LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF051716.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	1.678	7	8	9	rBV	112465	120827	2.51%	0.131%
2	1.713	9	11	25	rVB	950834	1496842	31.15%	1.629%
3	3.953	204	207	217	rBV	19231	50210	1.04%	0.055%
4	4.673	268	270	282	rBV	519923	824255	17.15%	0.897%
5	5.142	309	311	319	rBV	1226341	2016893	41.97%	2.195%
6	5.439	332	337	340	rVB2	25499	58236	1.21%	0.063%
7	5.553	342	347	353	rVV	182561	249259	5.19%	0.271%
8	5.667	355	357	359	rBV	24042	48921	1.02%	0.053%
9	5.702	359	360	363	rVB	73536	57634	1.20%	0.063%
10	6.010	385	387	389	rBV	77427	93315	1.94%	0.102%
11	6.067	389	392	394	rVV2	38971	56971	1.19%	0.062%
12	6.159	399	400	402	rBV2	43358	63894	1.33%	0.070%
13	6.239	405	407	413	rVV	838787	1288577	26.82%	1.402%
14	6.342	413	416	418	rVV	3374084	3684076	76.67%	4.009%
15	6.422	418	423	428	rVB6	80629	325476	6.77%	0.354%
16	6.513	428	431	434	rBV3	106919	259206	5.39%	0.282%
17	6.559	434	435	439	rVB	612742	903801	18.81%	0.983%
18	6.719	447	449	452	rBV	3148922	3215641	66.92%	3.499%
19	6.822	456	458	460	rBV	158485	134000	2.79%	0.146%
20	6.913	463	466	468	rBV2	324335	385254	8.02%	0.419%
21	6.970	468	471	473	rVB2	75572	122334	2.55%	0.133%
22	7.005	473	474	480	rBV4	56364	163622	3.41%	0.178%
23	7.107	480	483	484	rBV3	273911	467299	9.72%	0.508%
24	7.142	484	486	489	rBV	2337279	2996812	62.37%	3.261%
25	7.187	489	490	492	rVV2	115287	130515	2.72%	0.142%
26	7.222	492	493	495	rVB	158646	137112	2.85%	0.149%
27	7.256	495	496	497	rBV	162327	136580	2.84%	0.149%
28	7.290	497	499	501	rVB3	39876	69185	1.44%	0.075%
29	7.347	501	504	505	rBV	496693	474370	9.87%	0.516%
30	7.370	505	506	510	rVB4	162588	242465	5.05%	0.264%
31	7.439	510	512	514	rBV2	192292	246387	5.13%	0.268%
32	7.530	517	520	523	rVB4	207832	539191	11.22%	0.587%
33	7.599	523	526	528	rBV	416680	649891	13.52%	0.707%
34	7.633	528	529	530	rVB	99205	68005	1.42%	0.074%

LSC Area Percent Report

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Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.679	530	533	538	rBV7	101699	266455	5.55%	0.290%
36	7.770	540	541	542	rBV	97686	116041	2.41%	0.126%
37	7.850	542	548	552	rBV2	1148791	2229746	46.40%	2.426%
38	7.988	558	560	561	rBV2	79259	120259	2.50%	0.131%
39	8.010	561	562	564	rVV2	221531	258811	5.39%	0.282%
40	8.056	564	566	567	rVV2	190991	223643	4.65%	0.243%
41	8.102	567	570	571	rVV	629973	660575	13.75%	0.719%
42	8.125	571	572	578	rVB4	357590	725171	15.09%	0.789%
43	8.250	578	583	585	rBV5	225790	742292	15.45%	0.808%
44	8.308	585	588	589	rBV3	228357	521847	10.86%	0.568%
45	8.388	594	595	599	rVB3	321634	368332	7.67%	0.401%
46	8.456	599	601	602	rBV	624525	556075	11.57%	0.605%
47	8.513	604	606	608	rVB2	238244	279368	5.81%	0.304%
48	8.559	608	610	612	rBV2	391195	591825	12.32%	0.644%
49	8.639	612	617	619	rBV4	538541	1029487	21.42%	1.120%
50	8.673	619	620	625	rVV3	431339	735533	15.31%	0.800%
51	8.753	625	627	628	rVV2	161563	287072	5.97%	0.312%
52	8.822	631	633	635	rVV3	158646	243460	5.07%	0.265%
53	8.890	635	639	640	rVV2	673545	1406033	29.26%	1.530%
54	8.936	640	643	645	rVV	4393494	4459739	92.81%	4.853%
55	8.993	647	648	649	rVB	352982	241969	5.04%	0.263%
56	9.050	651	653	656	rBV2	413366	753973	15.69%	0.820%
57	9.119	656	659	662	rBV4	200312	425660	8.86%	0.463%
58	9.268	669	672	674	rBV2	408884	849590	17.68%	0.924%
59	9.371	677	681	684	rVV6	271882	1012157	21.06%	1.101%
60	9.416	684	685	686	rVV	379112	293263	6.10%	0.319%
61	9.462	687	689	693	rVB3	254747	496268	10.33%	0.540%
62	9.599	698	701	703	rBV2	1394681	2129704	44.32%	2.317%
63	9.645	703	705	707	rVB	350035	429457	8.94%	0.467%
64	9.691	707	709	711	rBV2	379414	485767	10.11%	0.529%
65	9.919	728	729	731	rBV2	284482	456862	9.51%	0.497%
66	9.988	733	735	737	rVV	1111887	1885910	39.25%	2.052%
67	10.033	737	739	742	rVV3	521470	991864	20.64%	1.079%
68	10.091	742	744	748	rVB4	379288	641415	13.35%	0.698%
69	10.171	749	751	754	rVB2	374944	495666	10.32%	0.539%
70	10.228	754	756	757	rBV	341450	449840	9.36%	0.489%
71	10.285	759	761	765	rVB3	456541	799927	16.65%	0.870%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.399	765	771	772	rBV2	2806270	4542941	94.54%	4.943%
73	10.434	772	774	777	rVV2	1403427	2843964	59.18%	3.094%
74	10.479	777	778	781	rVV3	335043	578532	12.04%	0.629%
75	10.536	781	783	786	rVV	956779	1510388	31.43%	1.643%
76	10.594	786	788	789	rVV	2479965	2744265	57.11%	2.986%
77	10.628	789	791	793	rVV2	3095640	4805242	100.00%	5.228%
78	10.662	793	794	797	rVV2	2780113	4128746	85.92%	4.492%
79	10.731	797	800	802	rVV2	1254429	2757526	57.39%	3.000%
80	10.776	802	804	805	rVV2	2169979	3147887	65.51%	3.425%
81	10.811	805	807	809	rVV	2670878	3415971	71.09%	3.717%
82	10.845	809	810	812	rVB	1281522	1682034	35.00%	1.830%
83	10.971	818	821	823	rBV2	564236	1019379	21.21%	1.109%
84	11.085	829	831	833	rBV	1018322	899666	18.72%	0.979%
85	11.314	849	851	853	rBV	223038	234520	4.88%	0.255%
86	11.519	867	869	871	rBV	409873	491904	10.24%	0.535%
87	11.611	876	877	878	rVV	168704	164668	3.43%	0.179%
88	11.645	878	880	883	rVB2	508792	722611	15.04%	0.786%
89	11.817	894	895	898	rBV2	152947	293726	6.11%	0.320%
90	11.862	898	899	901	rVB	260819	236813	4.93%	0.258%
91	12.125	920	922	924	rBV2	61586	57248	1.19%	0.062%
92	12.422	945	948	950	rBV2	400148	462550	9.63%	0.503%
93	12.502	953	955	958	rVB2	155790	209996	4.37%	0.228%
94	12.662	967	969	972	rVB	2577965	2616760	54.46%	2.847%
95	13.085	1004	1006	1008	rVB	67488	67532	1.41%	0.073%
96	13.199	1014	1016	1018	rVB	118262	110344	2.30%	0.120%
97	13.245	1018	1020	1021	rBV	57156	53374	1.11%	0.058%
98	13.577	1047	1049	1054	rVB	73817	107733	2.24%	0.117%
99	13.702	1058	1060	1063	rBV	589132	721434	15.01%	0.785%
100	15.063	1176	1179	1193	rVB	613025	839855	17.48%	0.914%

