LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

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-BF060517.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	4.557	502	505	517	rBV	7256	16692	2.34%	0.163%
2	5.269	623	626	646	rBV	102645	275143	38.59%	2.681%
3	6.939	906	910	922	rBV	110227	264692	37.13%	2.579%
4	7.028	922	925	938	rVB	205335	390836	54.82%	3.809%
5	7.369	978	983	996	rBV	296359	397789	55.80%	3.876%
6	7.604	1019	1023	1037	rBV	199011	271288	38.05%	2.644%
7	8.286	1136	1139	1157	rBV	85782	170154	23.87%	1.658%
8	9.398	1324	1328	1343	rBV	407766	526377	73.83%	5.129%
9	11.174	1626	1630	1640	rBV	320805	384967	54.00%	3.751%
10	11.880	1746	1750	1756	rBV	23736	33107	4.64%	0.323%
11	11.998	1766	1770	1780	rBV	31916	42628	5.98%	0.415%
12	12.221	1801	1808	1814	rBV2	409761	506245	71.01%	4.933%
13	12.268	1814	1816	1823	rVB3	16107	21800	3.06%	0.212%
14	13.080	1950	1954	1957	rVB2	9140	11237	1.58%	0.110%
15	13.121	1957	1961	1969	rBB	13649	18650	2.62%	0.182%
16	13.521	2025	2029	2039	rBV	93494	151219	21.21%	1.474%
17	13.851	2081	2085	2092	rBV3	7981	16379	2.30%	0.160%
18	14.345	2165	2169	2176	rVB2	13157	19488	2.73%	0.190%
19	14.451	2183	2187	2192	rVB	10865	14002	1.96%	0.136%
20	14.609	2210	2214	2218	rBV	340256	429150	60.19%	4.182%
21	14.651	2218	2221	2228	rVB	269081	322396	45.22%	3.142%
22	14.745	2228	2237	2245	rVB	41961	60740	8.52%	0.592%
23	15.051	2286	2289	2294	rBV	15699	24209	3.40%	0.236%
24	15.151	2303	2306	2310	rVB2	13454	14793	2.07%	0.144%
25	15.292	2327	2330	2334	rVB4	7444	10086	1.41%	0.098%
26	15.415	2347	2351	2355	rBV	63012	75977	10.66%	0.740%
27	15.462	2355	2359	2365	rVV	74186	87226	12.23%	0.850%
28	15.533	2367	2371	2374	rVV	19006	23232	3.26%	0.226%
29	15.568	2374	2377	2382	rVV2	66091	106186	14.89%	1.035%
30	15.615	2382	2385	2396	rVB	47497	72991	10.24%	0.711%
31	15.868	2424	2428	2434	rBV	27149	37354	5.24%	0.364%
32	15.927	2435	2438	2443	rVV	34122	46066	6.46%	0.449%
33	15.968	2443	2445	2450	rVB2	8426	9656	1.35%	0.094%
34	16.080	2460	2464	2468	rVB4	13366	17959	2.52%	0.175%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

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-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.127	2468	2472	2475	rBV2	17532	20719	2.91%	0.202%
36	16.162	2475	2478	2484	rVB	9558	12706	1.78%	0.124%
37	16.227	2485	2489	2493	rBV	53848	72670	10.19%	0.708%
38	16.268	2493	2496	2500	rVV3	25467	34080	4.78%	0.332%
39	16.309	2500	2503	2506	rVB	15834	17333	2.43%	0.169%
40	16.351	2506	2510	2515	rVB	55871	71591	10.04%	0.698%
41	16.433	2518	2524	2530	rBV	416889	491156	68.89%	4.786%
42	16.480	2530	2532	2535	rVB2	11983	11625	1.63%	0.113%
43	16.533	2538	2541	2544	rBV3	20678	22843	3.20%	0.223%
44	16.568	2544	2547	2550	rVB	26025	27410	3.84%	0.267%
45	16.627	2553	2557	2561	rBV2	15839	22283	3.13%	0.217%
46	16.680	2563	2566	2570	rBV3	14479	18112	2.54%	0.176%
47	16.733	2570	2575	2581	rVB	477218	534457	74.97%	5.208%
48	16.821	2585	2590	2593	rBV4	17847	24930	3.50%	0.243%
49	16.862	2593	2597	2601	rVB5	17581	24501	3.44%	0.239%
50	16.927	2601	2608	2612	rBV2	27459	45077	6.32%	0.439%
51	16.986	2613	2618	2624	rVB	290868	328329	46.05%	3.199%
52	17.062	2624	2631	2634	rBV2	36394	61160	8.58%	0.596%
53	17.115	2638	2640	2642	rVB3	11606	9527	1.34%	0.093%
54	17.180	2642	2651	2652	rBV3	37105	65615	9.20%	0.639%
55	17.203	2653	2655	2660	rVB3	40791	45874	6.43%	0.447%
56	17.262	2660	2665	2667	rBV5	8461	13226	1.86%	0.129%
57	17.292	2667	2670	2674	rVB2	18208	22477	3.15%	0.219%
58	17.333	2674	2677	2681	rBV2	60016	89934	12.61%	0.876%
59	17.398	2687	2688	2693	rVB3	9644	10138	1.42%	0.099%
60	17.450	2693	2697	2701	rVV	41862	46121	6.47%	0.449%
61	17.492	2701	2704	2710	rVB	32573	33868	4.75%	0.330%
62	17.709	2737	2741	2742	rBV4	8644	10136	1.42%	0.099%
63	17.786	2752	2754	2757	rVB4	12068	11513	1.61%	0.112%
64	17.845	2761	2764	2767	rVV2	22768	27457	3.85%	0.268%
65	17.892	2768	2772	2775	rVV	53115	62917	8.83%	0.613%
66	17.950	2780	2782	2785	rBV2	10781	11193	1.57%	0.109%
67	18.009	2788	2792	2794	rBV2	33721	43350	6.08%	0.422%
68	18.033	2794	2796	2800	rVV2	58530	62644	8.79%	0.610%
69	18.068	2800	2802	2805	rVB	21796	20608	2.89%	0.201%
70	18.109	2805	2809	2813	rVB2	27846	34516	4.84%	0.336%
71	18.168	2813	2819	2823	rBV	49055	64495	9.05%	0.628%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

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-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.233	2826	2830	2831	rBV	14056	15634	2.19%	0.152%
73	18.262	2832	2835	2839	rVB5	36252	45050	6.32%	0.439%
74	18.327	2840	2846	2850	rBV2	473046	712939	100.00%	6.947%
75	18.362	2850	2852	2858	rVB2	223440	250265	35.10%	2.439%
76	18.450	2865	2867	2872	rVB2	24155	28692	4.02%	0.280%
77	18.544	2878	2883	2885	rBV4	22880	36746	5.15%	0.358%
78	18.609	2892	2894	2898	rVB2	19355	20460	2.87%	0.199%
79	18.662	2899	2903	2908	rVB4	53208	70800	9.93%	0.690%
80	18.709	2908	2911	2913	rBV4	11152	10511	1.47%	0.102%
81	18.839	2927	2933	2936	rBV	63970	75562	10.60%	0.736%
82	18.880	2936	2940	2943	rVB2	38615	45096	6.33%	0.439%
83	18.921	2944	2947	2949	rBV4	27577	29549	4.14%	0.288%
84	18.950	2950	2952	2955	rVB3	27123	26216	3.68%	0.255%
85	18.986	2955	2958	2964	rBV4	23248	47369	6.64%	0.462%
86	19.050	2966	2969	2973	rVB	45206	42808	6.00%	0.417%
87	19.356	3018	3021	3025	rVB5	16860	20335	2.85%	0.198%
88	19.415	3027	3031	3033	rBV4	39803	45815	6.43%	0.446%
89	19.444	3033	3036	3039	rVB3	24190	23791	3.34%	0.232%
90	19.597	3057	3062	3065	rBV	200343	264388	37.08%	2.576%
91	19.621	3065	3066	3072	rVB2	90850	97504	13.68%	0.950%
92	19.709	3078	3081	3085	rBV	38587	46597	6.54%	0.454%
93	19.774	3088	3092	3096	rVB2	33339	45057	6.32%	0.439%
94	19.886	3107	3111	3115	rBV	129605	135941	19.07%	1.325%
95	19.944	3118	3121	3124	rBV	152017	145256	20.37%	1.415%
96	19.997	3126	3130	3134	rBV2	262582	289792	40.65%	2.824%
97	21.174	3326	3330	3338	rVB	72907	127660	17.91%	1.244%
98	21.350	3356	3360	3364	rVB4	20082	32734	4.59%	0.319%
99	21.503	3382	3386	3394	rVB2	57785	103818	14.56%	1.012%
100	21.709	3418	3421	3425	rBV5	16900	28228	3.96%	0.275%

