LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095938.D
Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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	4.528	496	500	513	rBV	20742	55286	3.02%	0.332%
2	5.234	617	620	643	rBV	221837	626117	34.16%	3.761%
3	6.904	901	904	916	rBV	320105	718143	39.18%	4.314%
4	6.998	916	920	934	rVB	479313	939439	51.25%	5.643%
5	7.334	973	977	990	rBV	272675	375004	20.46%	2.253%
6	7.569	1013	1017	1037	rBV	442356	609285	33.24%	3.660%
7	8.251	1130	1133	1158	rBV	257869	497995	27.17%	2.991%
8	9.010	1257	1262	1284	rBV	185465	266596	14.54%	1.601%
9	9.369	1318	1323	1348	rBV	351476	514765	28.08%	3.092%
10	9.857	1402	1406	1410	rBV	118730	136247	7.43%	0.818%
11	9.904	1410	1414	1428	rVB	95824	142507	7.77%	0.856%
12	10.063	1436	1441	1444	rBV2	15154	20439	1.12%	0.123%
13	10.957	1587	1593	1602	rBV	534749	653833	35.67%	3.928%
14	11.145	1620	1625	1643	rBV	1288257	1832946	100.00%	11.010%
15	11.439	1670	1675	1682	rBB	41966	54019	2.95%	0.324%
16	11.845	1740	1744	1755	rVB	97988	134698	7.35%	0.809%
17	11.963	1760	1764	1774	rBV	53043	71071	3.88%	0.427%
18	12.186	1797	1802	1808	rBV2	435725	539174	29.42%	3.239%
19	12.963	1929	1934	1941	rVB2	19552	25070	1.37%	0.151%
20	13.045	1943	1948	1953	rVB2	21371	26618	1.45%	0.160%
21	13.480	2017	2022	2038	rVV	636357	901858	49.20%	5.417%
22	13.810	2074	2078	2087	rBV2	22112	34854	1.90%	0.209%
23	14.580	2205	2209	2213	rVV	345027	457234	24.95%	2.747%
24	14.615	2213	2215	2223	rVB	51366	81392	4.44%	0.489%
25	14.721	2229	2233	2239	rBV	37162	53715	2.93%	0.323%
26	14.815	2245	2249	2258	rBV2	10632	23767	1.30%	0.143%
27	15.033	2283	2286	2294	rBV	15868	27858	1.52%	0.167%
28	15.221	2313	2318	2322	rBV2	18467	27443	1.50%	0.165%
29	15.392	2341	2347	2352	rBV2	14214	24306	1.33%	0.146%
30	15.439	2352	2355	2359	rVB2	18833	22520	1.23%	0.135%
31	15.604	2378	2383	2388	rVV2	80940	105923	5.78%	0.636%
32	15.645	2388	2390	2398	rVB3	21468	26841	1.46%	0.161%
33	15.927	2434	2438	2445	rBV5	10427	20041	1.09%	0.120%
34	16.204	2477	2485	2488	rBV3	25403	40308	2.20%	0.242%

LSC Area Percent Report

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Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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	16.333	2501	2507	2513	rVB3	25896	46787	2.55%	0.281%
36	16.398	2513	2518	2525	rBV	253971	327184	17.85%	1.965%
37	16.545	2540	2543	2547	rVB	22579	22205	1.21%	0.133%
38	16.704	2566	2570	2577	rVV	340660	421038	22.97%	2.529%
39	16.904	2599	2604	2607	rBV3	17758	29153	1.59%	0.175%
40	16.956	2607	2613	2620	rVB	1344823	1561770	85.21%	9.381%
41	17.033	2620	2626	2631	rBV3	29008	49722	2.71%	0.299%
42	17.145	2641	2645	2649	rBV5	32082	62614	3.42%	0.376%
43	17.180	2649	2651	2656	rVB	35398	38658	2.11%	0.232%
44	17.262	2662	2665	2670	rBV2	19165	24598	1.34%	0.148%
45	17.315	2670	2674	2679	rBV2	52326	87480	4.77%	0.525%
46	17.427	2690	2693	2697	rVB	30561	30784	1.68%	0.185%
47	17.468	2697	2700	2703	rVB2	20084	21432	1.17%	0.129%
48	17.703	2732	2740	2741	rBV7	13391	27810	1.52%	0.167%
49	17.874	2766	2769	2775	rVB	33797	42718	2.33%	0.257%
50	17.980	2784	2787	2789	rBV2	25946	25851	1.41%	0.155%
51	18.009	2790	2792	2795	rVB2	26287	27170	1.48%	0.163%
52	18.045	2795	2798	2801	rBV	28302	25784	1.41%	0.155%
53	18.151	2812	2816	2822	rBV2	41847	55879	3.05%	0.336%
54	18.209	2822	2826	2835	rVV3	72380	131822	7.19%	0.792%
55	18.298	2835	2841	2845	rVV2	477553	755592	41.22%	4.539%
56	18.333	2845	2847	2859	rVV2	194157	316397	17.26%	1.901%
57	18.427	2861	2863	2867	rVB3	39522	43876	2.39%	0.264%
58	18.527	2878	2880	2885	rBV2	27066	30400	1.66%	0.183%
59	18.592	2887	2891	2894	rBV2	28152	41673	2.27%	0.250%
60	18.809	2925	2928	2932	rVV	48763	64744	3.53%	0.389%
61	18.850	2932	2935	2939	rVB3	44618	52448	2.86%	0.315%
62	18.927	2944	2948	2950	rBV4	24143	34486	1.88%	0.207%
63	18.956	2950	2953	2957	rBV4	33230	43863	2.39%	0.263%
64	19.527	3047	3050	3052	rBV2	25206	25025	1.37%	0.150%
65	19.568	3053	3057	3060	rBV	342791	456886	24.93%	2.744%
66	19.680	3073	3076	3079	rBV	75314	76942	4.20%	0.462%
67	19.856	3102	3106	3110	rBV	191197	207438	11.32%	1.246%
68	19.915	3112	3116	3121	rBV	257872	274467	14.97%	1.649%
69	19.968	3121	3125	3129	rBV	284655	340147	18.56%	2.043%
70	20.774	3259	3262	3265	rBV4	23450	30369	1.66%	0.182%
71	20.856	3274	3276	3283	rVB8	22630	33059	1.80%	0.199%

LSC Area Percent Report

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Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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	21.139	3320	3324	3331	rVB	123570	210318	11.47%	1.263%
73	21.268	3343	3346	3350	rBV2	33764	52286	2.85%	0.314%
74	21.468	3375	3380	3391	rVB	96756	191971	10.47%	1.153%
75	21.680	3412	3416	3423	rBV3	27354	48414	2.64%	0.291%
76	23.162	3661	3668	3678	rVB2	26047	69924	3.81%	0.420%
77	23.315	3687	3694	3703	rBV4	25146	76306	4.16%	0.458%
78	24.027	3808	3815	3816	rBV6	12962	22708	1.24%	0.136%

Sum of corrected areas: 16647510

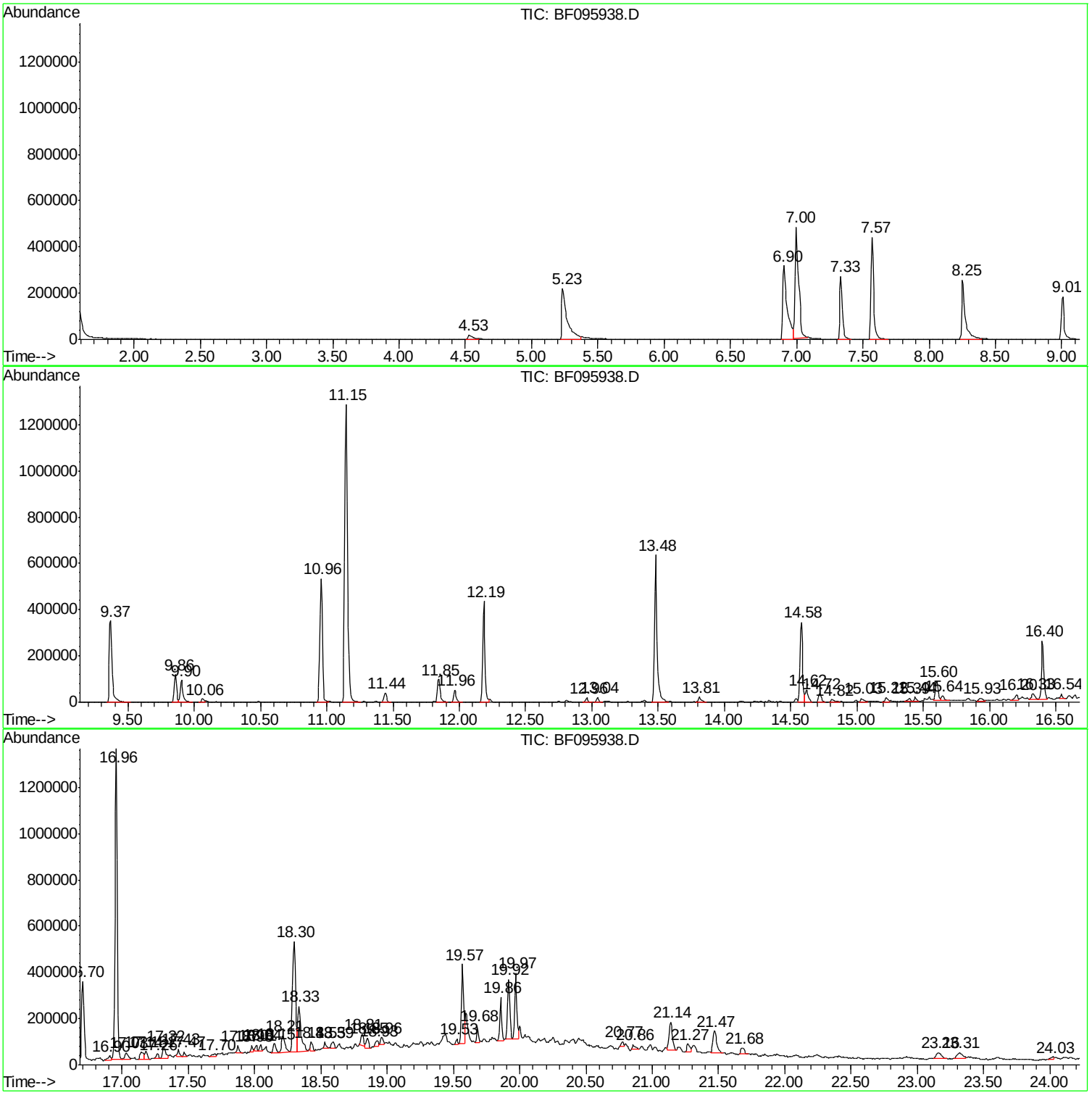
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095938.D
Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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\BF061417\
Data File : BF095938.D
Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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