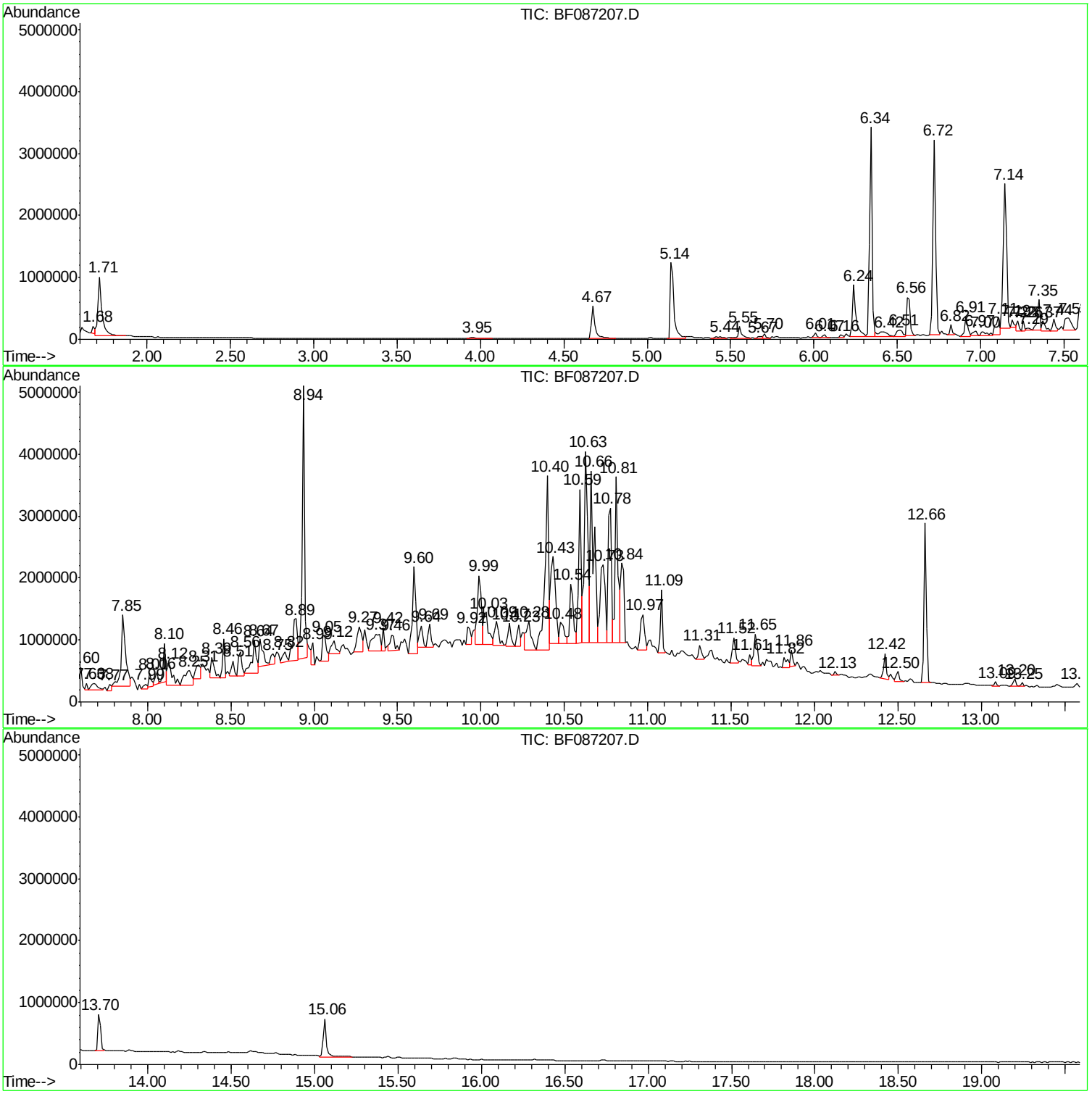
Sum of corrected areas: 91905721

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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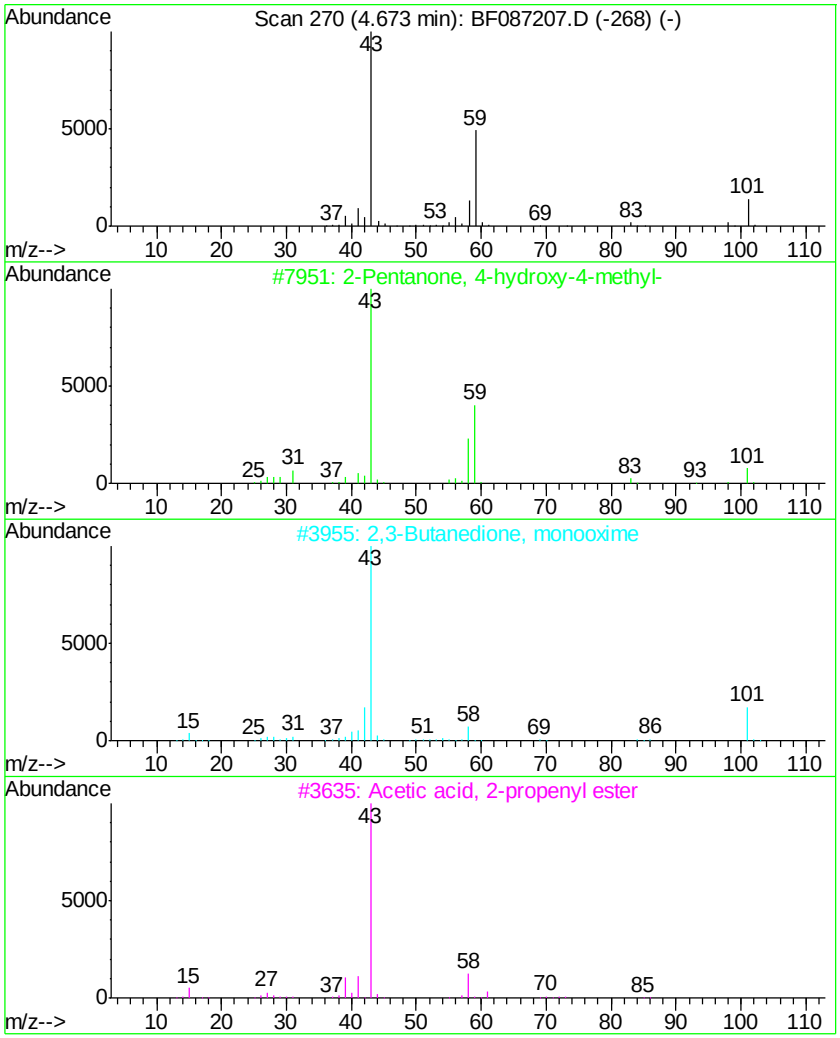
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

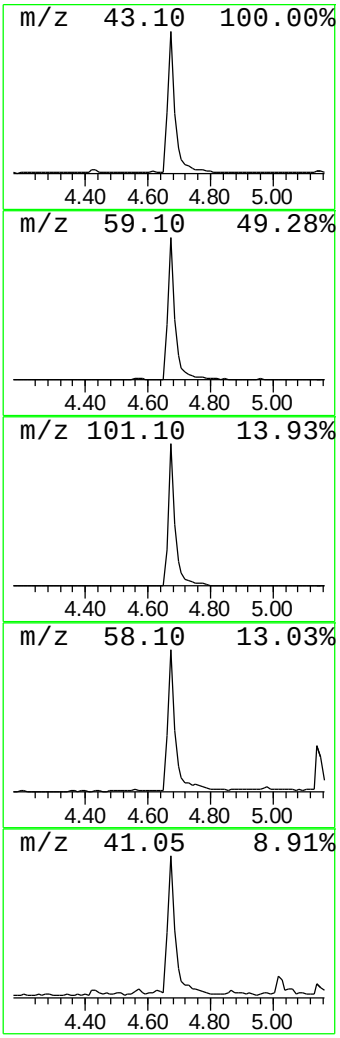
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	18.24 ng	824255	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

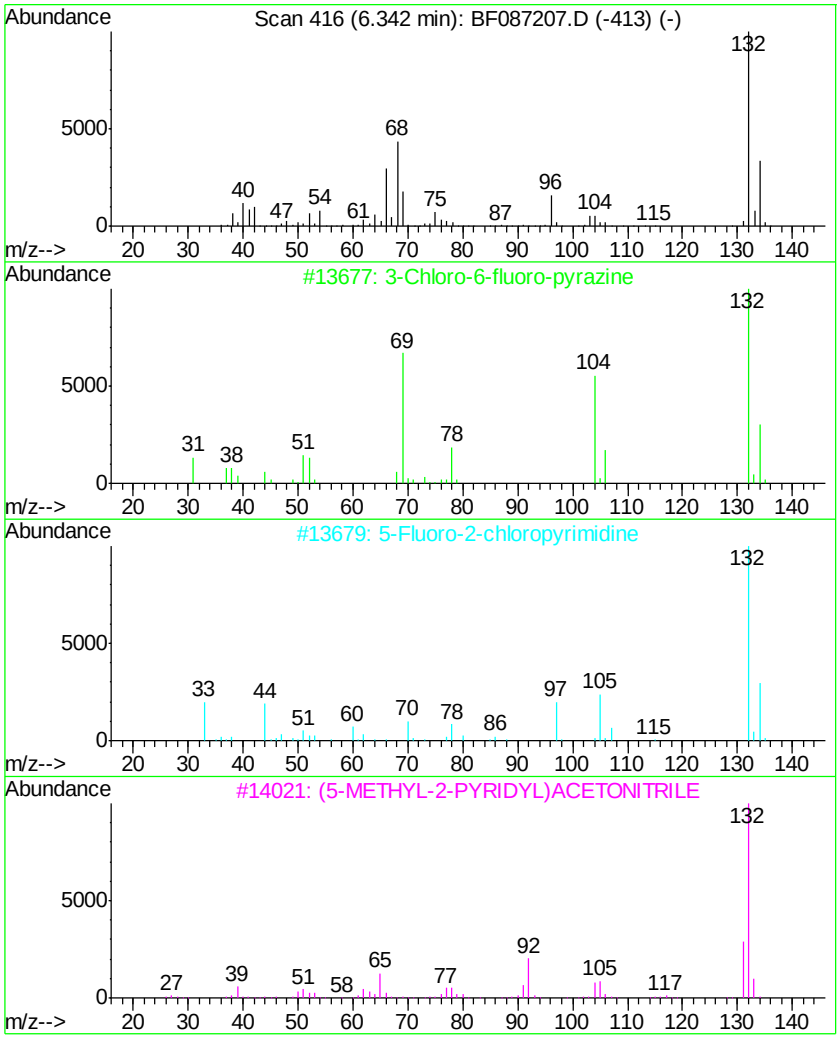
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

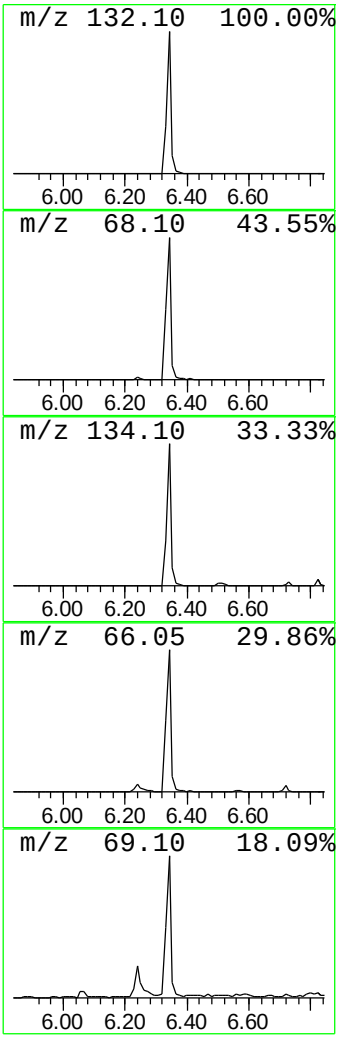
****

Peak Number 3 unknown6.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	81.52 ng	3684080	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Sample : H3121-06
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

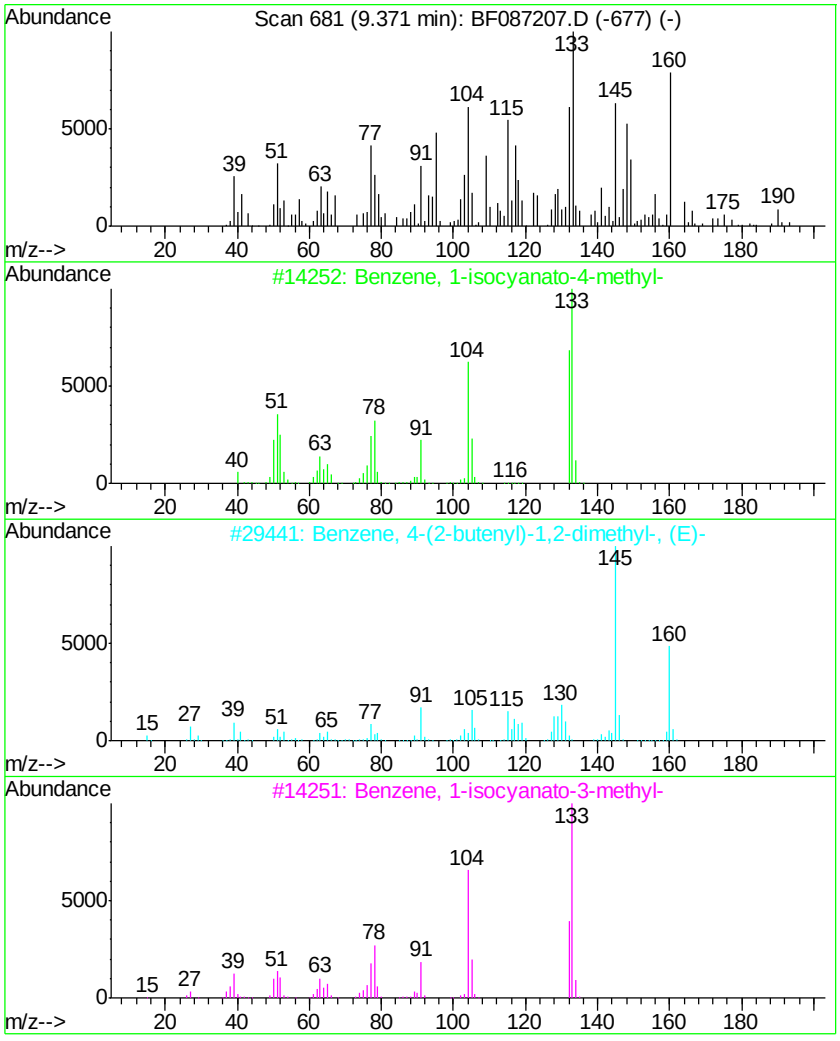
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

