LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086159.D
Acq On : 8 Apr 2016 5:06
Operator : UM/SJ
Sample : H2310-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0

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-BF040216.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	4.259	189	190	200	rVB	50631	100668	2.48%	0.162%
2	4.887	243	245	253	rBV	171405	228104	5.61%	0.367%
3	5.139	264	267	277	rBV2	16693	50027	1.23%	0.081%
4	5.333	282	284	298	rVV	1339457	1690680	41.58%	2.721%
5	6.384	374	376	385	rBV	1396128	1718357	42.26%	2.765%
6	6.510	385	387	389	rVV	1565908	1761767	43.33%	2.835%
7	6.556	389	391	394	rVV2	30437	47459	1.17%	0.076%
8	6.613	394	396	399	rVB	49595	49764	1.22%	0.080%
9	6.739	405	407	409	rBV	470567	623245	15.33%	1.003%
10	6.887	418	420	428	rBV	1649543	1664398	40.94%	2.679%
11	7.127	440	441	446	rBV4	17218	46085	1.13%	0.074%
12	7.299	454	456	459	rBV	772975	1065758	26.21%	1.715%
13	7.390	462	464	466	rBV	393516	373023	9.17%	0.600%
14	7.550	476	478	484	rVB2	130496	174390	4.29%	0.281%
15	7.767	493	497	501	rBV3	91805	230590	5.67%	0.371%
16	7.928	509	511	513	rBV	152050	160205	3.94%	0.258%
17	8.042	517	521	524	rBV	1785247	2573058	63.29%	4.141%
18	8.156	529	531	538	rVB7	15193	46604	1.15%	0.075%
19	8.316	543	545	548	rVB	33191	50993	1.25%	0.082%
20	8.396	549	552	553	rBV2	67226	109873	2.70%	0.177%
21	8.419	553	554	557	rVB2	52964	58422	1.44%	0.094%
22	8.739	579	582	584	rBV	446244	552042	13.58%	0.888%
23	8.830	586	590	595	rVB2	504097	630067	15.50%	1.014%
24	8.945	595	600	604	rBV5	36076	109415	2.69%	0.176%
25	9.013	604	606	611	rVB3	34098	58619	1.44%	0.094%
26	9.093	611	613	616	rVB	1842789	1779139	43.76%	2.863%
27	9.196	620	622	625	rVB	194191	174340	4.29%	0.281%
28	9.288	629	630	633	rVB	50726	63029	1.55%	0.101%
29	9.356	633	636	638	rBV	106549	157715	3.88%	0.254%
30	9.436	641	643	644	rVV	138778	169074	4.16%	0.272%
31	9.493	647	648	650	rVV	192079	171389	4.22%	0.276%
32	9.551	651	653	655	rVV	77379	84868	2.09%	0.137%
33	9.631	658	660	663	rVB	359462	313942	7.72%	0.505%
34	9.711	663	667	668	rVB	52771	51798	1.27%	0.083%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.768	668	672	674	rBV3	667701	818758	20.14%	1.318%
36	9.802	674	675	677	rVV	780950	640657	15.76%	1.031%
37	9.848	677	679	680	rVV2	47402	48863	1.20%	0.079%
38	9.928	684	686	688	rBV3	31171	57304	1.41%	0.092%
39	9.973	688	690	693	rVV	529948	576152	14.17%	0.927%
40	10.122	701	703	706	rVB2	37438	51320	1.26%	0.083%
41	10.179	706	708	709	rBV	46277	65861	1.62%	0.106%
42	10.202	709	710	714	rVB3	69920	77539	1.91%	0.125%
43	10.316	718	720	723	rVB	806064	722190	17.76%	1.162%
44	10.408	723	728	729	rBV2	70953	187360	4.61%	0.302%
45	10.476	733	734	736	rVB2	139164	112091	2.76%	0.180%
46	10.556	739	741	744	rVB2	779542	894602	22.00%	1.440%
47	10.636	747	748	750	rBV	38328	56463	1.39%	0.091%
48	10.693	750	753	756	rVB2	325986	418457	10.29%	0.673%
49	10.751	756	758	759	rBV	223885	310978	7.65%	0.500%
50	10.785	759	761	762	rVV2	412458	572538	14.08%	0.921%
51	10.808	762	763	767	rVV2	339650	643808	15.84%	1.036%
52	10.865	767	768	772	rVV3	226493	469068	11.54%	0.755%
53	10.934	772	774	775	rVV2	402315	579794	14.26%	0.933%
54	10.956	775	776	779	rVV2	267869	557418	13.71%	0.897%
55	11.002	779	780	784	rVB	311911	264241	6.50%	0.425%
56	11.071	784	786	788	rBV2	123784	129535	3.19%	0.208%
57	11.128	788	791	792	rBV3	85010	162278	3.99%	0.261%
58	11.151	792	793	795	rVB	300540	226053	5.56%	0.364%
59	11.288	800	805	806	rBV2	3019456	4065676	100.00%	6.543%
60	11.334	806	809	811	rVB	1114109	1031486	25.37%	1.660%
61	11.368	811	812	815	rVB	107080	114290	2.81%	0.184%
62	11.494	820	823	826	rBV	467617	501691	12.34%	0.807%
63	11.574	826	830	834	rBV5	178946	566233	13.93%	0.911%
64	11.722	840	843	844	rBV3	40364	72816	1.79%	0.117%
65	11.756	844	846	847	rVV	301145	269313	6.62%	0.433%
66	11.814	847	851	854	rVV2	2097842	3625552	89.17%	5.835%
67	11.871	854	856	861	rVV2	534958	826967	20.34%	1.331%
68	11.962	861	864	866	rVV3	57616	147189	3.62%	0.237%
69	12.054	870	872	873	rVV	202479	209991	5.16%	0.338%
70	12.088	873	875	877	rVB	174902	174498	4.29%	0.281%
71	12.191	882	884	886	rBV2	134819	191862	4.72%	0.309%

LSC Area Percent Report

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Integration Parameters: rteint.p
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72	12.305	892	894	896	rBV	135546	180384	4.44%	0.290%
73	12.339	896	897	900	rVB3	84307	124667	3.07%	0.201%
74	12.397	900	902	906	rBV	181463	273522	6.73%	0.440%
75	12.477	906	909	910	rBV	2760048	3372244	82.94%	5.427%
76	12.511	910	912	916	rVB2	780136	985007	24.23%	1.585%
77	12.591	916	919	920	rBV2	1376677	1393398	34.27%	2.242%
78	12.705	925	929	930	rVV2	1986133	3129754	76.98%	5.037%
79	12.728	930	931	935	rVB2	383892	669389	16.46%	1.077%
80	12.842	937	941	942	rBV2	1353408	1607979	39.55%	2.588%
81	12.922	945	948	949	rBV2	134988	259671	6.39%	0.418%
82	13.025	953	957	959	rBV	386637	514501	12.65%	0.828%
83	13.094	959	963	964	rBV	282672	330608	8.13%	0.532%
84	13.128	964	966	970	rBV2	194424	267956	6.59%	0.431%
85	13.219	973	974	975	rBV	126097	114583	2.82%	0.184%
86	13.254	975	977	979	rVB2	96510	111489	2.74%	0.179%
87	13.414	989	991	993	rBV3	110319	188434	4.63%	0.303%
88	13.539	1000	1002	1004	rBV	184289	170486	4.19%	0.274%
89	13.642	1009	1011	1012	rBV	248476	250415	6.16%	0.403%
90	13.745	1019	1020	1023	rVB	343723	337440	8.30%	0.543%
91	13.894	1029	1033	1035	rBV3	1443519	3637161	89.46%	5.854%
92	13.997	1040	1042	1044	rVB2	164771	209283	5.15%	0.337%
93	14.282	1065	1067	1069	rBV	165291	211367	5.20%	0.340%
94	14.911	1119	1122	1129	rVB	993614	2304848	56.69%	3.709%
95	15.014	1129	1131	1134	rBV	221748	267756	6.59%	0.431%
96	15.197	1144	1147	1149	rBV	521193	703479	17.30%	1.132%
97	15.254	1149	1152	1154	rVB	811294	1038040	25.53%	1.671%
98	15.311	1154	1157	1158	rBV	369168	554434	13.64%	0.892%
99	16.660	1272	1275	1279	rVB	396124	781762	19.23%	1.258%
100	17.060	1307	1310	1314	rBV	274298	566569	13.94%	0.912%

