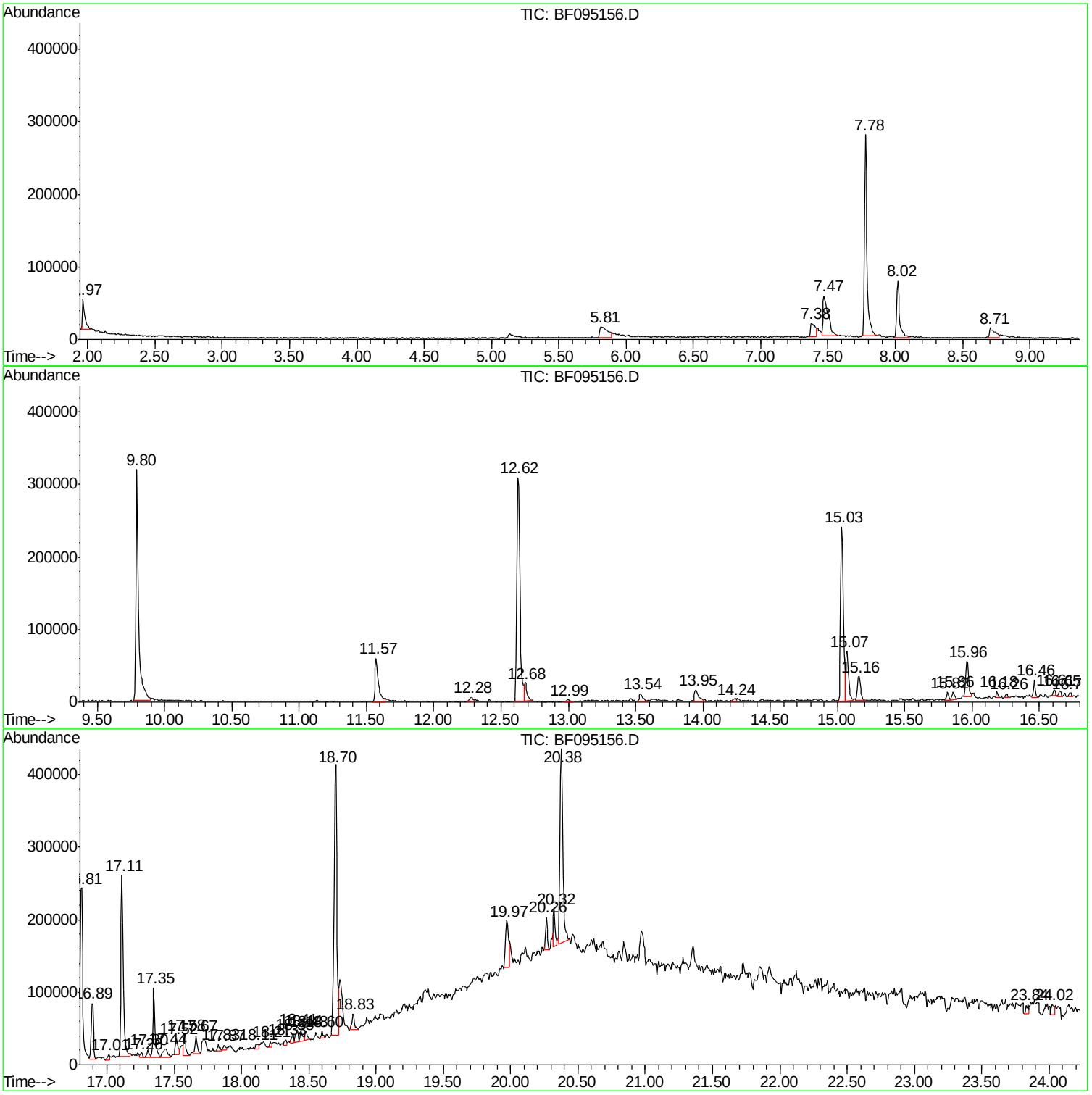
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-30-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Sample : I3140-16 10X
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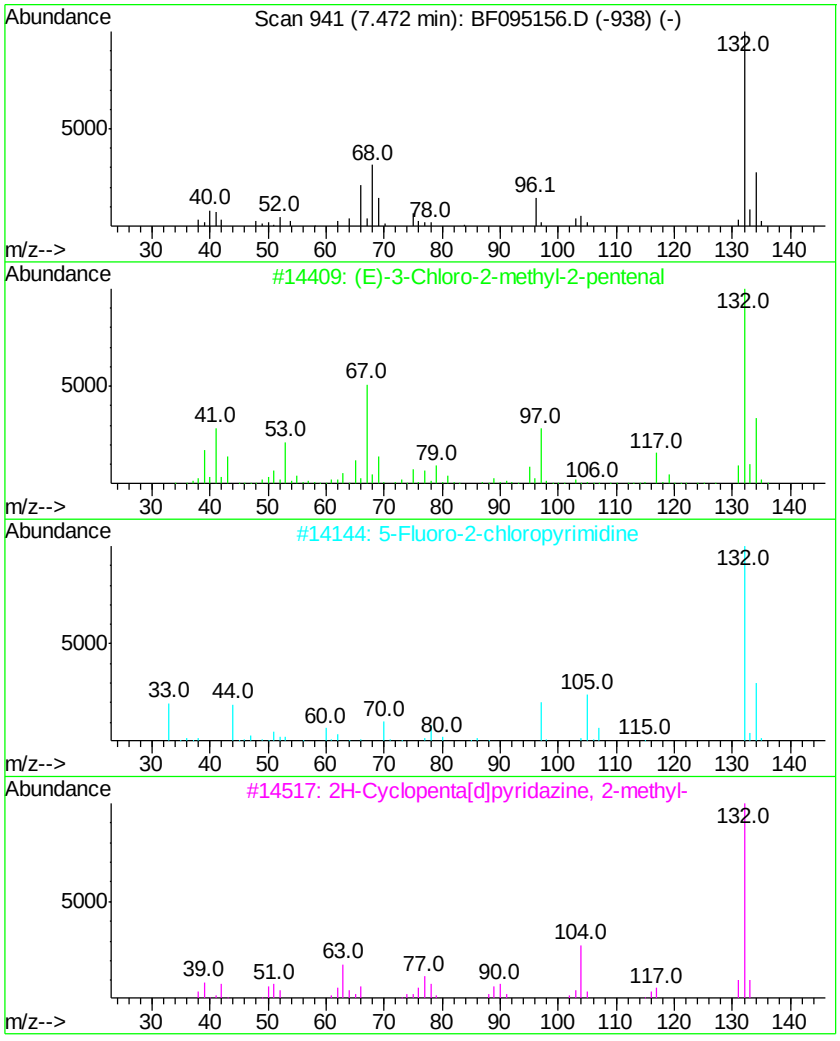
TIC Integration Parameters: LSCINT.P

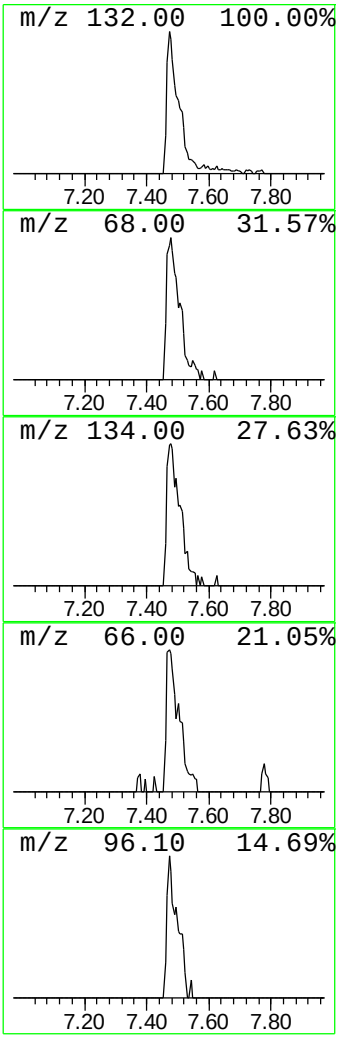