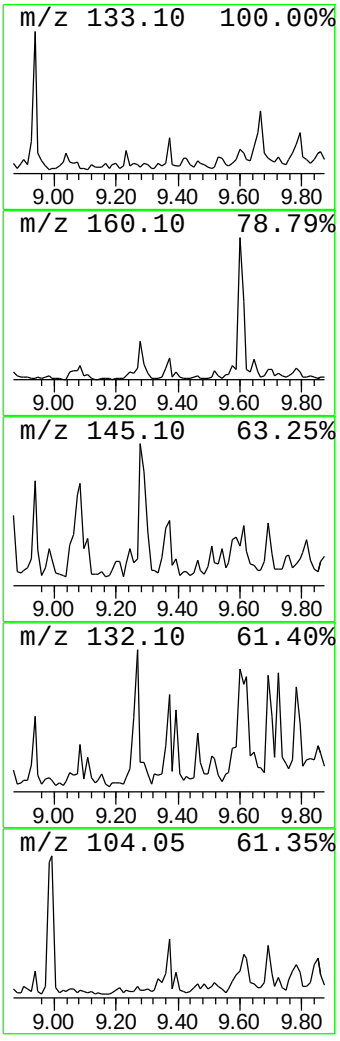
****

Peak Number 5 unknown9.37 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	9.51 ng	1012160	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	38
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	38
3	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	35
4	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	35
5	Phthalimidine	133	C8H7NO	000480-91-1	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
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Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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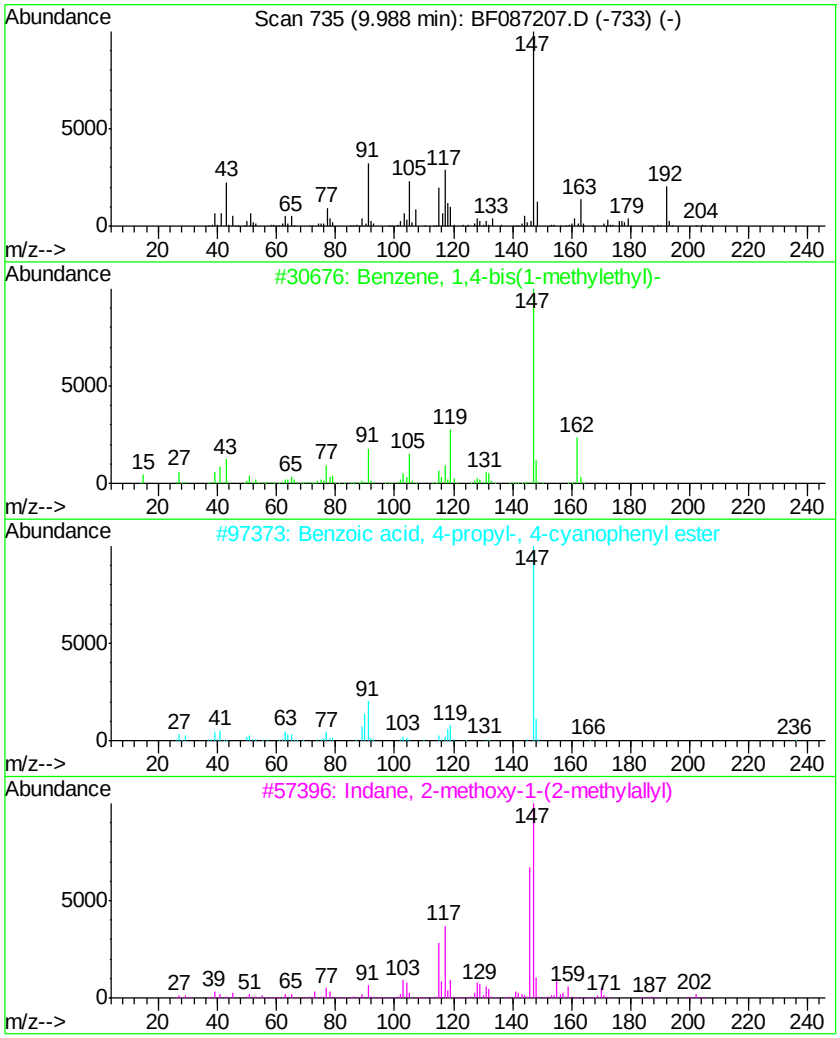
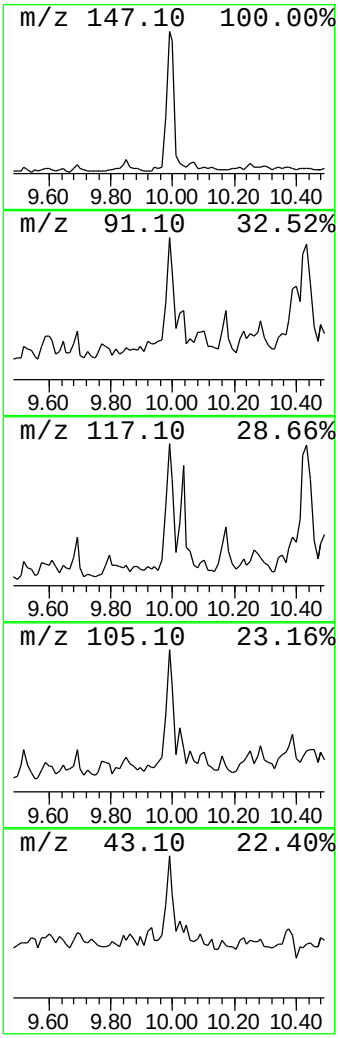
Peak Number 6 unknown9.99 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	17.71 ng	1885910	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
3	Indane, 2-methoxy-1-(2-methylallyl)	202	C14H18O	1000196-88-9	42
4	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	38
5	2,2-Dimethyl-1-(2,4,6-trimethylp...	204	C14H20O	002700-84-7	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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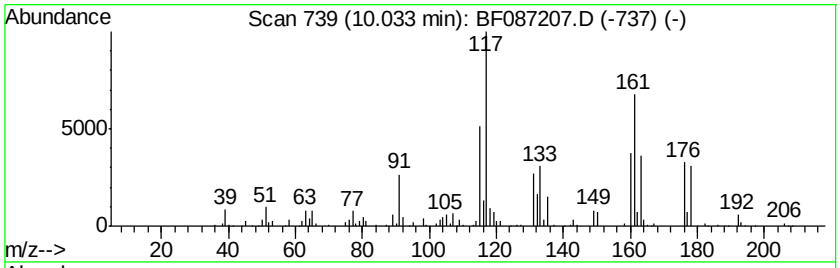
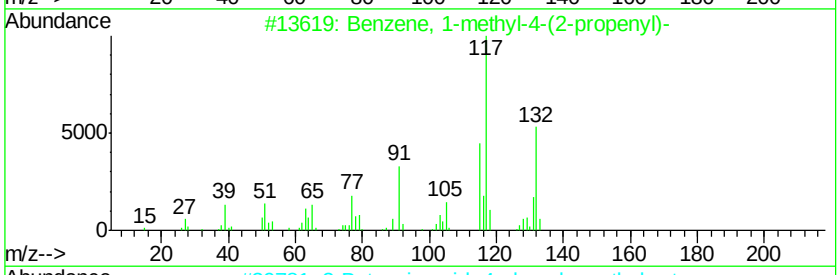
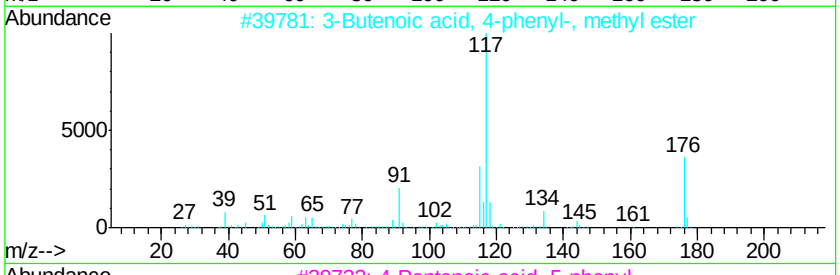
Peak Number 7 unknown10.03 Concentration Rank 20

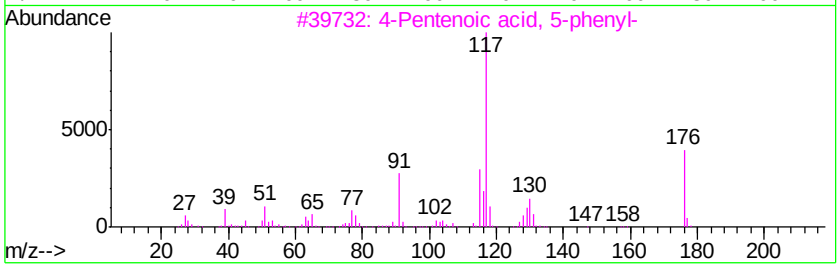
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	9.31 ng	991864	Acenaphthene-d10	9.60

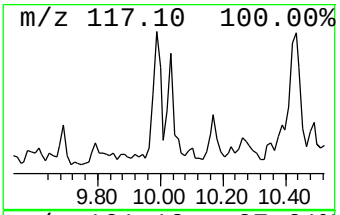
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
2	3-Butenoic acid, 4-phenyl-, meth...	176	C11H12O2	024891-74-5	30
3	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	30
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	25
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	25