Sum of corrected areas: 62136425

LSC Report - Integrated Chromatogram

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Data File : BF086159.D
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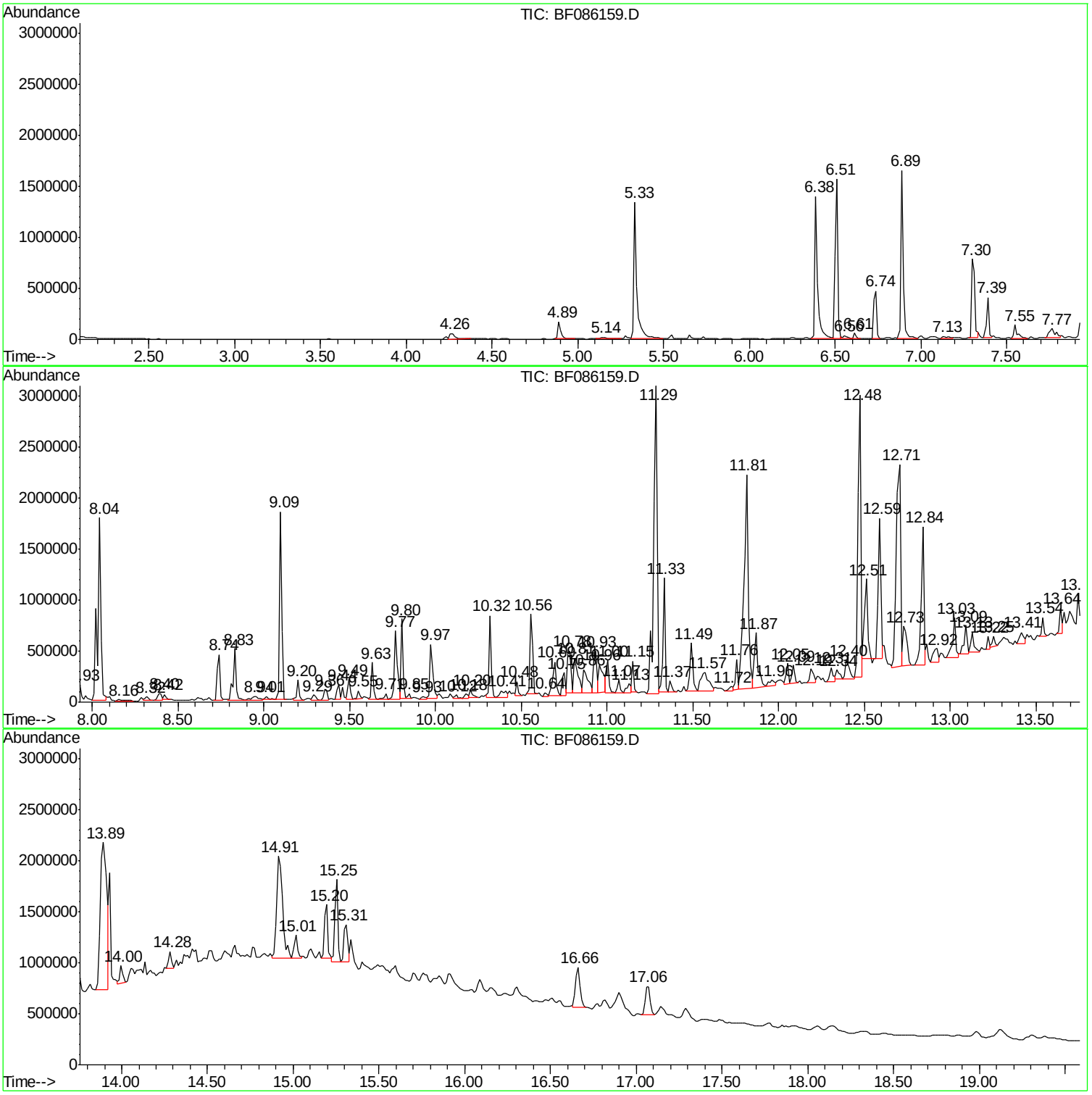
Sample : H2310-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
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Acq On : 8 Apr 2016 5:06
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

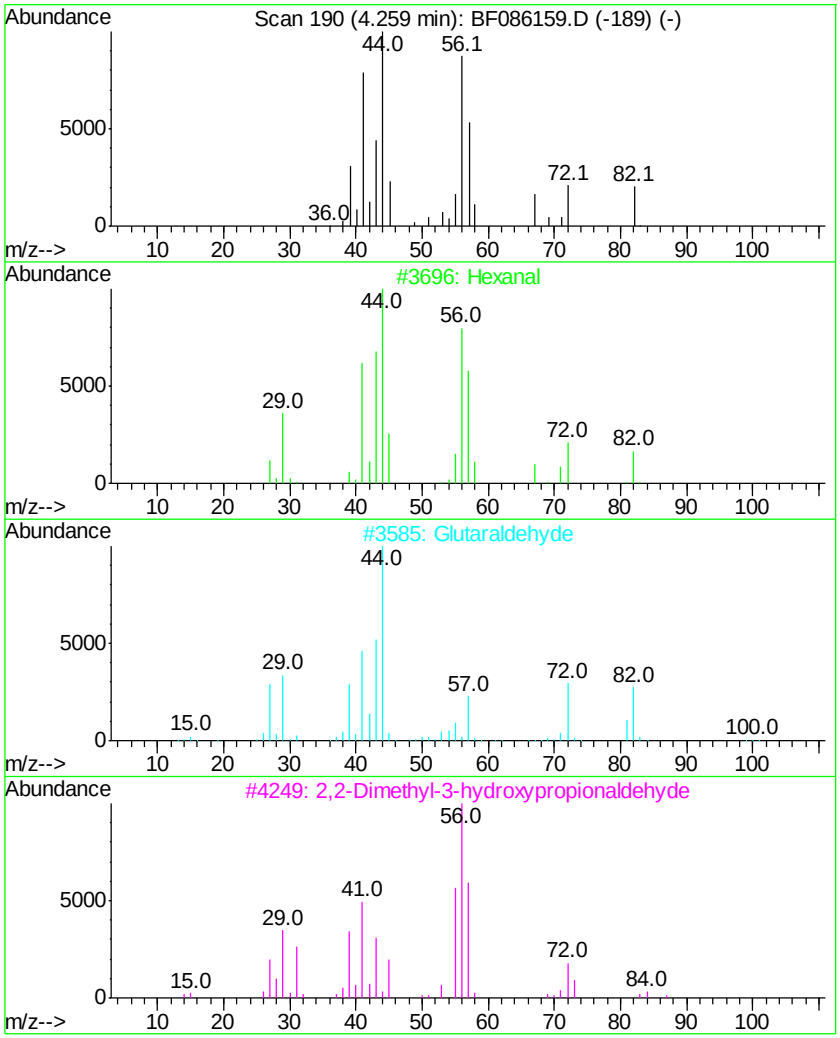
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

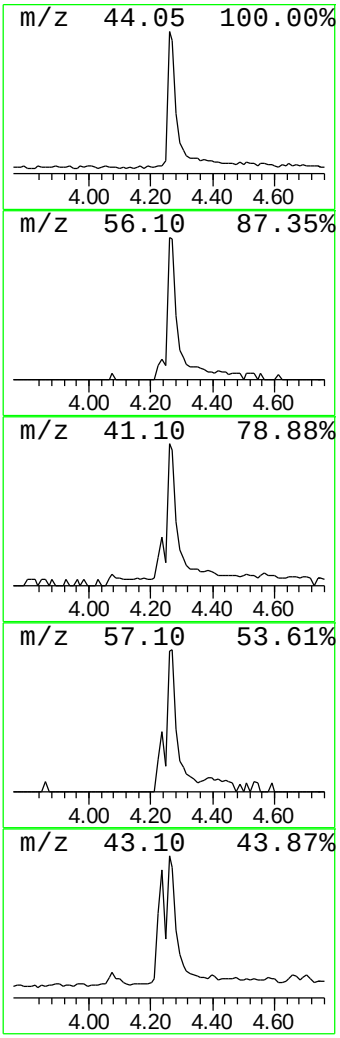
****

Peak Number 1 Hexanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	3.23 ng	100668	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Glutaraldehyde	100	C5H8O2	000111-30-8	43
3	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37
4	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	33
5	Hex-5-enylamine	99	C6H13N	034825-70-2	28