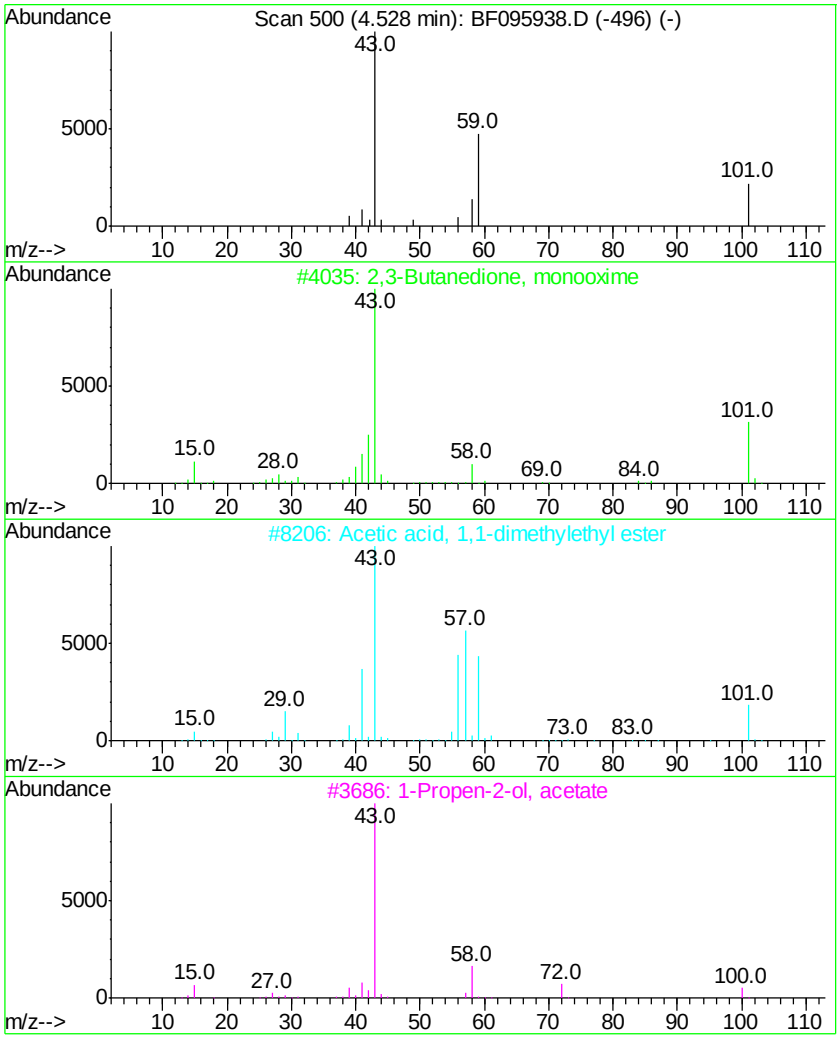
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

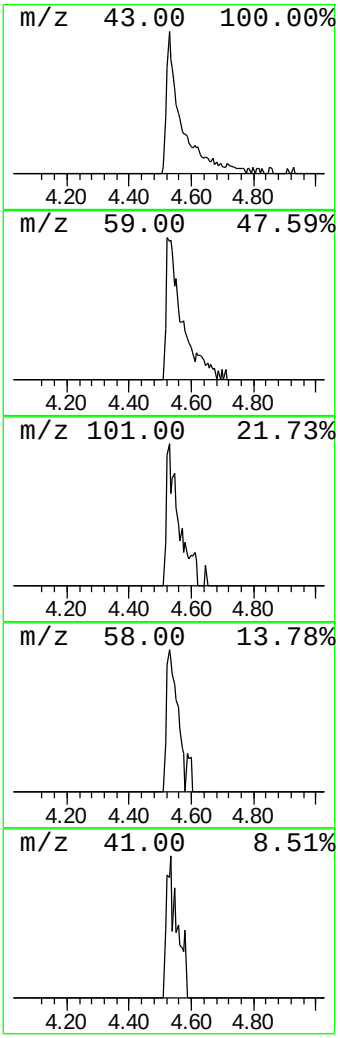
****

Peak Number 1 unknown4.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	2.95 ng	55286	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095938.D
Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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

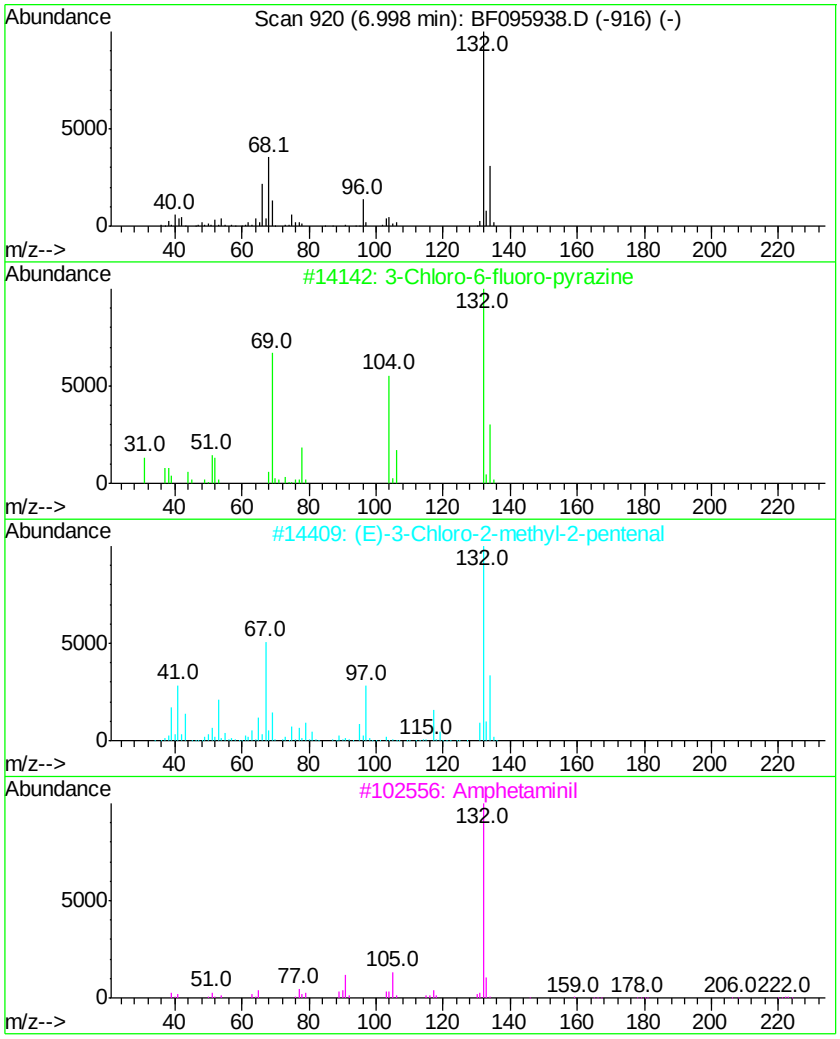
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

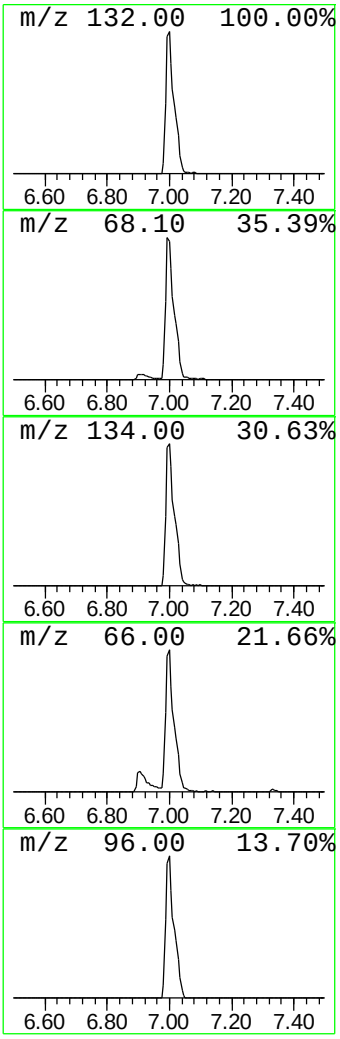
****

Peak Number 2 unknown7.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	50.10 ng	939439	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095938.D
Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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