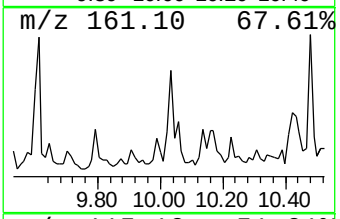


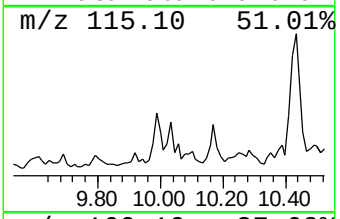


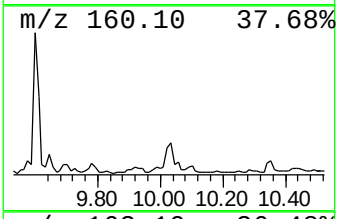


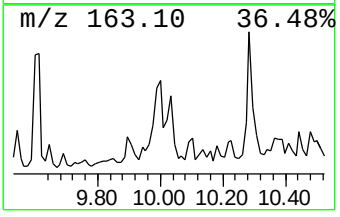












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Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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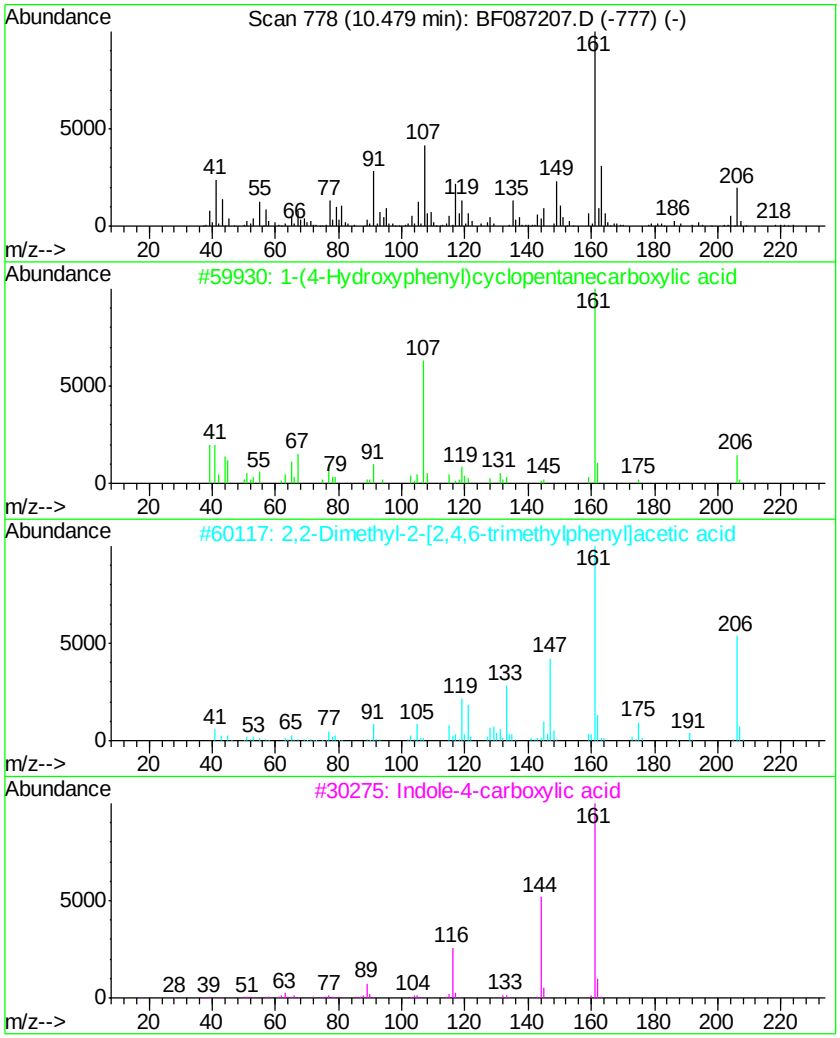
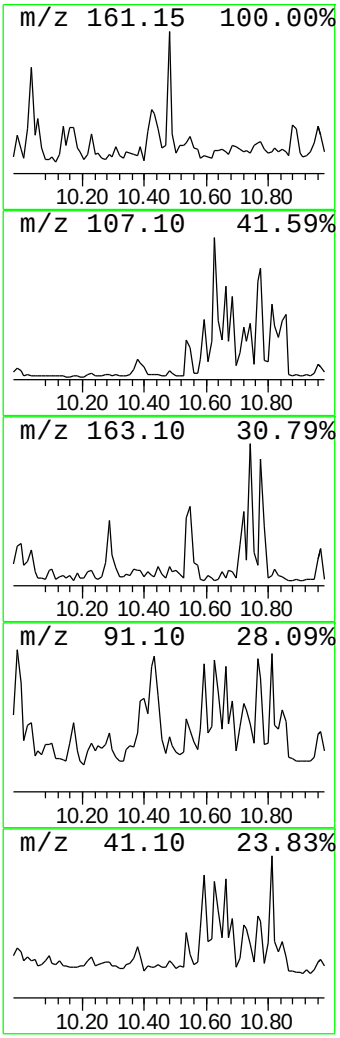
Peak Number 8 unknown10.48 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	12.86 ng	578532	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Hydroxyphenyl)cyclopentanec...	206	C12H14O3	091496-64-9	47
2	2,2-Dimethyl-2-[2,4,6-trimethylp...	206	C13H18O2	1000128-93-8	32
3	Indole-4-carboxylic acid	161	C9H7NO2	002124-55-2	27
4	N-(2-Hydroxypropyl)phthalimide	205	C11H11NO3	003700-55-8	27
5	Adamantane, 2-hydroperoxy-2-ethe...	194	C12H18O2	1000142-83-9	25





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Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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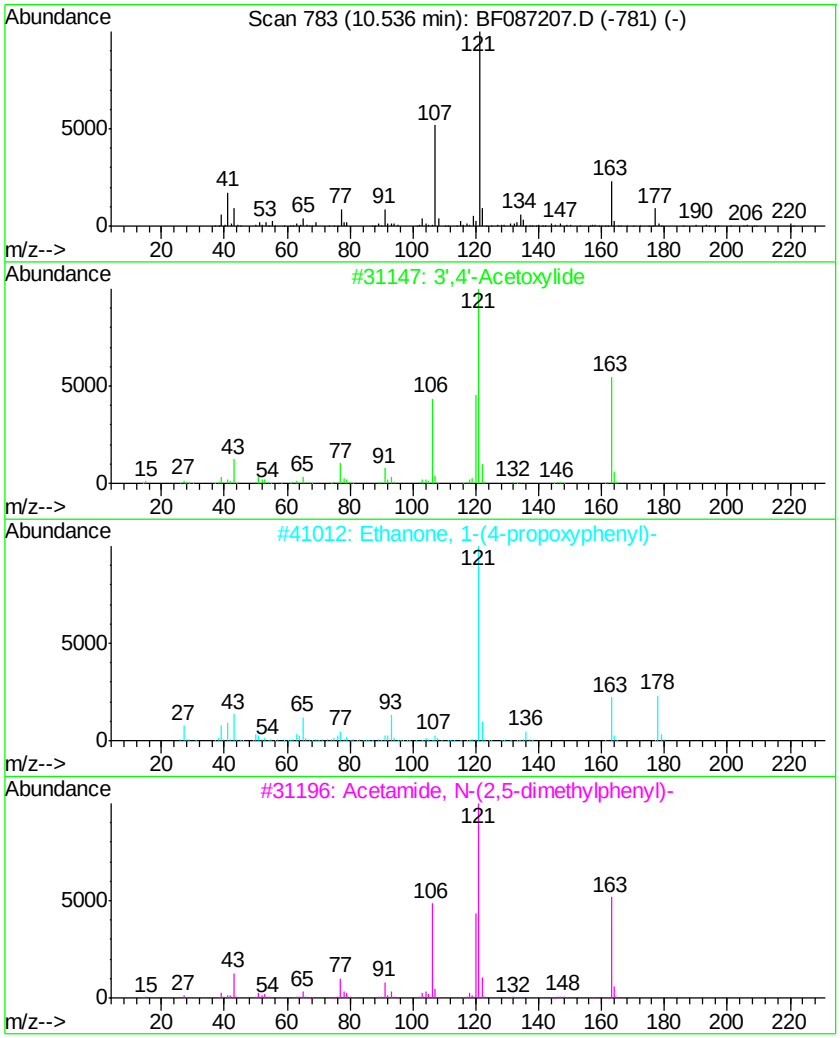
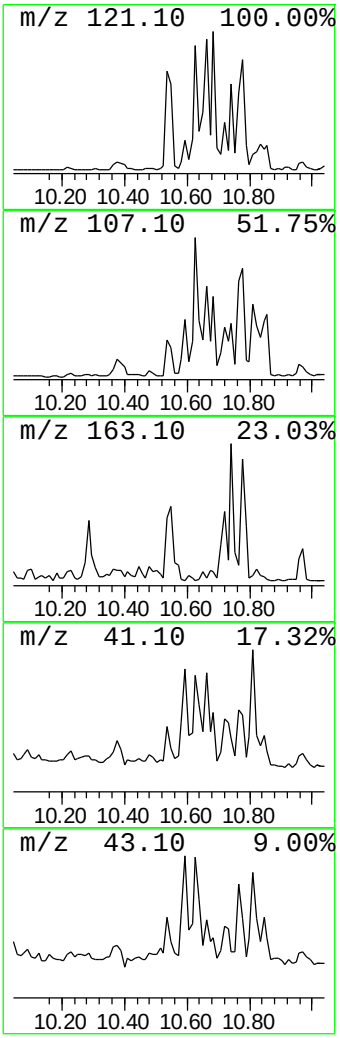
Peak Number 9 unknown10.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	33.58 ng	1510390	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
2	Ethanone, 1-(4-propoxyphenyl)-	178	C11H14O2	005736-86-7	47
3	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	47
4	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
5	Benzene, (1-methoxypropyl)-	150	C10H14O	059588-12-4	43





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Sample : H3121-06
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Instrument : BNA_F
ClientSampleId : MW-06

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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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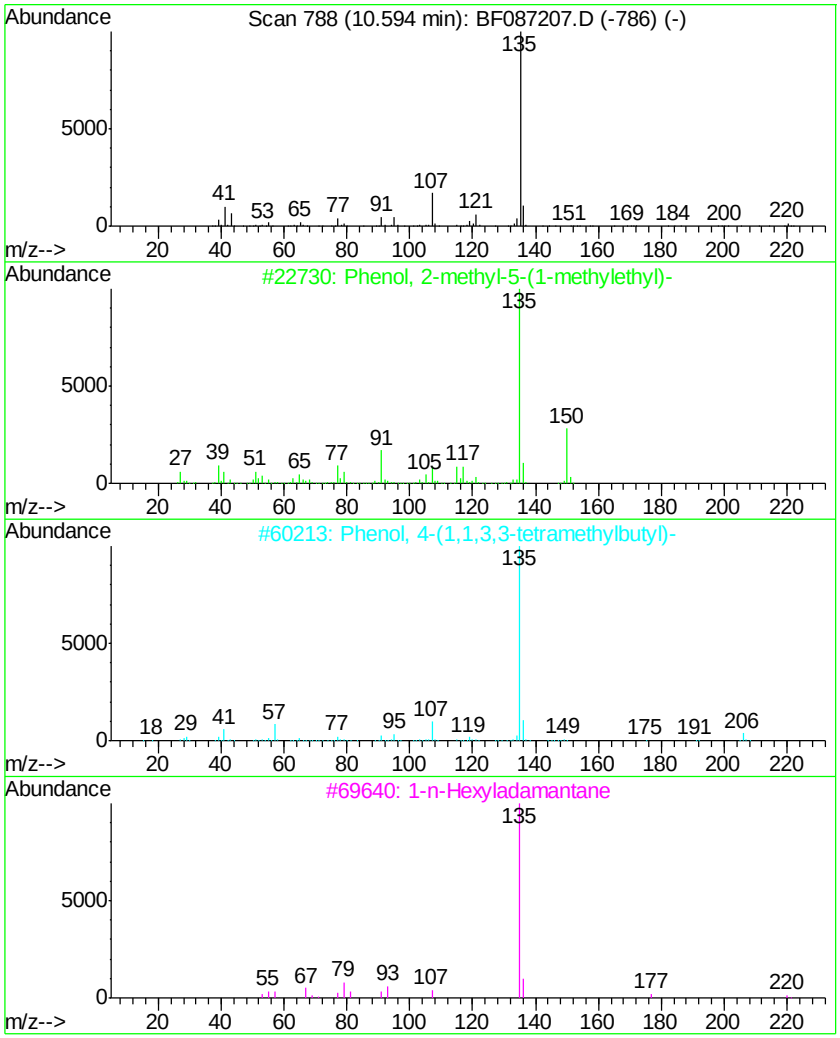
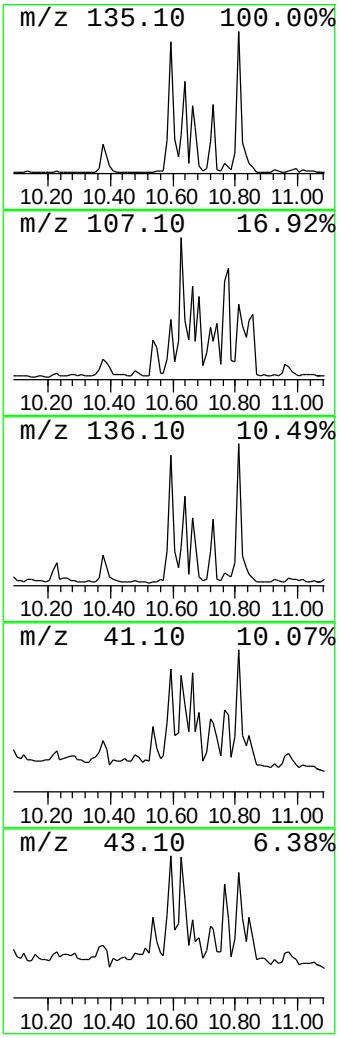
Peak Number 10 Phenol, 2-methyl-5-(1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	61.01 ng	2744270	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	50