****

Peak Number 2 unknown7.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.78 ng	143029	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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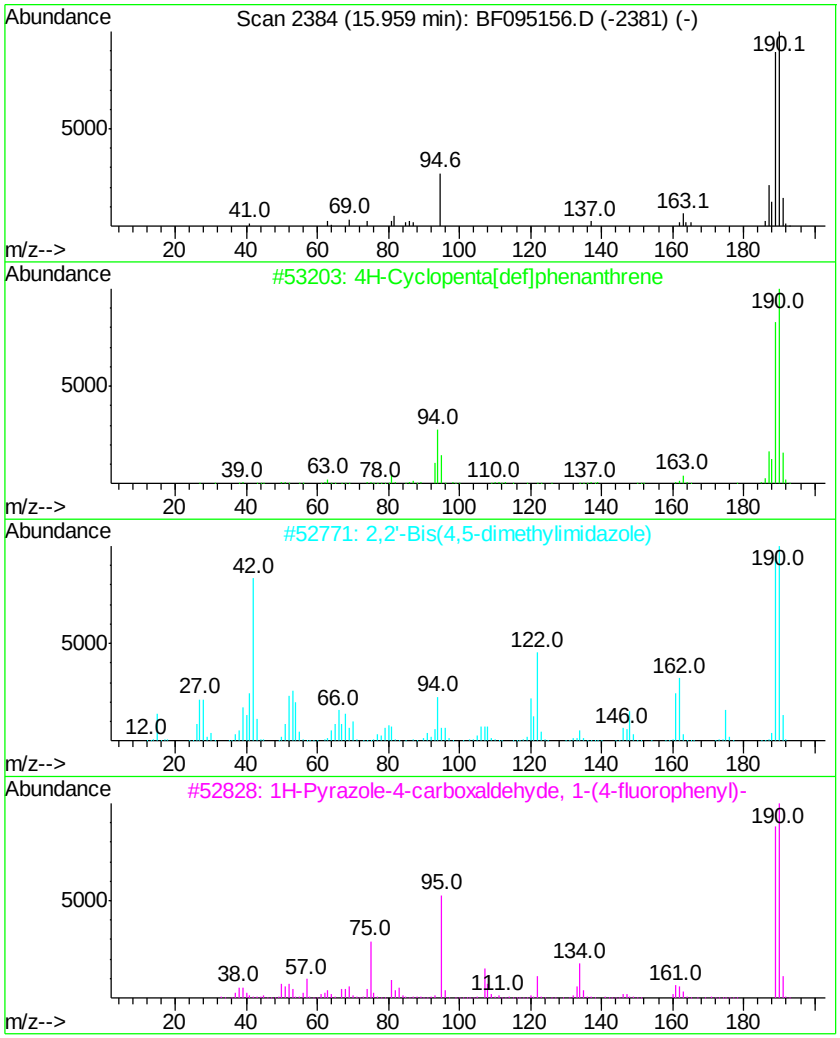
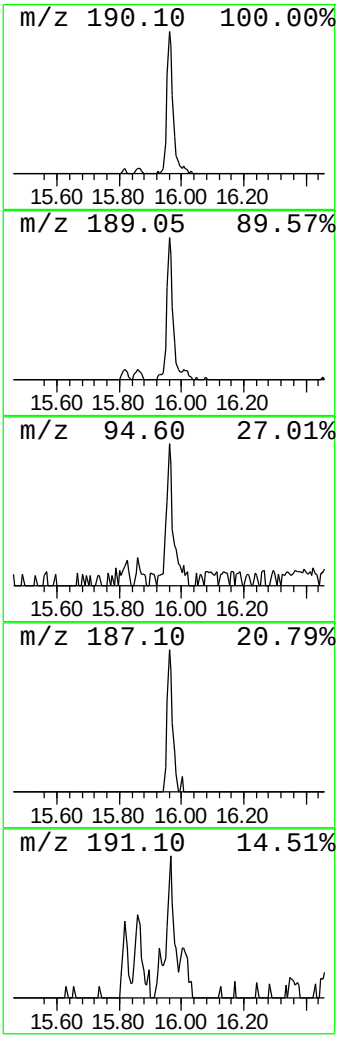
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.09 ng	65360	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	59
