LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087628.D
Acq On : 1 Jun 2016 21:27
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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-BF052316.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	4.010	204	212	214	rBV	22874	88563	1.52%	0.093%
2	4.673	268	270	283	rBV	39610	151630	2.61%	0.160%
3	5.336	326	328	344	rBV	511160	1732179	29.79%	1.824%
4	6.090	392	394	401	rBV	242265	371586	6.39%	0.391%
5	6.559	431	435	439	rBV	260558	415175	7.14%	0.437%
6	7.005	471	474	478	rBV	391725	967832	16.64%	1.019%
7	7.073	478	480	490	rVV	1726132	3505527	60.28%	3.692%
8	7.222	490	493	497	rVV4	35423	111969	1.93%	0.118%
9	7.347	500	504	508	rVV2	141671	271843	4.67%	0.286%
10	7.416	508	510	521	rVB	360468	777483	13.37%	0.819%
11	7.656	528	531	532	rBV	1699681	2543687	43.74%	2.679%
12	7.679	532	533	539	rVV	929282	1311099	22.55%	1.381%
13	7.839	545	547	551	rBV	242584	312951	5.38%	0.330%
14	7.976	555	559	568	rBV3	164119	538992	9.27%	0.568%
15	8.296	582	587	589	rBV2	583164	1686952	29.01%	1.777%
16	8.342	589	591	598	rVV	1708555	2513577	43.23%	2.647%
17	8.445	598	600	601	rVV	61148	113209	1.95%	0.119%
18	8.513	604	606	610	rVB	160072	242982	4.18%	0.256%
19	8.673	617	620	623	rVB	381002	584158	10.05%	0.615%
20	8.868	634	637	639	rBV	73838	99890	1.72%	0.105%
21	8.948	639	644	648	rBV2	313823	644535	11.08%	0.679%