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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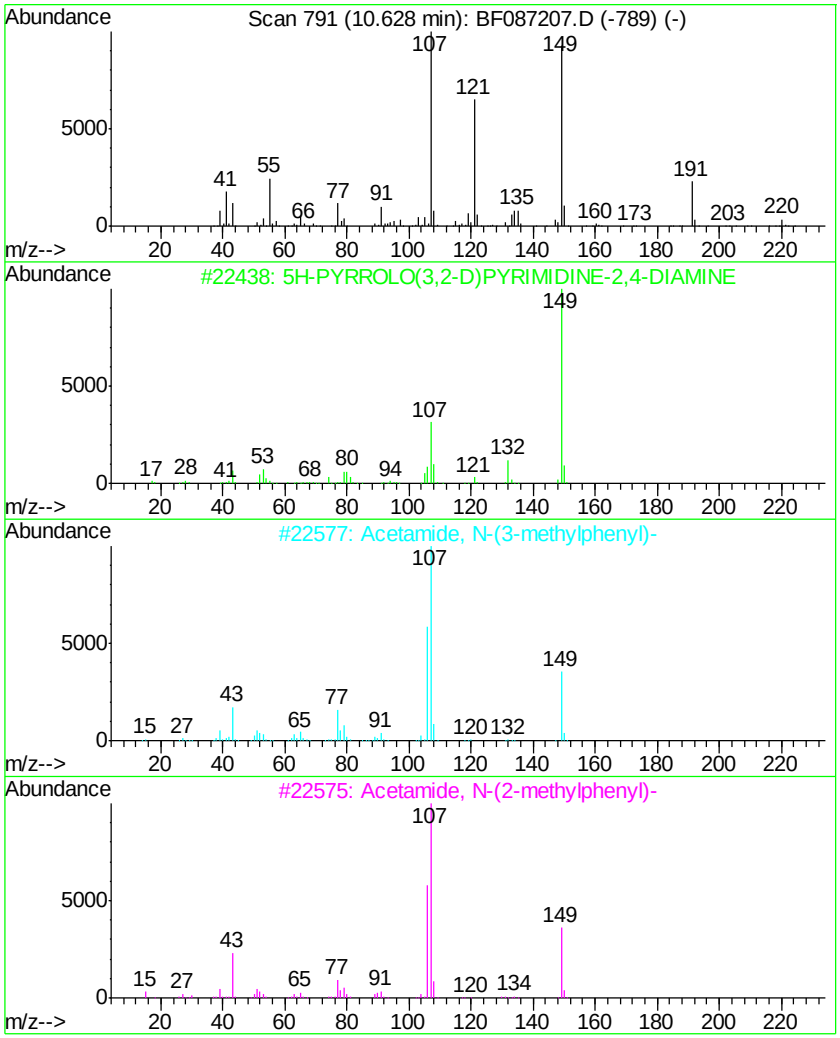
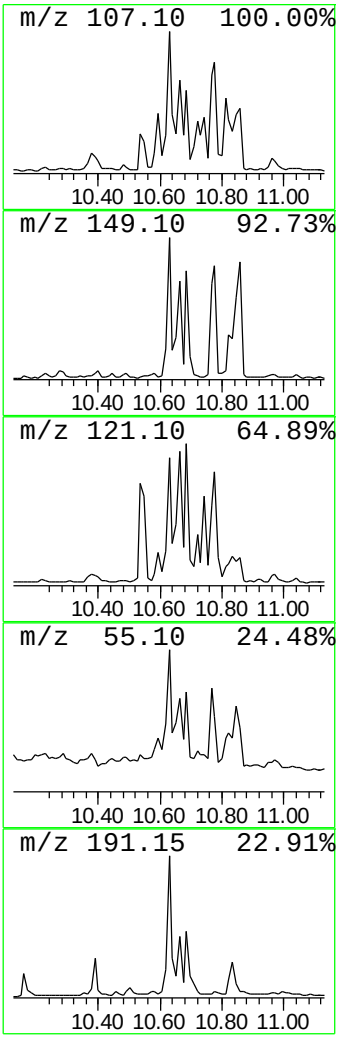
Peak Number 11 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	106.82 ng	4805240	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	35





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Misc :
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ClientSampleId : MW-06

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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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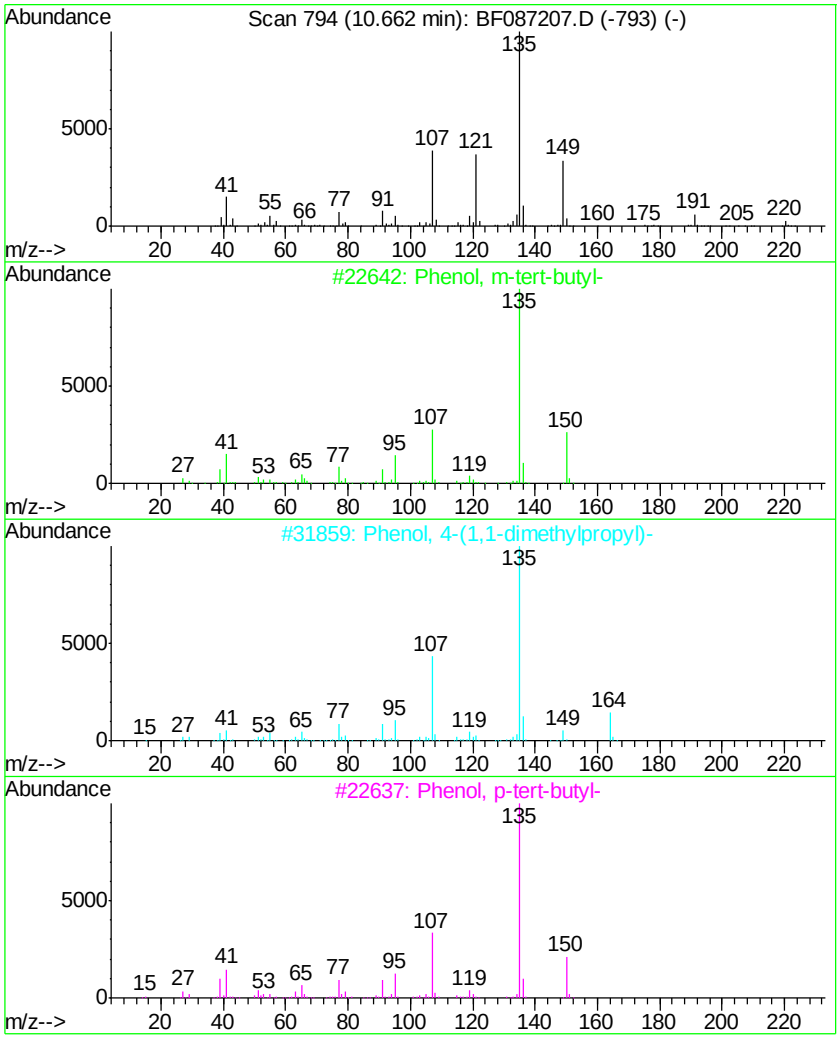
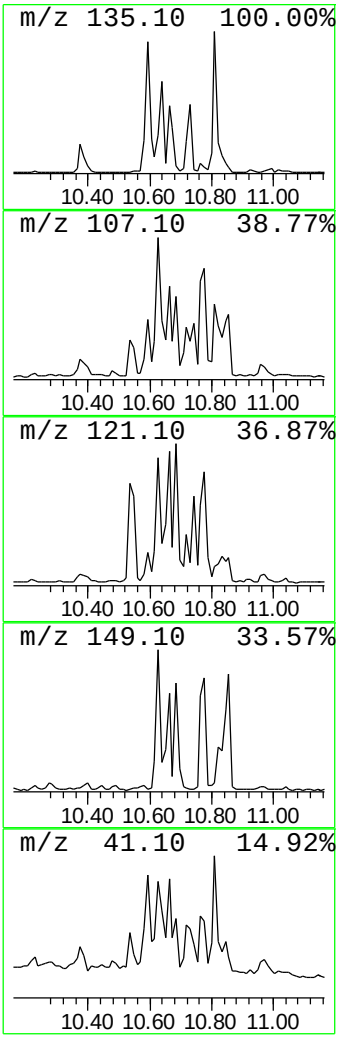
Peak Number 12 Phenol, m-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	91.78 ng	4128750	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	59
4	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	59
5	Hexestrol	270	C18H22O2	005635-50-7	53





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Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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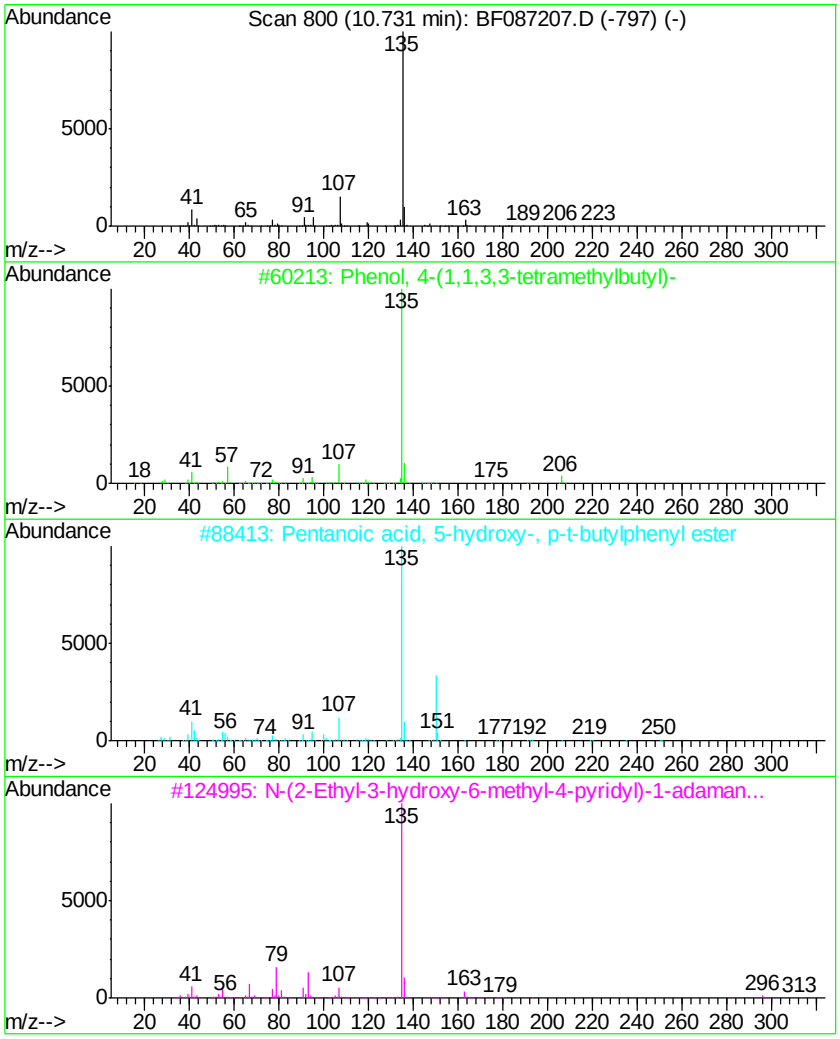
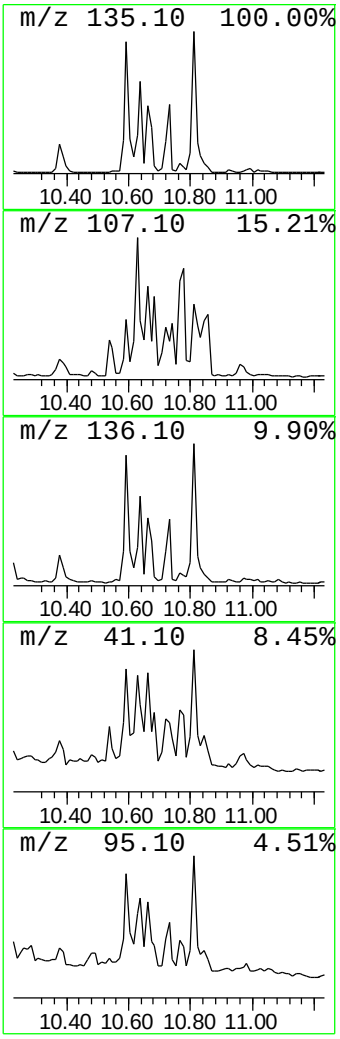
Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	61.30 ng	2757530	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3	N-(2-Ethyl-3-hydroxy-6-methyl-4-...	314	C19H26N2O2	1000260-99-4	64
4	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	50
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	43