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	47





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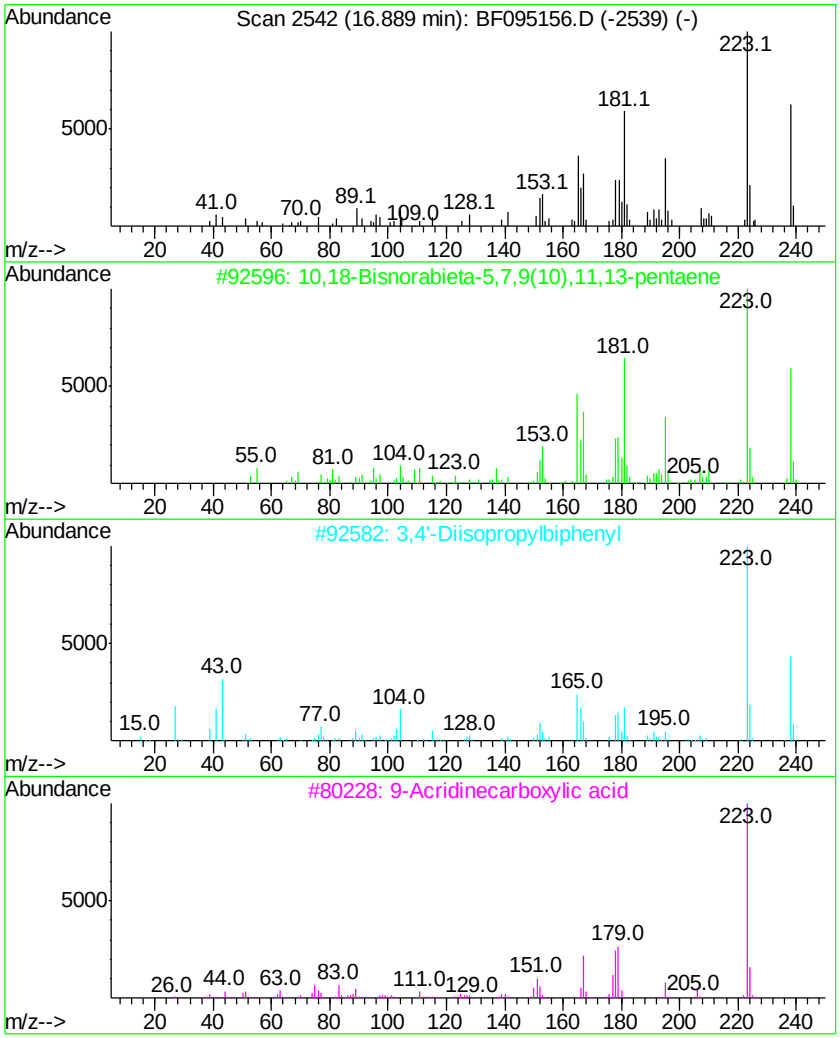
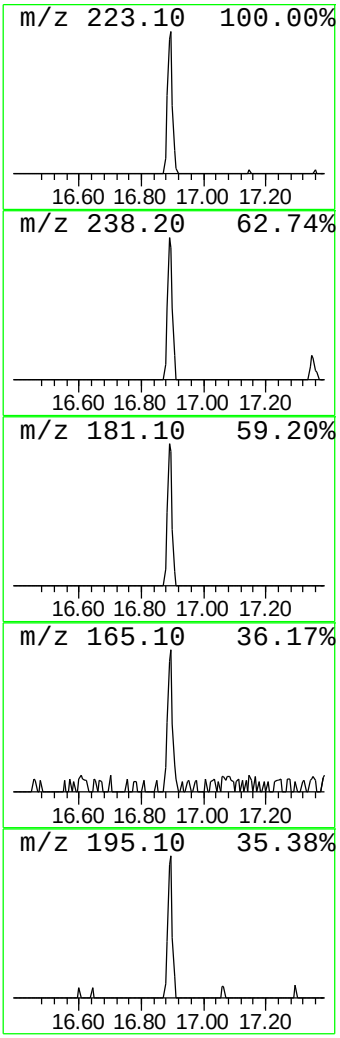
****

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.15 ng	85431	Chrysene-d12	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	55
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	49