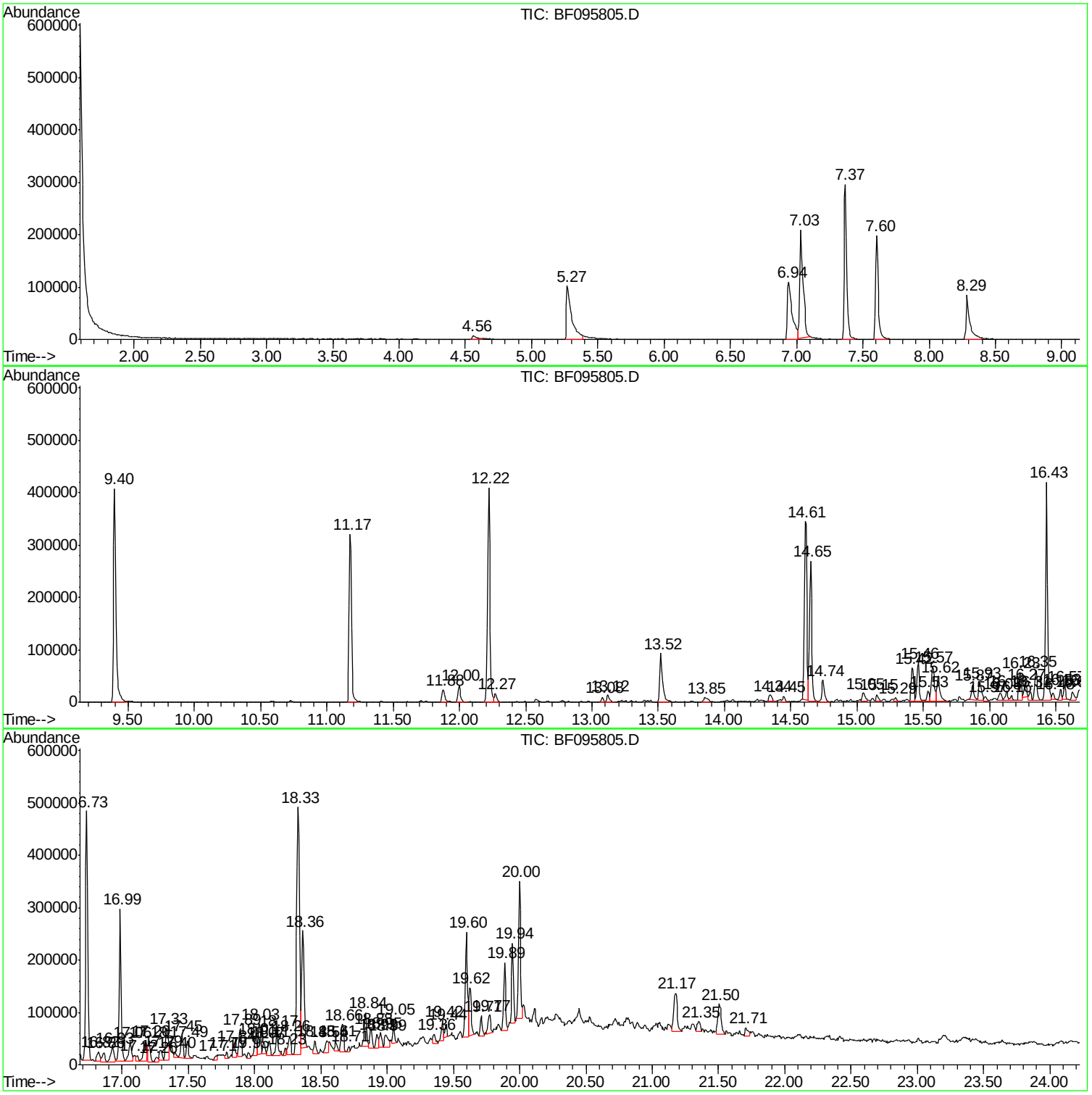
Sum of corrected areas: 10261918

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

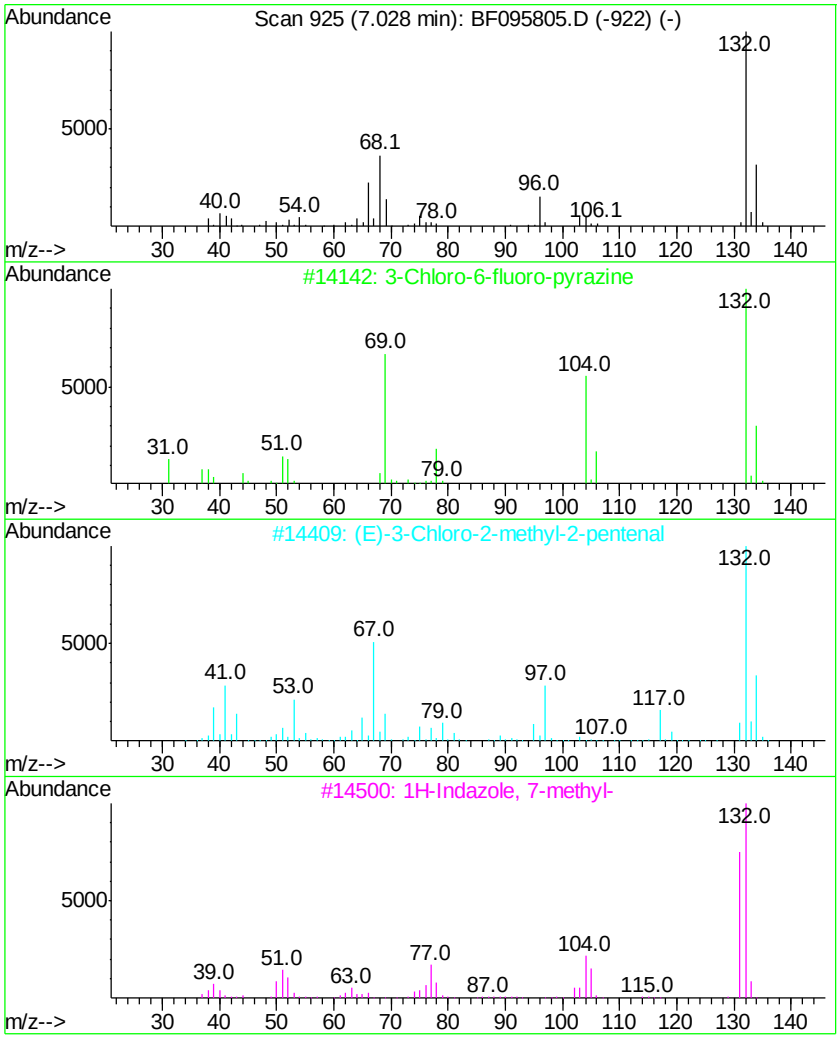
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

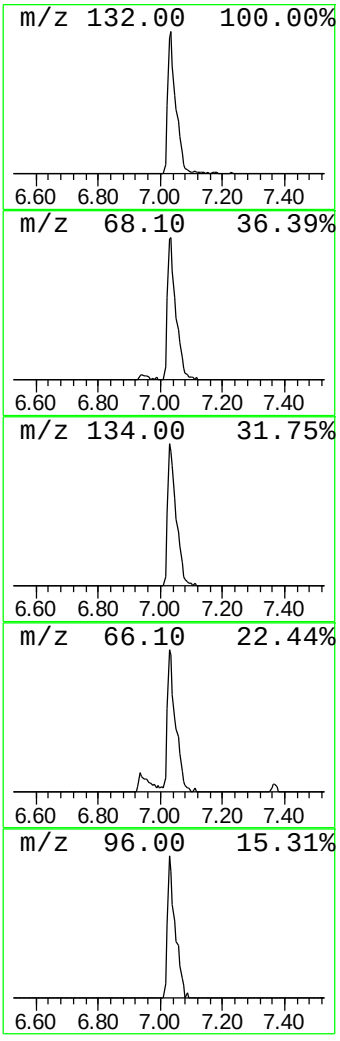
****

Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	19.65 ng	390836	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

