LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

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-BF060716.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	1.667	6	7	16	rVB	220012	368628	12.42%	0.757%
2	1.793	16	18	56	rVB	1269733	2966889	100.00%	6.089%
3	2.730	98	100	105	rVB	20203	35600	1.20%	0.073%
4	4.056	213	216	219	rBV	22333	34093	1.15%	0.070%
5	4.844	283	285	288	rBV	102387	135718	4.57%	0.279%
6	5.279	321	323	326	rBV	1166214	1265882	42.67%	2.598%
7	5.576	346	349	354	rVB	16068	30667	1.03%	0.063%
8	6.342	414	416	418	rBV	866659	896905	30.23%	1.841%
9	6.467	424	427	429	rBV	2048592	2256552	76.06%	4.631%
10	6.513	429	431	432	rVB	46510	49330	1.66%	0.101%
11	6.696	444	447	449	rBV	706077	642834	21.67%	1.319%
12	6.856	458	461	462	rBV	1746329	2091707	70.50%	4.293%
13	6.879	462	463	466	rVB2	34124	53619	1.81%	0.110%
14	6.936	466	468	472	rVB3	24234	43514	1.47%	0.089%
15	7.050	475	478	481	rVB	30647	40185	1.35%	0.082%
16	7.142	481	486	490	rBV2	13576	35617	1.20%	0.073%
17	7.267	494	497	499	rBV	1568977	1700067	57.30%	3.489%
18	7.416	506	510	513	rVB6	17595	48370	1.63%	0.099%
19	7.496	513	517	519	rBV4	14550	30222	1.02%	0.062%
20	7.553	519	522	523	rBV2	50531	62125	2.09%	0.128%
21	7.679	529	533	535	rBV2	19251	39044	1.32%	0.080%
22	7.770	539	541	545	rVV3	54732	99595	3.36%	0.204%
23	7.885	548	551	553	rVV2	32955	79356	2.67%	0.163%
24	7.930	553	555	557	rVV2	25661	52916	1.78%	0.109%
25	7.976	557	559	562	rVV	696678	862138	29.06%	1.769%
26	8.113	568	571	575	rBV2	35048	52349	1.76%	0.107%
27	8.205	577	579	583	rVB	89252	126274	4.26%	0.259%
28	8.273	583	585	588	rBV3	23670	47850	1.61%	0.098%
29	8.376	592	594	596	rVV	45965	76305	2.57%	0.157%
30	8.433	596	599	602	rVV3	71878	150022	5.06%	0.308%
31	8.490	602	604	609	rVB4	28846	70862	2.39%	0.145%
32	8.570	609	611	614	rBV2	40332	59986	2.02%	0.123%
33	8.708	620	623	625	rBV2	23994	48562	1.64%	0.100%
34	8.799	629	631	633	rBV2	22434	37925	1.28%	0.078%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.868	635	637	640	rBV	76693	86988	2.93%	0.179%
36	8.970	640	646	651	rBV	198965	408379	13.76%	0.838%
37	9.062	651	654	656	rVB	2598196	2737295	92.26%	5.618%
38	9.176	662	664	667	rBV4	37319	68127	2.30%	0.140%
39	9.302	674	675	678	rBV3	34871	47466	1.60%	0.097%
40	9.393	681	683	684	rVV	322053	320682	10.81%	0.658%
41	9.428	684	686	688	rVV	312551	427197	14.40%	0.877%
42	9.462	688	689	690	rVV	245347	172558	5.82%	0.354%
43	9.508	690	693	696	rVV	521627	557037	18.78%	1.143%
44	9.633	702	704	706	rVB2	45158	60999	2.06%	0.125%
45	9.736	710	713	715	rVB	741029	922441	31.09%	1.893%
46	9.805	715	719	722	rVB2	127747	198336	6.68%	0.407%
47	9.908	724	728	731	rBV	726544	950934	32.05%	1.952%
48	9.965	731	733	735	rVB3	41828	71980	2.43%	0.148%
49	10.022	736	738	740	rVB	488416	395862	13.34%	0.812%
50	10.091	740	744	746	rVB	141264	184152	6.21%	0.378%
51	10.159	748	750	753	rBV4	107586	190318	6.41%	0.391%
52	10.251	754	758	761	rVB4	216272	325901	10.98%	0.669%
53	10.319	762	764	768	rBV2	249668	350182	11.80%	0.719%
54	10.376	768	769	771	rVB	81588	86370	2.91%	0.177%
55	10.422	771	773	774	rBV2	58221	81771	2.76%	0.168%
56	10.456	774	776	777	rVB2	95327	110528	3.73%	0.227%
57	10.525	777	782	783	rBV2	1438509	1779374	59.97%	3.652%
58	10.559	783	785	787	rVB	119293	164270	5.54%	0.337%
59	10.616	787	790	791	rBV	250082	369722	12.46%	0.759%
60	10.651	791	793	794	rVB2	72919	66722	2.25%	0.137%
61	10.708	797	798	800	rBV	49470	36734	1.24%	0.075%
62	10.776	801	804	807	rBV2	762132	1228597	41.41%	2.522%
63	10.834	807	809	812	rVB3	72705	106525	3.59%	0.219%
64	10.891	812	814	815	rBV2	55357	69424	2.34%	0.142%
65	10.936	815	818	820	rBV	342273	552478	18.62%	1.134%
66	11.028	821	826	828	rVV2	497725	910608	30.69%	1.869%
67	11.108	832	833	835	rVB	192465	162877	5.49%	0.334%
68	11.211	835	842	844	rBV3	1170643	2357115	79.45%	4.838%
69	11.256	844	846	847	rBV2	166074	254293	8.57%	0.522%
70	11.325	847	852	855	rVB3	515341	1216254	40.99%	2.496%
71	11.382	855	857	859	rBV	392425	519488	17.51%	1.066%

LSC Area Percent Report

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Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.416	859	860	866	rVB3	188855	422083	14.23%	0.866%
73	11.508	866	868	871	rBV2	237302	440179	14.84%	0.903%
74	11.565	871	873	875	rBV	581902	679731	22.91%	1.395%
75	11.611	875	877	879	rBV3	119605	250874	8.46%	0.515%
76	11.668	879	882	890	rVB3	529561	1340729	45.19%	2.752%
77	11.782	890	892	895	rVB	359338	459108	15.47%	0.942%
78	11.862	897	899	902	rBV2	474303	936678	31.57%	1.922%
79	11.931	904	905	907	rBV2	188684	289279	9.75%	0.594%
80	11.976	907	909	911	rBV2	152901	182608	6.15%	0.375%
81	12.194	923	928	930	rBV	345947	1061938	35.79%	2.179%
82	12.239	930	932	937	rVB3	447803	1192520	40.19%	2.447%
83	12.502	949	955	958	rBV4	604093	2181797	73.54%	4.478%
84	12.559	958	960	961	rVV2	427740	635927	21.43%	1.305%
85	12.628	965	966	969	rVB2	364566	346429	11.68%	0.711%
86	12.742	972	976	978	rBV3	224916	647368	21.82%	1.329%
87	12.799	978	981	984	rVV	1772210	1996789	67.30%	4.098%
88	13.017	998	1000	1007	rVB4	116013	326539	11.01%	0.670%
89	13.337	1026	1028	1030	rVB	122075	161296	5.44%	0.331%
90	13.371	1030	1031	1033	rBV	51440	59830	2.02%	0.123%
91	13.702	1058	1060	1067	rVB	107839	149749	5.05%	0.307%
92	13.840	1070	1072	1075	rVB	606336	627096	21.14%	1.287%
93	14.011	1086	1087	1090	rVB	60279	74636	2.52%	0.153%
94	14.320	1112	1114	1126	rVB	70181	123826	4.17%	0.254%
95	14.617	1137	1140	1142	rVB	58006	68405	2.31%	0.140%
96	14.914	1164	1166	1168	rVB	56949	59454	2.00%	0.122%
97	15.223	1191	1193	1209	rVB	532120	780909	26.32%	1.603%
98	15.634	1226	1229	1232	rVB	30119	38106	1.28%	0.078%
99	16.068	1265	1267	1273	rVB2	22760	48483	1.63%	0.100%

Sum of corrected areas: 48724058

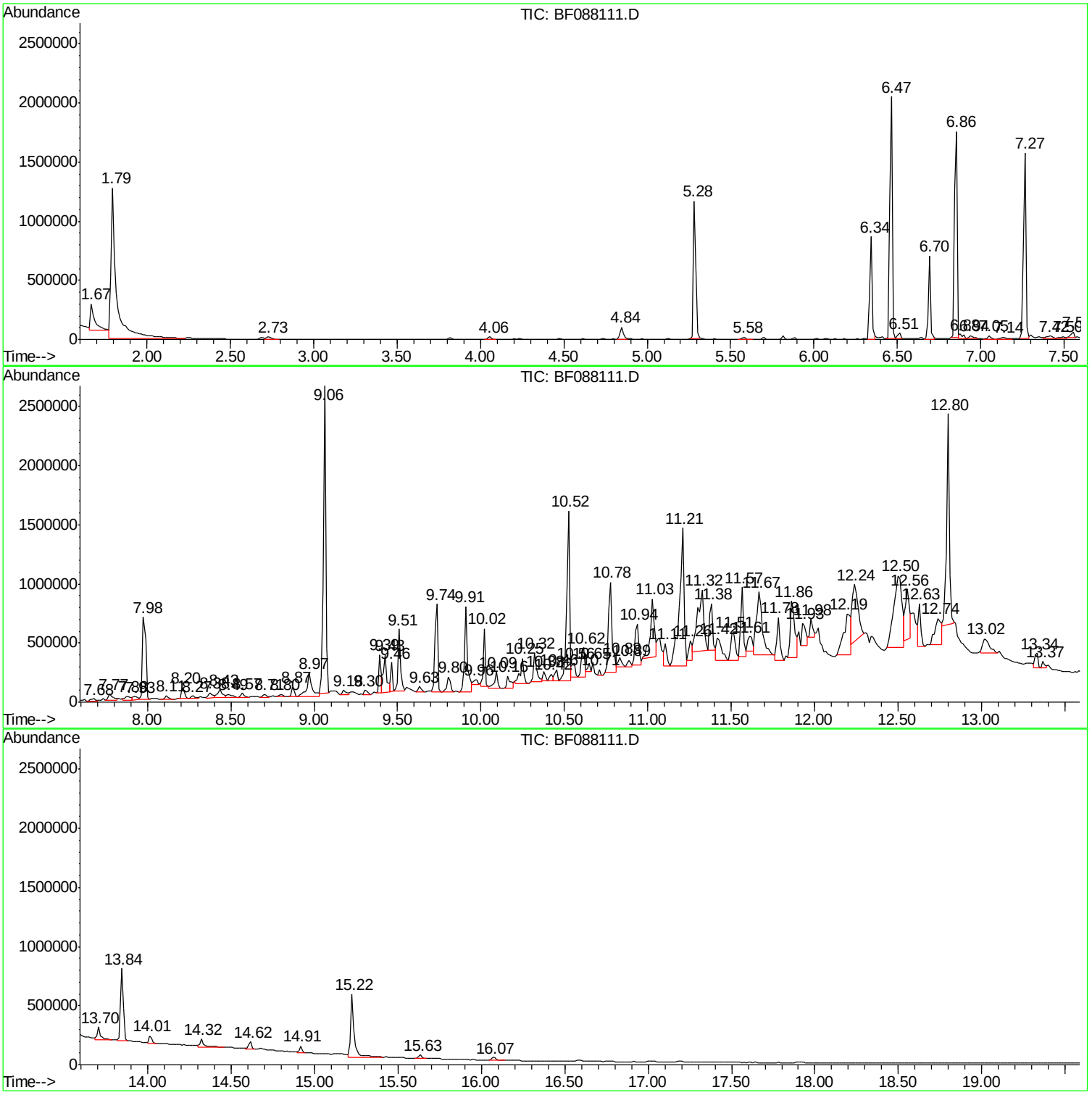
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