22	9.062	650	654	659	rBV2	844043	1990038	34.22%	2.096%
23	9.142	659	661	664	rVB2	47646	66169	1.14%	0.070%
24	9.222	664	668	671	rVB2	74937	158827	2.73%	0.167%
25	9.302	671	675	677	rBV	84563	153190	2.63%	0.161%
26	9.359	677	680	683	rBV	165505	241478	4.15%	0.254%
27	9.450	686	688	691	rVV2	652157	1037900	17.85%	1.093%
28	9.496	691	692	693	rVV	133160	159667	2.75%	0.168%
29	9.530	693	695	700	rVB3	192183	492598	8.47%	0.519%
30	9.645	703	705	707	rVV	64643	68745	1.18%	0.072%
31	9.736	710	713	715	rBV2	92390	142552	2.45%	0.150%
32	9.782	715	717	719	rBV	200116	296482	5.10%	0.312%
33	9.851	721	723	727	rVB	194447	266660	4.59%	0.281%
34	9.919	727	729	732	rBV2	143751	290864	5.00%	0.306%

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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.999	732	736	739	rVB4	94449	192761	3.31%	0.203%
36	10.056	739	741	743	rBV3	78479	102603	1.76%	0.108%
37	10.102	743	745	748	rVB2	90053	135101	2.32%	0.142%
38	10.171	748	751	753	rBV3	82678	189960	3.27%	0.200%
39	10.228	753	756	758	rVV	208497	323770	5.57%	0.341%
40	10.273	758	760	765	rVB2	251833	520832	8.96%	0.549%
41	10.525	777	782	784	rBV	437796	743029	12.78%	0.783%
42	10.593	784	788	791	rVB3	152224	287226	4.94%	0.302%
43	10.662	791	794	796	rBV3	68858	121454	2.09%	0.128%
44	10.765	800	803	805	rBV	1548248	1995004	34.31%	2.101%