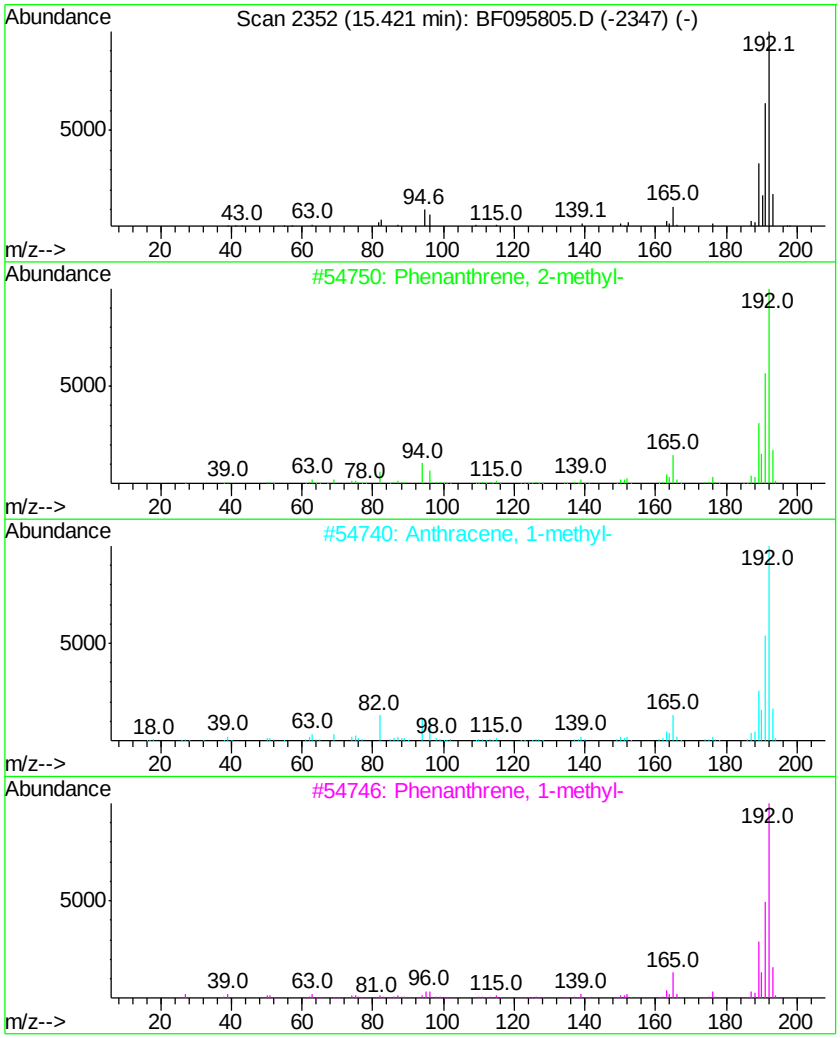
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

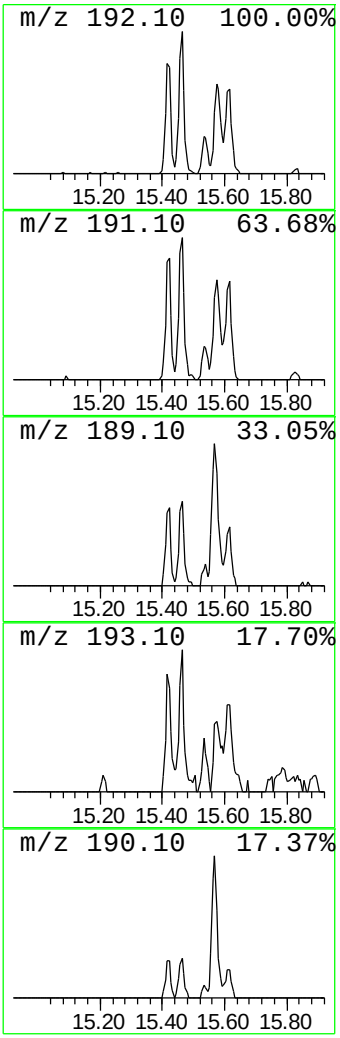
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	3.54 ng	75977	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

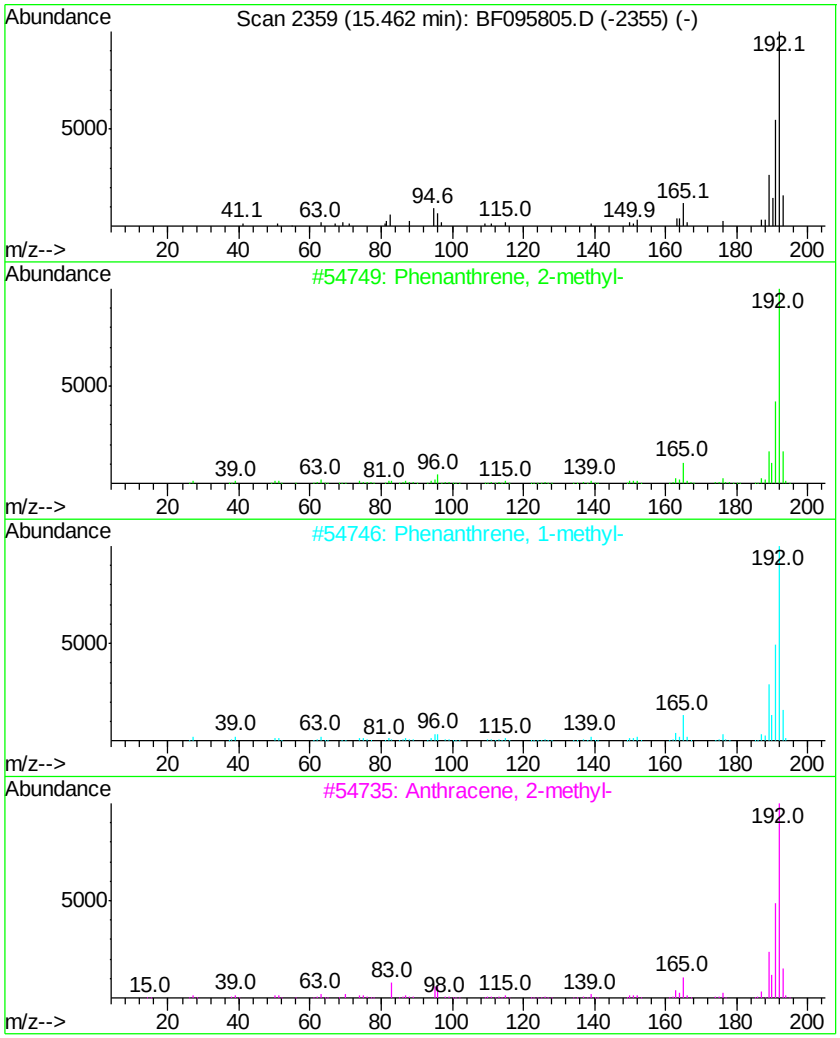
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

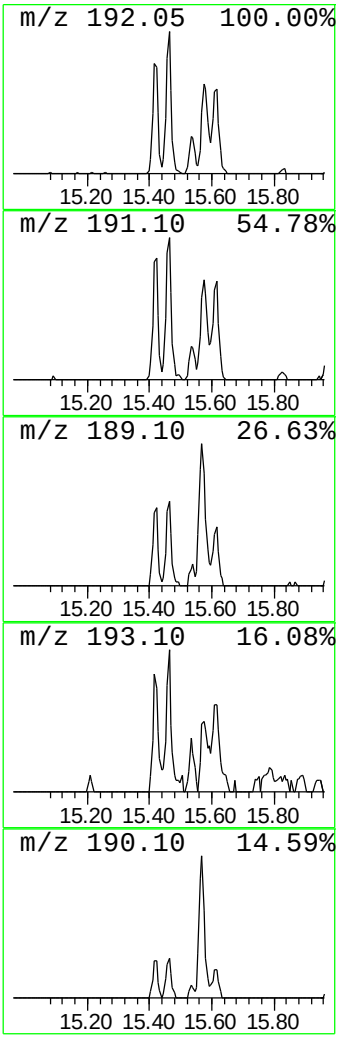
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	4.07 ng	87226	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

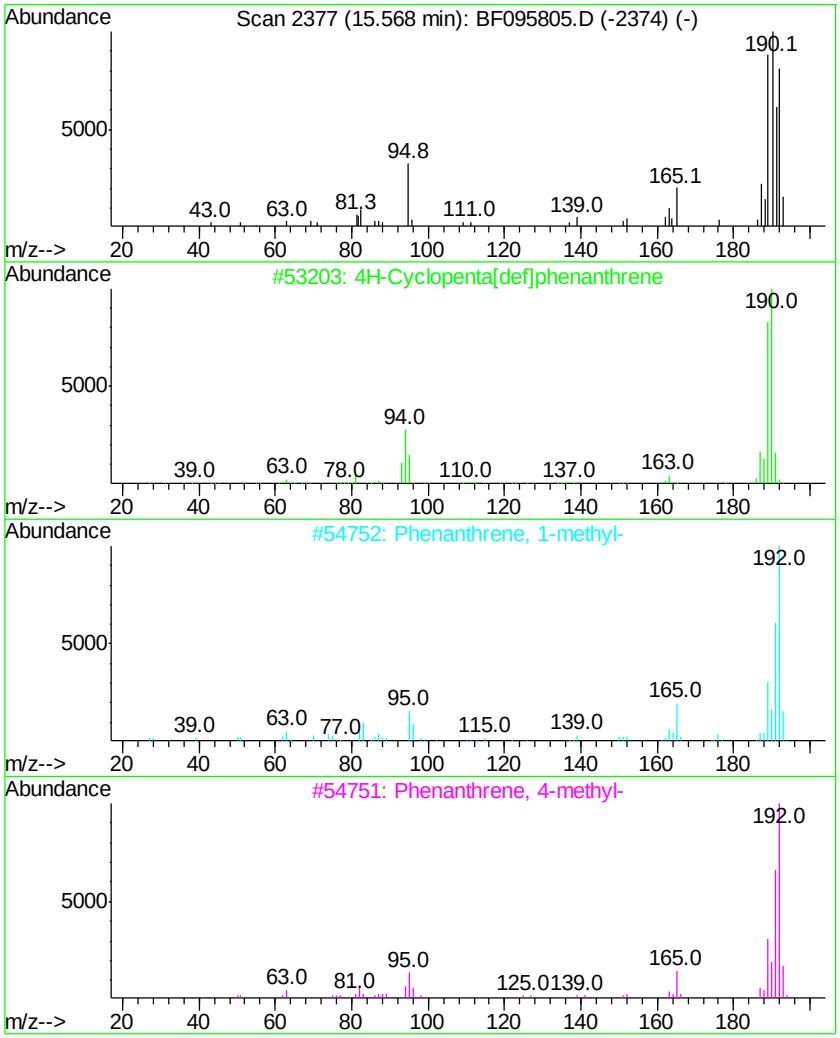
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