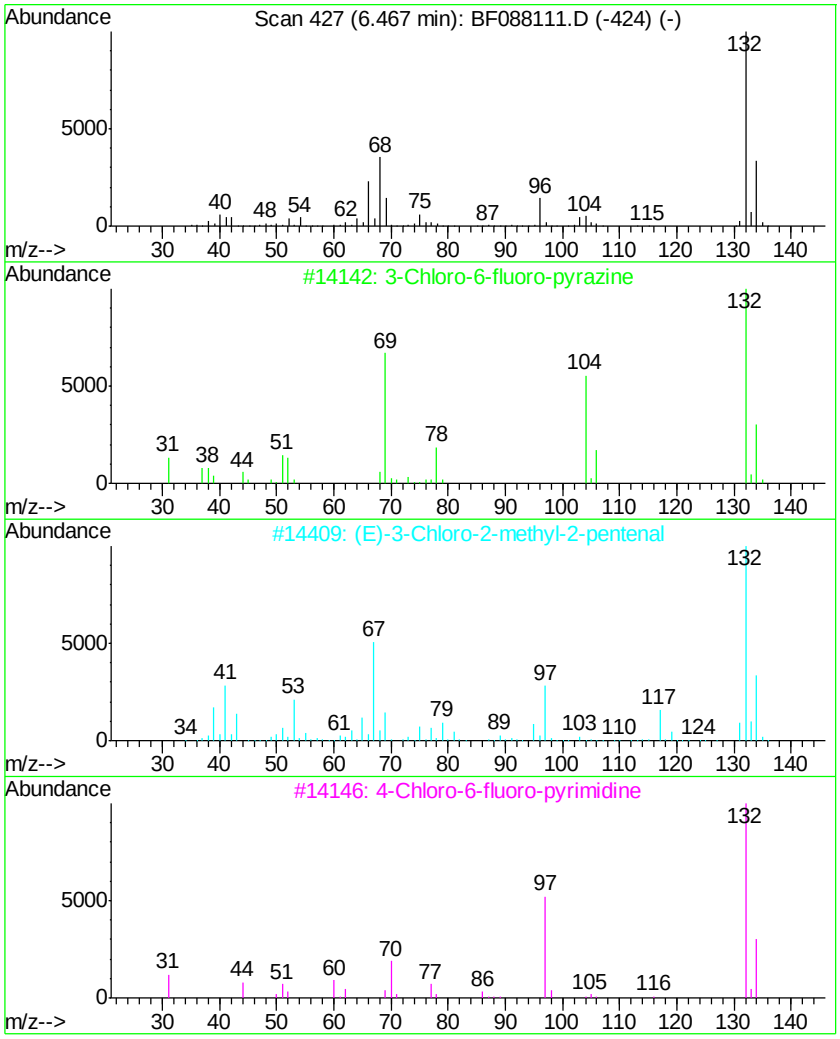
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

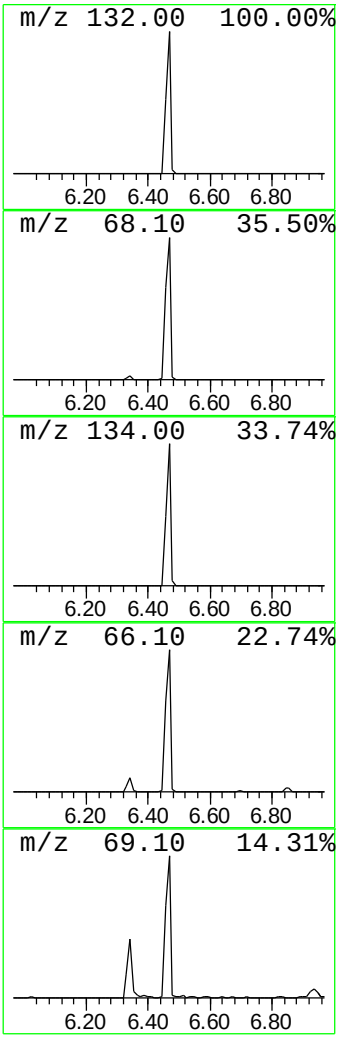
****

Peak Number 3 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	70.21 ng	2256550	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

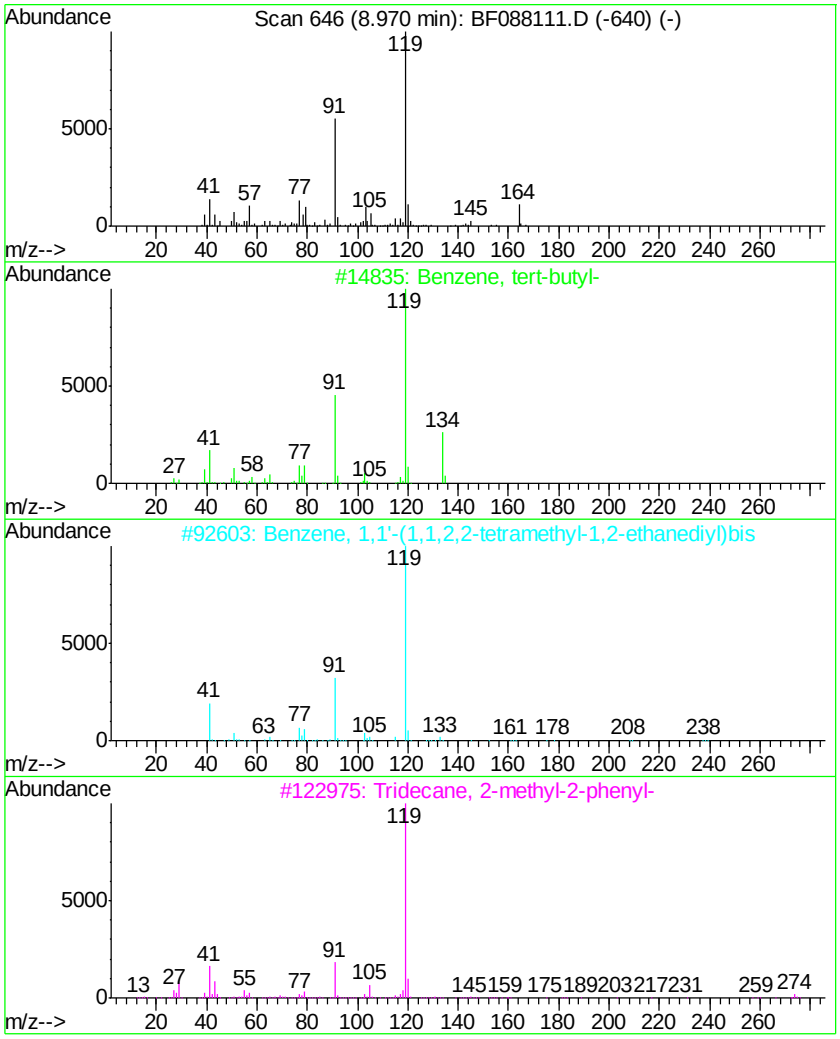
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

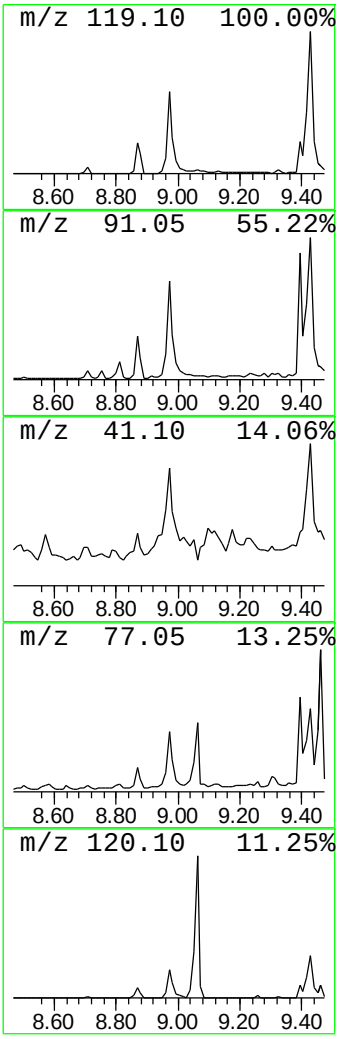
****

Peak Number 5 Benzene, tert-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	8.85 ng	408379	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	78
2	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64





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Sample : H3542-02
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Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