45	10.822	805	808	811	rVV2	372725	868998	14.94%	0.915%
46	10.913	812	816	821	rVB4	310471	834945	14.36%	0.879%
47	10.993	821	823	824	rBV	92679	141840	2.44%	0.149%
48	11.028	824	826	830	rBV2	154324	288314	4.96%	0.304%
49	11.108	830	833	840	rBV	1612274	2899008	49.85%	3.053%
50	11.233	840	844	846	rBV	2573559	3701898	63.66%	3.899%
51	11.325	849	852	854	rBV3	80291	216254	3.72%	0.228%
52	11.382	855	857	859	rVB	121344	156533	2.69%	0.165%
53	11.428	859	861	865	rBV2	200977	345641	5.94%	0.364%
54	11.519	865	869	874	rBV4	379122	840021	14.45%	0.885%
55	11.679	877	883	885	rBV2	261603	987994	16.99%	1.041%
56	11.748	885	889	890	rBV2	480407	930172	16.00%	0.980%
57	11.782	890	892	894	rVV2	526014	975123	16.77%	1.027%
58	11.816	894	895	900	rVB	841240	1345615	23.14%	1.417%
59	11.919	901	904	906	rBV	1236707	1773208	30.49%	1.867%
60	12.011	909	912	913	rBV	216157	371723	6.39%	0.391%
61	12.182	925	927	930	rVV2	84932	139560	2.40%	0.147%
62	12.274	932	935	938	rBV	807716	1124948	19.35%	1.185%
63	12.376	938	944	948	rVB4	756291	2060926	35.44%	2.171%
64	12.456	948	951	953	rBV	719977	1153514	19.84%	1.215%
65	12.514	953	956	960	rVB4	258370	682863	11.74%	0.719%
66	12.616	960	965	968	rBV4	432256	1168582	20.10%	1.231%
67	12.719	968	974	975	rVV2	442734	1115878	19.19%	1.175%
68	12.788	978	980	981	rVB	108948	125357	2.16%	0.132%