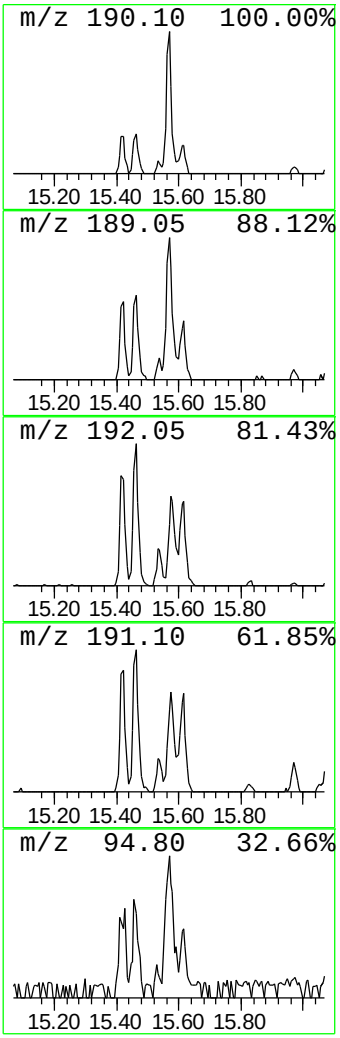
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.95 ng	106186	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

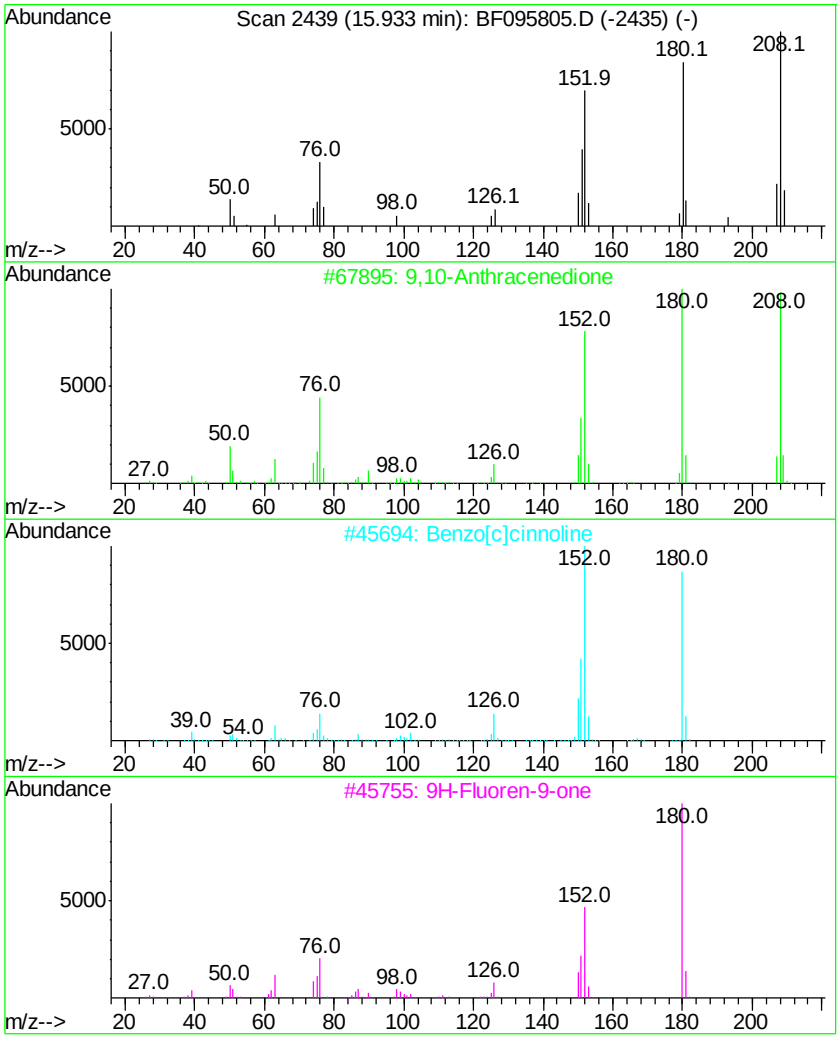
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

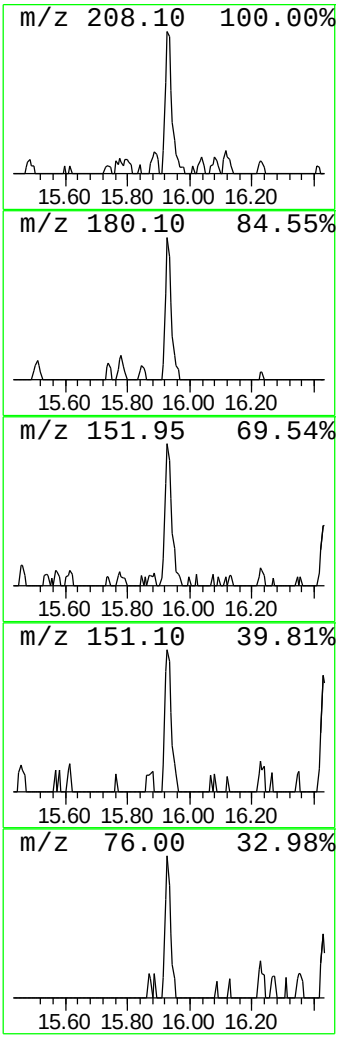
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.15 ng	46066	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

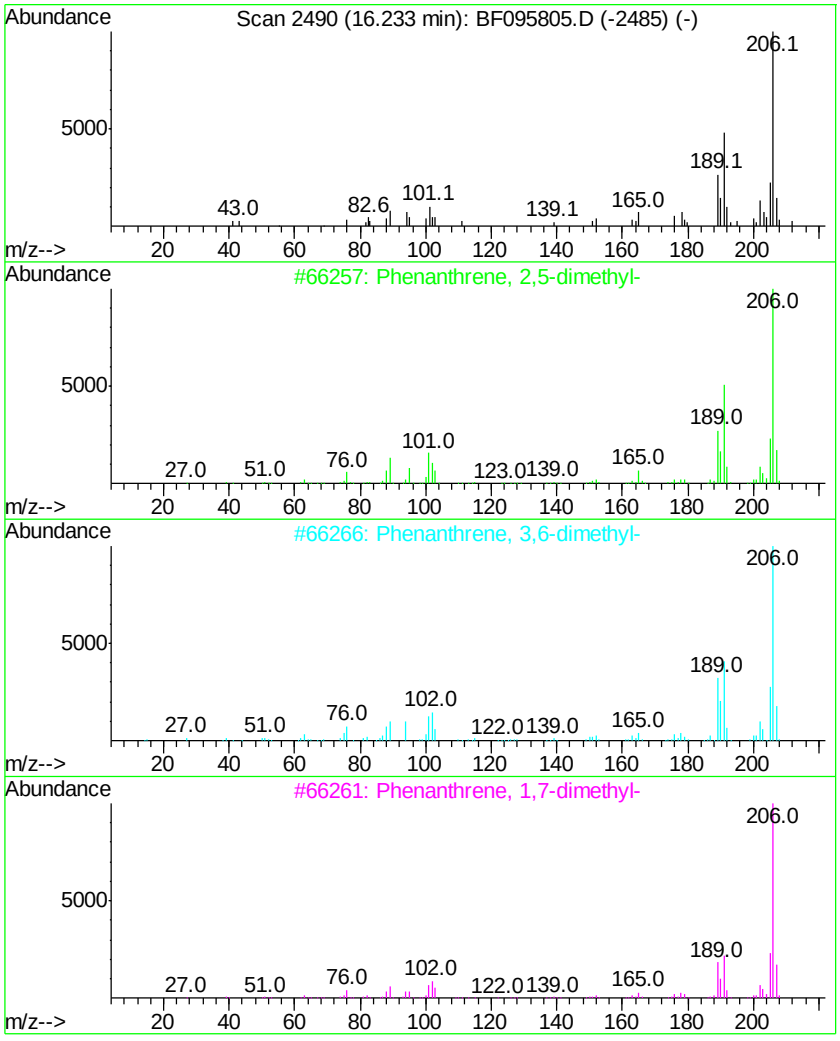
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