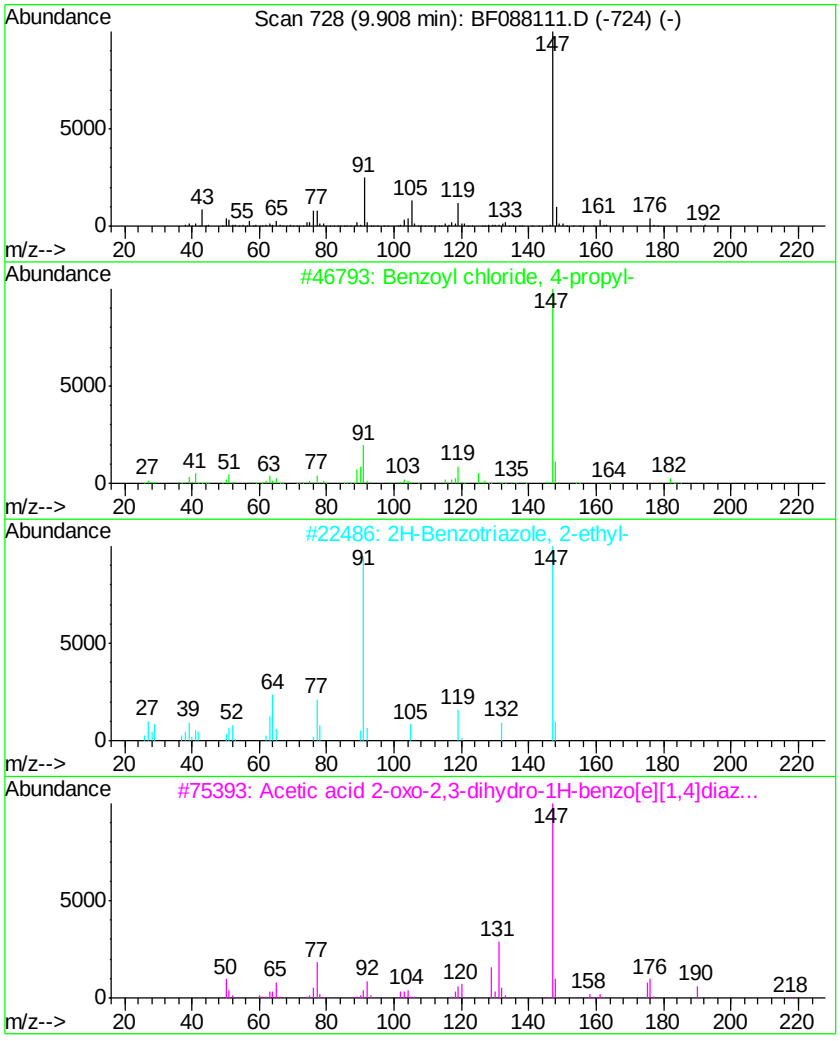
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

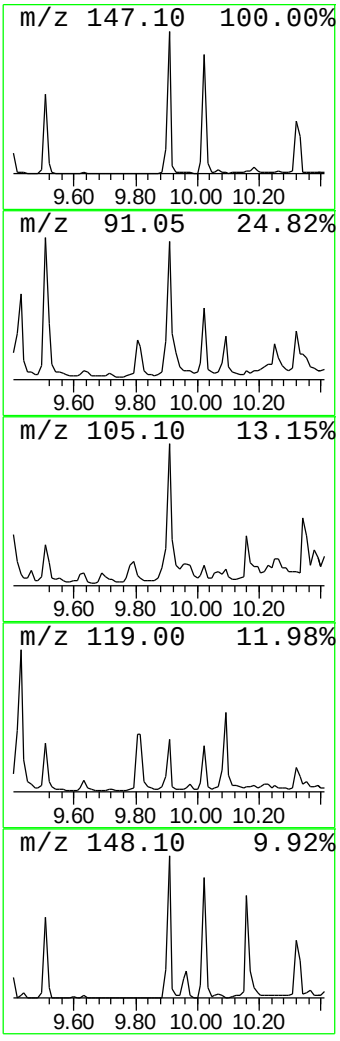
****

Peak Number 6 Benzoyl chloride, 4-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	20.62 ng	950934	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	59
2	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	59
3	Acetic acid 2-oxo-2,3-dihydro-1H...	218	C11H10N2O3	016780-58-8	50
4	3,3,5,5-Tetramethyl-6-(2,4,6-tri...	316	C19H24O4	1000300-11-3	45
5	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

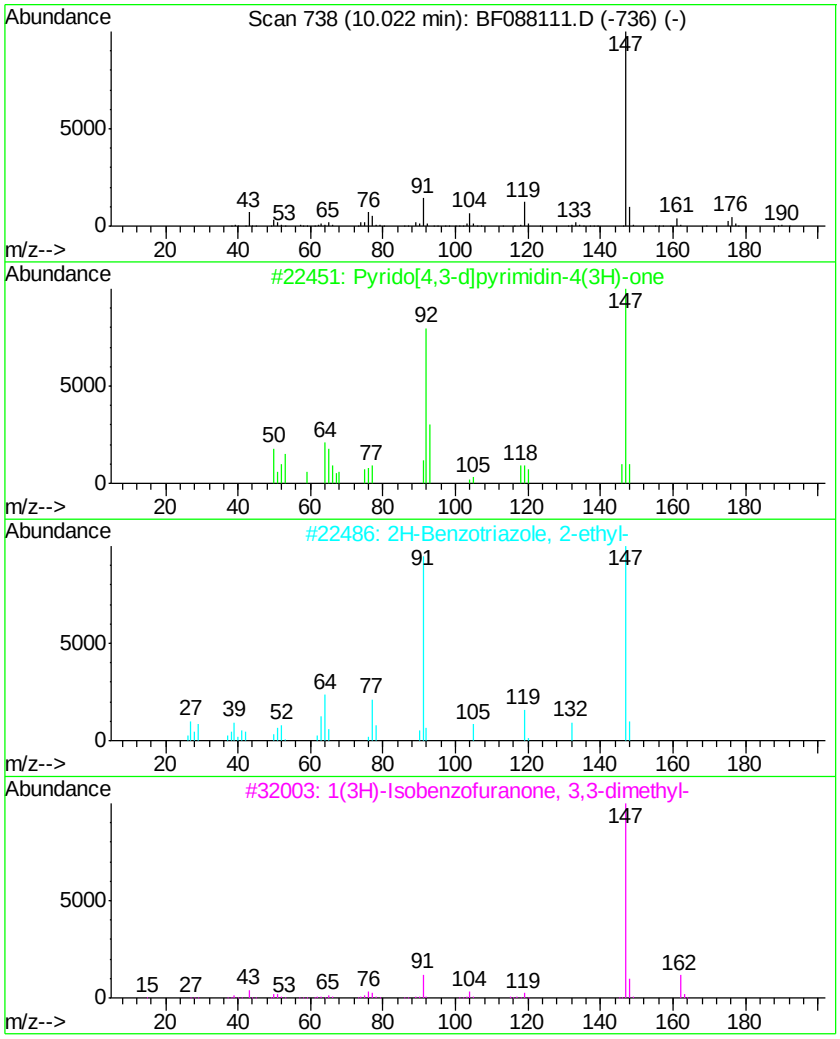
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

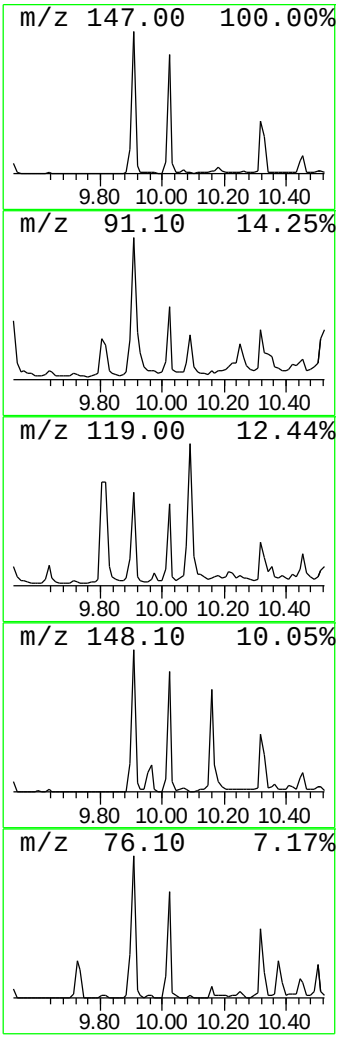
****

Peak Number 7 Pyrido[4,3-d]pyrimidin-4(3H... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	8.58 ng	395862	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[4,3-d]pyrimidin-4(3H)-one	147	C7H5N3O	016952-64-0	72
2	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	64
3	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	59
4	Ethanone, 1-[4-(1-methylethyl)ph...	162	C11H14O	000645-13-6	56
5	3,3,5,5-Tetramethyl-6-(2,4,6-tri...	316	C19H24O4	1000300-11-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

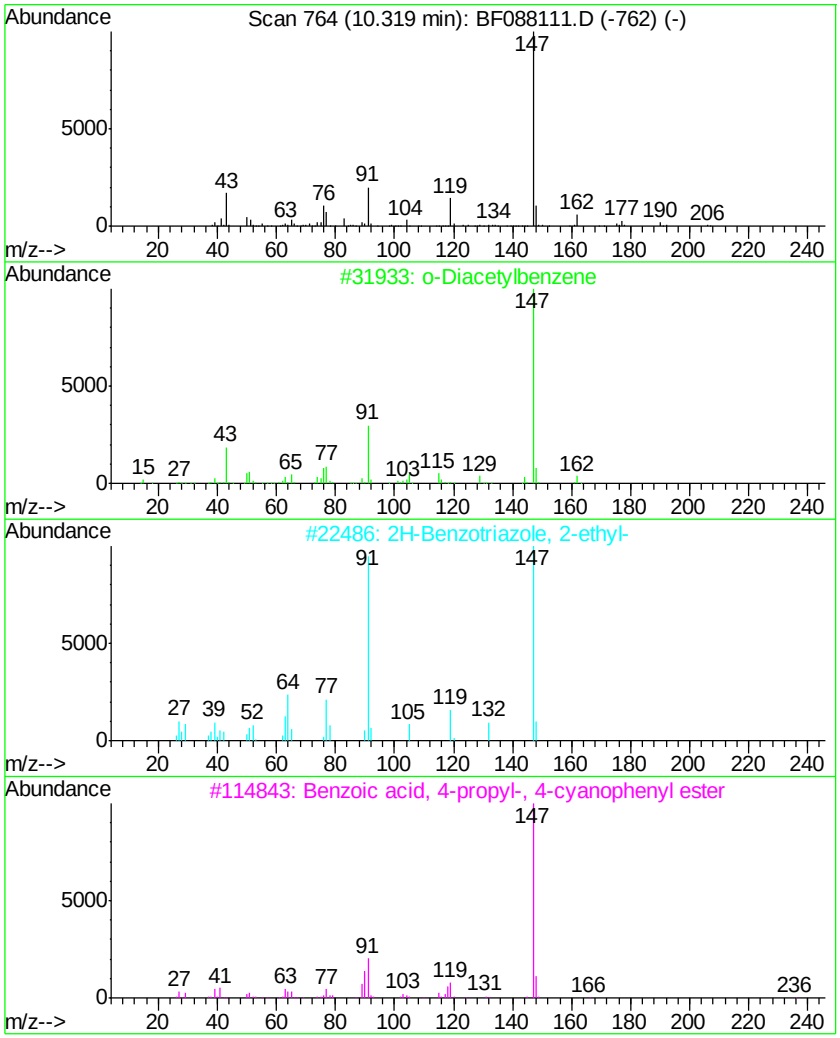
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