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Sample : H2310-04
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Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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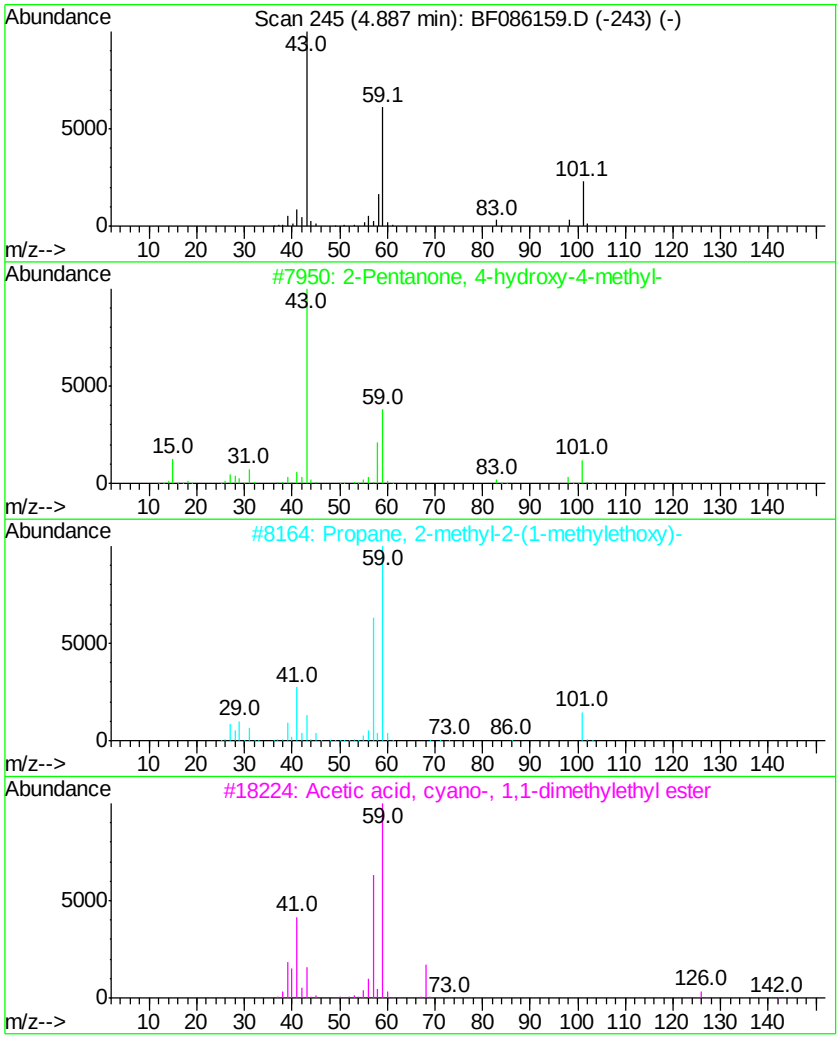
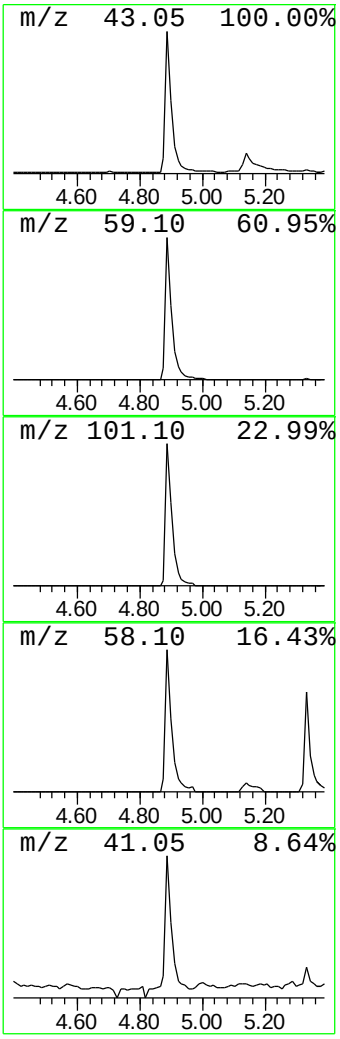
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	7.32 ng	228104	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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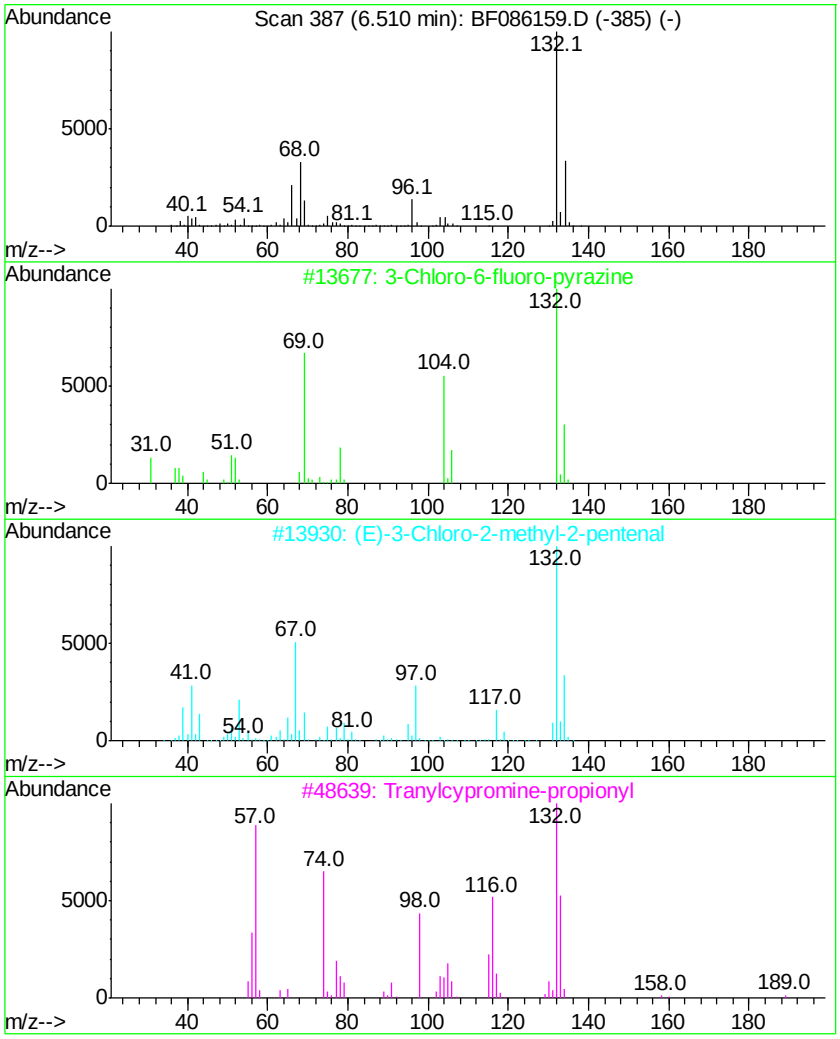
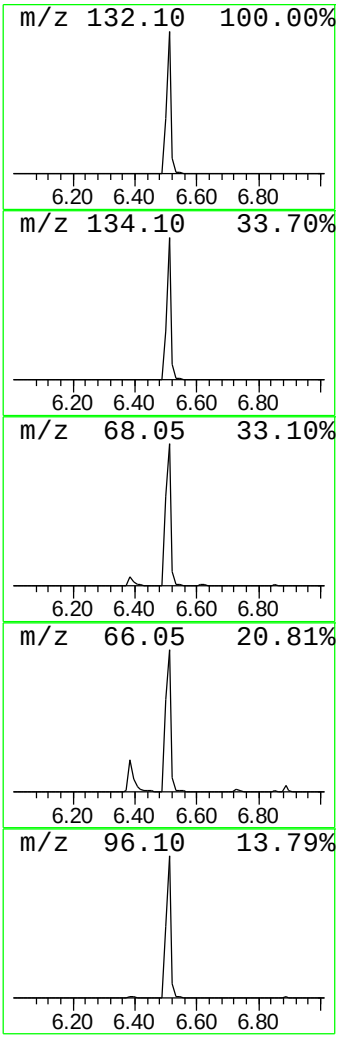
Peak Number 3 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	56.54 ng	1761770	1,4-Dichlorobenzene-d4	6.74

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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

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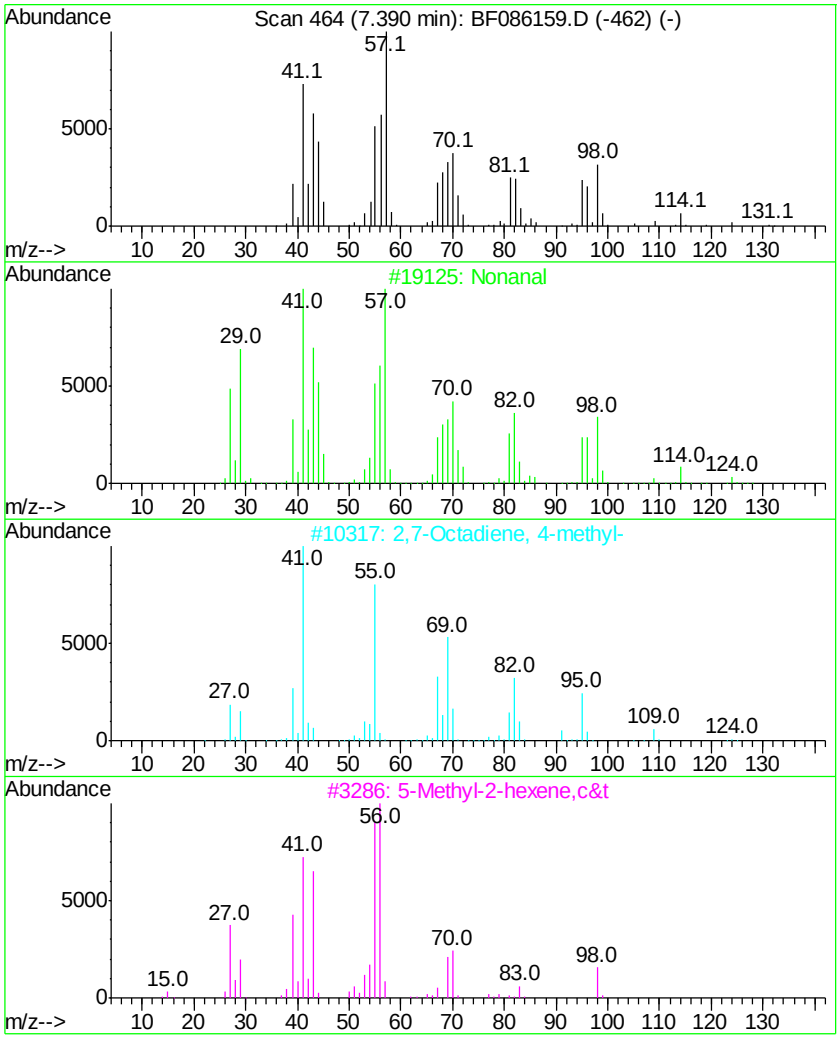
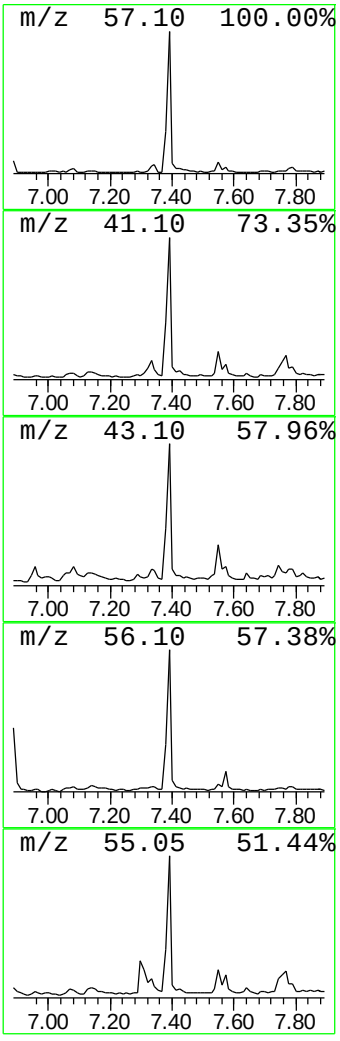
Peak Number 5 Nonanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.90 ng	373023	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	22
3	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	22
4	(Z)-2-Heptene	98	C7H14	006443-92-1	18
5	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	18





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Sample : H2310-04
Misc :
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Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