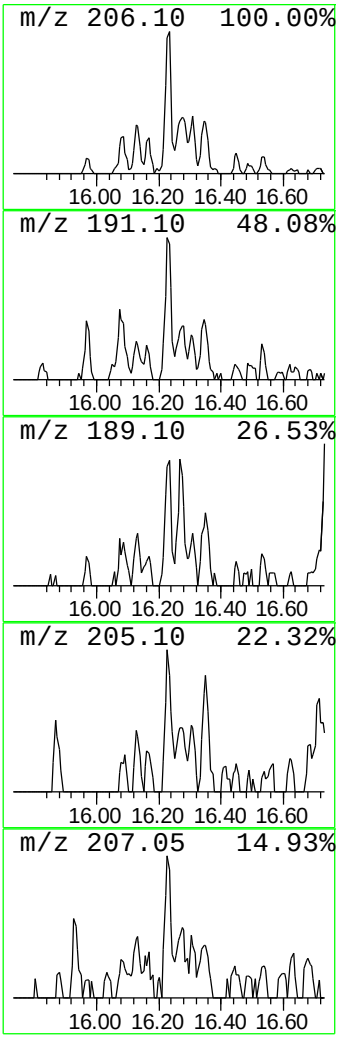
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	3.39 ng	72670	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

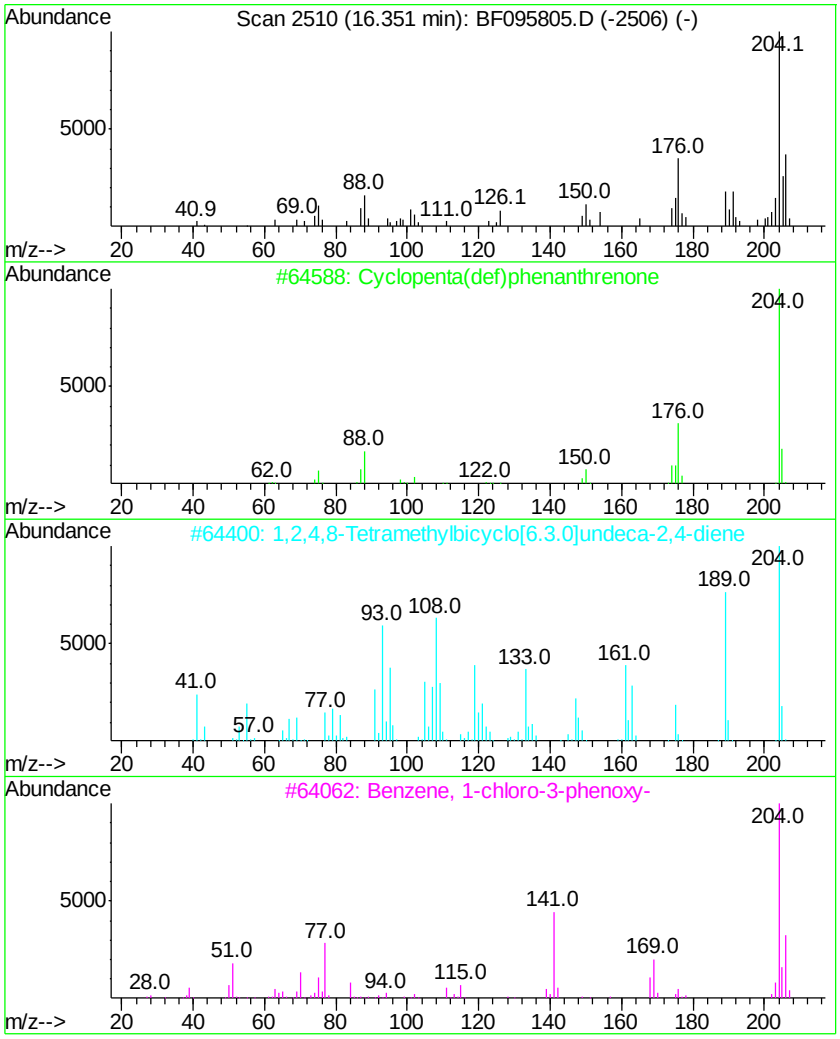
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

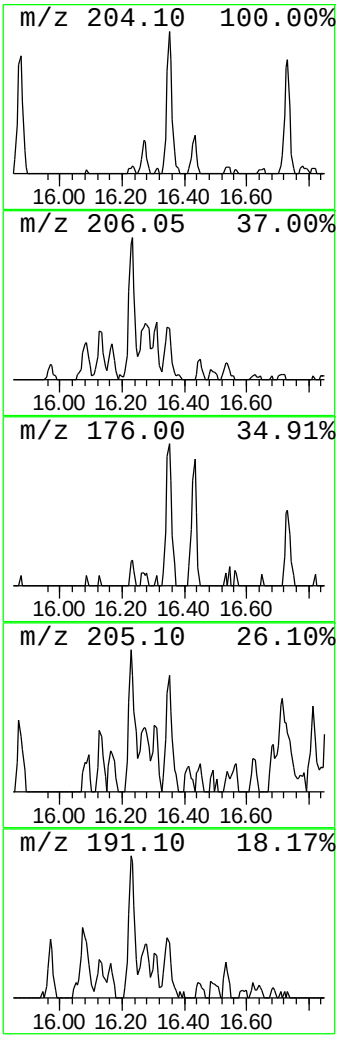
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	3.34 ng	71591	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	50
4	4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

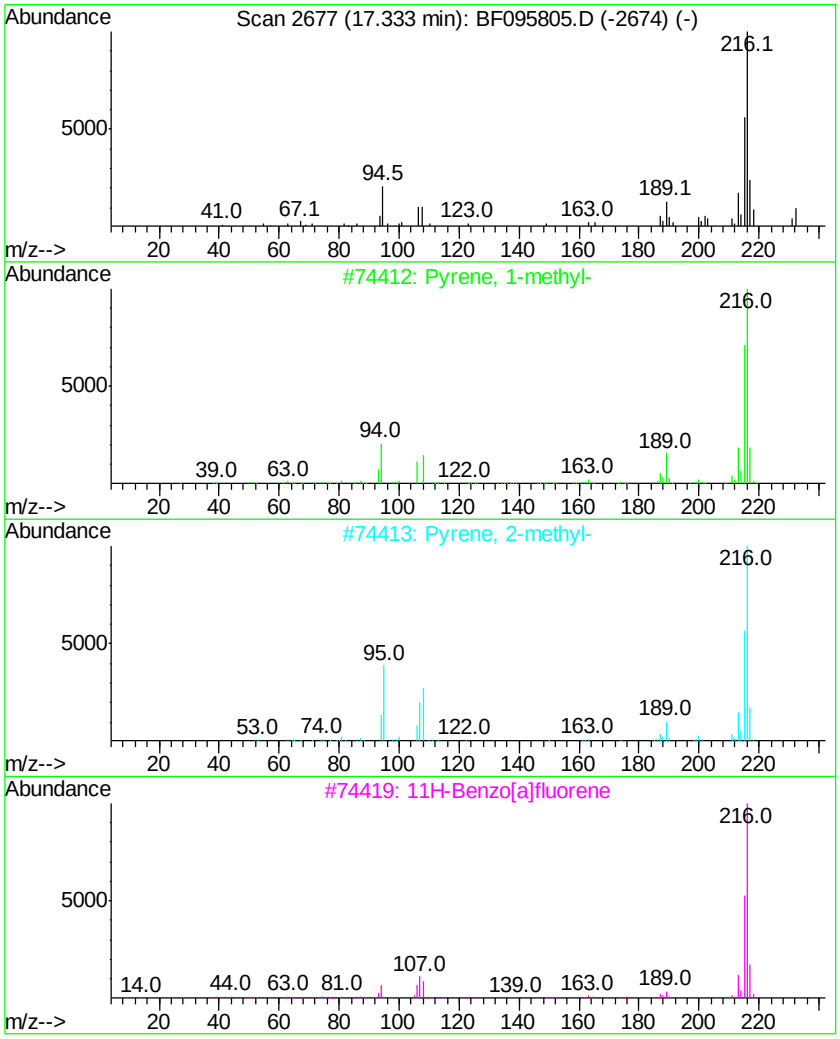
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

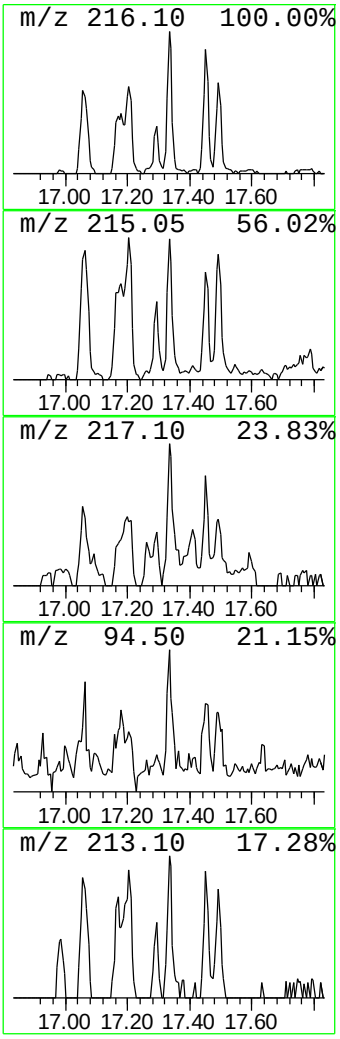
****

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	2.52 ng	89934	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