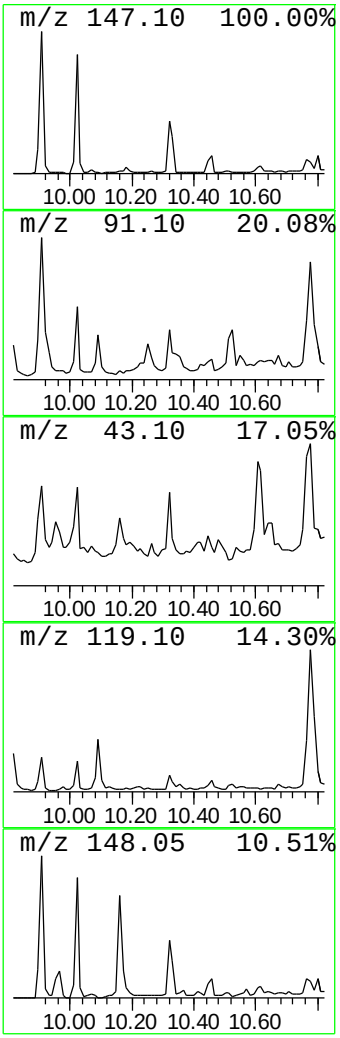
****

Peak Number 8 o-Diacetylbenzene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	7.59 ng	350182	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Diacetylbenzene	162	C10H10O2	000704-00-7	72
2	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	59
3	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	50
4	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	45
5	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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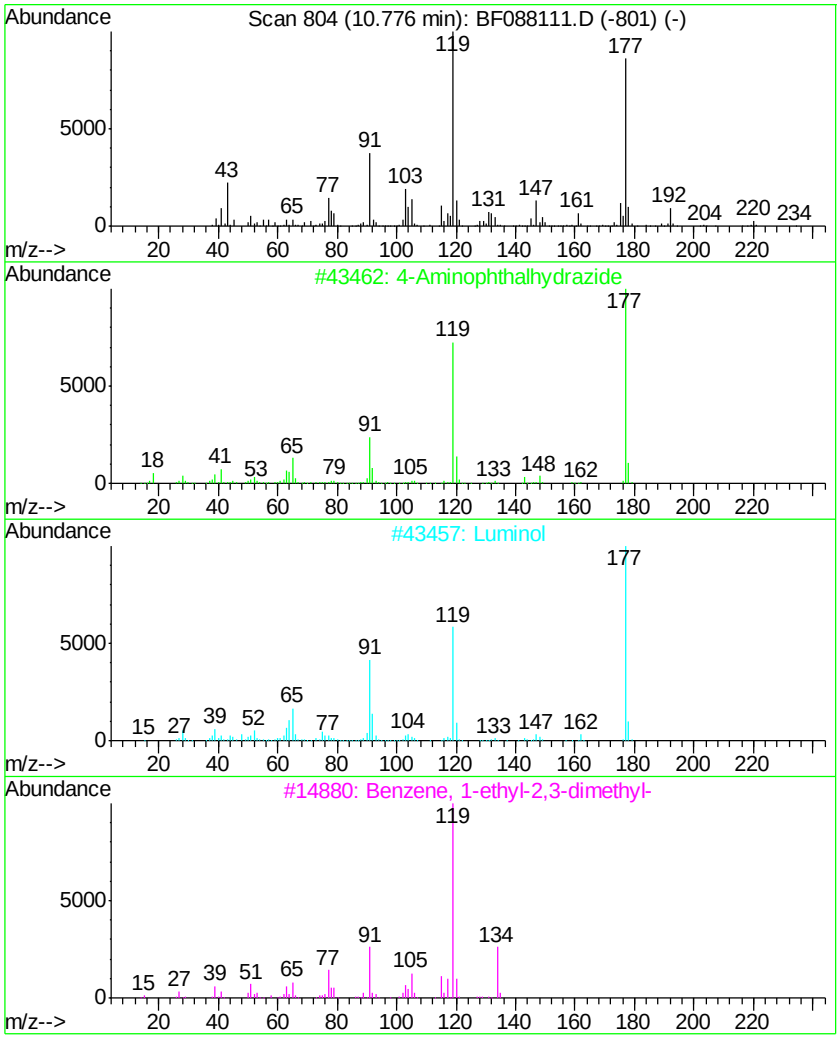
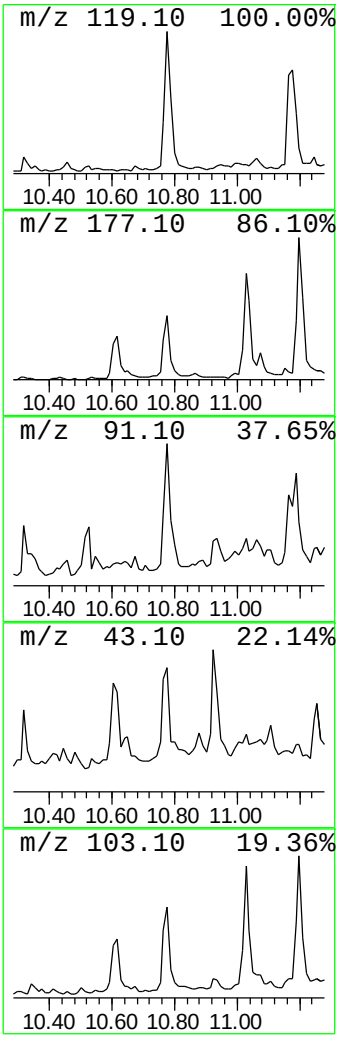
Peak Number 9 4-Aminophthalhydrazide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	10.42 ng	1228600	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Aminophthalhydrazide	177	C8H7N3O2	003682-14-2	59
2	Luminol	177	C8H7N3O2	000521-31-3	47
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
4	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	38
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38





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Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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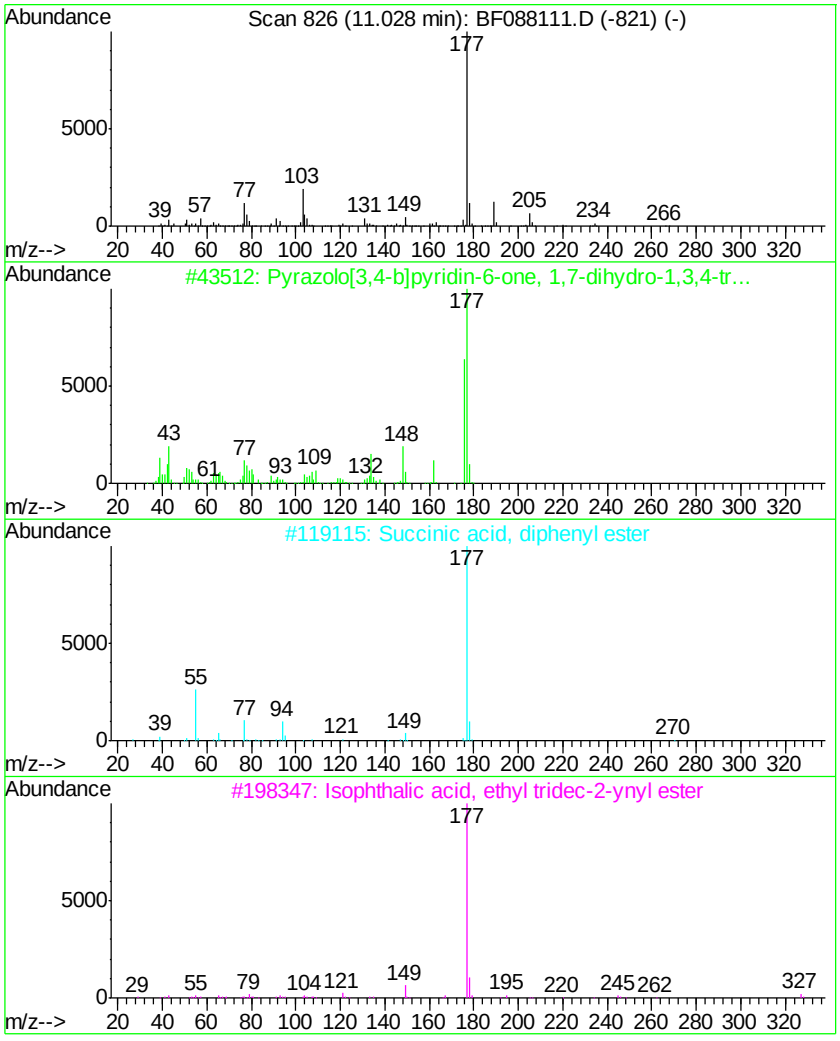
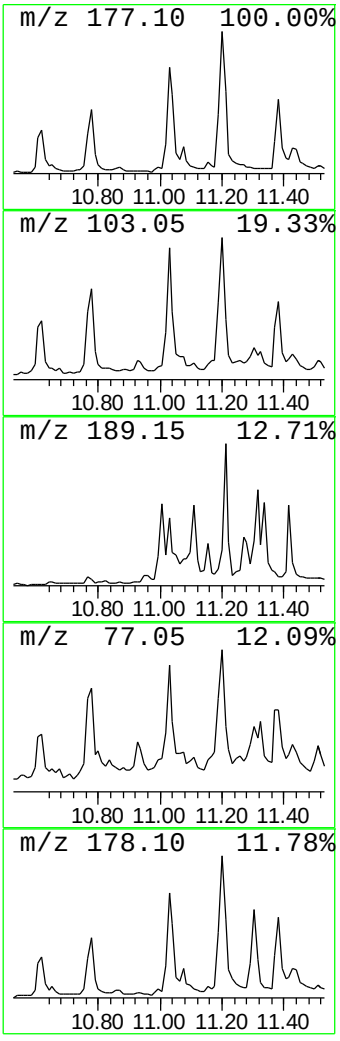
Peak Number 10 unknown11.03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	7.73 ng	910608	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo[3,4-b]pyridin-6-one, 1,...	177	C9H11N3O	057411-62-8	40
2	Succinic acid, diphenyl ester	270	C16H14O4	1000357-99-6	40
3	Isophthalic acid, ethyl tridec-2...	372	C23H32O4	1000343-91-2	38
4	2-Propanamine, N-[(3-nitrophenyl...	192	C10H12N2O2	027895-80-3	34
5	2-Thiazolamine, 4-(4-pyridinyl)-	177	C8H7N3S	1000351-69-3	33





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Instrument : BNA_F
ClientSampleId : MW-23