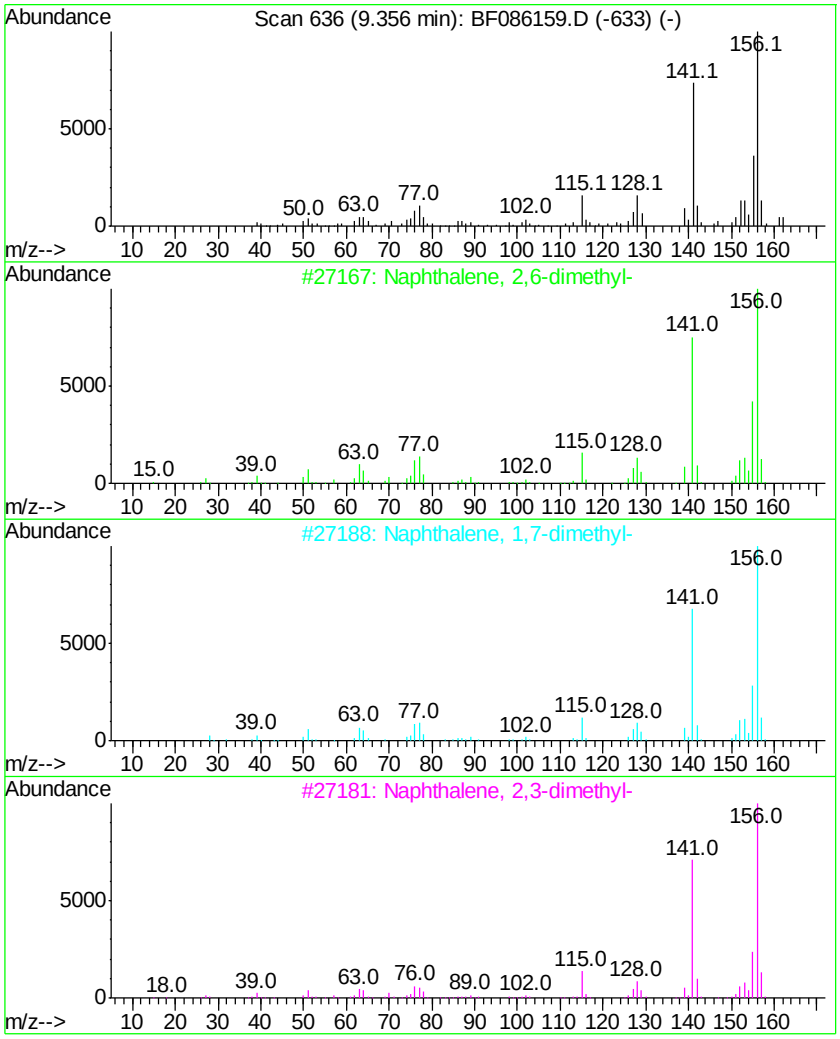
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

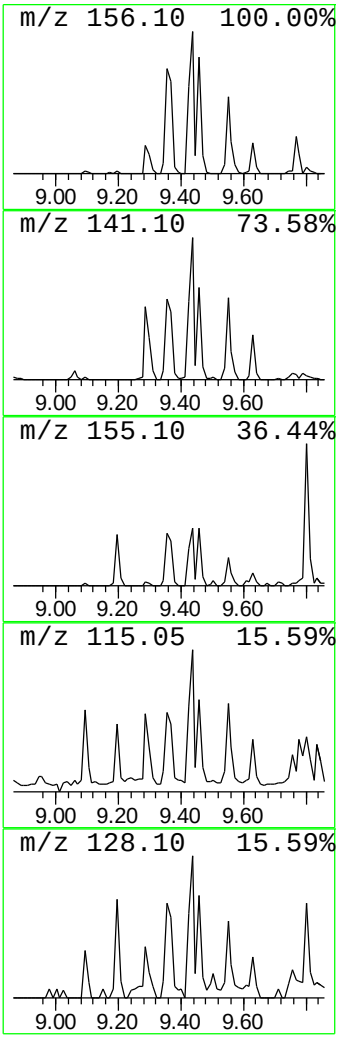
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.85 ng	157715	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : BF086159.D
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Sample : H2310-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0

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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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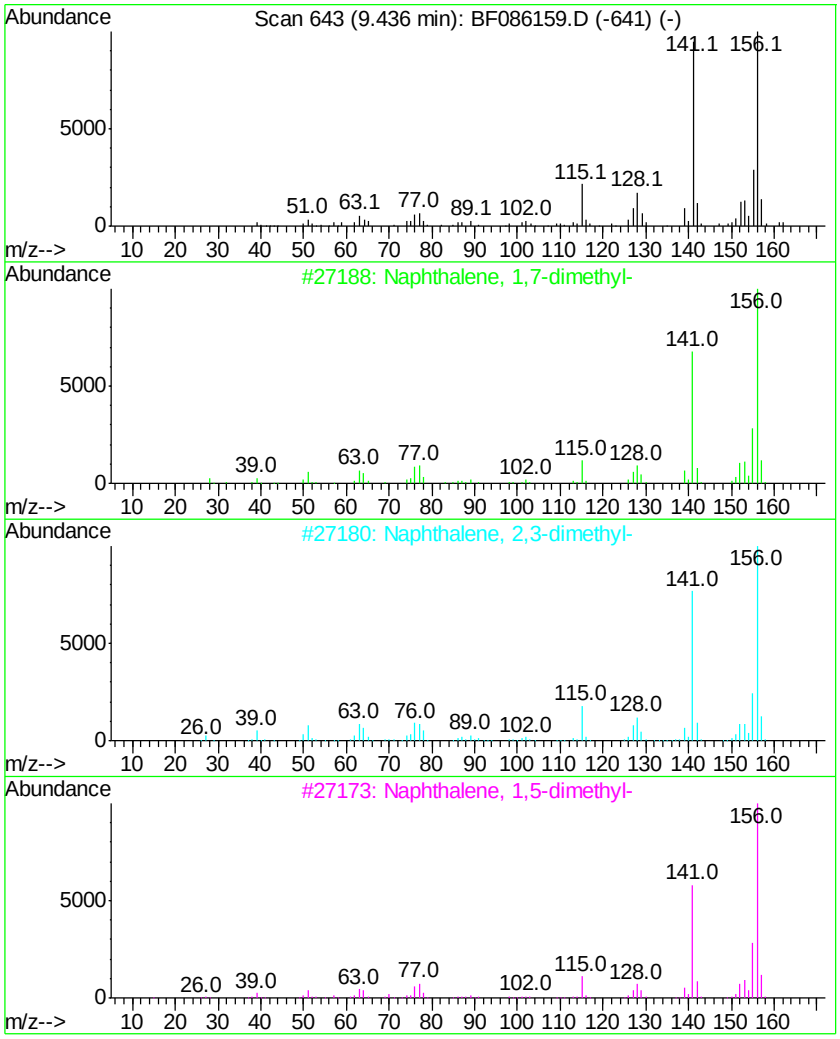
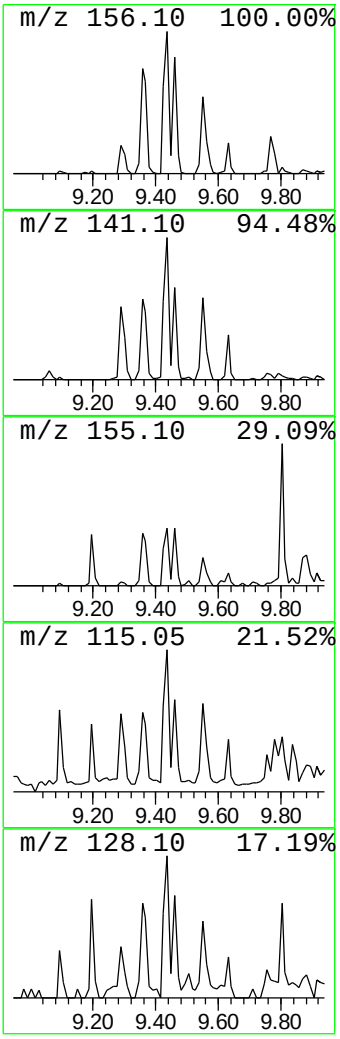
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	4.13 ng	169074	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Operator : UM/SJ
Sample : H2310-04
Misc :
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Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0

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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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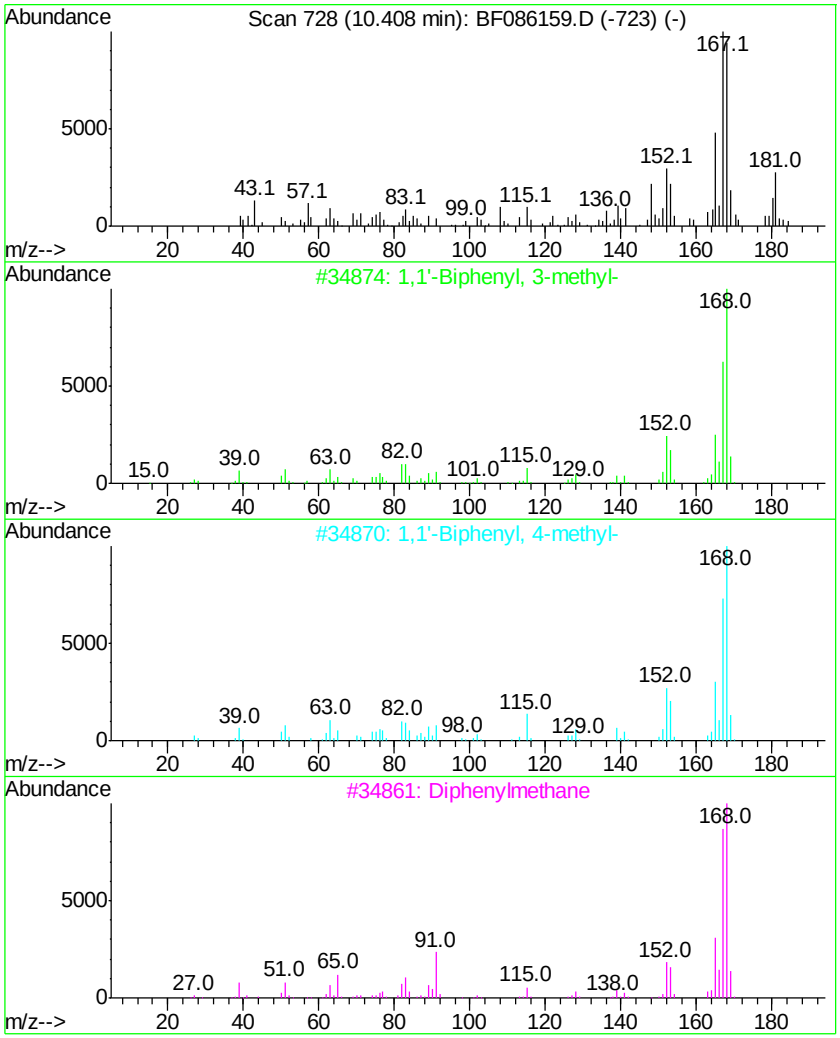
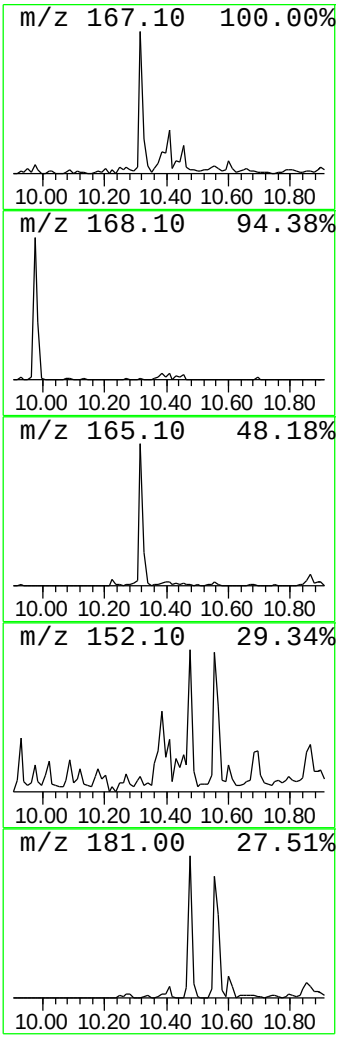
Peak Number 9 1,1'-Biphenyl, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.58 ng	187360	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	53