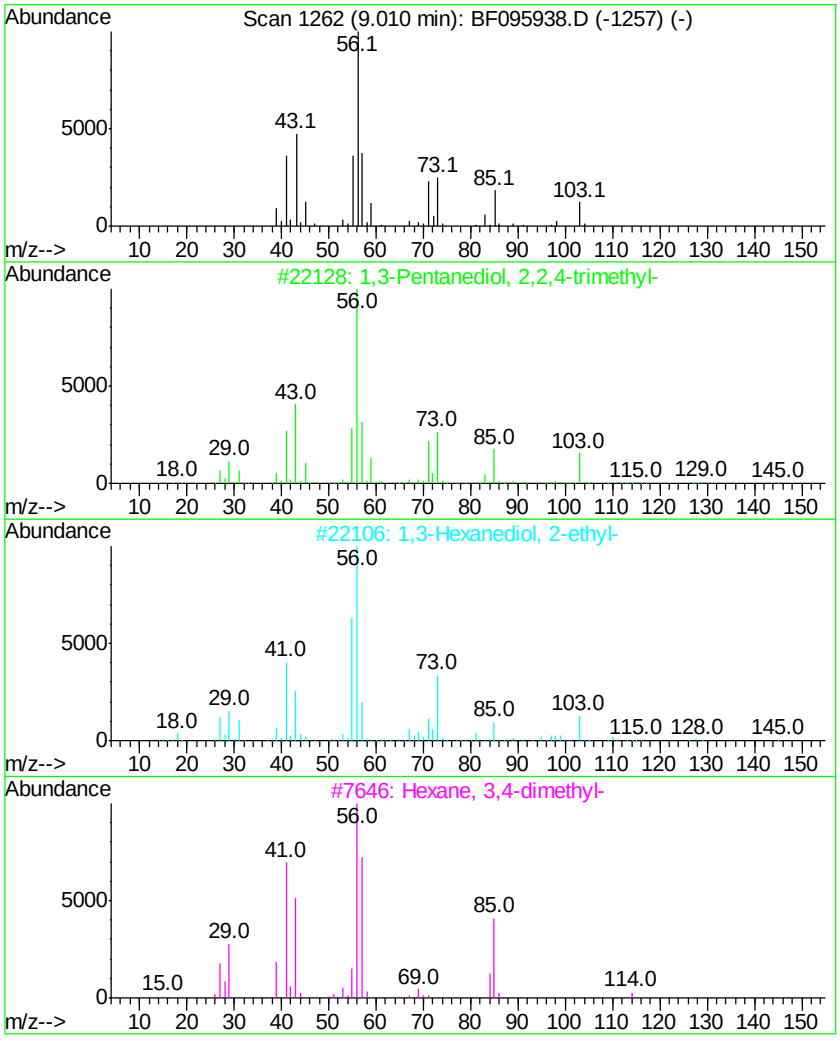
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

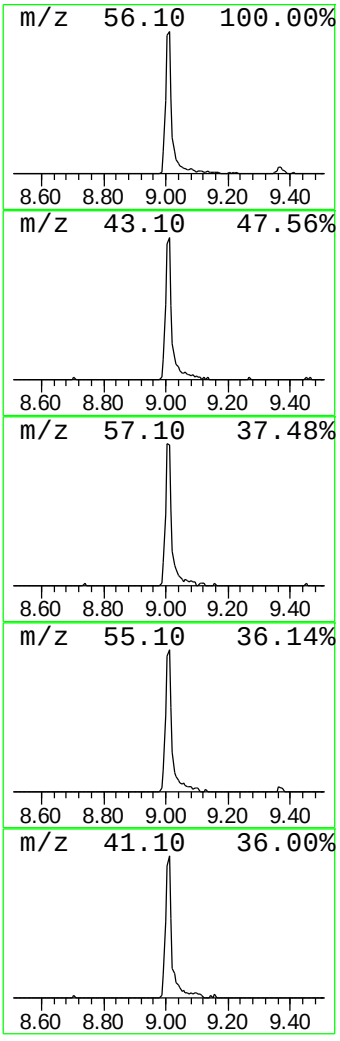
****

Peak Number 4 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	10.36 ng	266596	Naphthalene-d8	9.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	90
2	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	33
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	32
4	Cyclopentanamine	85	C5H11N	001003-03-8	32
5	2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
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Instrument : BNA_F
ClientSampleId : RO-351

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

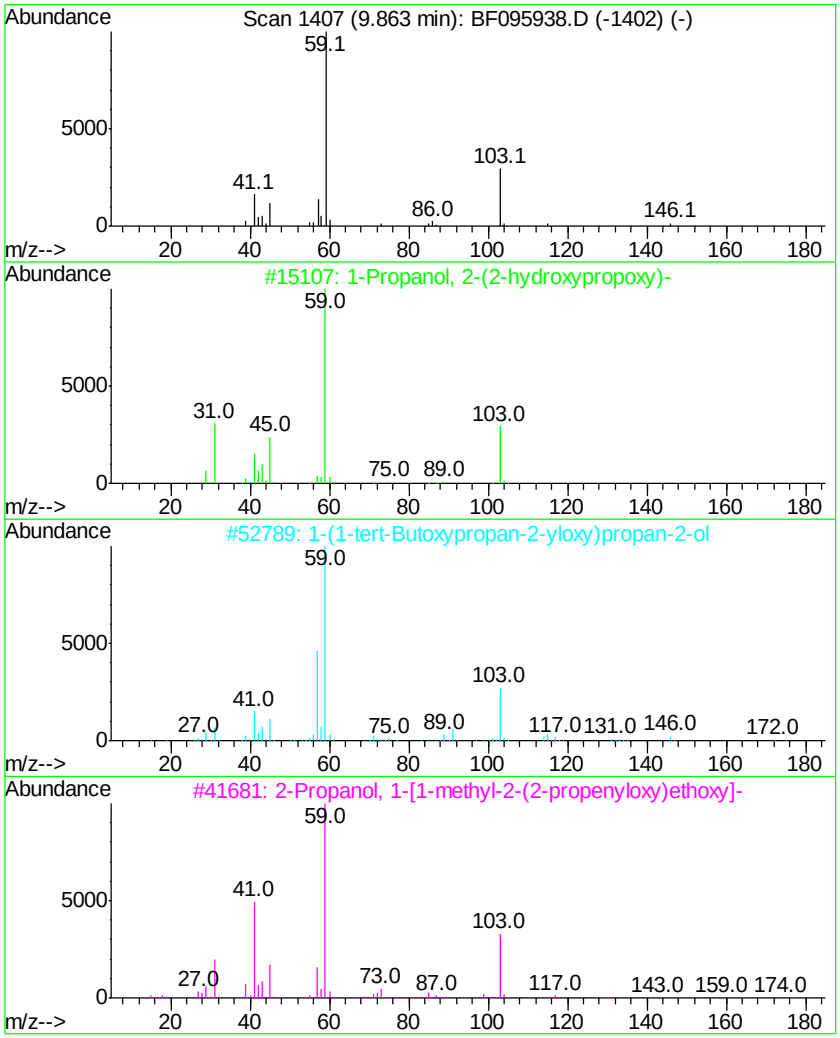
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

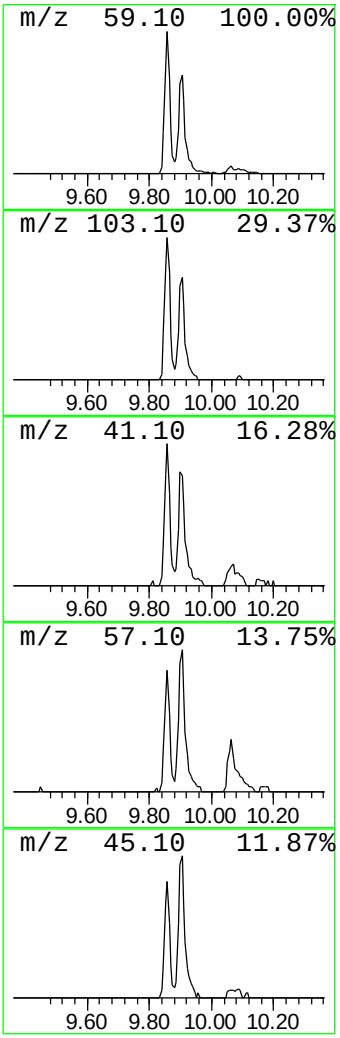
****

Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	5.29 ng	136247	Naphthalene-d8	9.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	78
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
5	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	64





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ClientSampleId : RO-351

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

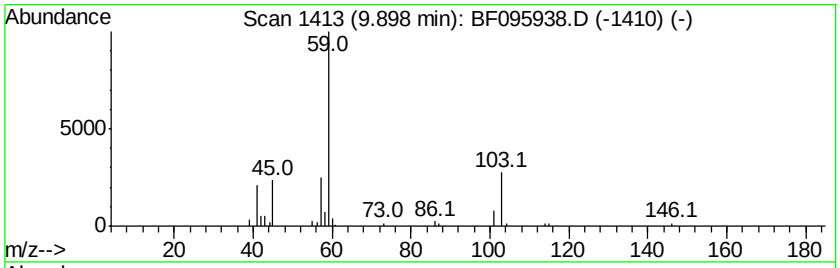
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