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Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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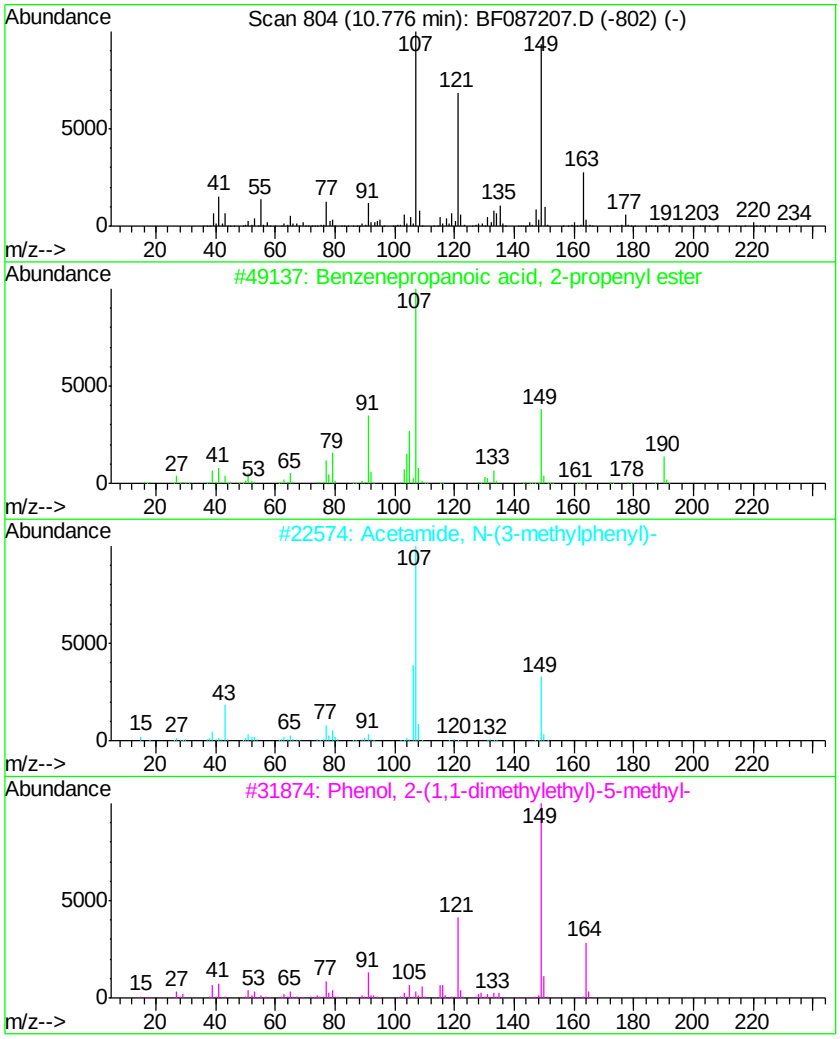
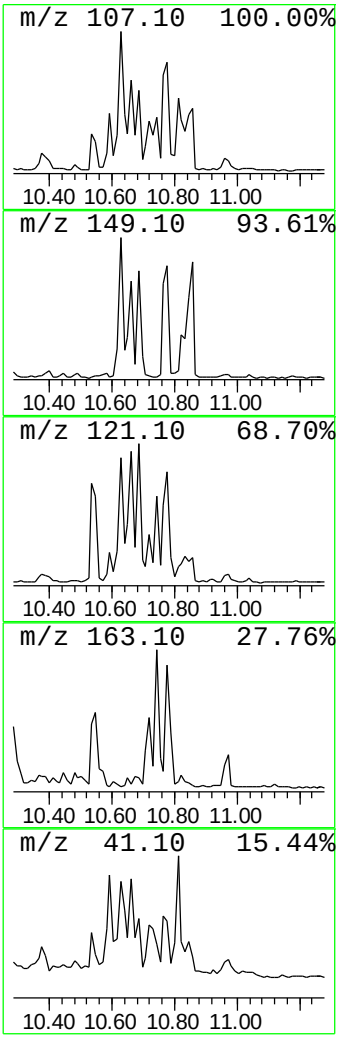
Peak Number 14 Benzenepropanoic acid, 2-pr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	69.98 ng	3147890	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 2-propeny...	190	C12H14O2	015814-45-6	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
3	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	38
4	2-Methyl-2-(4'-methoxyphenyl)pen...	206	C13H18O2	185700-49-6	35
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
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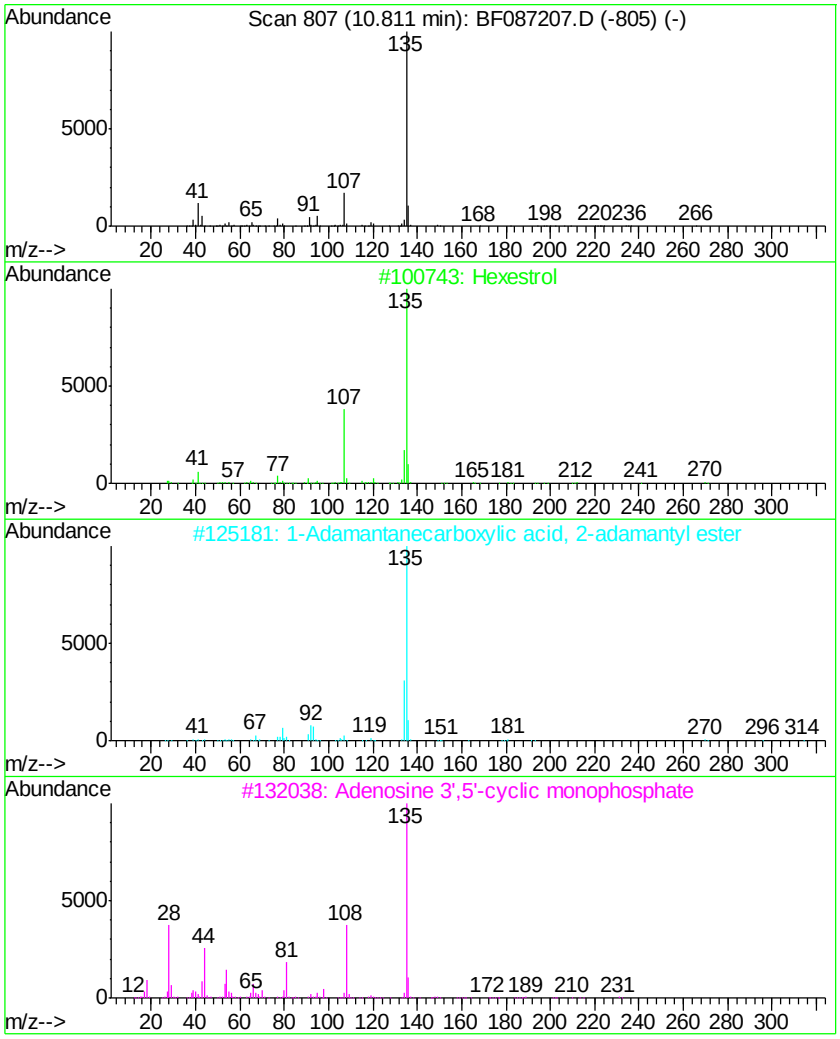
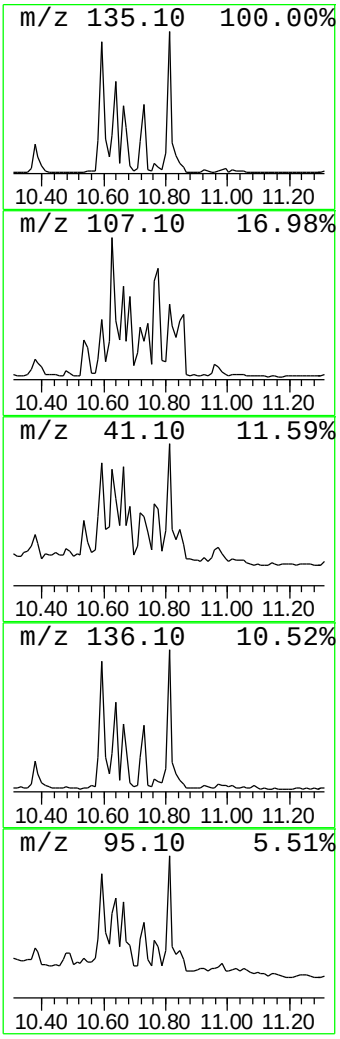
Peak Number 15 Hexestrol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	75.94 ng	3415970	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	005635-50-7	50
2	1-Adamantanecarboxylic acid, 2-a...	314	C21H30O2	1000282-94-3	50
3	Adenosine 3',5'-cyclic monophosp...	329	C10H12N5O6P	000060-92-4	39
4	5-Chlorovaleric acid, 1-adamanty...	284	C16H25ClO2	1000292-24-4	39
5	m-Methoxybenzoic acid, 2-bromo-4...	324	C14H10BrFO3	1000292-63-0	39





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Instrument : BNA_F
ClientSampleId : MW-06