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

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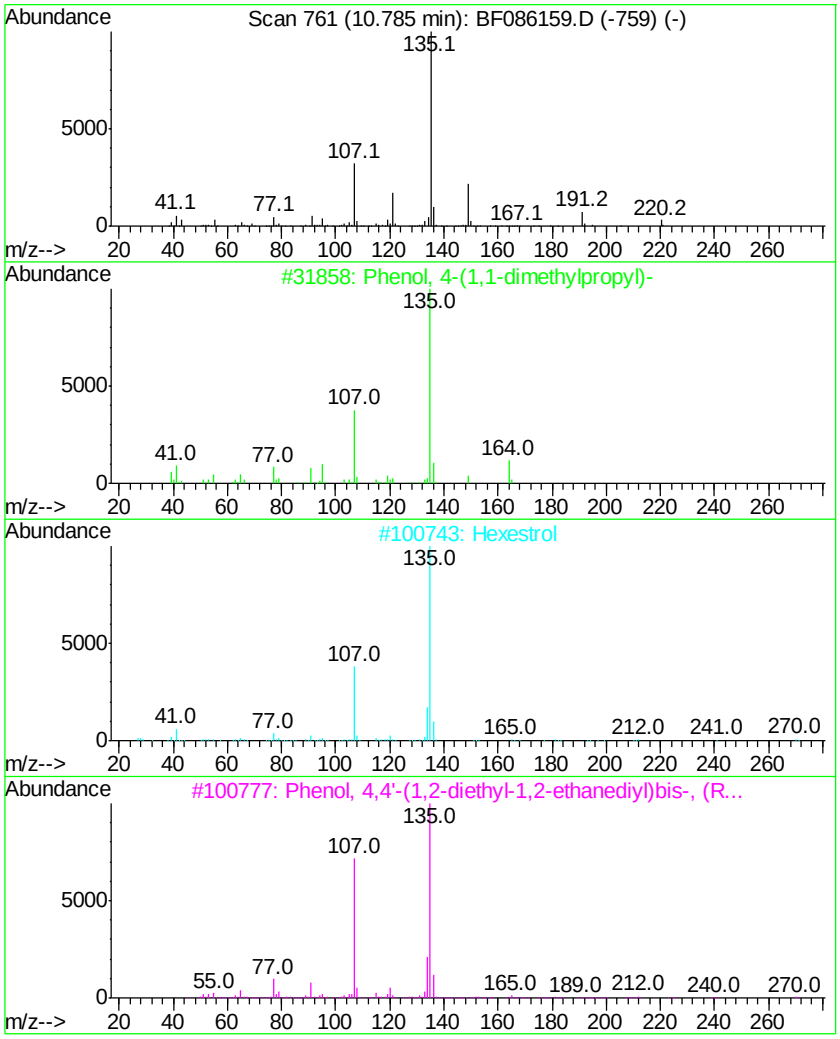
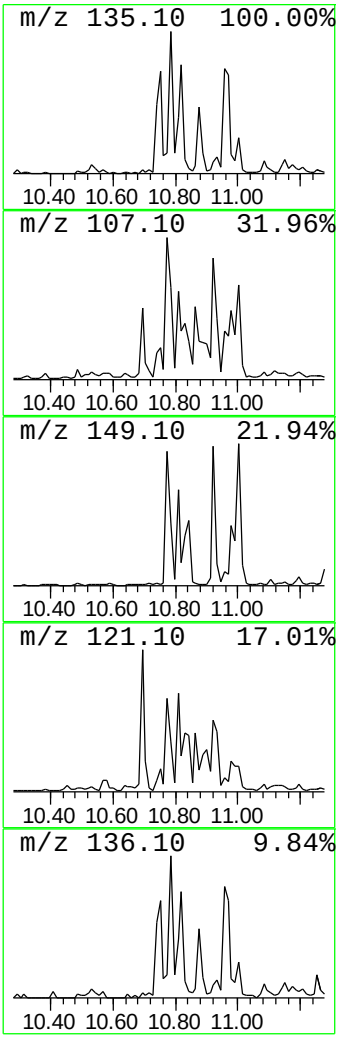
Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.82 ng	572538	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	Hexestrol	270	C18H22O2	005635-50-7	50
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	50
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	50
5	p-Methoxyheptanophenone	220	C14H20O2	069287-13-4	47





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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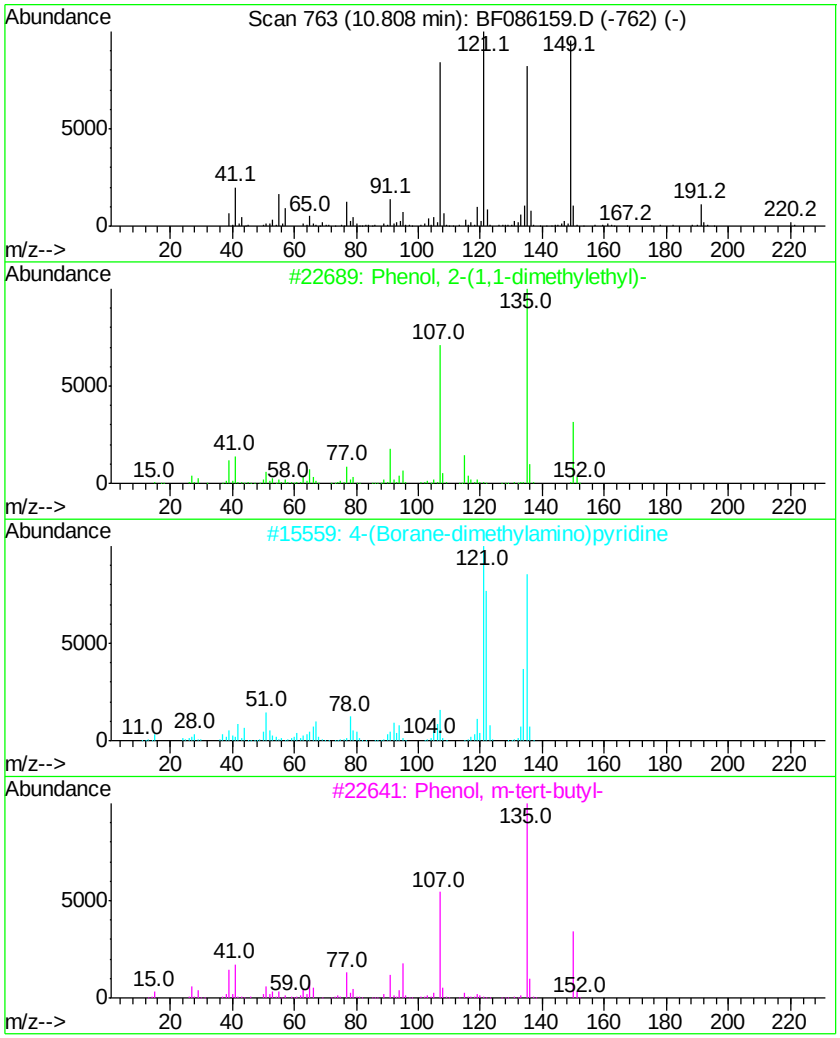
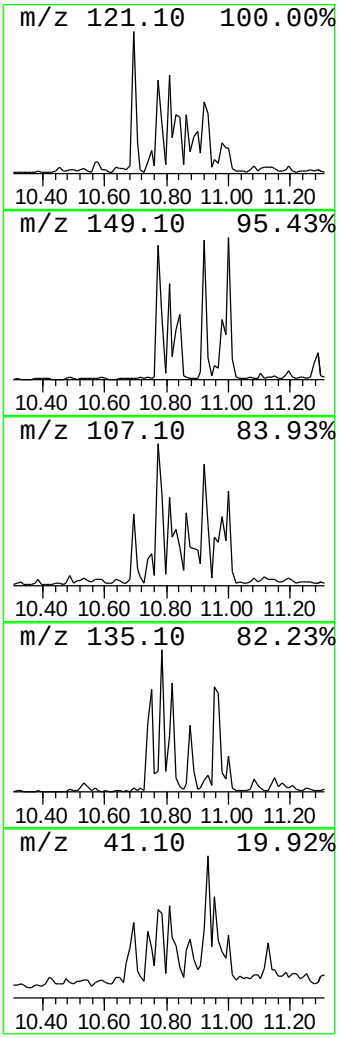
Peak Number 11 unknown10.81 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.17 ng	643808	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	46
2	4-(Borane-dimethylamino)pyridine	136	C7H13BN2	001769-74-0	38
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	35
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	25