69	12.868	985	987	989	rBV3	185800	264147	4.54%	0.278%
70	12.914	989	991	993	rVB2	141749	165369	2.84%	0.174%
71	13.039	993	1002	1005	rBV2	1458757	5046737	86.79%	5.315%

LSC Area Percent Report

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Instrument : BNA_F
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72	13.119	1005	1009	1011	rVB2	611711	1351155	23.24%	1.423%
73	13.257	1019	1021	1022	rVV2	84063	87216	1.50%	0.092%
74	13.314	1022	1026	1028	rVV	835751	2056877	35.37%	2.166%
75	13.417	1028	1035	1036	rVV4	1322916	5815097	100.00%	6.124%
76	13.485	1039	1041	1045	rVV3	343933	646242	11.11%	0.681%
77	13.577	1045	1049	1054	rVB2	2078765	3758487	64.63%	3.958%
78	13.679	1055	1058	1060	rBV2	730023	1410656	24.26%	1.486%
79	13.737	1060	1063	1069	rVV3	459544	1665050	28.63%	1.754%
80	13.885	1069	1076	1078	rVV4	1193735	3864737	66.46%	4.070%
81	13.942	1078	1081	1084	rVV	1133426	2783088	47.86%	2.931%
82	14.022	1084	1088	1090	rVV2	733141	1299499	22.35%	1.369%
83	14.068	1090	1092	1093	rVV	135420	165057	2.84%	0.174%
84	14.148	1093	1099	1103	rVB5	412976	1174846	20.20%	1.237%
85	14.240	1105	1107	1110	rVV2	283291	424664	7.30%	0.447%
86	14.320	1112	1114	1116	rVV2	203731	373839	6.43%	0.394%
87	14.422	1120	1123	1131	rVB5	329885	1089703	18.74%	1.148%
88	14.548	1131	1134	1137	rBV2	388628	710058	12.21%	0.748%
89	14.640	1140	1142	1144	rVV3	91499	159311	2.74%	0.168%