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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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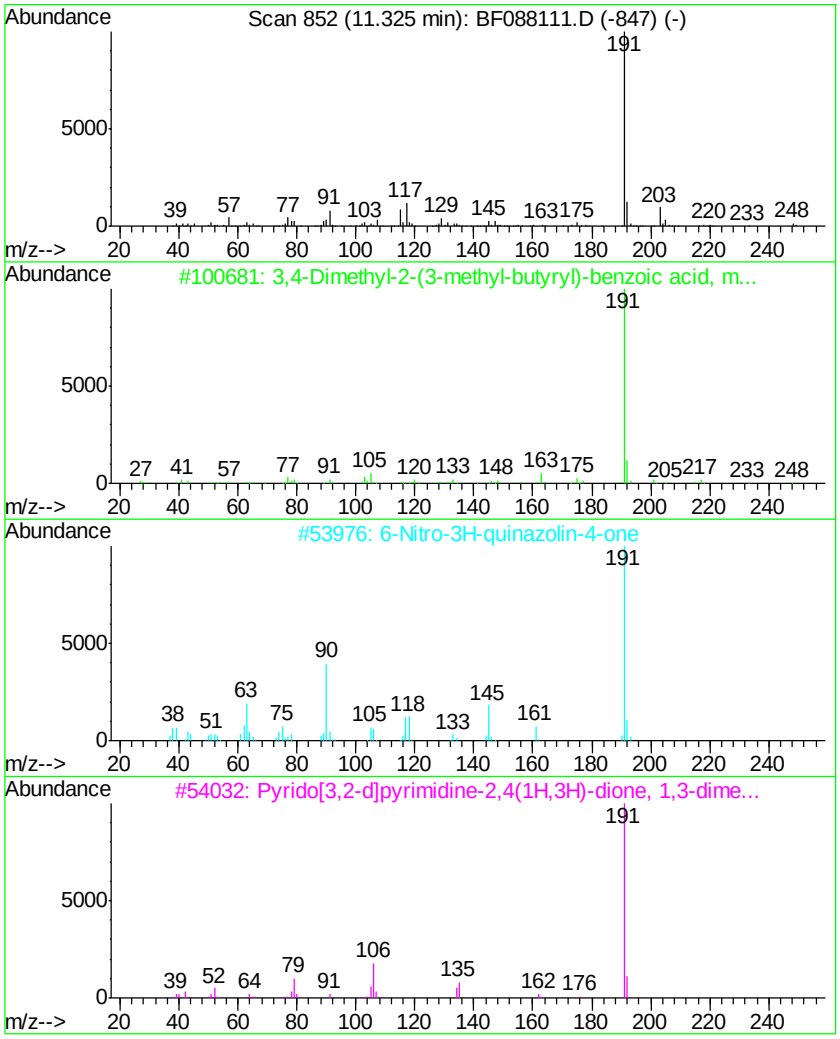
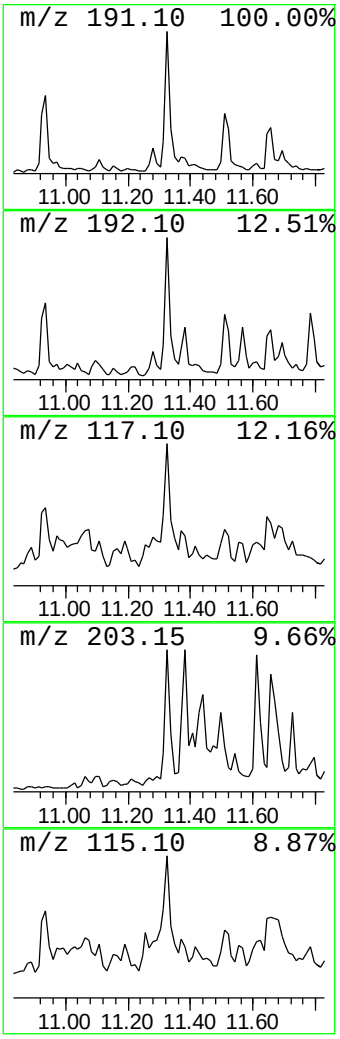
Peak Number 11 3,4-Dimethyl-2-(3-methyl-bu... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	10.32 ng	1216250	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-(3-methyl-butyryl...	248	C15H20O3	071940-29-9	53
2	6-Nitro-3H-quinazolin-4-one	191	C8H5N3O3	1000318-13-9	53
3	Pyrido[3,2-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	024410-25-1	42
4	Succinic acid, di(3-methylphenyl...	298	C18H18O4	1000329-96-8	42
5	Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	42





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ClientSampleId : MW-23

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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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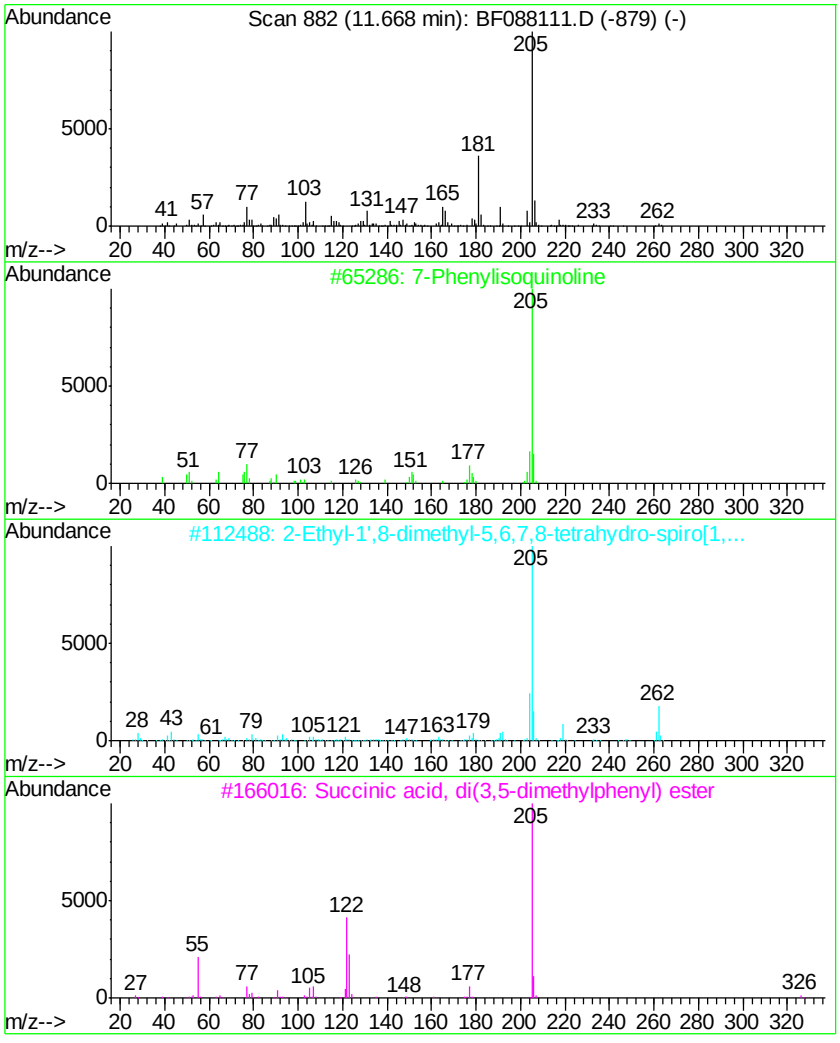
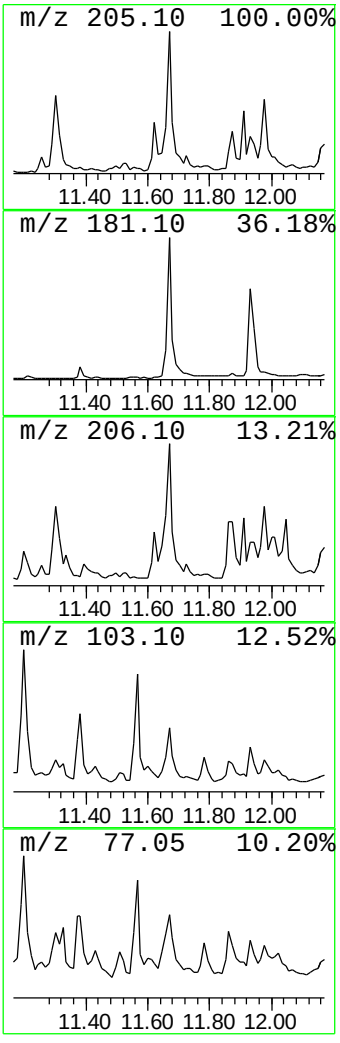
Peak Number 12 unknown11.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	11.38 ng	1340730	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Phenylisoquinoline	205	C15H11N	070125-65-4	49
2	2-Ethyl-1',8-dimethyl-5,6,7,8-te...	262	C16H27BO2	1000061-56-4	47
3	Succinic acid, di(3,5-dimethylph...	326	C20H22O4	1000329-67-6	47
4	Terephthalic acid, butyl 2-methy...	306	C18H26O4	1000356-19-4	47
5	Benzene, 1,1'-(1-isocyano-1,2-et...	205	C15H11N	056701-14-5	42