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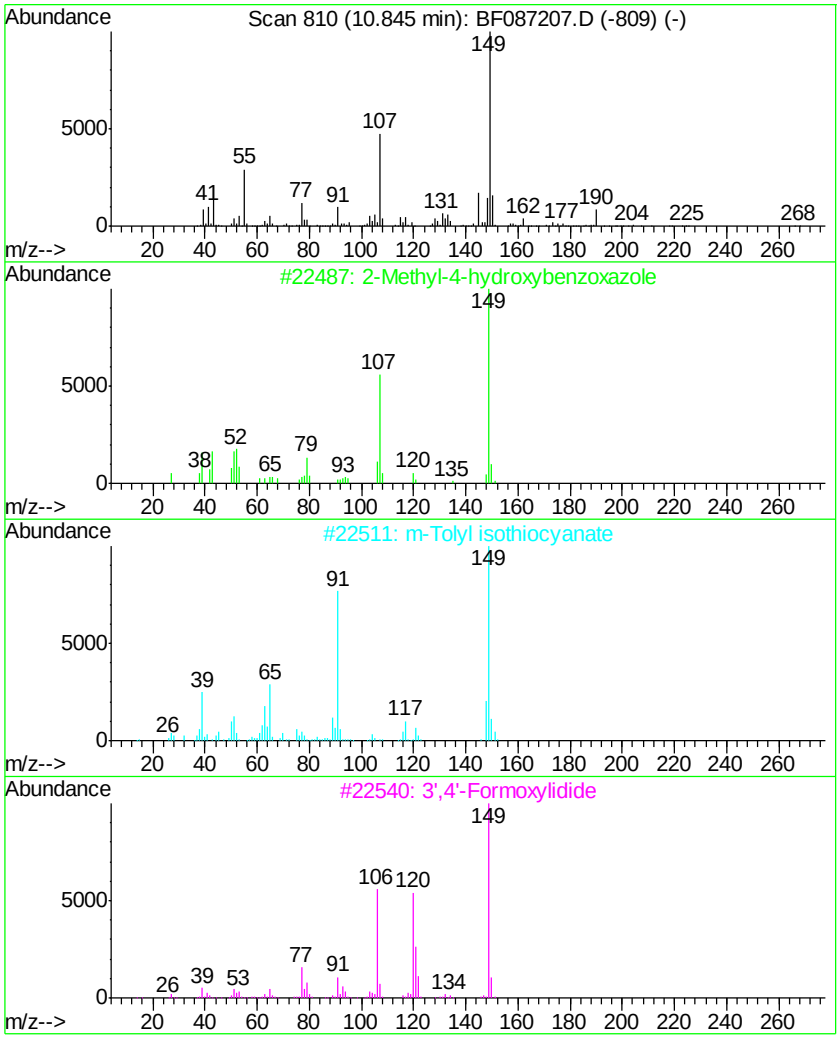
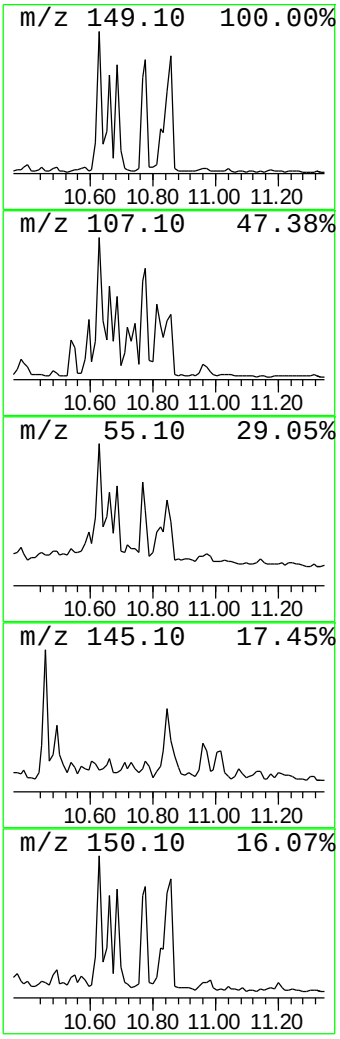
Peak Number 16 2-Methyl-4-hydroxybenzoxazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	37.39 ng	1682030	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	46
3	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	43
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	2-t-Butyl-6-[2-hydroxy-2-(2,4,6-...	318	C19H26O4	1000192-88-0	38





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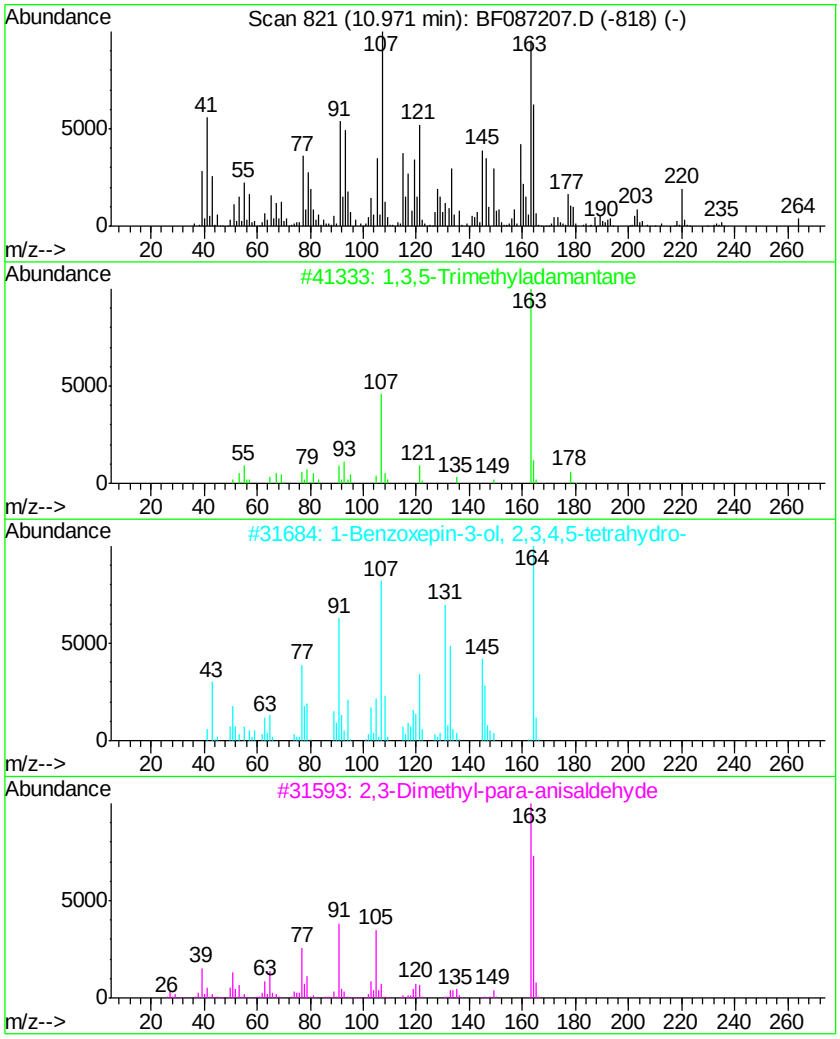
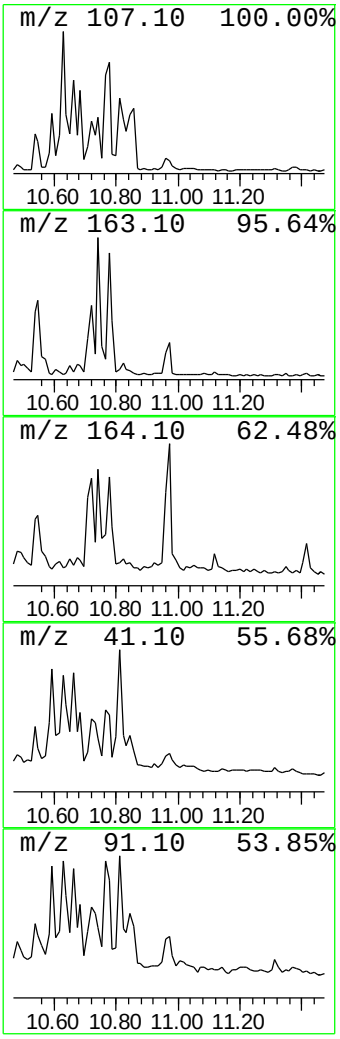
Peak Number 17 unknown10.97 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	22.66 ng	1019380	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	38
2	1-Benzoxepin-3-ol, 2,3,4,5-tetra...	164	C10H12O2	038824-30-5	25
3	2,3-Dimethyl-para-anisaldehyde	164	C10H12O2	038998-17-3	25
4	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	25
5	2-(3,3-Dimethyl-but-1-ynyl)-1,1,...	164	C12H20	1000275-79-2	25





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Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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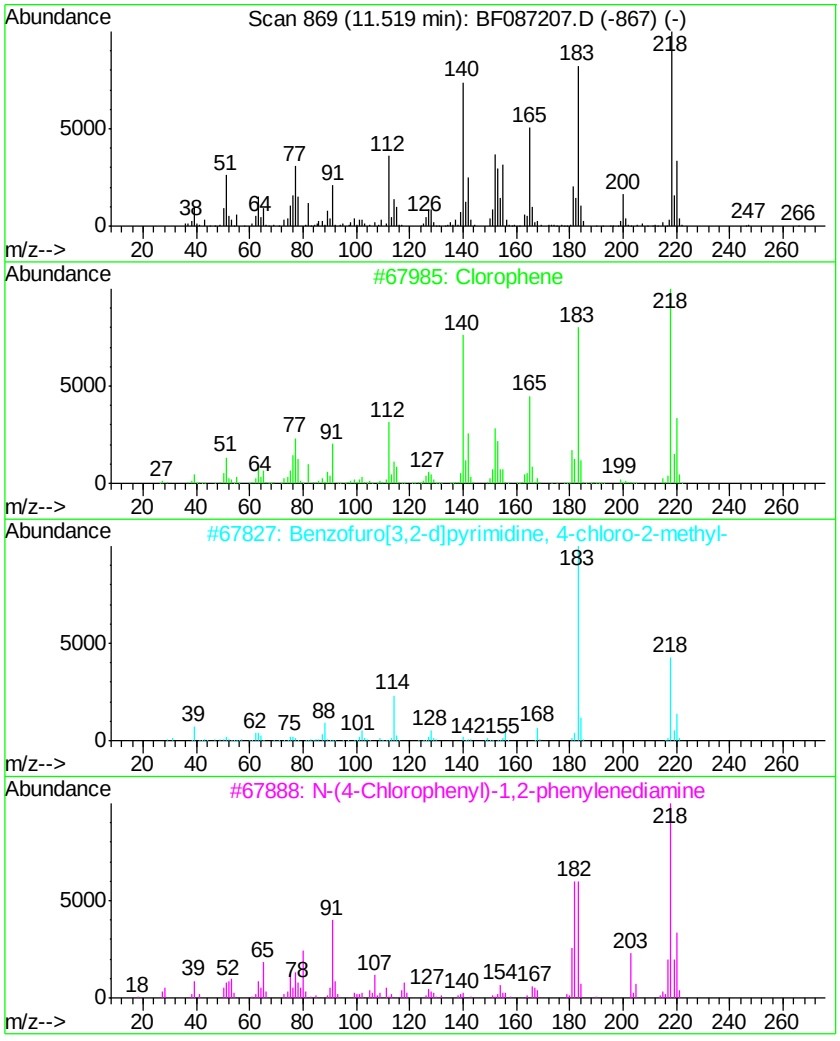
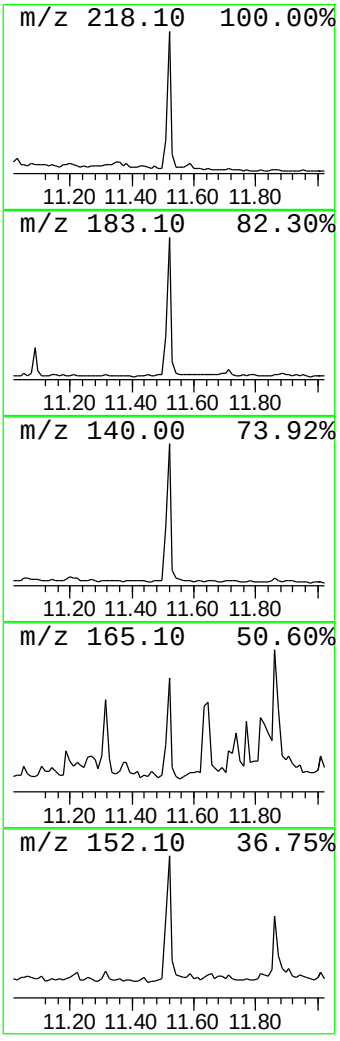
Peak Number 18 Clorophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	10.94 ng	491904	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Clorophene	218	C13H11ClO	000120-32-1	99
2	Benzofuro[3,2-d]pyrimidine, 4-ch...	218	C11H7ClN2O	039786-40-8	50
3	N-(4-Chlorophenyl)-1,2-phenylene...	218	C12H11ClN2	068817-71-0	38
4	6-Methoxy-2-naphthonitrile	183	C12H9NO	077029-01-7	38
5	1-Naphthalenecarbonitrile, 2-met...	183	C12H9NO	016000-39-8	35