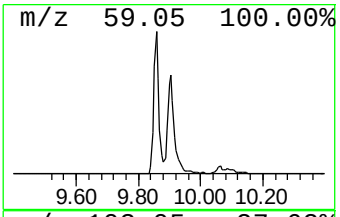
****

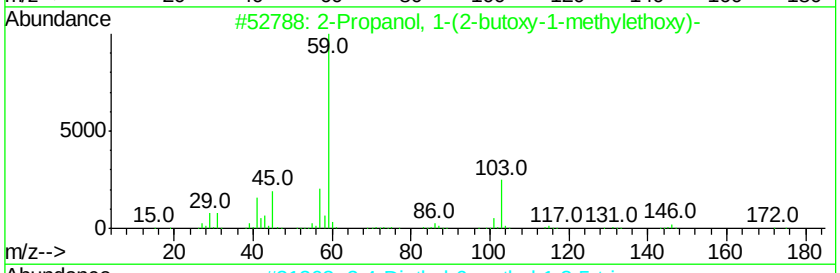
Peak Number 6 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 6

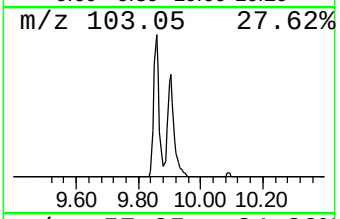
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	5.54 ng	142507	Naphthalene-d8	9.37

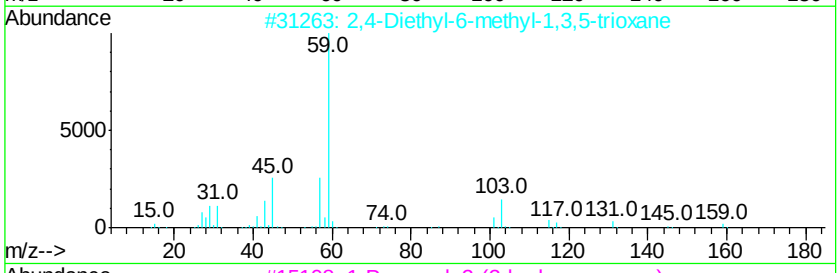
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	90
2	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	78
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
4	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	72
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	72

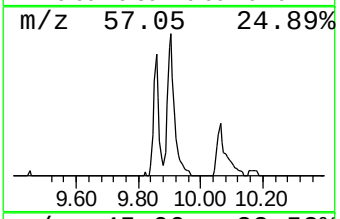


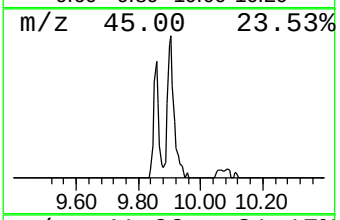


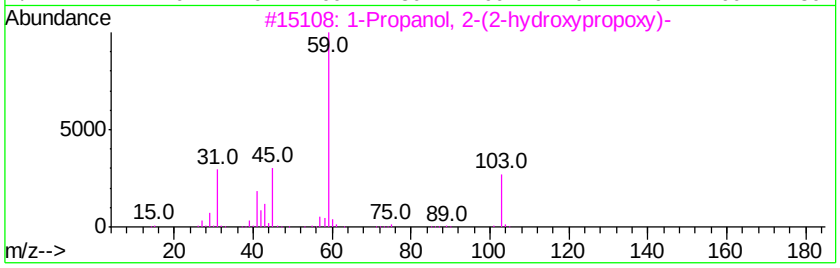


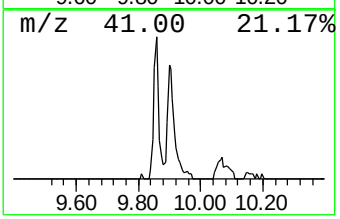












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Acq On : 14 Jun 2017 23:33
Operator : SJ/MA
Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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

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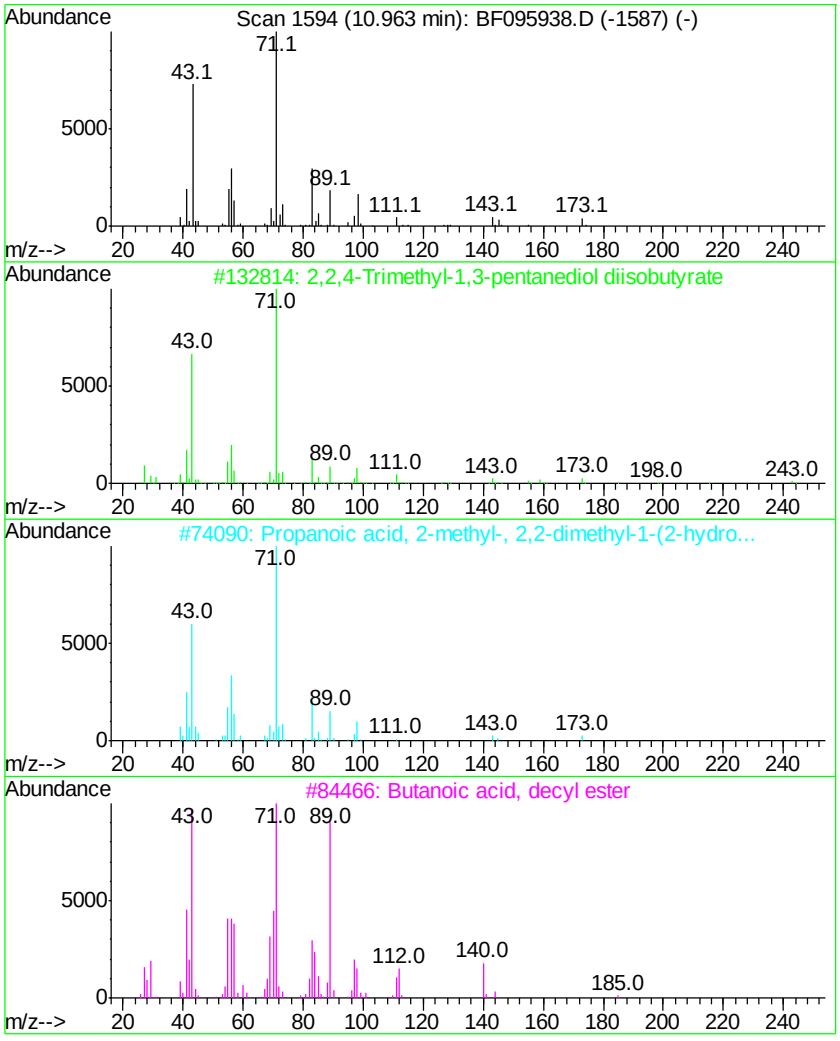
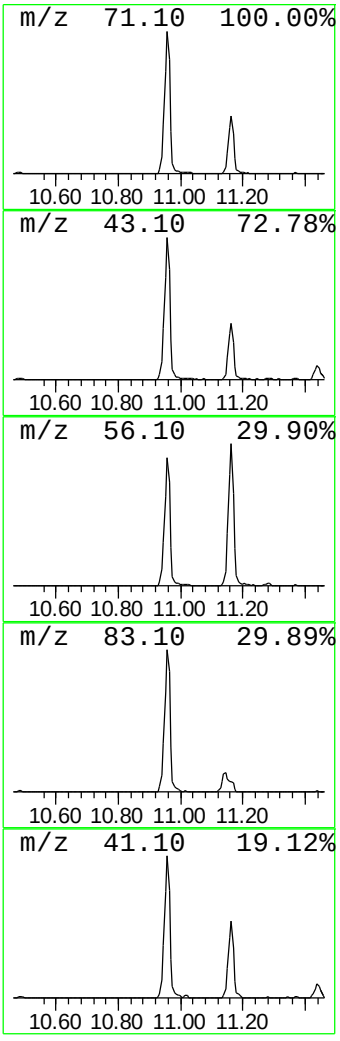
Peak Number 7 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	24.25 ng	653833	Acenaphthene-d10	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78
2	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	78
3	Butanoic acid, decyl ester	228	C14H28O2	005454-09-1	45
4	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	42
5	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	38





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Instrument : BNA_F
ClientSampleId : RO-351