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ClientSampleId : MW-23

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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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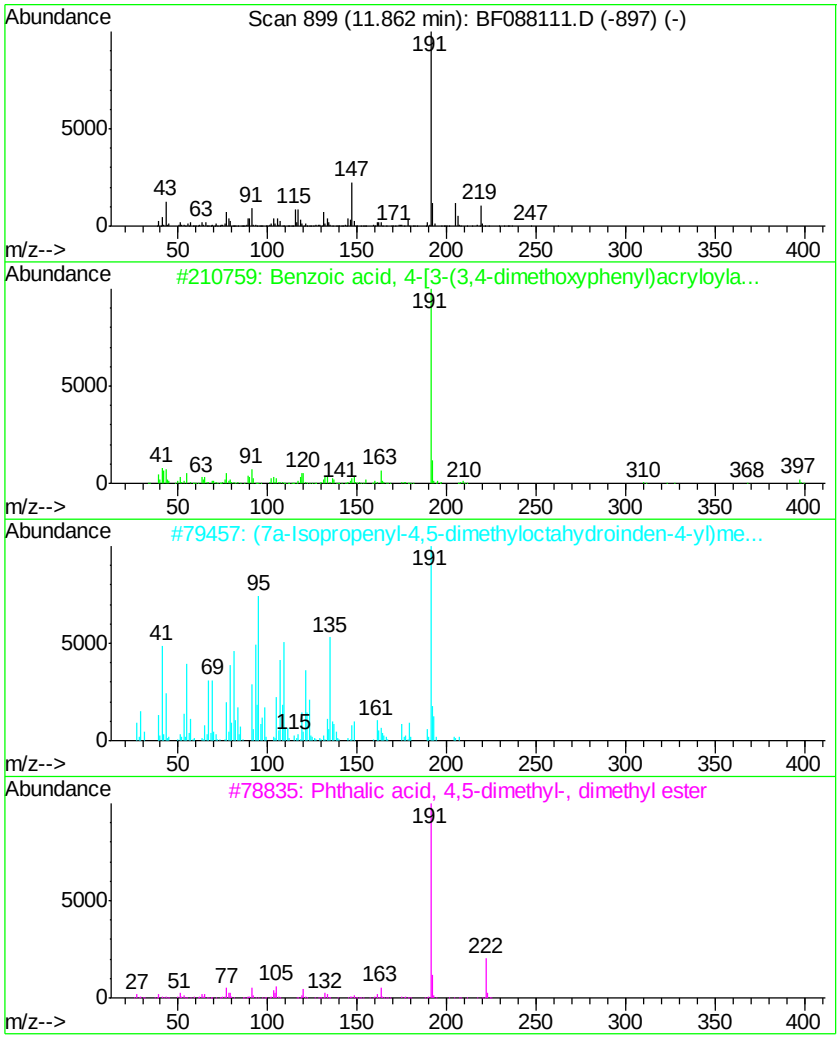
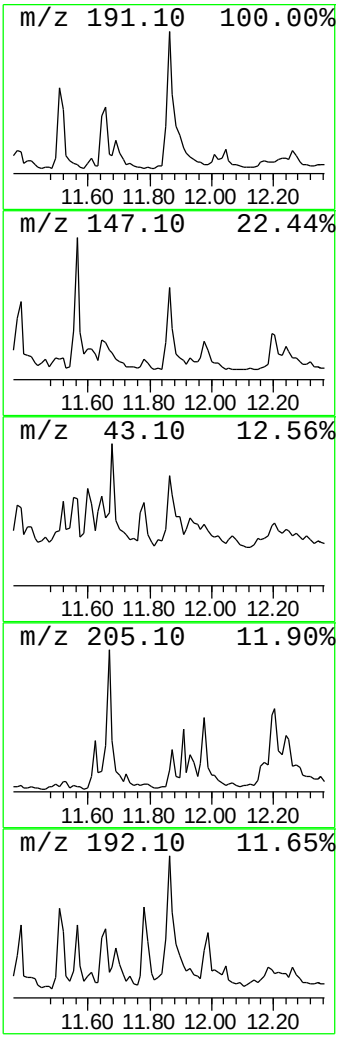
Peak Number 13 Benzoic acid, 4-[3-(3,4-dim... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.95 ng	936678	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-[3-(3,4-dimethox...	397	C23H27NO5	1000317-25-8	50
2	(7a-Isopropenyl-4,5-dimethyloctа...	222	C15H26O	1000187-02-9	47
3	Phthalic acid, 4,5-dimethyl-, di...	222	C12H14O4	017649-59-1	47
4	2-Imino-6-mercapto-4,4-dimethyl-...	206	C9H10N4S	1000276-00-7	47
5	4H-3,1-Benzoxazin-4-one, 2-methy...	191	C10H9NO3	038527-50-3	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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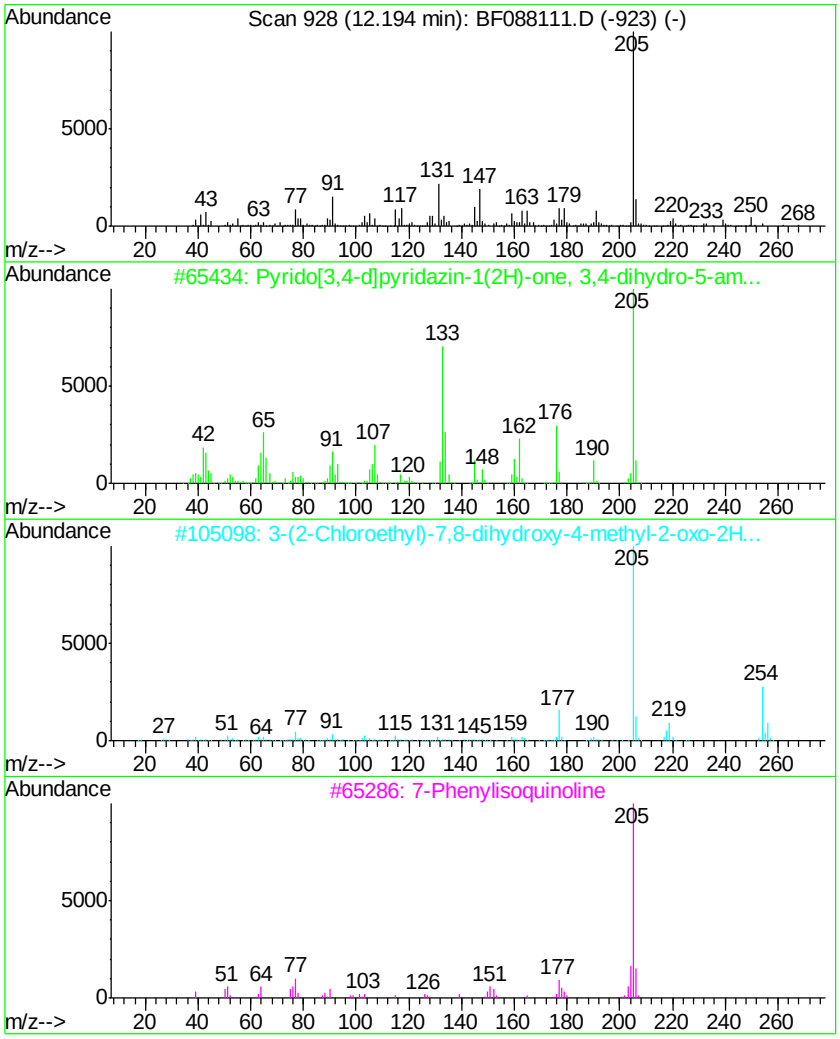
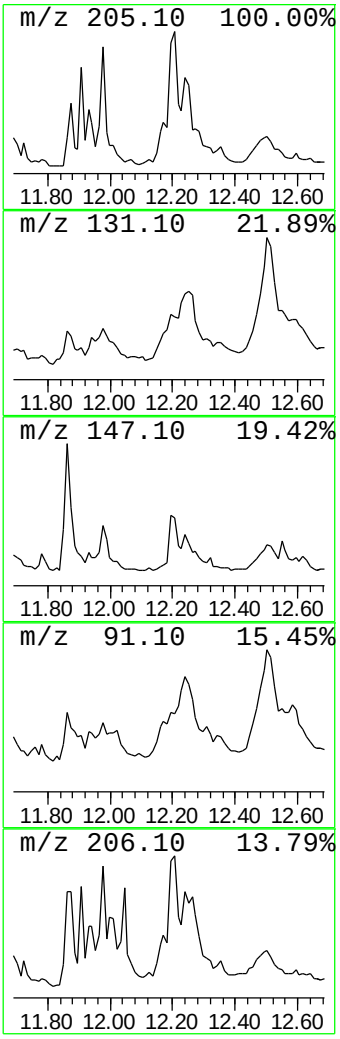
Peak Number 14 unknown12.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	9.01 ng	1061940	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[3,4-d]pyridazin-1(2H)-one...	205	C9H11N5O	1000271-08-5	43
2	3-(2-Chloroethyl)-7,8-dihydroxy-...	254	C12H11ClO4	104295-88-7	43
3	7-Phenylisoquinoline	205	C15H11N	070125-65-4	43
4	Propanoic acid, 2-methyl-3-[4-t-...	220	C14H20O2	1000131-87-0	40
5	Isophthalic acid, butyl 2-methyl...	276	C16H20O4	1000343-94-7	38