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Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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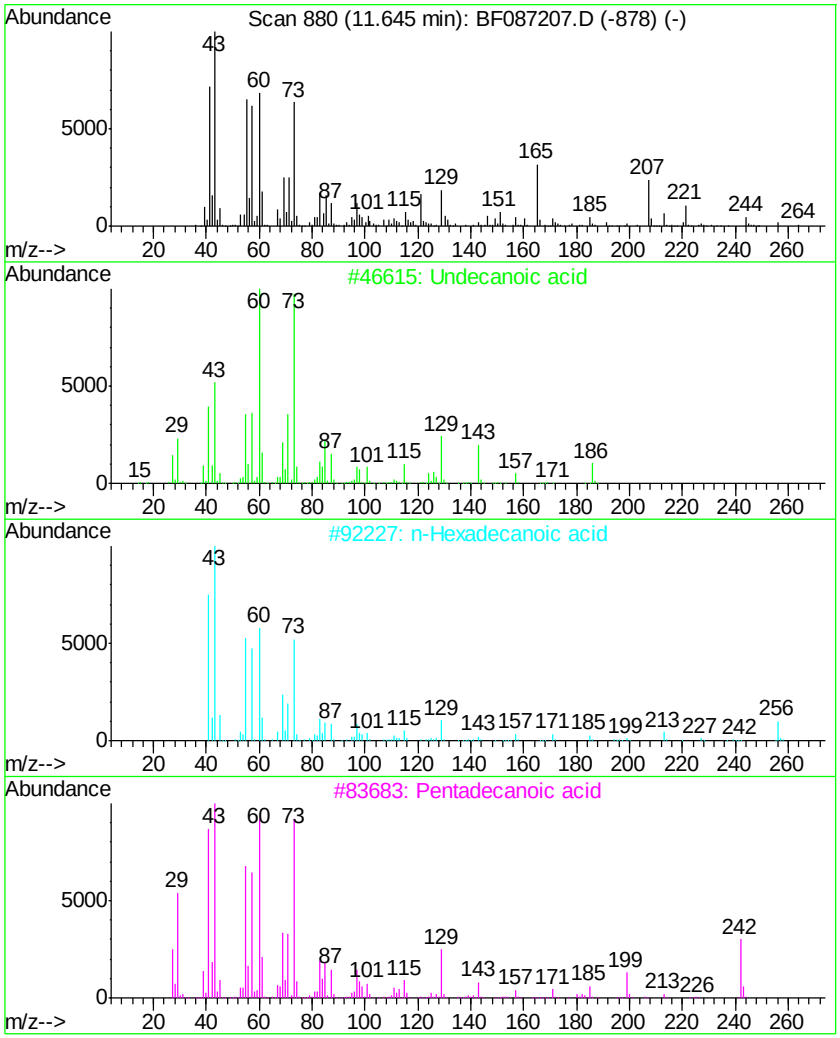
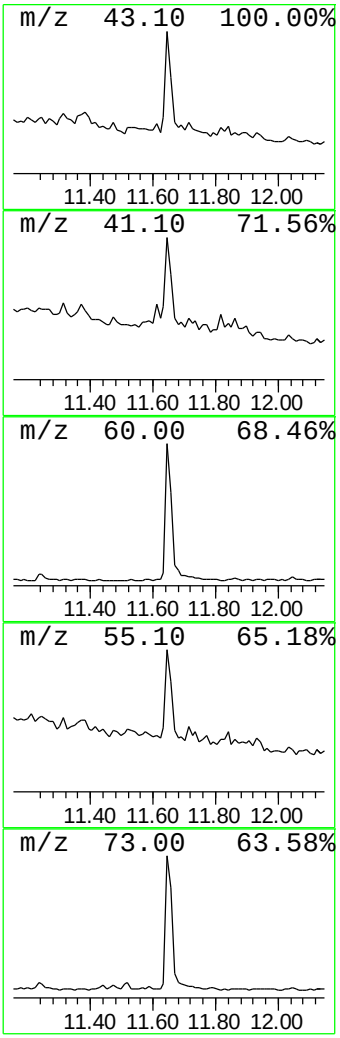
Peak Number 19 Undecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	16.06 ng	722611	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	50
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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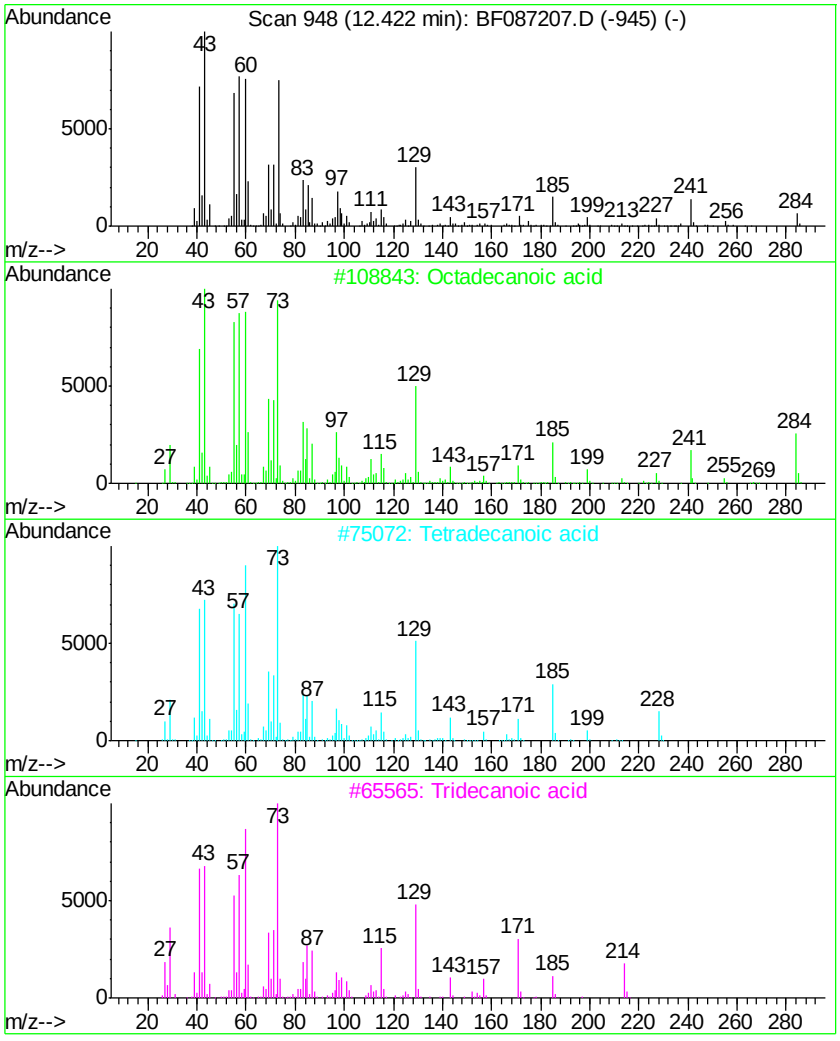
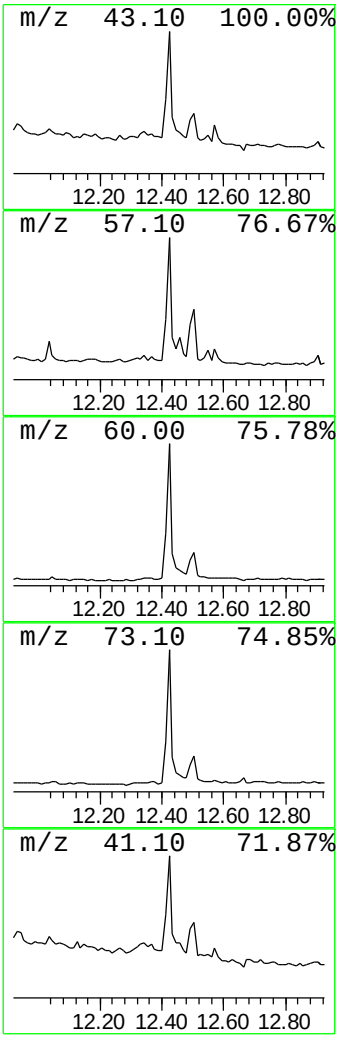
Peak Number 20 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	12.82 ng	462550	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087207.D
Acq On : 20 May 2016 2:46
Operator : UM/SJ
Sample : H3121-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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
2-Pentanone, 4-hy...	4.67	18.2	ng	824255	1	6.57	903801	20.0
unknown6.34	6.34	81.5	ng	3684080	1	6.57	903801	20.0
unknown9.37	9.37	9.5	ng	1012160	3	9.60	2129700	20.0
unknown9.99	9.99	17.7	ng	1885910	3	9.60	2129700	20.0
unknown10.03	10.03	9.3	ng	991864	3	9.60	2129700	20.0
unknown10.48	10.48	12.9	ng	578532	4	11.09	899666	20.0
unknown10.54	10.54	33.6	ng	1510390	4	11.09	899666	20.0
Phenol, 2-methyl-...	10.59	61.0	ng	2744270	4	11.09	899666	20.0
5H-PYRROLO(3,2-D)...	10.63	106.8	ng	4805240	4	11.09	899666	20.0
Phenol, m-tert-bu...	10.66	91.8	ng	4128750	4	11.09	899666	20.0
Phenol, 4-(1,1,3,...	10.73	61.3	ng	2757530	4	11.09	899666	20.0
Benzenepropanoic ...	10.78	70.0	ng	3147890	4	11.09	899666	20.0
Hexestrol	10.81	75.9	ng	3415970	4	11.09	899666	20.0
2-Methyl-4-hydrox...	10.85	37.4	ng	1682030	4	11.09	899666	20.0
unknown10.97	10.97	22.7	ng	1019380	4	11.09	899666	20.0
Clorophene	11.52	10.9	ng	491904	4	11.09	899666	20.0
Undecanoic acid	11.65	16.1	ng	722611	4	11.09	899666	20.0
Octadecanoic acid	12.42	12.8	ng	462550	5	13.70	721434	20.0