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	45
5	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	43





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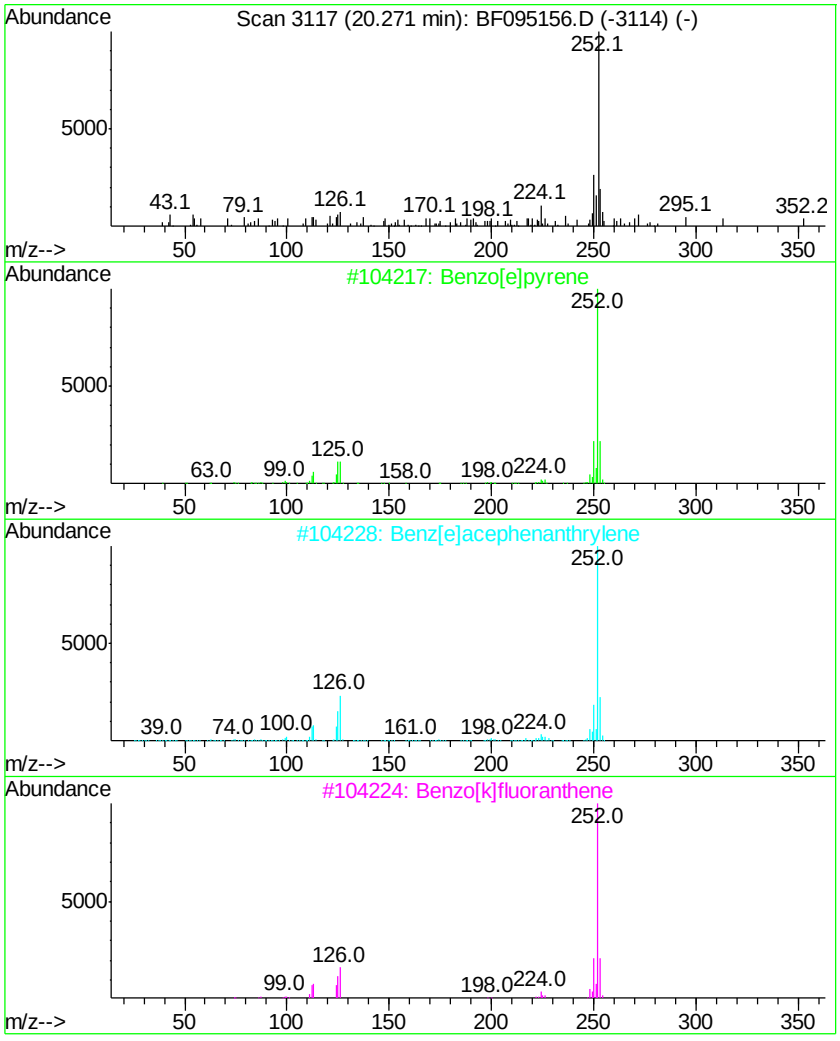
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

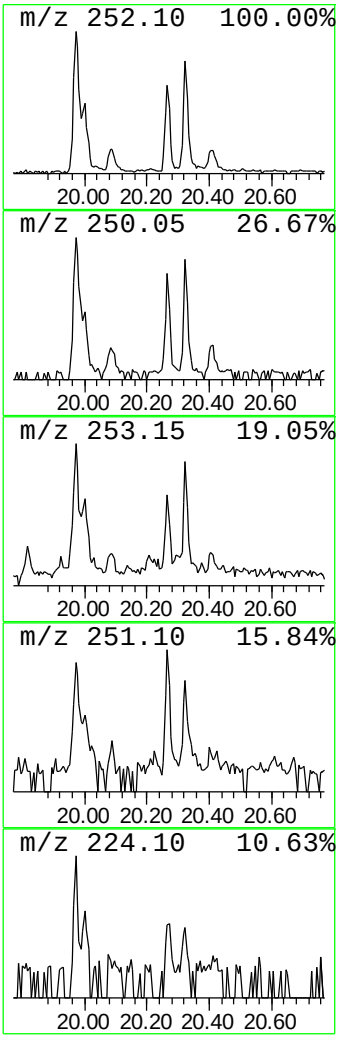
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.34 ng	42727	Perylene-d12	20.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Perylene	252	C20H12	000198-55-0	76





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
unknown7.47	7.47	7.8	ng	143029	1	7.78	367653	20.0
4H-Cyclopenta[def...	15.96	4.1	ng	65360	4	15.03	319592	20.0
10,18-Bisnorabiet...	16.89	3.1	ng	85431	5	18.70	542076	20.0
Benzo[e]pyrene	20.27	2.3	ng	42727	6	20.38	365619	20.0