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ClientSampleId : MW-23

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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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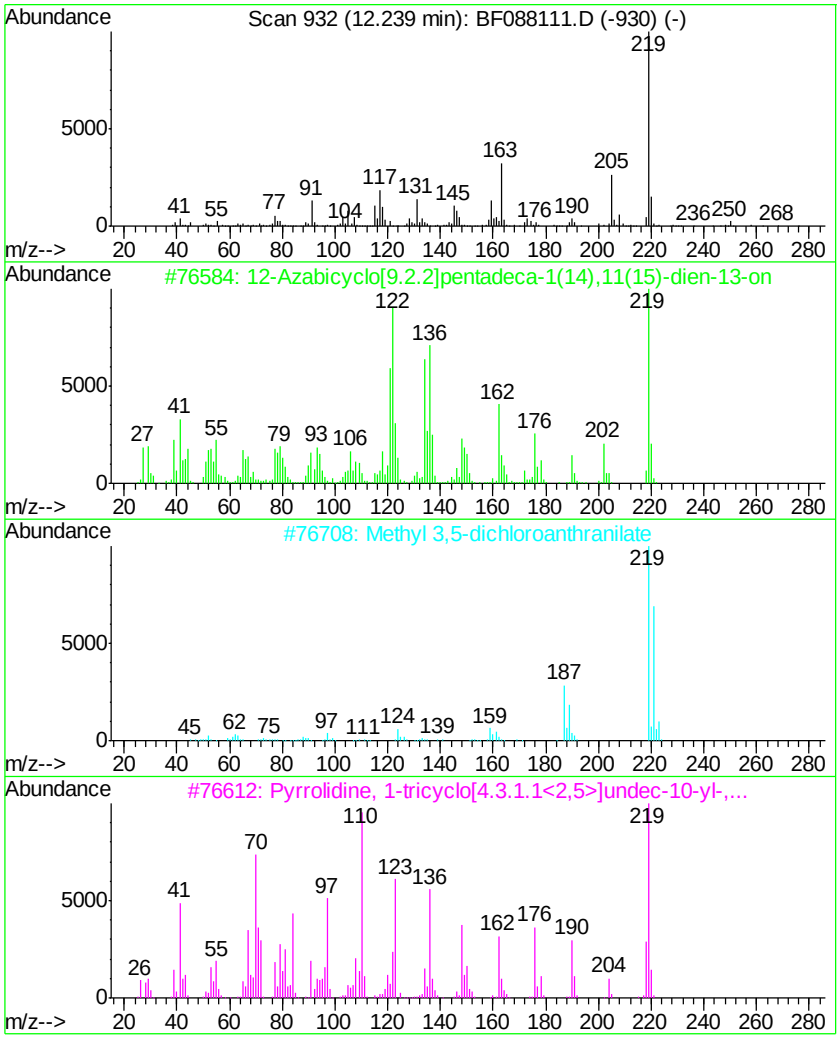
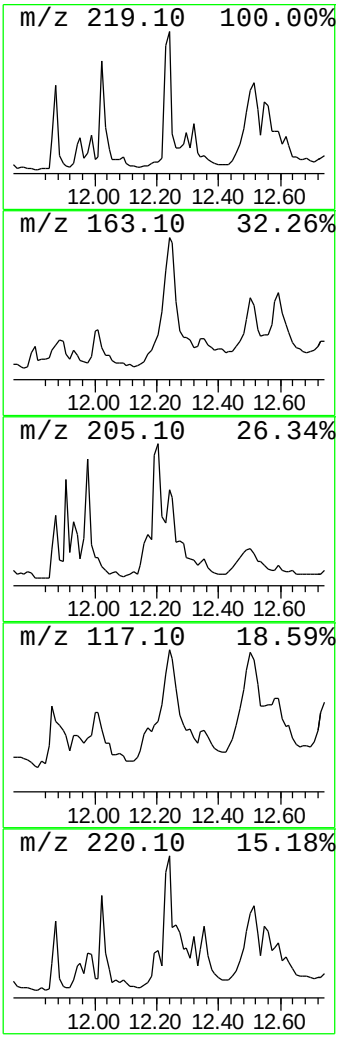
Peak Number 15 12-Azabicyclo[9.2.2]pentade... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	10.12 ng	1192520	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Azabicyclo[9.2.2]pentadeca-1(...	219	C14H21NO	1000185-25-1	50
2	Methyl 3,5-dichloroanthranilate	219	C8H7Cl2NO2	052727-62-5	46
3	Pyrrolidine, 1-tricyclo[4.3.1.1<...	219	C15H25N	085538-51-8	43
4	2-Naphthalenamine, N-phenyl-	219	C16H13N	000135-88-6	43
5	11H-Pyrido[3',2'-4,5]pyrrolo[3,2...	219	C14H9N3	1000212-49-8	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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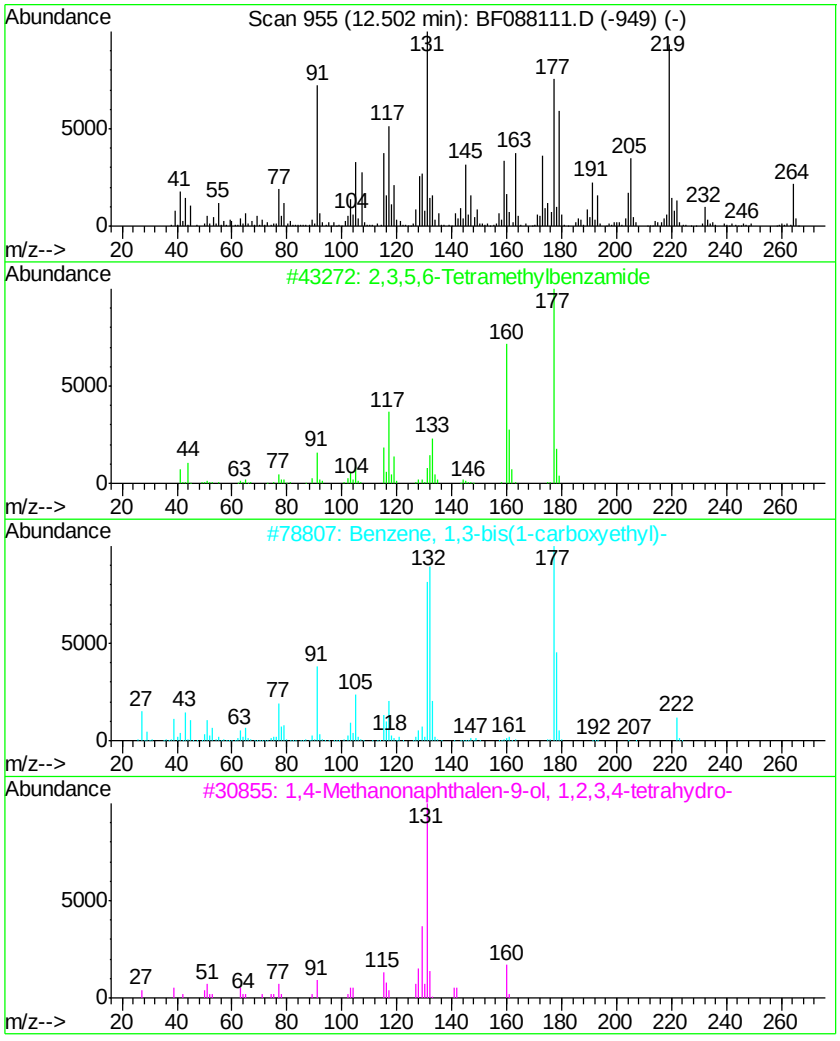
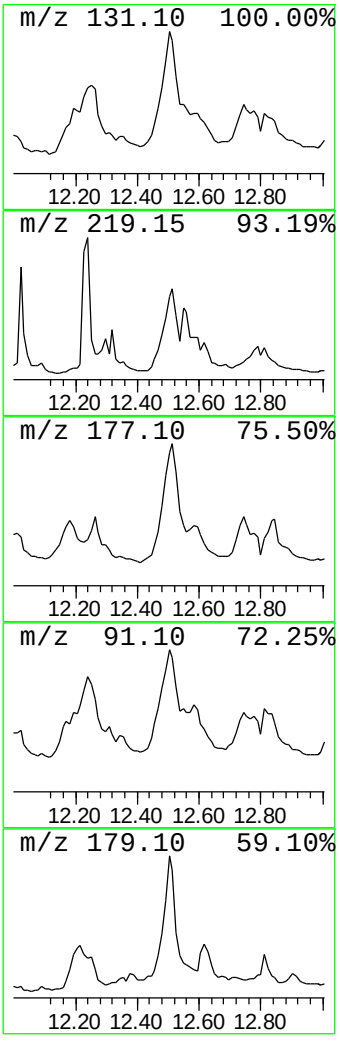
Peak Number 16 2,3,5,6-Tetramethylbenzamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	18.51 ng	2181800	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetramethylbenzamide	177	C11H15NO	099858-56-7	66
2	Benzene, 1,3-bis(1-carboxyethyl)-	222	C12H14O4	1000160-34-2	30
3	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	25
4	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	20
5	Naphthalene, 1,2,3,4-tetrahydro-...	177	C10H11NO2	019353-86-7	20





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ClientSampleId : MW-23

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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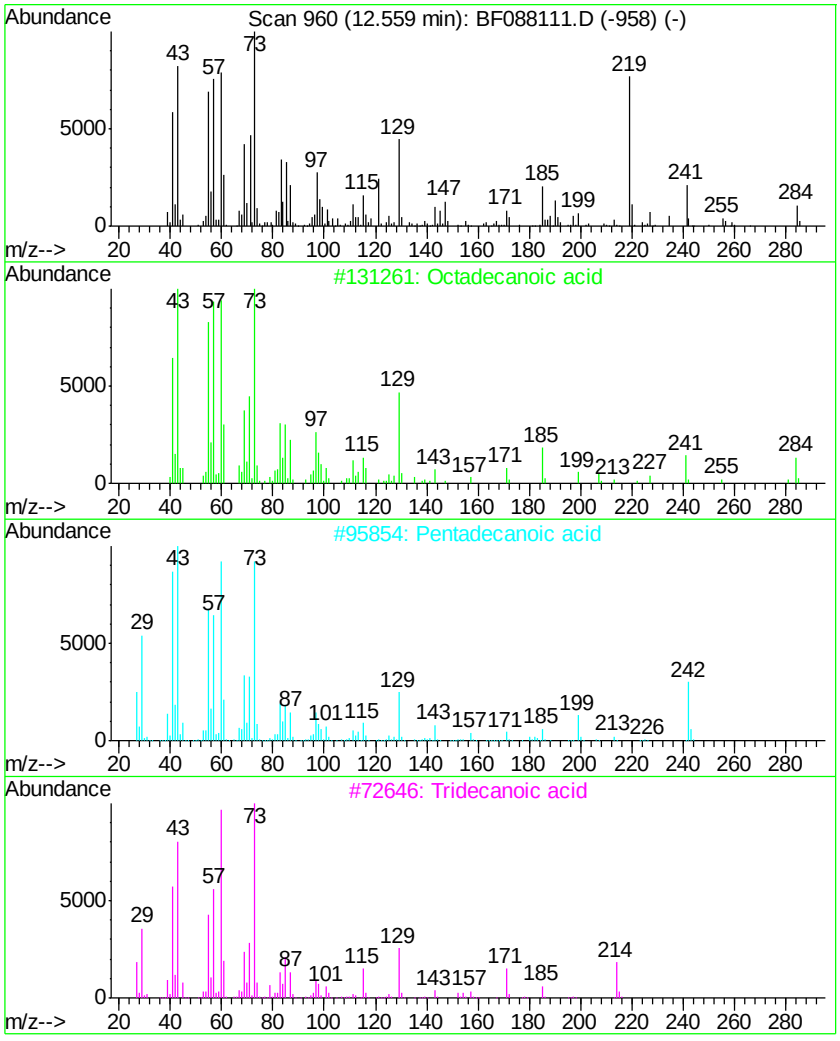
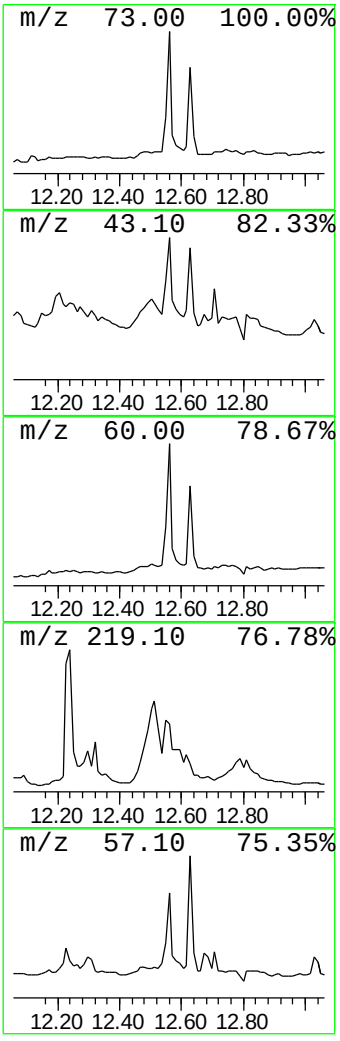
Peak Number 17 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	20.28 ng	635927	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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