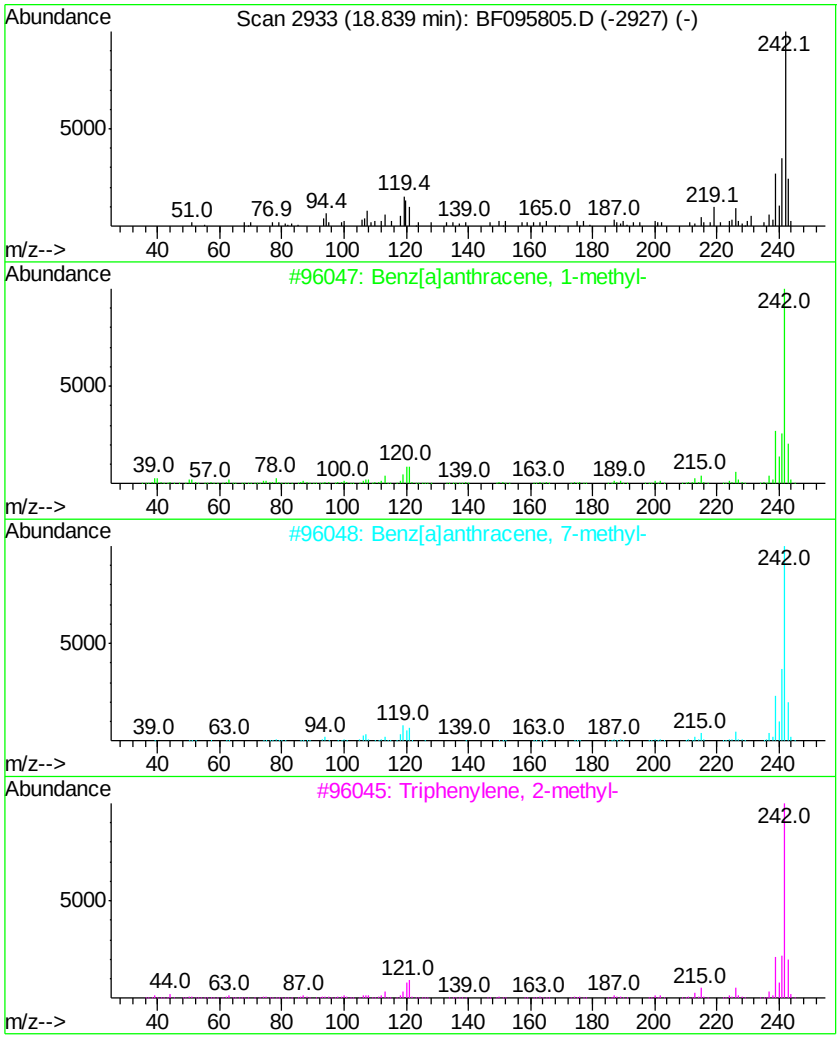
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

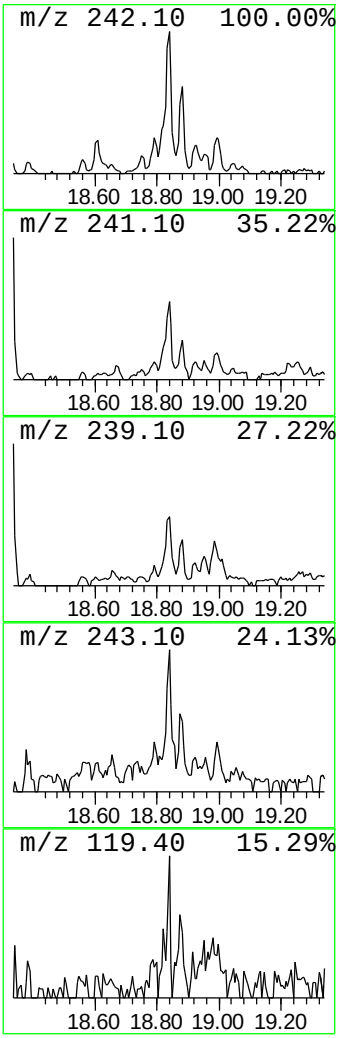
****

Peak Number 11 Benz[a]anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.12 ng	75562	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

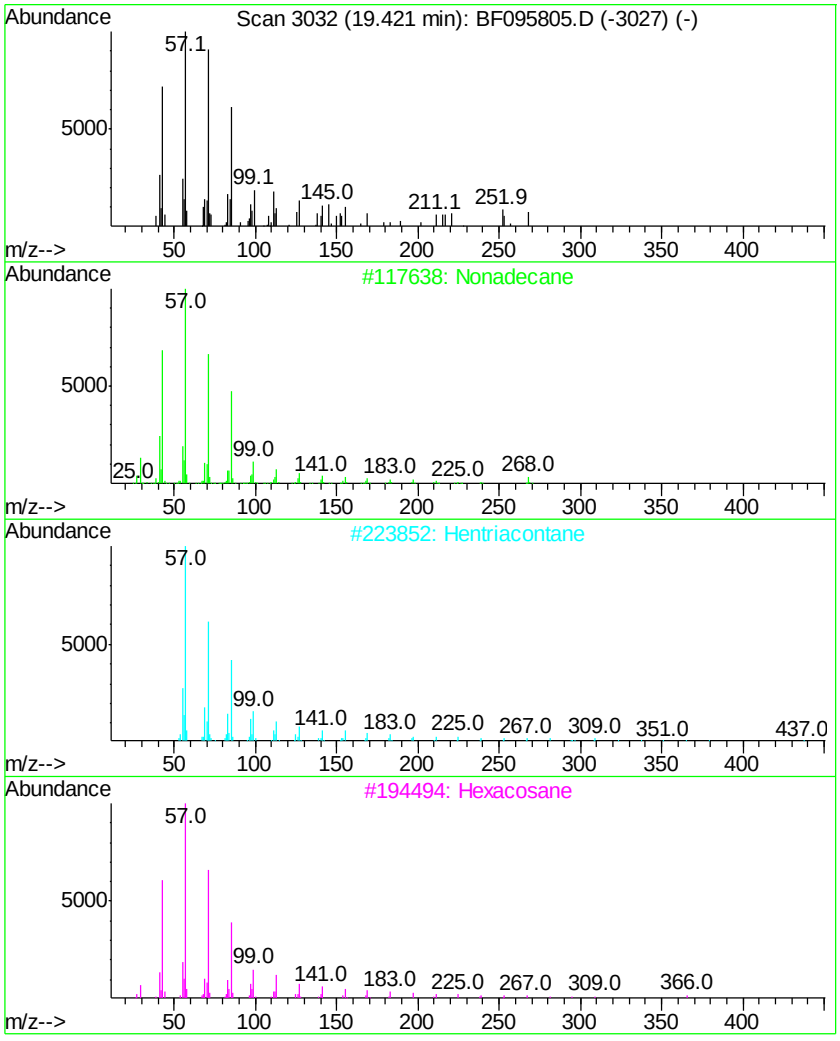
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

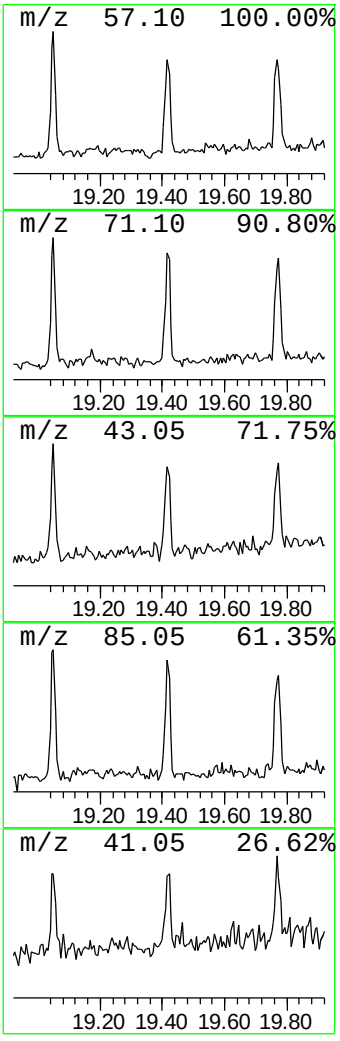
****

Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	3.16 ng	45815	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hentriacontane	437	C31H64	000630-04-6	68
3	Hexacosane	366	C26H54	000630-01-3	68
4	Octacosane	394	C28H58	000630-02-4	68
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