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

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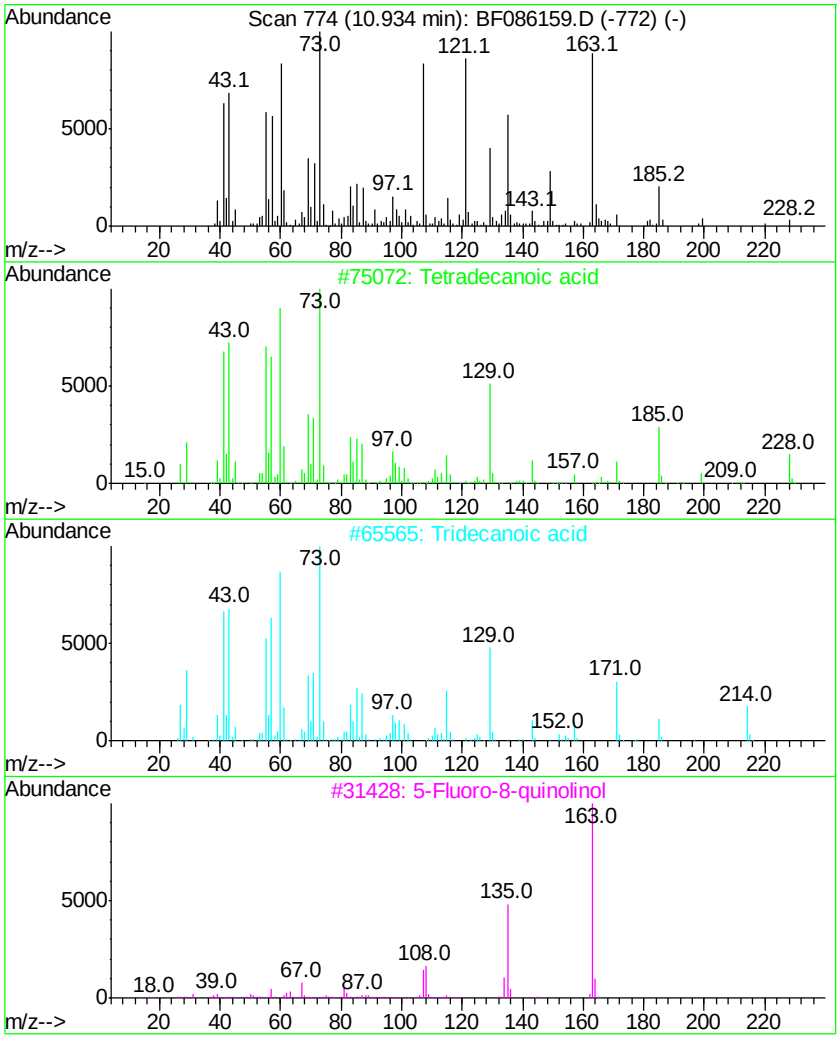
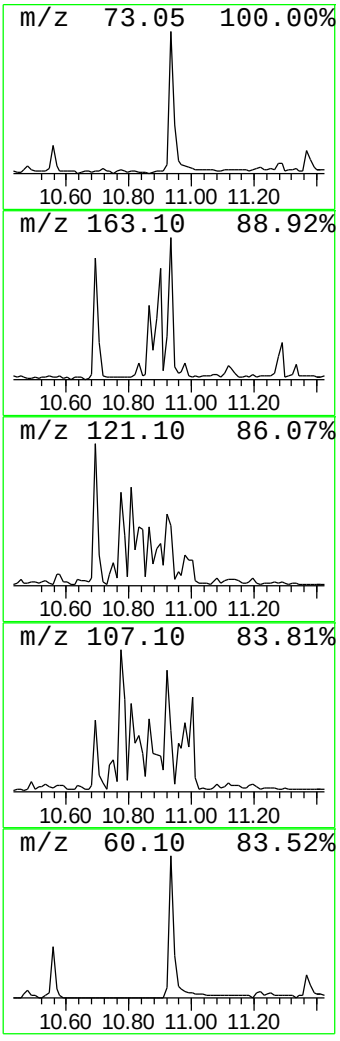
Peak Number 12 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.85 ng	579794	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	22
3	5-Fluoro-8-quinolinol	163	C9H6FNO	000387-97-3	15
4	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	14
5	p-Propionotoluidide	163	C10H13NO	002759-55-9	14





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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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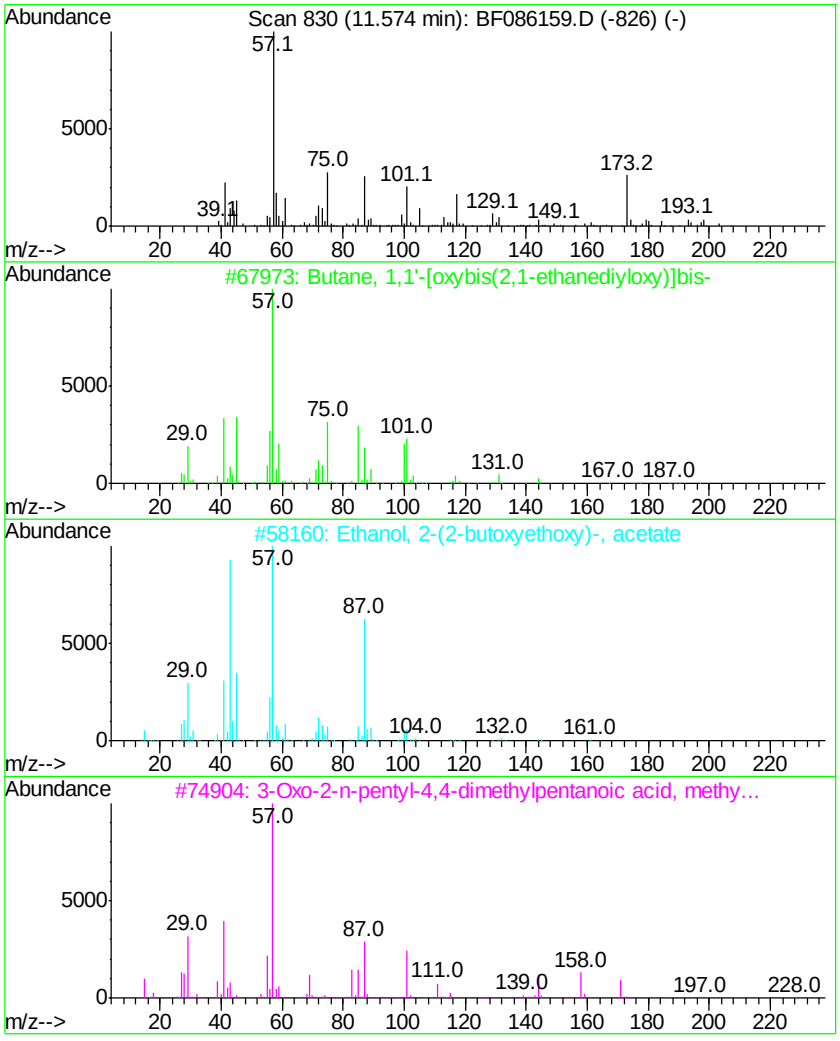
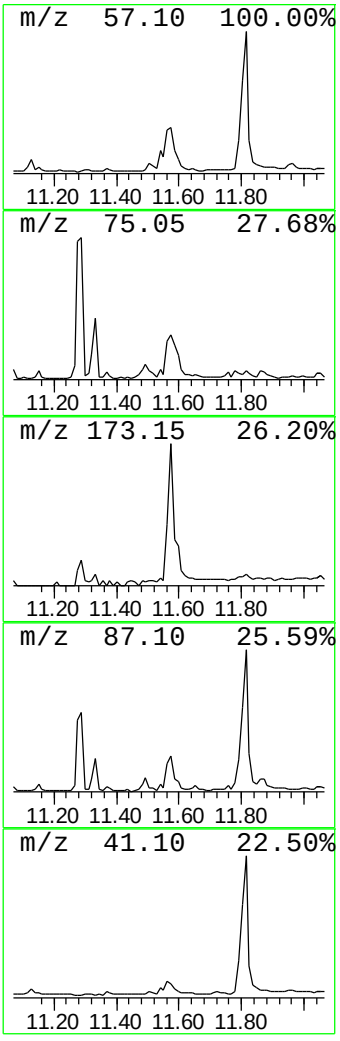
Peak Number 14 unknown11.57 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.79 ng	566233	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	43
2	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	38
3	3-Oxo-2-n-pentyl-4,4-dimethylpen...	228	C13H24O3	1000202-26-0	16
4	Ethenol, 1-[bis(1,1-dimethylethy...	230	C12H23O2P	050838-15-8	12
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	12





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TIC Library : C:\DATABASE\NIST02.L
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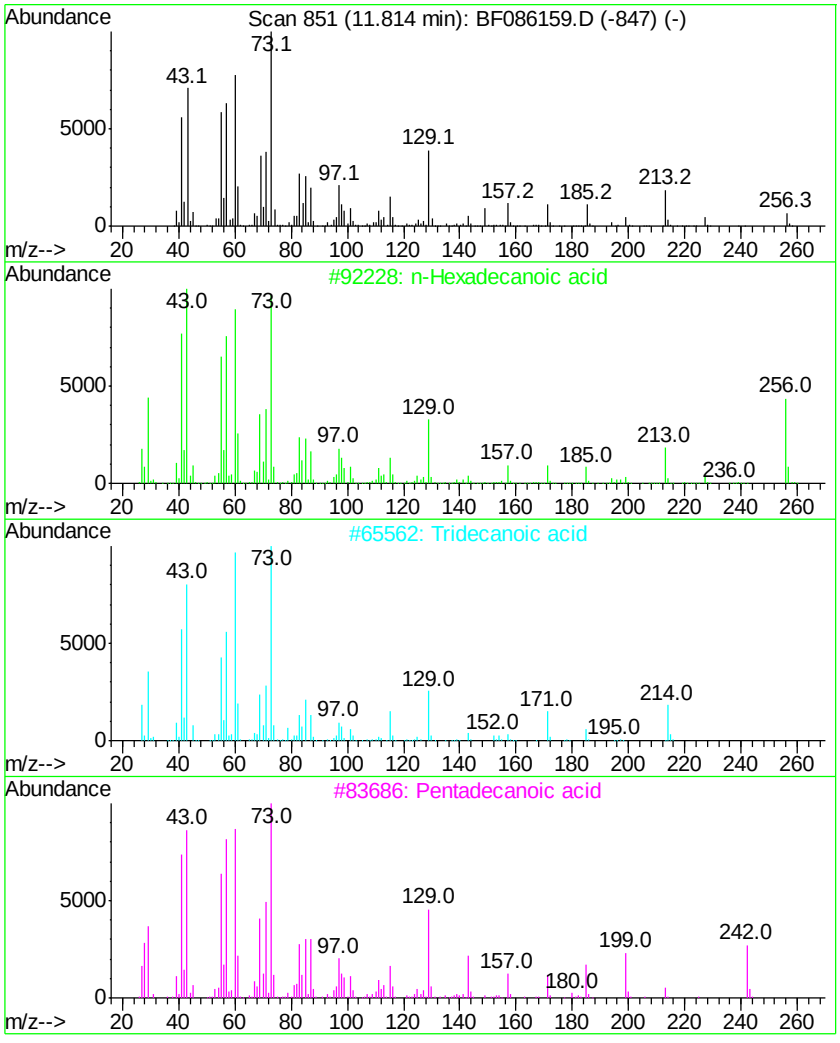
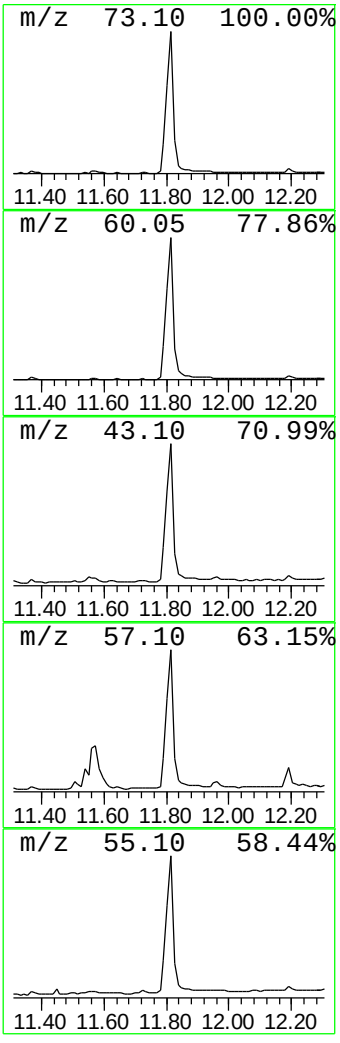
Peak Number 15 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	17.83 ng	3625550	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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