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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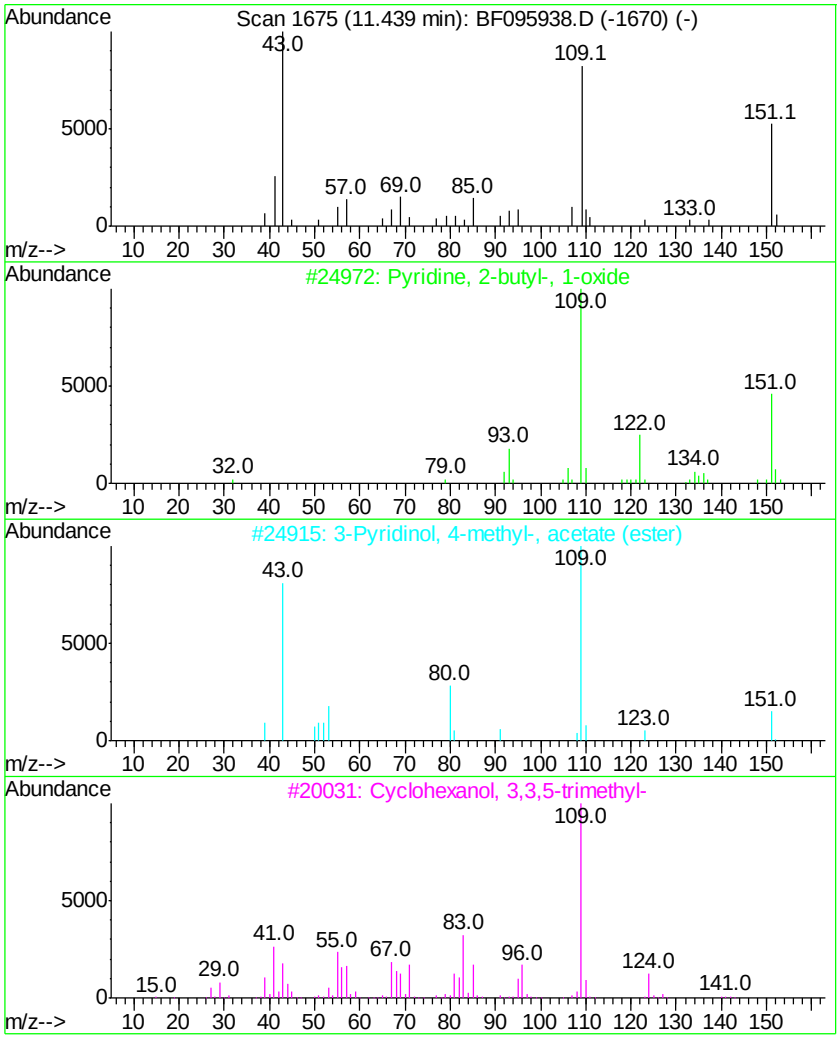
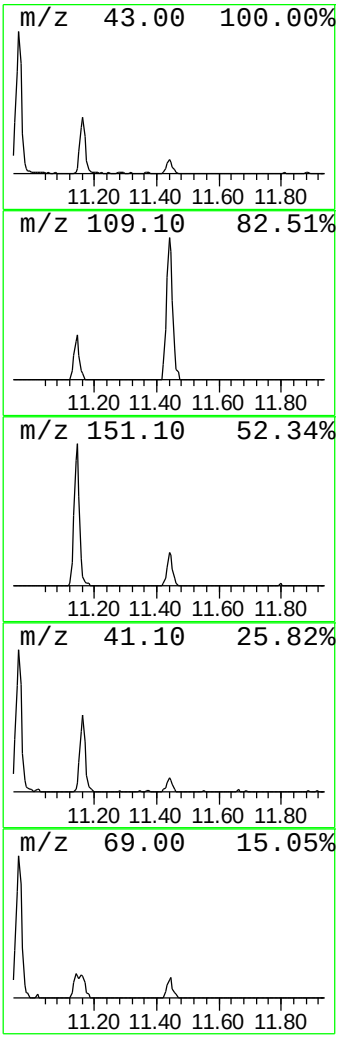
Peak Number 8 Pyridine, 2-butyl-, 1-oxide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	2.00 ng	54019	Acenaphthene-d10	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	64
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	37





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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

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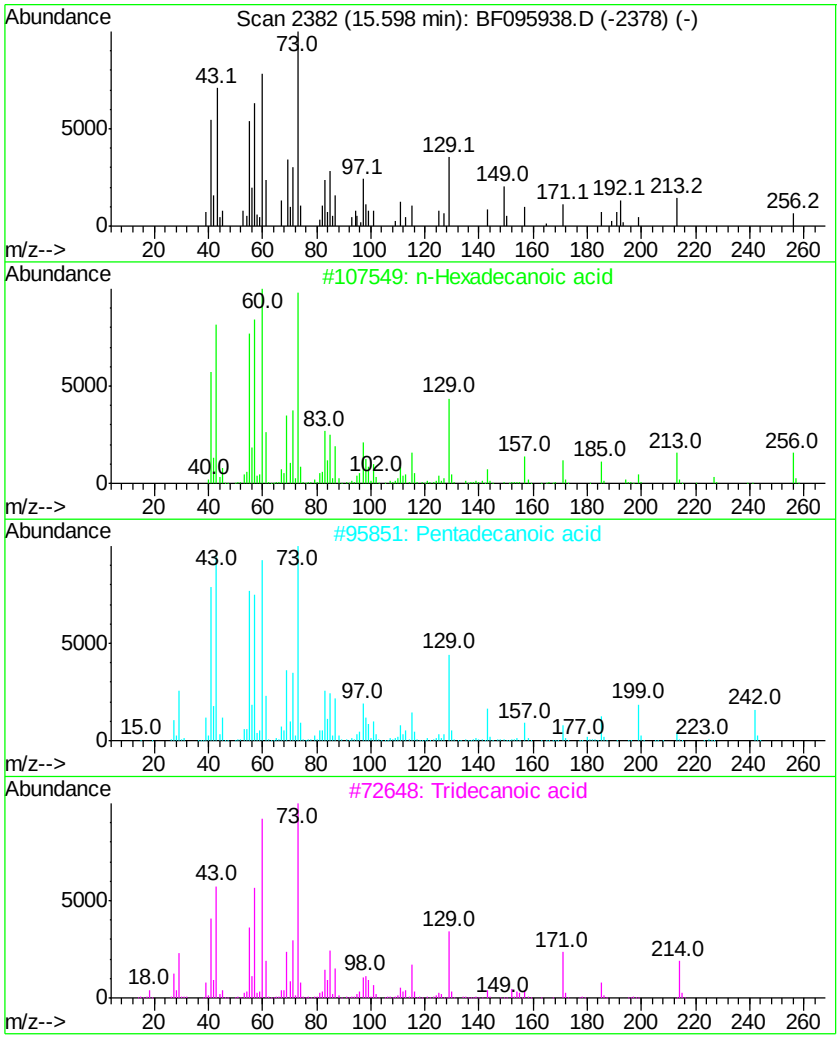
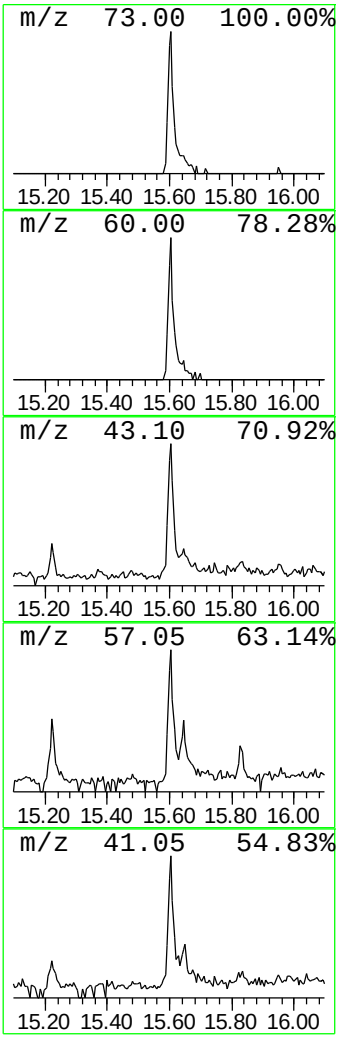
Peak Number 9 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	4.63 ng	105923	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	35
5	Tetradecane	198	C14H30	000629-59-4	11





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Instrument : BNA_F
ClientSampleId : RO-351

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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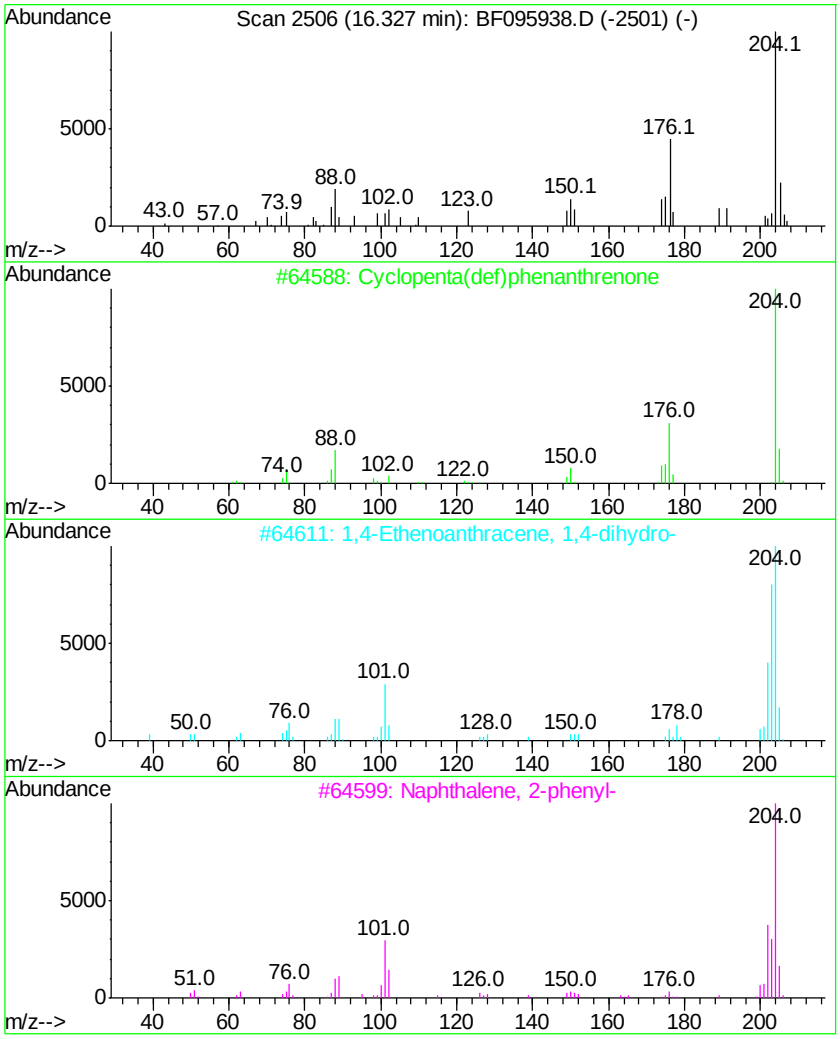
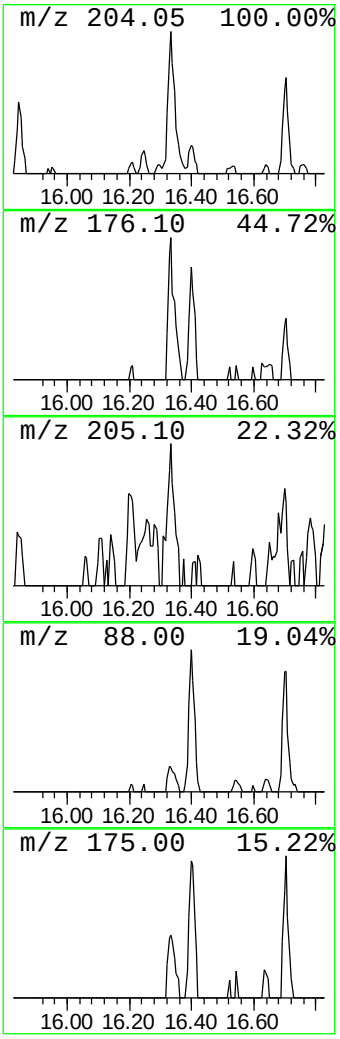
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.05 ng	46787	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	43
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	38
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38