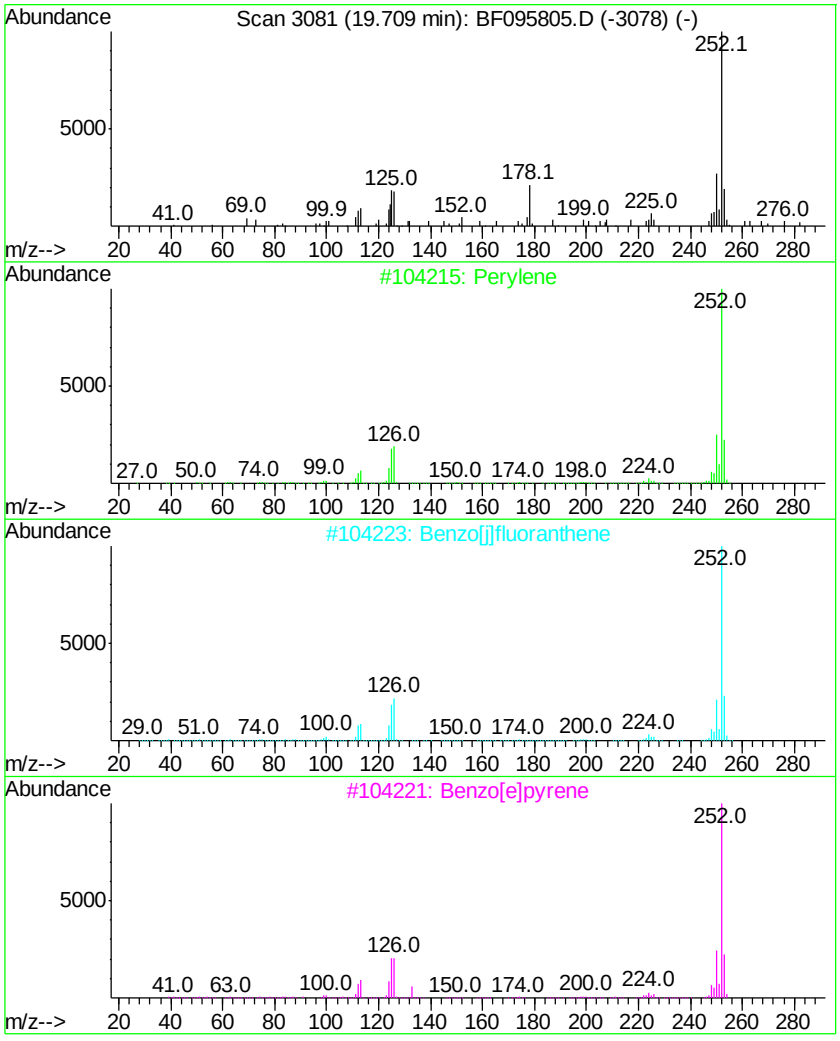
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

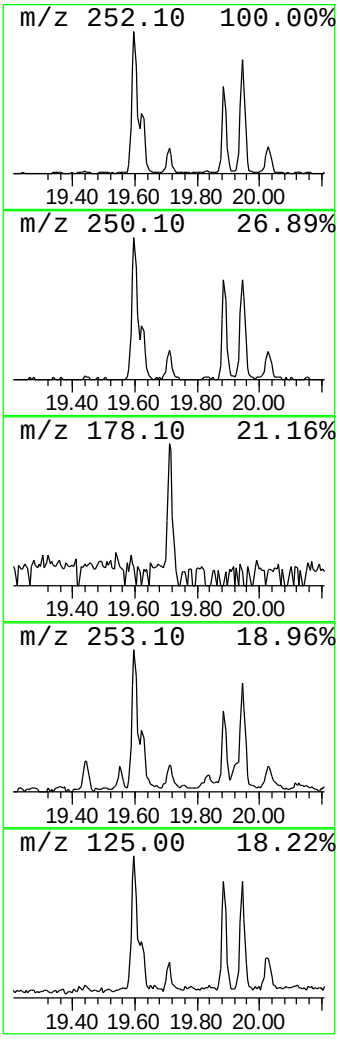
****

Peak Number 13 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	3.22 ng	46597	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	92
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

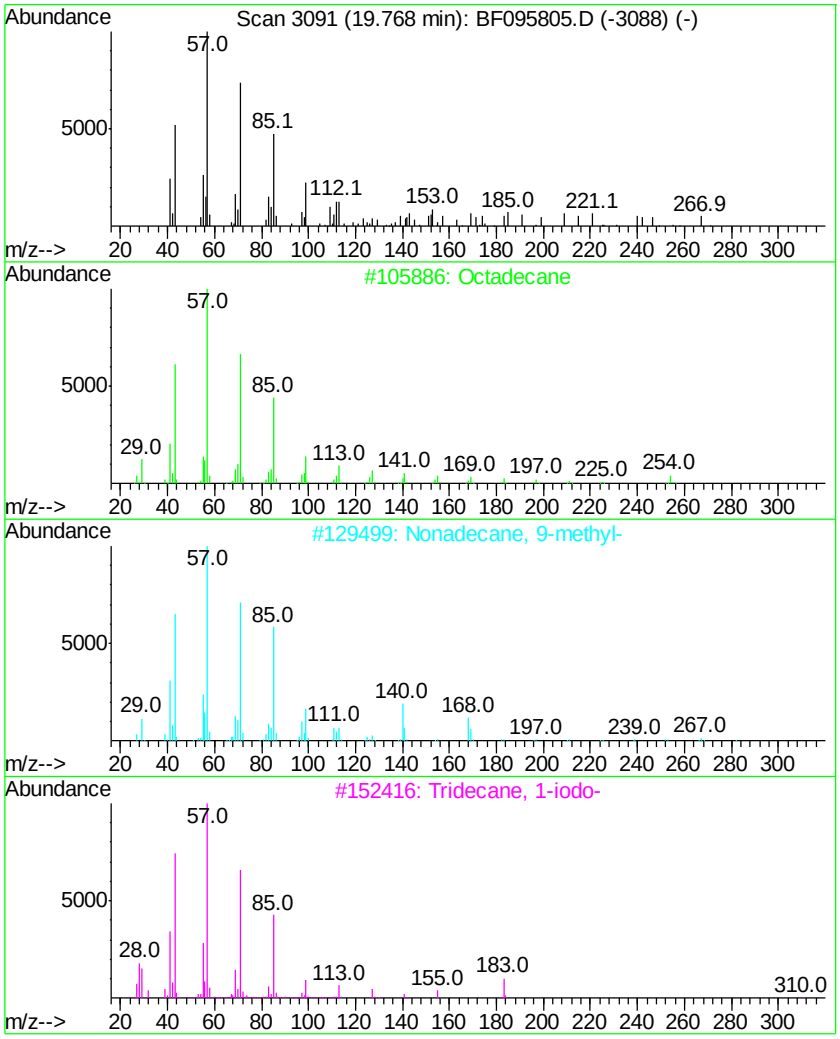
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

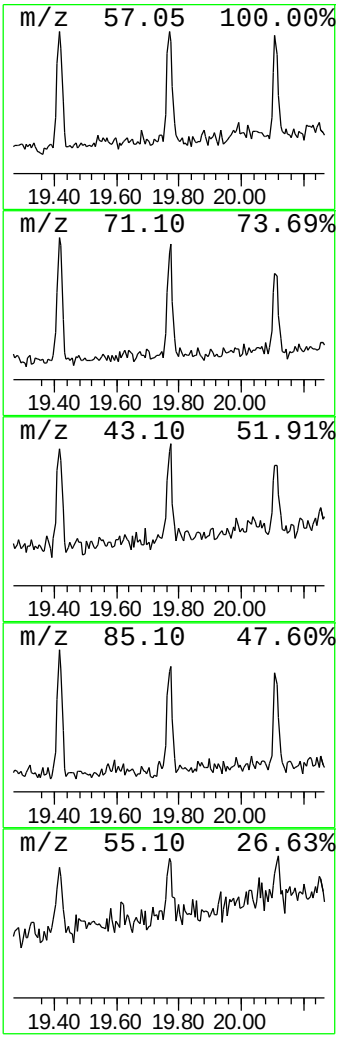
****

Peak Number 14 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	3.11 ng	45057	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	68
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5	Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