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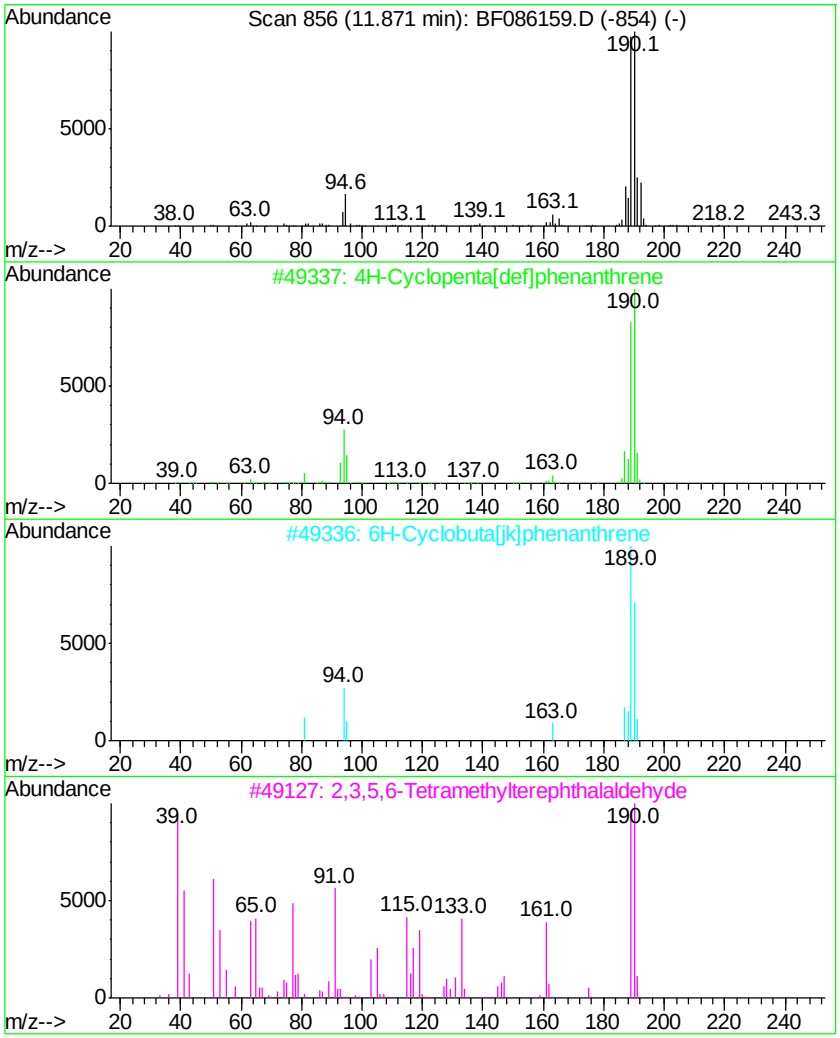
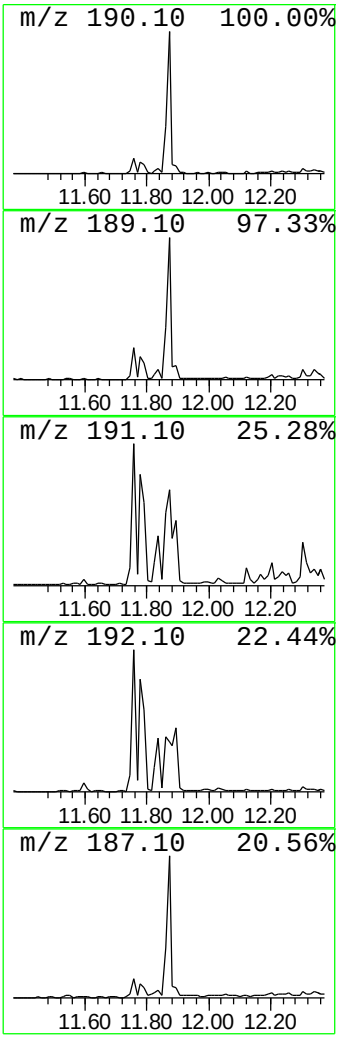
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.07 ng	826967	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





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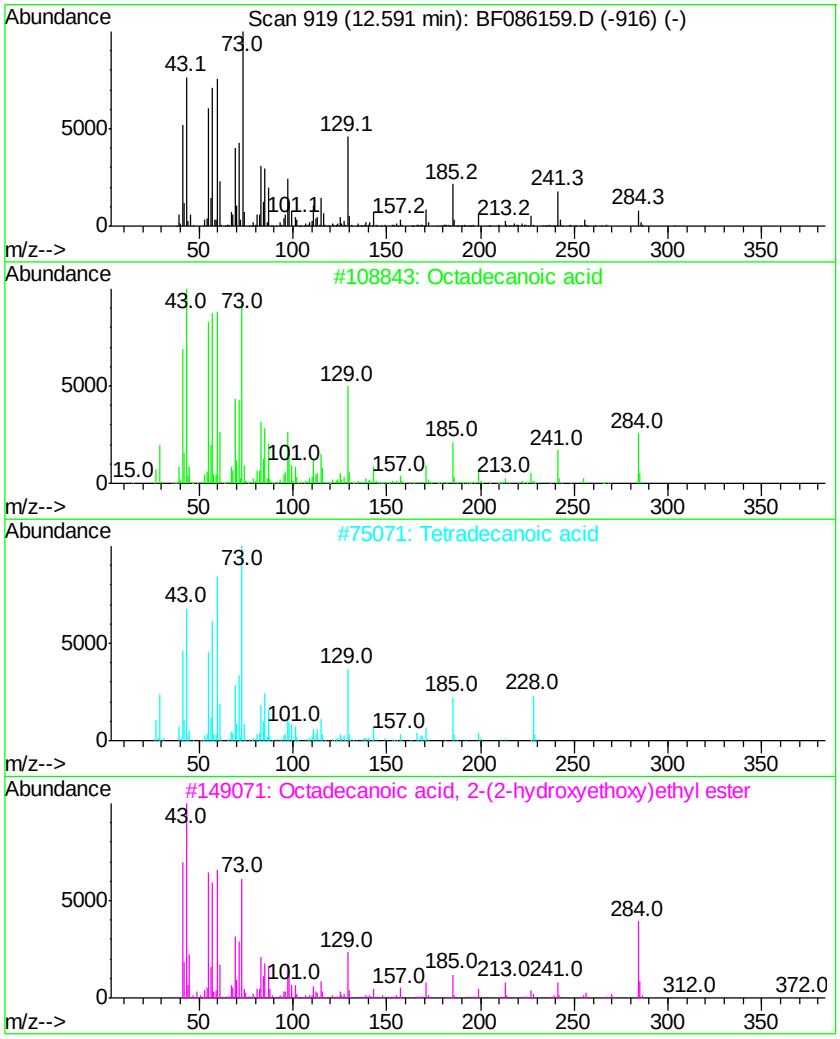
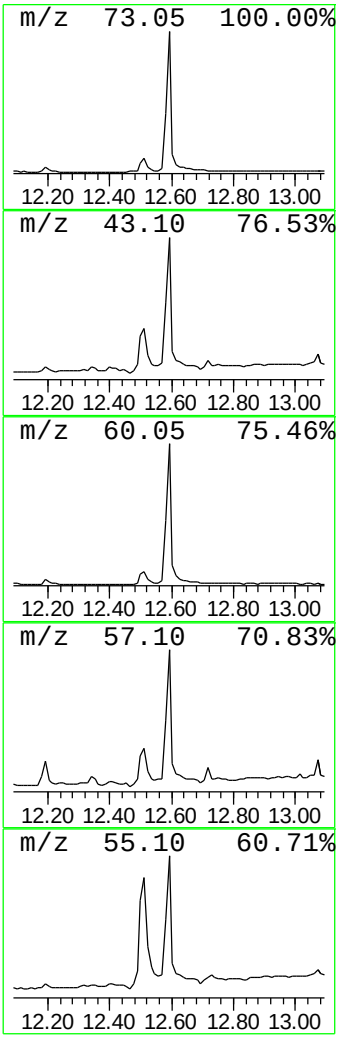
Peak Number 17 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.66 ng	1393400	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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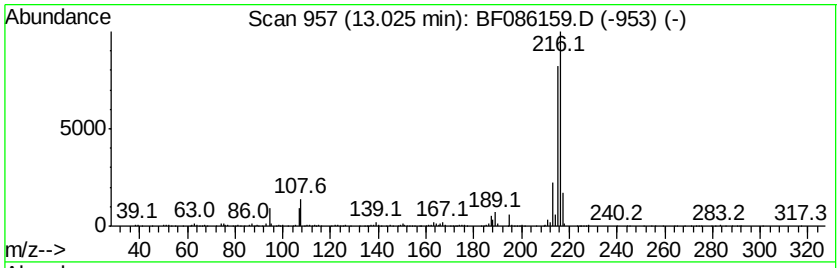
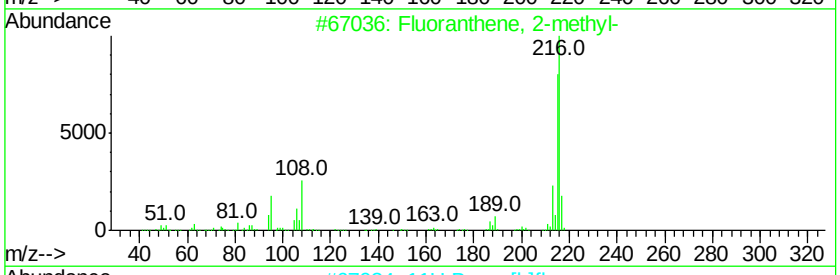
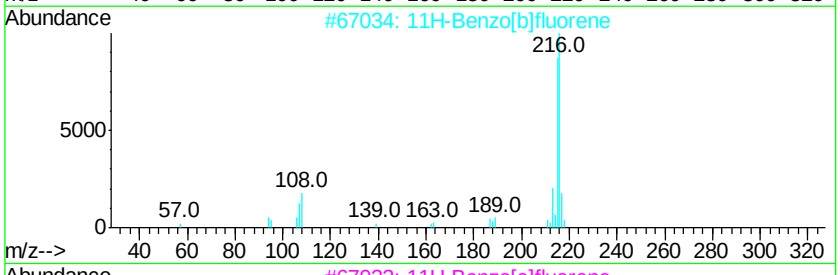
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 17