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Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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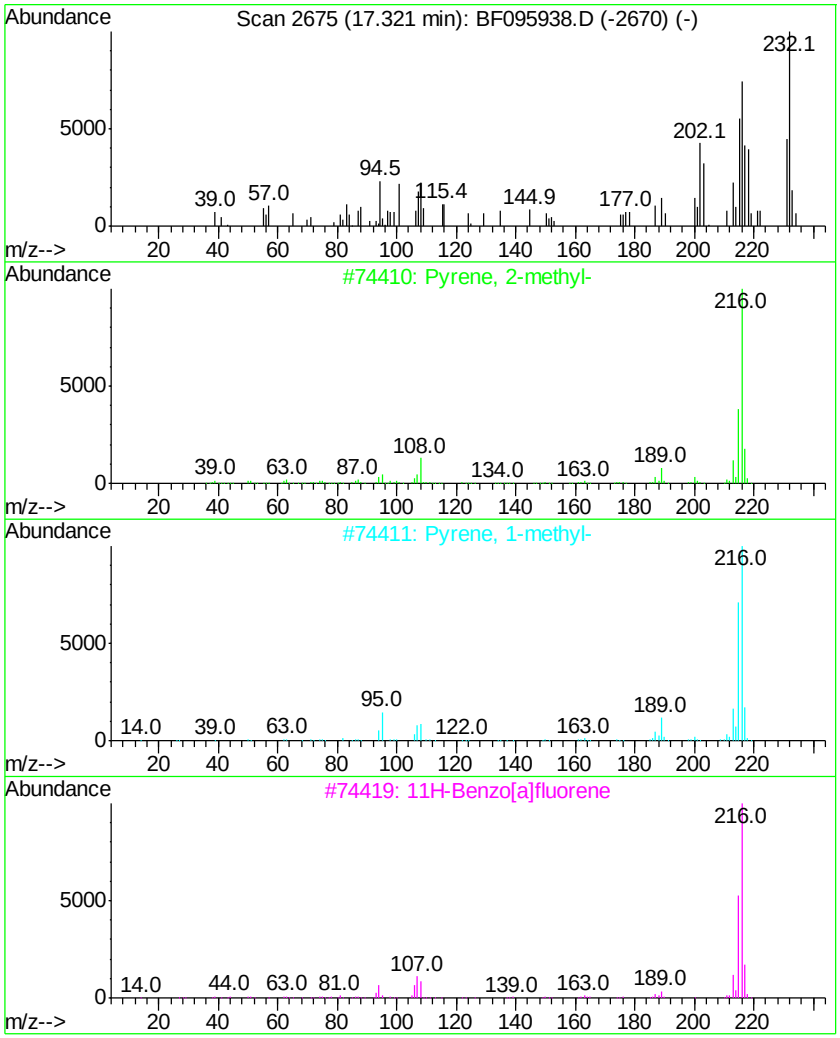
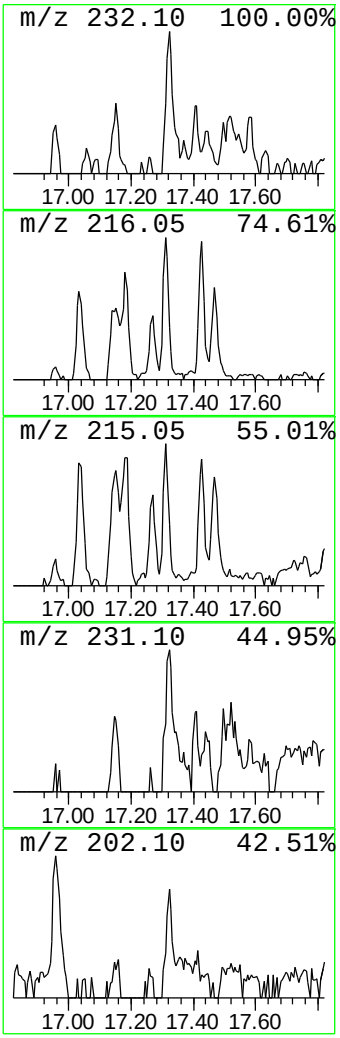
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	2.32 ng	87480	Chrysene-d12	18.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	43





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Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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

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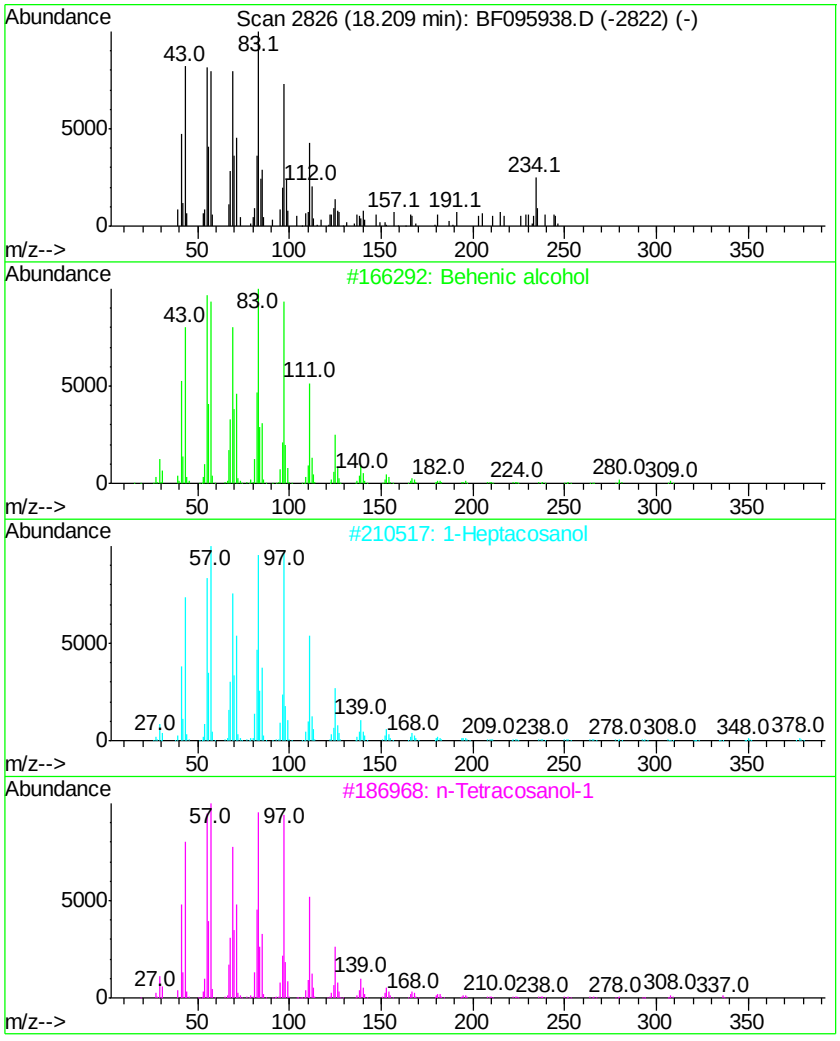
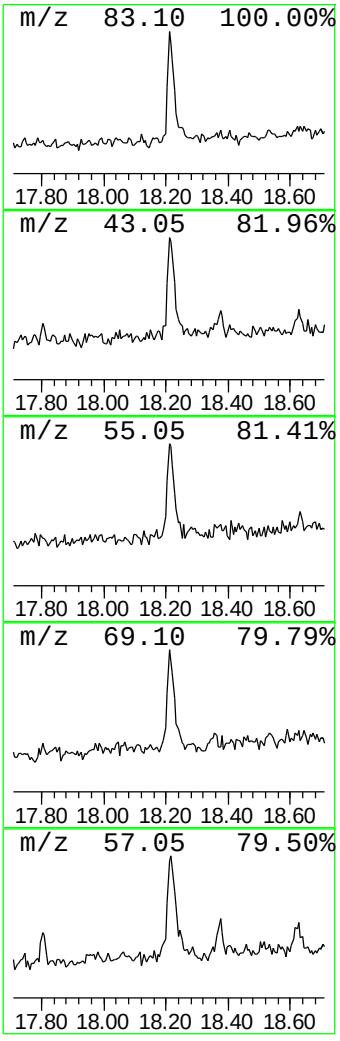
Peak Number 12 Behenic alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.49 ng	131822	Chrysene-d12	18.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	87
2	1-Heptacosanol	396	C27H56O	002004-39-9	83
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
4	1-Heneicosanol	312	C21H44O	015594-90-8	83
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	81