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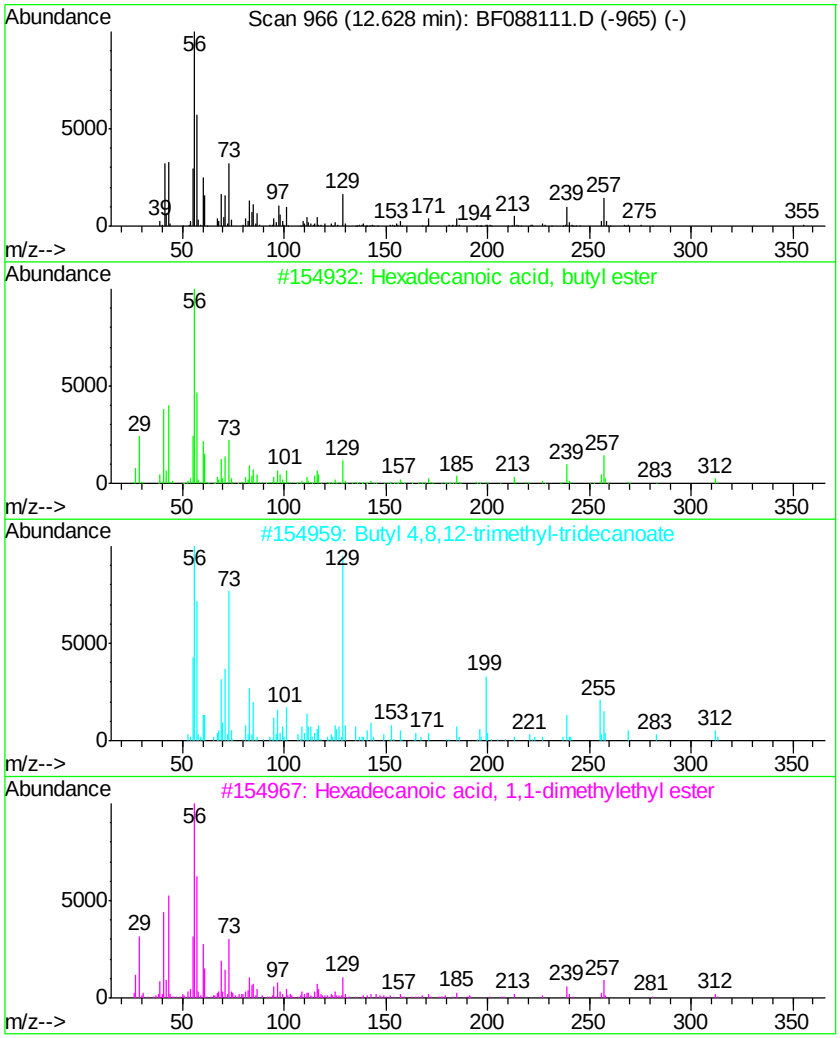
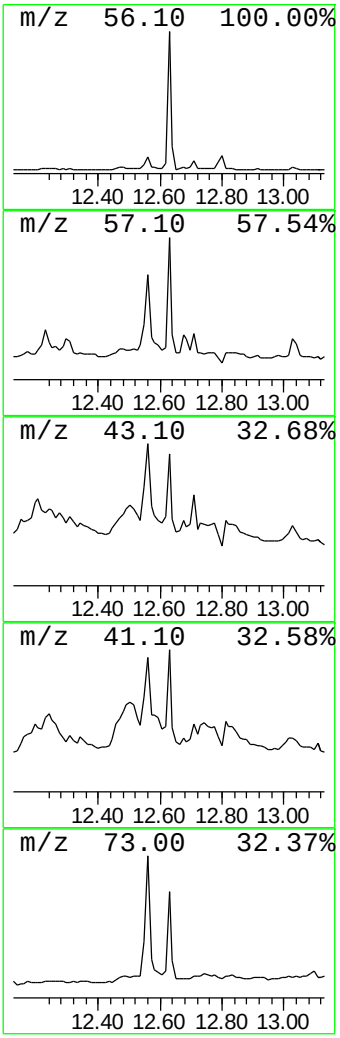
Peak Number 18 Hexadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	11.05 ng	346429	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	42
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	37
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	32





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Instrument : BNA_F
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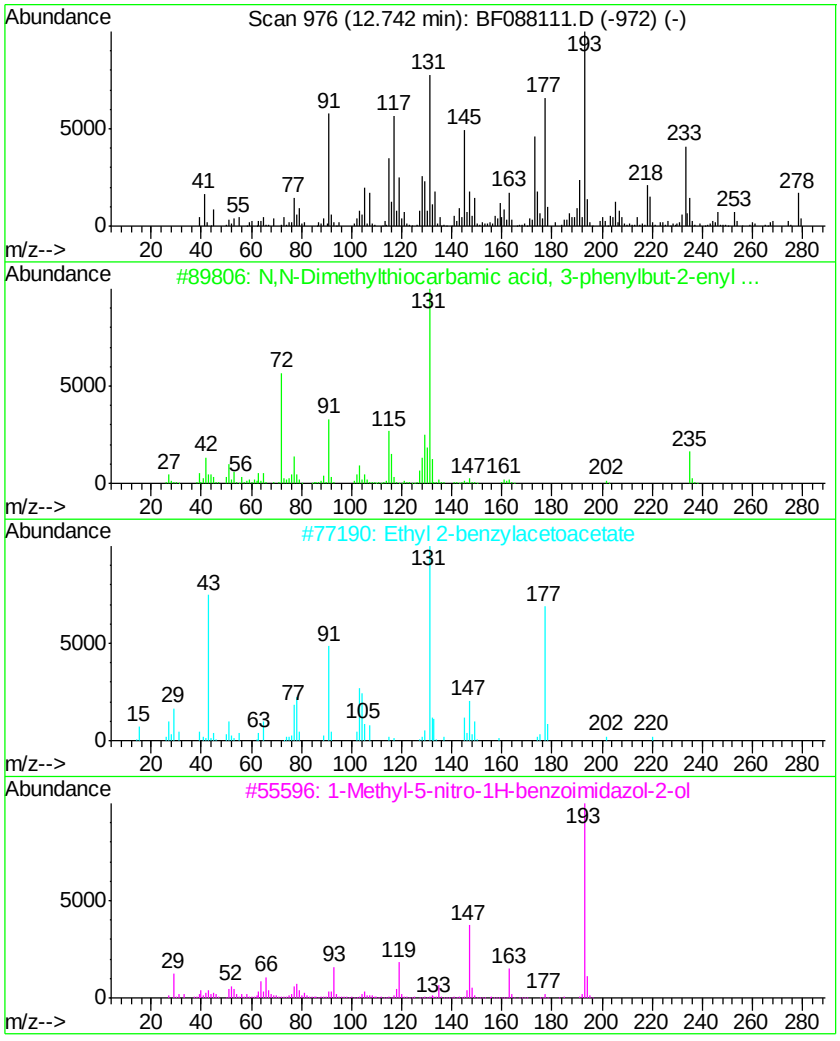
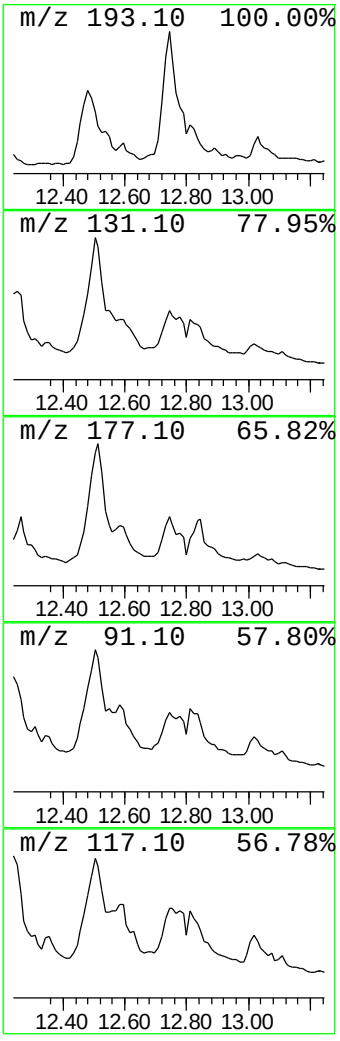
Peak Number 19 unknown12.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	20.65 ng	647368	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylthiocarbamic acid, 3...	235	C13H17NOS	1000197-43-1	45
2	Ethyl 2-benzylacetoacetate	220	C13H16O3	000620-79-1	35
3	1-Methyl-5-nitro-1H-benzoimidazo...	193	C8H7N3O3	066108-85-8	15
4	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	15
5	.alpha.-Ethyltryptamine	188	C12H16N2	002235-90-7	11





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ClientSampleId : MW-23

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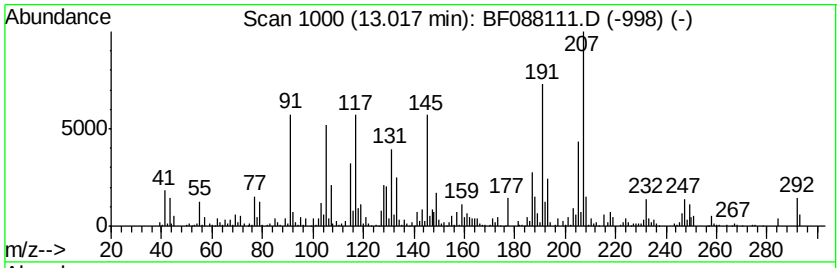
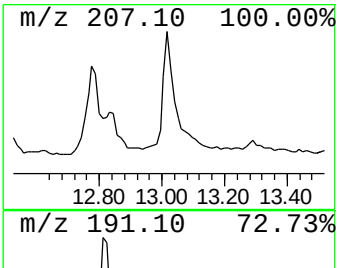
Peak Number 20 unknown13.02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	10.41 ng	326539	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-thiophene-2-carboxamide	205	C5H4BrNOS	076371-66-9	30
2	2-p-Nitrophenyl-oxadiazol-1,3,4-...	207	C8H5N3O4	1000147-64-6	25
3	1,2-Dimethyl-4-azaphenanthrene-3...	251	C16H13NO2	1000298-84-6	16
4	Acetic acid, [4-(1,1-dimethyleth...	222	C13H18O3	088530-52-3	14
5	Acetamide, N-(4-bromo-2-chloroph...	247	C8H7BrClNO	003460-23-9	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061716\
Data File : BF088111.D
Acq On : 18 Jun 2016 00:41
Operator : UM/SJ
Sample : H3542-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
unknown6.47	6.47	70.2	ng	2256550	1	6.70	642834	20.0
Benzene, tert-butyl-	8.97	8.8	ng	408379	3	9.74	922441	20.0
Benzoyl chloride,...	9.91	20.6	ng	950934	3	9.74	922441	20.0
Pyrido[4,3-d]pyri...	10.02	8.6	ng	395862	3	9.74	922441	20.0
o-Diacetylbenzene	10.32	7.6	ng	350182	3	9.74	922441	20.0
4-Aminophthalhydr...	10.78	10.4	ng	1228600	4	11.21	2357120	20.0
unknown11.03	11.03	7.7	ng	910608	4	11.21	2357120	20.0
3,4-Dimethyl-2-(3...	11.33	10.3	ng	1216250	4	11.21	2357120	20.0
unknown11.67	11.67	11.4	ng	1340730	4	11.21	2357120	20.0
Benzoic acid, 4-[...	11.86	8.0	ng	936678	4	11.21	2357120	20.0
unknown12.19	12.19	9.0	ng	1061940	4	11.21	2357120	20.0
12-Azabicyclo[9.2...	12.24	10.1	ng	1192520	4	11.21	2357120	20.0
2,3,5,6-Tetrameth...	12.50	18.5	ng	2181800	4	11.21	2357120	20.0
Octadecanoic acid	12.56	20.3	ng	635927	5	13.84	627096	20.0
Hexadecanoic acid...	12.63	11.1	ng	346429	5	13.84	627096	20.0
unknown12.74	12.74	20.6	ng	647368	5	13.84	627096	20.0
unknown13.02	13.02	10.4	ng	326539	5	13.84	627096	20.0