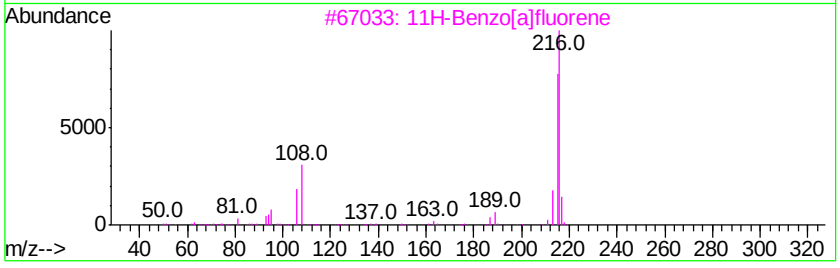
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.83 ng	514501	Chrysene-d12	13.89

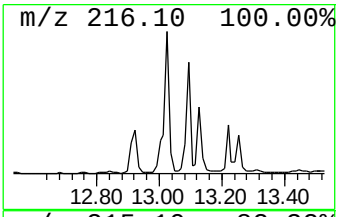
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80

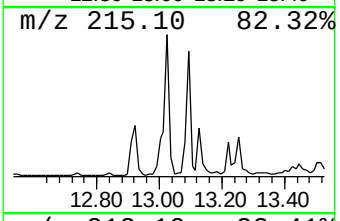


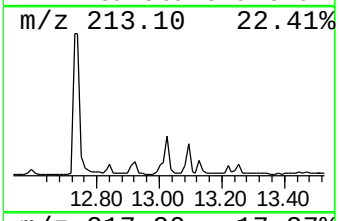


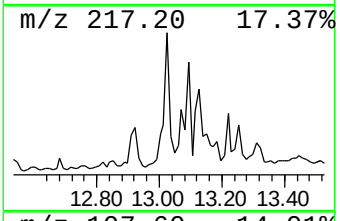


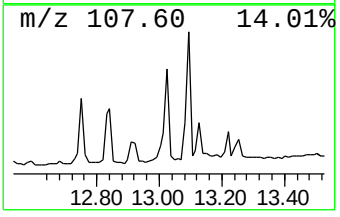












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TIC Integration Parameters: LSCINT.P

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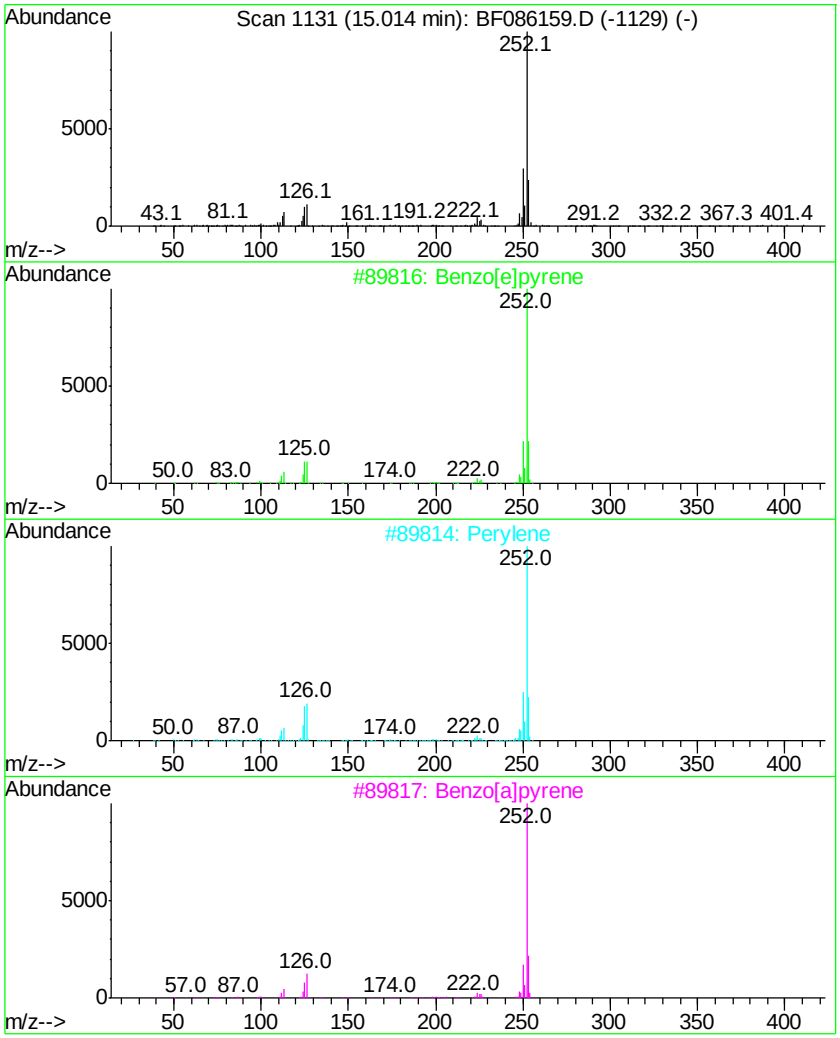
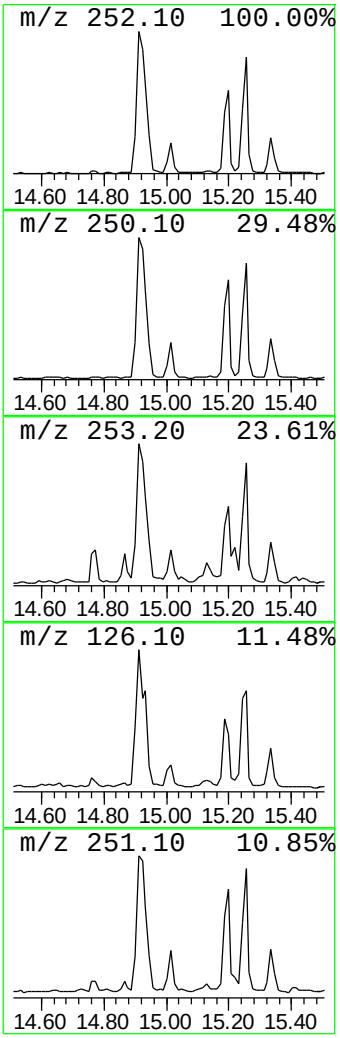
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	9.66 ng	267756	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086159.D
Acq On : 8 Apr 2016 5:06
Operator : UM/SJ
Sample : H2310-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	4.26	3.2	ng	100668	1	6.74	623245	20.0
2-Pentanone, 4-hy...	4.89	7.3	ng	228104	1	6.74	623245	20.0
unknown6.51	6.51	56.5	ng	1761770	1	6.74	623245	20.0
Nonanal	7.39	2.9	ng	373023	2	8.02	2573060	20.0
Naphthalene, 2,6-...	9.36	3.9	ng	157715	3	9.77	818758	20.0
Naphthalene, 1,7-...	9.44	4.1	ng	169074	3	9.77	818758	20.0
1,1'-Biphenyl, 3-...	10.41	4.6	ng	187360	3	9.77	818758	20.0
Phenol, 4-(1,1-di...	10.78	2.8	ng	572538	4	11.25	4065680	20.0
unknown10.81	10.81	3.2	ng	643808	4	11.25	4065680	20.0
Tetradecanoic acid	10.93	2.9	ng	579794	4	11.25	4065680	20.0
unknown11.57	11.57	2.8	ng	566233	4	11.25	4065680	20.0
n-Hexadecanoic acid	11.81	17.8	ng	3625550	4	11.25	4065680	20.0
4H-Cyclopenta[def...	11.87	4.1	ng	826967	4	11.25	4065680	20.0
Octadecanoic acid	12.59	7.7	ng	1393400	5	13.89	3637160	20.0
Fluoranthene, 2-m...	13.03	2.8	ng	514501	5	13.89	3637160	20.0
Benzo[e]pyrene	15.01	9.7	ng	267756	6	15.31	554434	20.0