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Instrument : BNA_F
ClientSampleId : RO-351

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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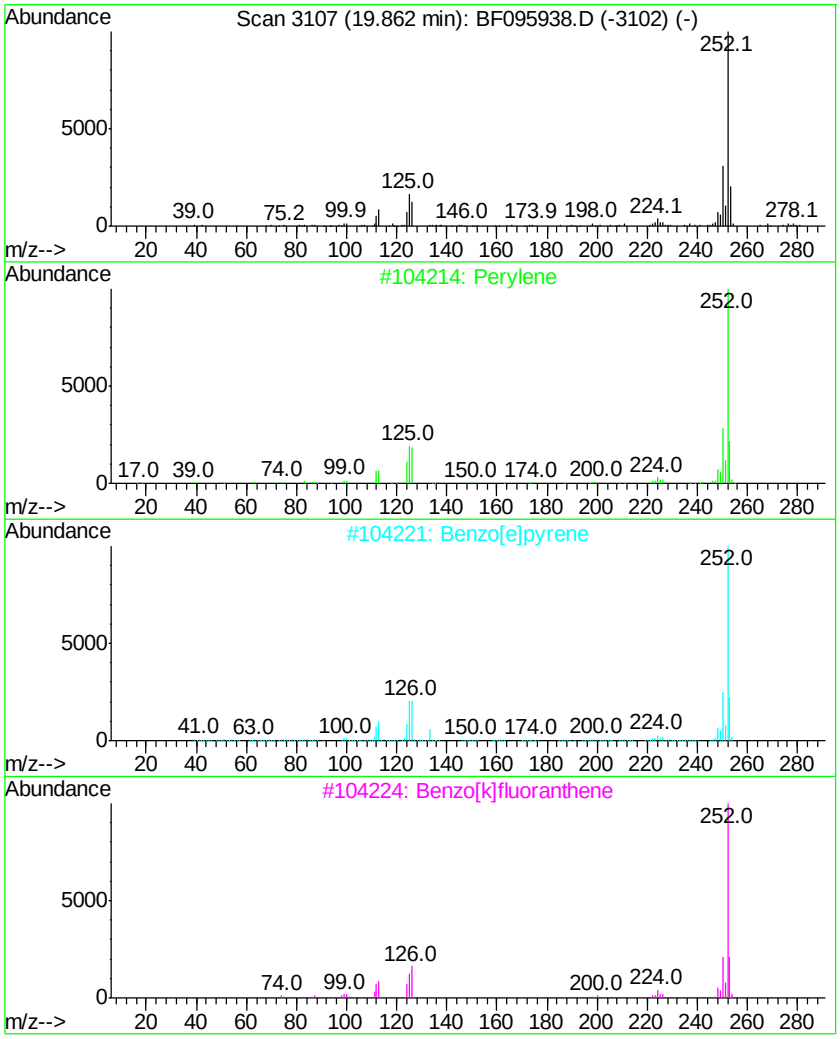
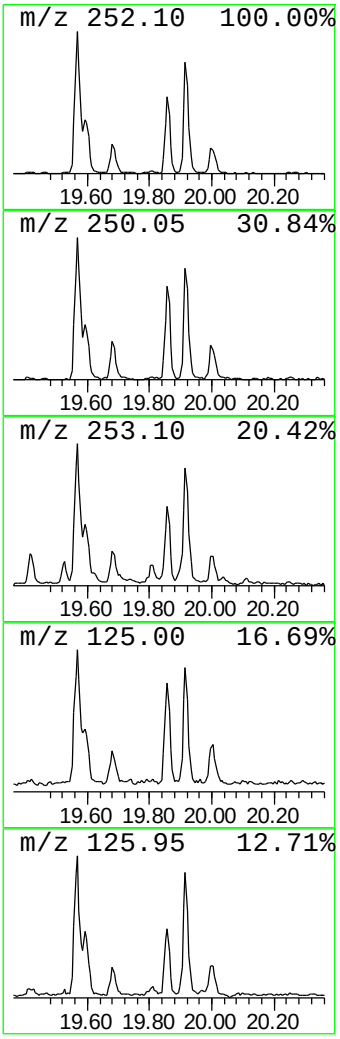
Peak Number 14 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	12.20 ng	207438	Perylene-d12	19.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





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Sample : I3660-09
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

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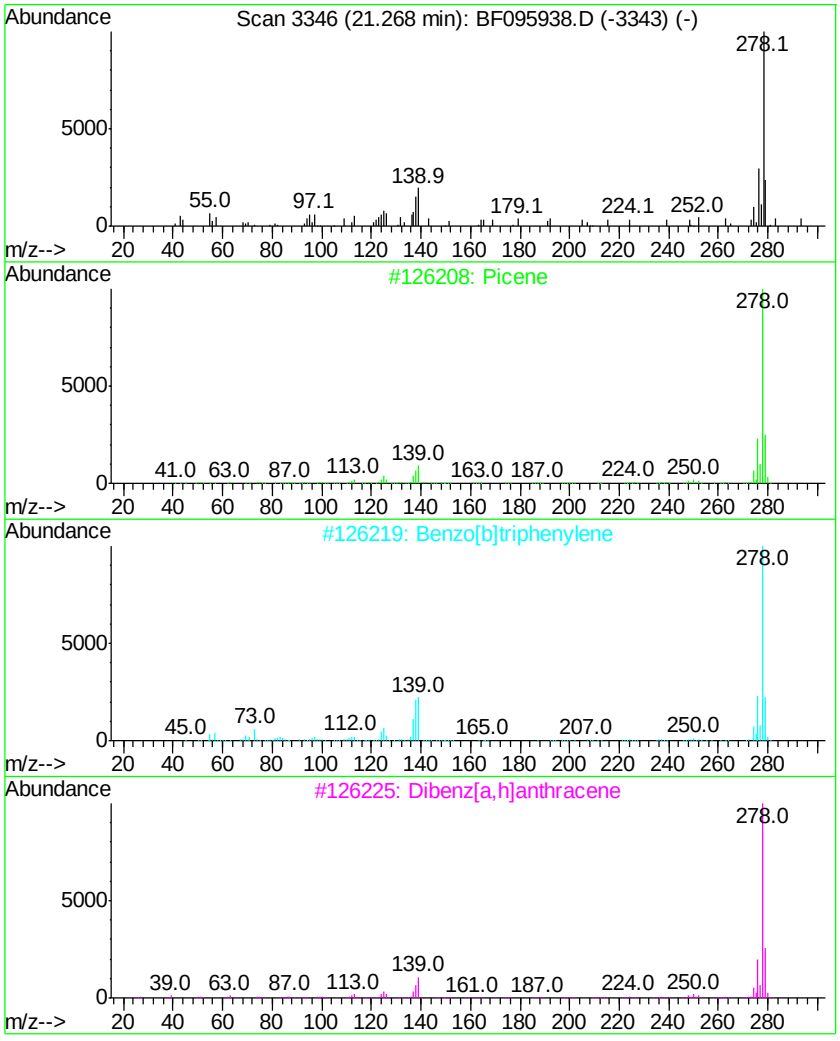
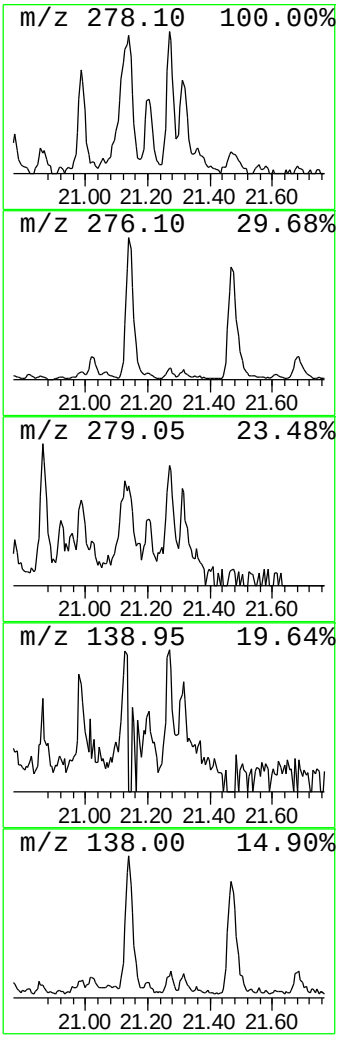
Peak Number 15 Picene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.07 ng	52286	Perylene-d12	19.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	89
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	70
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
4	Pentacene	278	C22H14	000135-48-8	70
5	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	64





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Sample : I3660-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-351