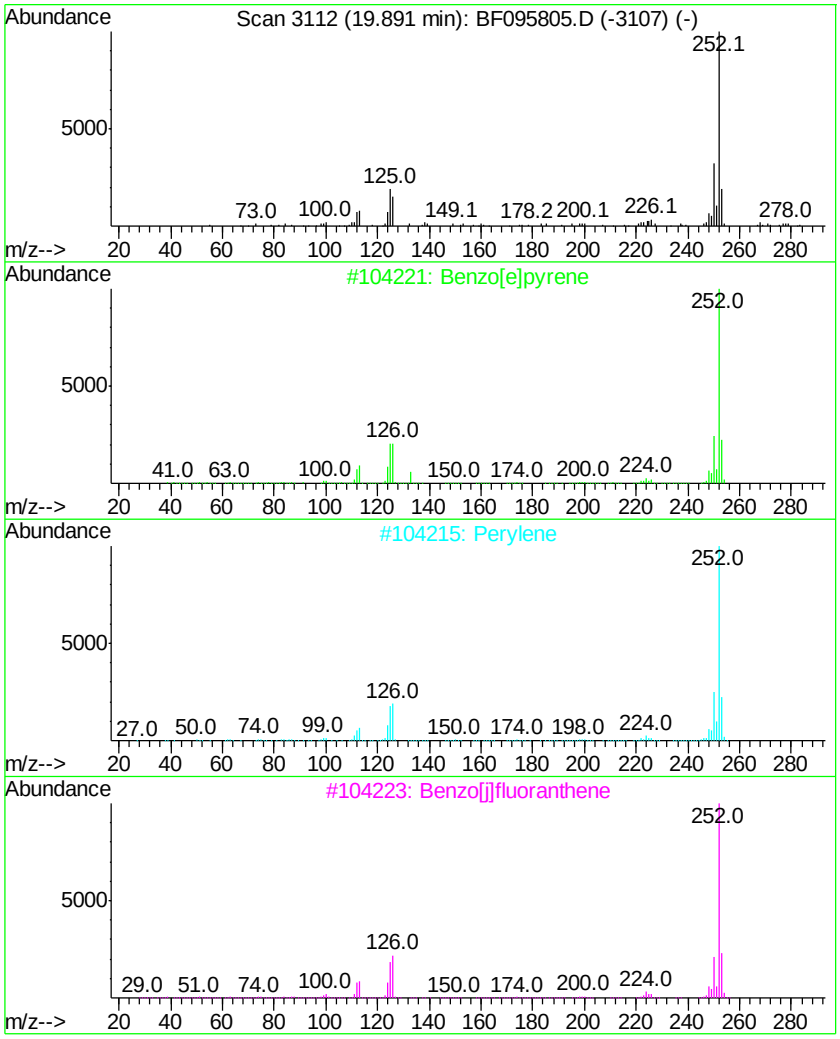
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

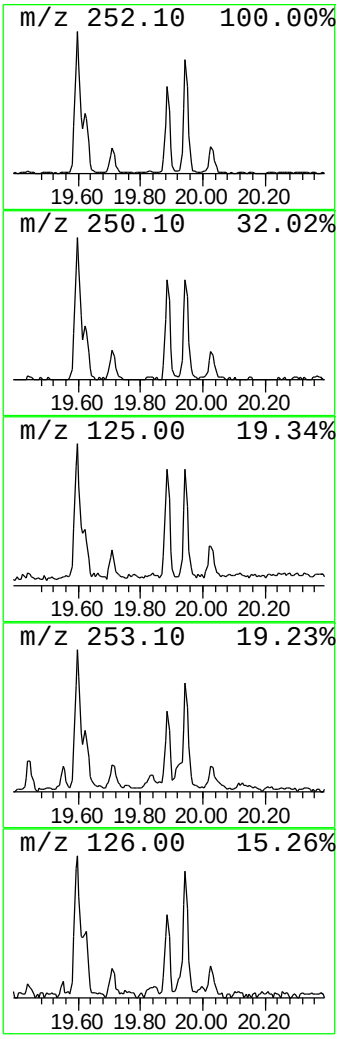
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	9.38 ng	135941	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

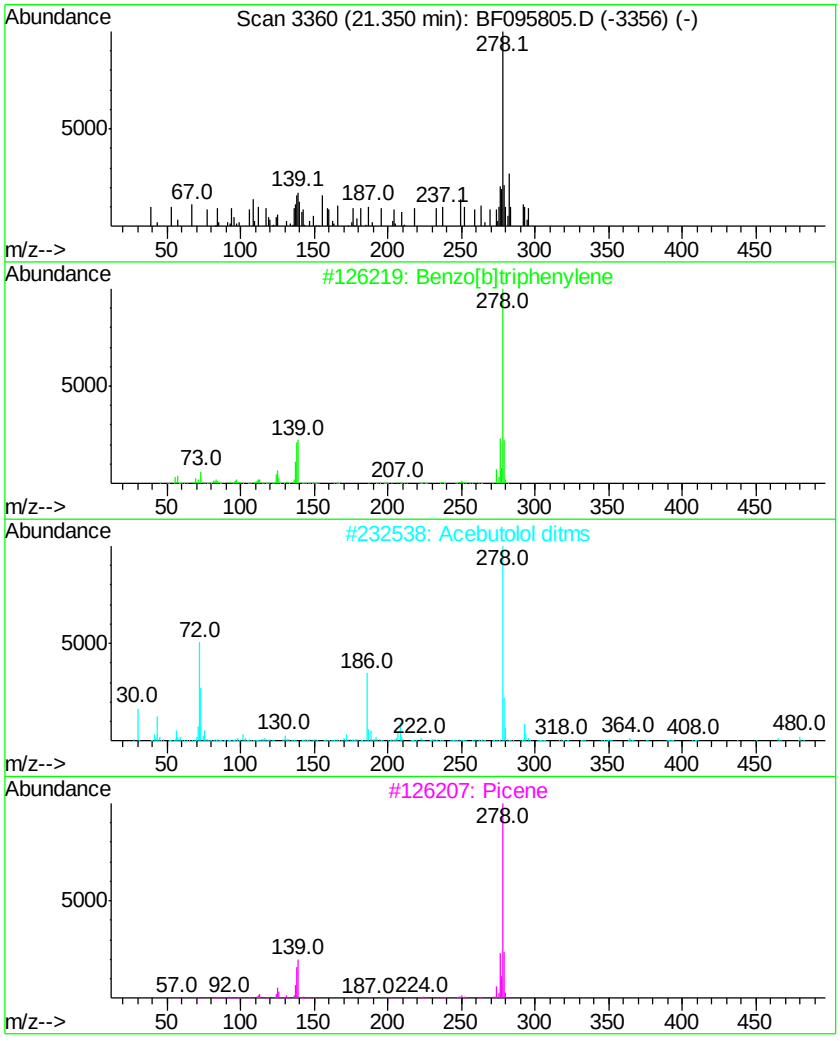
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

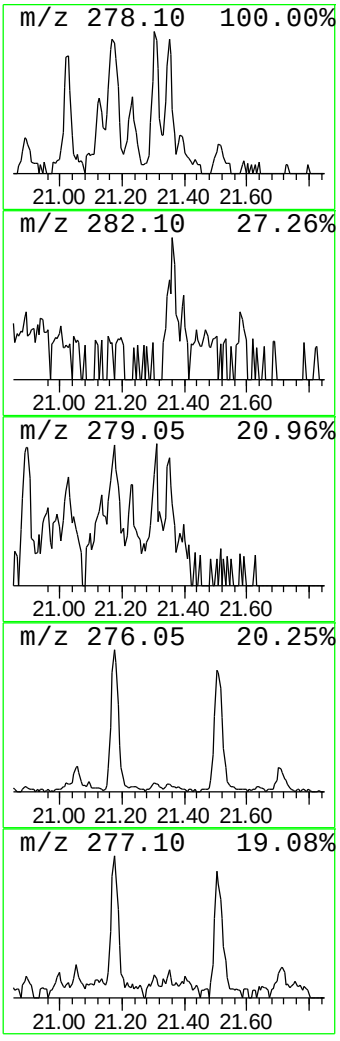
****

Peak Number 16 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.26 ng	32734	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	50
2	Acebutolol ditms	480	C24H44N2O4Si2	1000331-71-8	47
3	Picene	278	C22H14	000213-46-7	46
4	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	43
5	2-Chloro-4,6-bis(3-thienyl)pyrim...	278	C12H7ClN2S2	131022-83-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
Data File : BF095805.D
Acq On : 9 Jun 2017 2:55
Operator : SJ/MA
Sample : I3470-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-47-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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
unknown7.03	7.03	19.6	ng	390836	1	7.37	397789	20.0
Phenanthrene, 2-m...	15.42	3.5	ng	75977	4	14.61	429150	20.0
Phenanthrene, 1-m...	15.46	4.1	ng	87226	4	14.61	429150	20.0
4H-Cyclopenta[def...	15.57	5.0	ng	106186	4	14.61	429150	20.0
9,10-Anthracenedione	15.93	2.1	ng	46066	4	14.61	429150	20.0
Phenanthrene, 2,5...	16.23	3.4	ng	72670	4	14.61	429150	20.0
Cyclopenta(def)ph...	16.35	3.3	ng	71591	4	14.61	429150	20.0
Pyrene, 1-methyl-	17.33	2.5	ng	89934	5	18.33	712939	20.0
Benz[a]anthracene...	18.84	2.1	ng	75562	5	18.33	712939	20.0
Nonadecane	19.42	3.2	ng	45815	6	20.00	289792	20.0
Perylene	19.71	3.2	ng	46597	6	20.00	289792	20.0
Octadecane	19.77	3.1	ng	45057	6	20.00	289792	20.0
Benzo[e]pyrene	19.89	9.4	ng	135941	6	20.00	289792	20.0
Benzo[b]triphenylene	21.35	2.3	ng	32734	6	20.00	289792	20.0