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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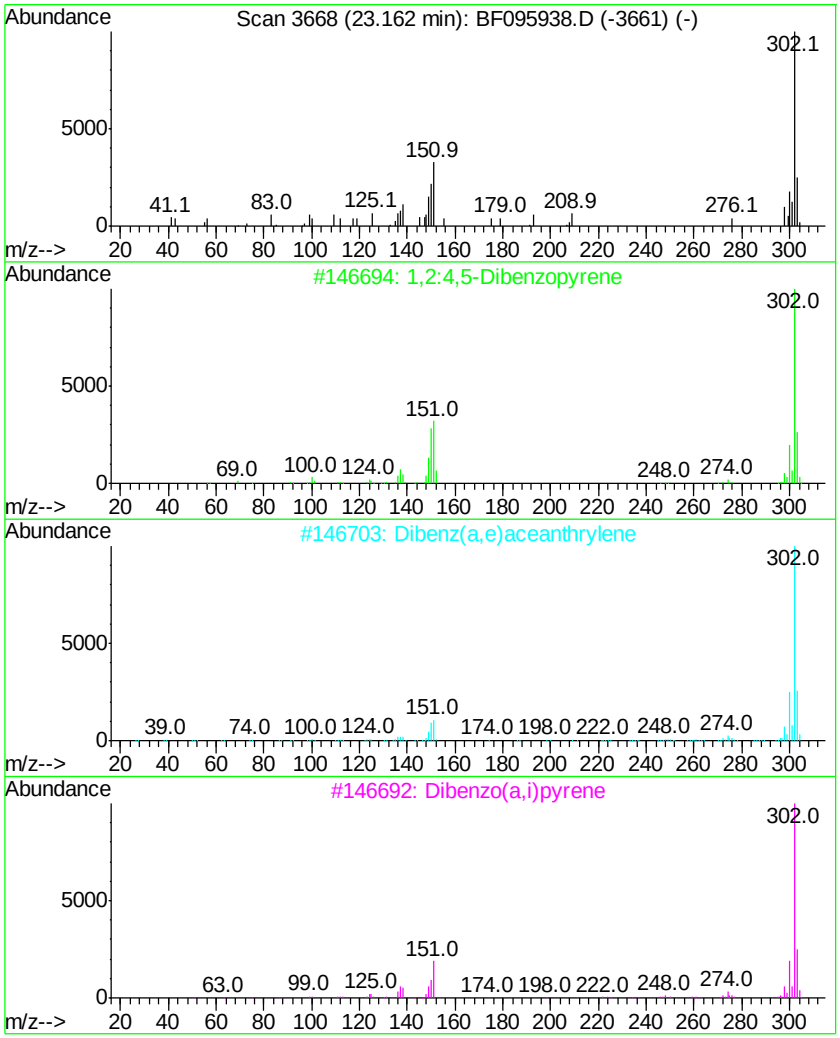
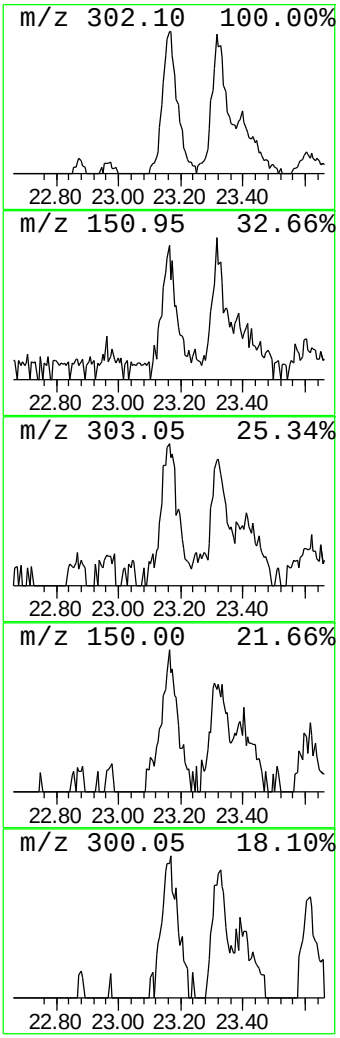
Peak Number 17 1,2:4,5-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.11 ng	69924	Perylene-d12	19.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	87
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	87
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	87
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	87





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Sample : I3660-09
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Instrument : BNA_F
ClientSampleId : RO-351

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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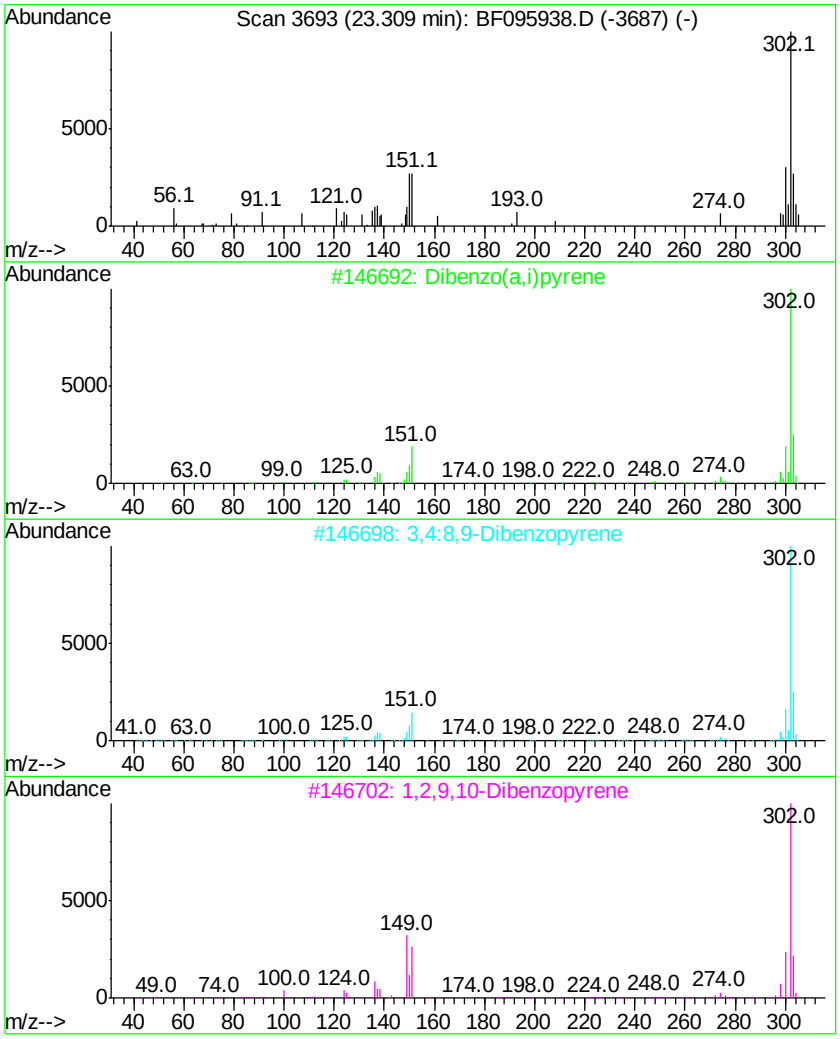
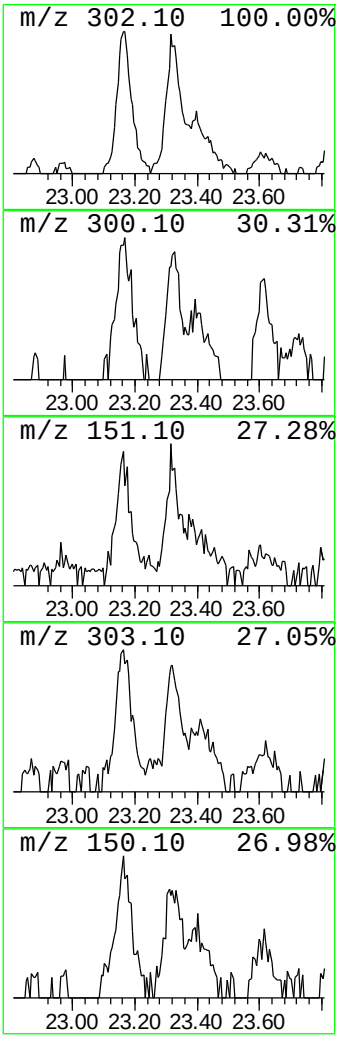
Peak Number 18 Dibenzo(a,i)pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	4.49 ng	76306	Perylene-d12	19.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
3	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	70
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	68
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	64





Tentatively Identified Compound (LSC) summary

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Data File : BF095938.D
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Operator : SJ/MA
Sample : I3660-09
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Instrument : BNA_F
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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
unknown4.53	4.53	3.0	ng	55286	1	7.33	375004	20.0
unknown7.00	7.00	50.1	ng	939439	1	7.33	375004	20.0
1,3-Pentanediol, ...	9.01	10.4	ng	266596	2	9.37	514765	20.0
1-Propanol, 2-(2-...	9.86	5.3	ng	136247	2	9.37	514765	20.0
2-Propanol, 1-(2-...	9.90	5.5	ng	142507	2	9.37	514765	20.0
2,2,4-Trimethyl-1...	10.96	24.3	ng	653833	3	12.19	539174	20.0
Pyridine, 2-butyl...	11.44	2.0	ng	54019	3	12.19	539174	20.0
n-Hexadecanoic acid	15.60	4.6	ng	105923	4	14.58	457234	20.0
Cyclopenta(def)ph...	16.33	2.0	ng	46787	4	14.58	457234	20.0
Pyrene, 2-methyl-	17.32	2.3	ng	87480	5	18.30	755592	20.0
Behenic alcohol	18.21	3.5	ng	131822	5	18.30	755592	20.0
Perylene	19.86	12.2	ng	207438	6	19.97	340147	20.0
Picene	21.27	3.1	ng	52286	6	19.97	340147	20.0
1,2:4,5-Dibenzopy...	23.16	4.1	ng	69924	6	19.97	340147	20.0
Dibenzo(a,i)pyrene	23.31	4.5	ng	76306	6	19.97	340147	20.0