90	14.685	1144	1146	1149	rVB	607715	735948	12.66%	0.775%
91	14.880	1160	1163	1164	rBV	96977	184888	3.18%	0.195%
92	14.914	1164	1166	1170	rVB2	155384	342565	5.89%	0.361%
93	15.691	1232	1234	1242	rVB3	105220	240496	4.14%	0.253%
94	15.931	1253	1255	1257	rBV2	114639	189758	3.26%	0.200%
95	15.977	1257	1259	1266	rVB	252427	427901	7.36%	0.451%
96	16.777	1327	1329	1337	rVB	88342	168243	2.89%	0.177%
97	17.040	1349	1352	1355	rBV	2824813	3740262	64.32%	3.939%
98	18.286	1459	1461	1469	rVB	29020	63777	1.10%	0.067%
99	18.400	1469	1471	1481	rBV2	412706	797506	13.71%	0.840%
100	20.092	1616	1619	1630	rBV	258044	536502	9.23%	0.565%

Sum of corrected areas: 94951325

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
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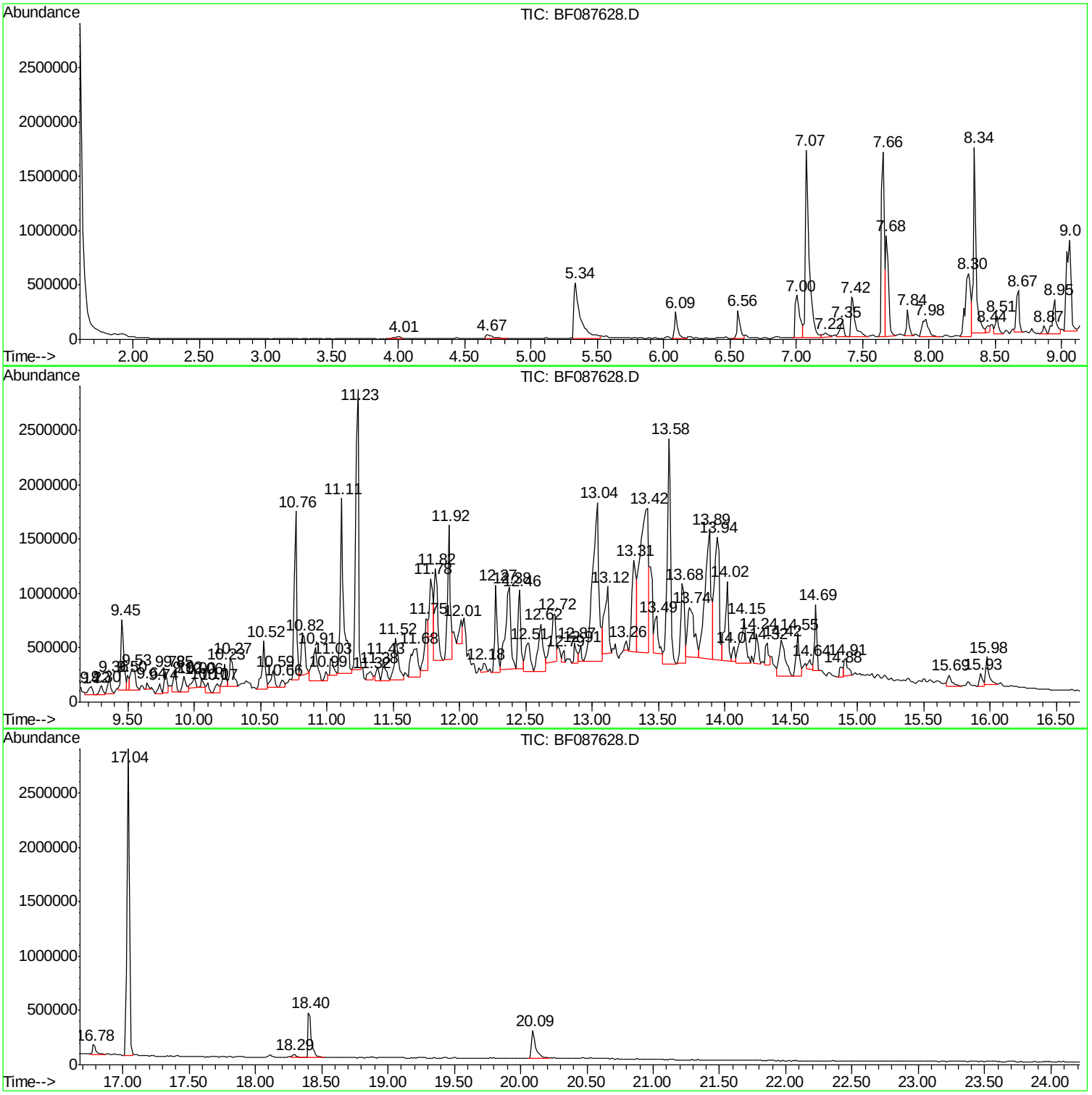
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
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TIC Library : C:\Database\NIST11.L
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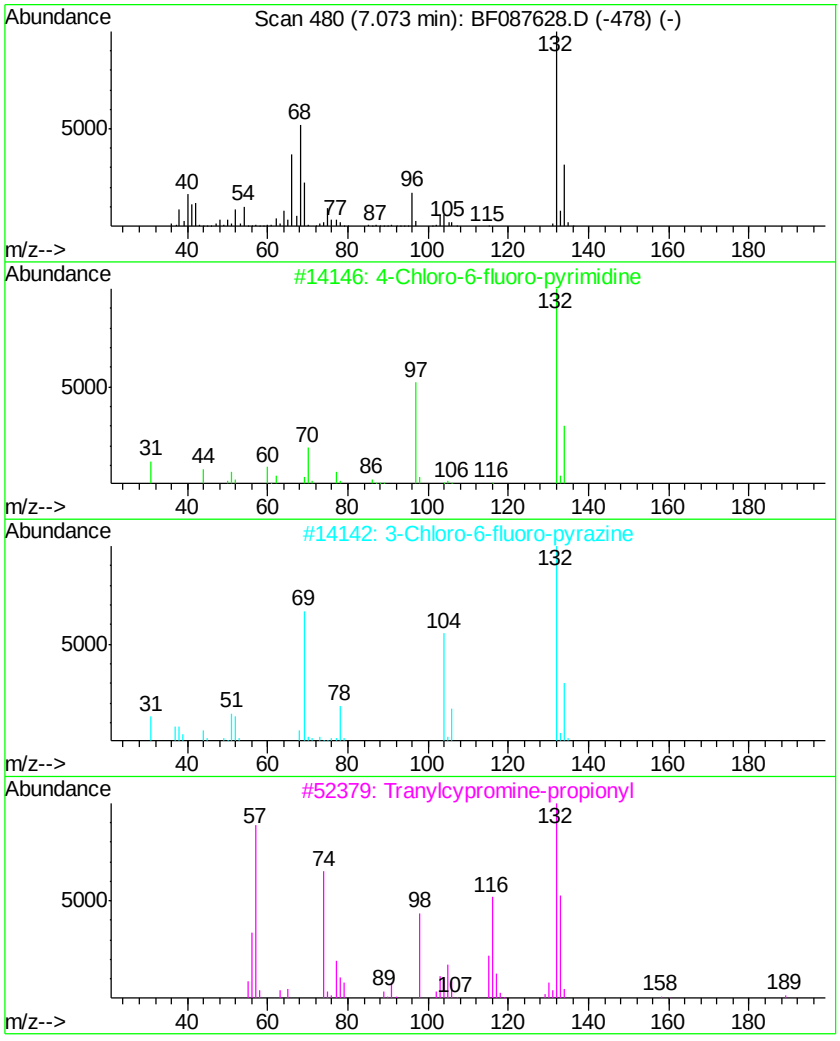
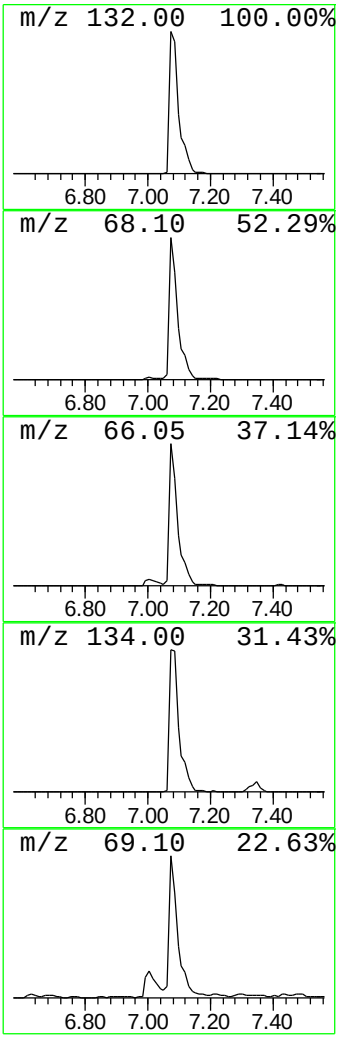
****

Peak Number 1 unknown7.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	90.18 ng	3505530	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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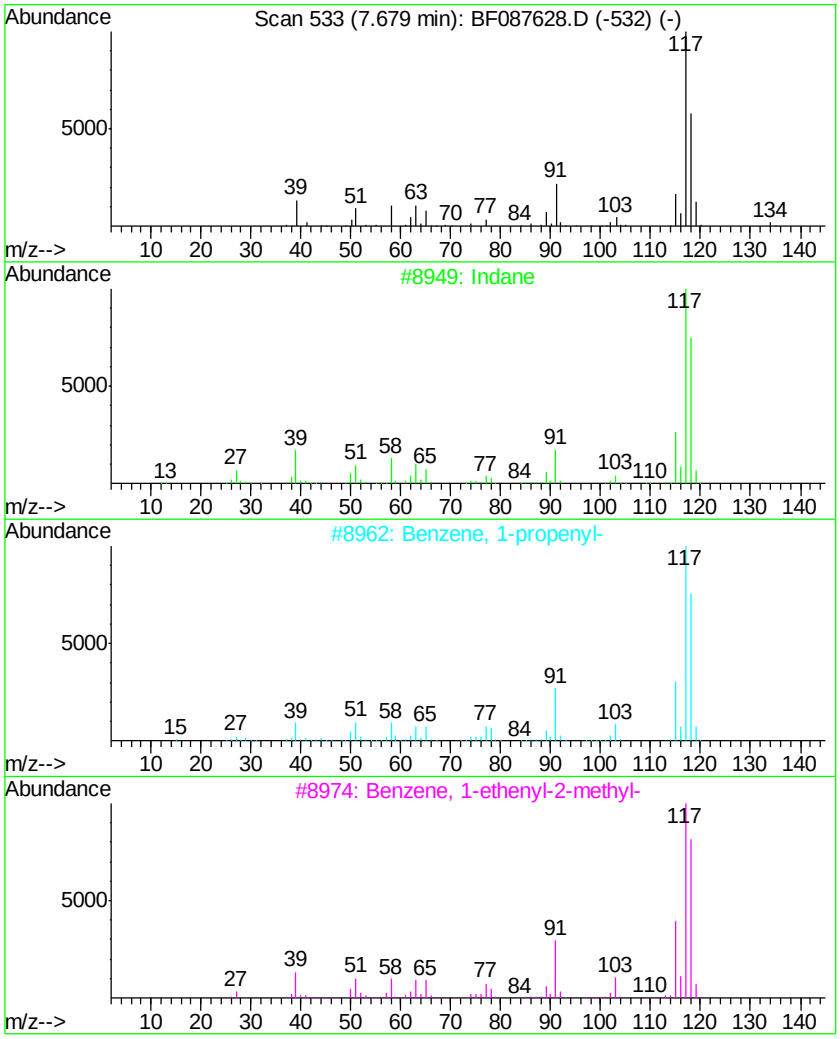
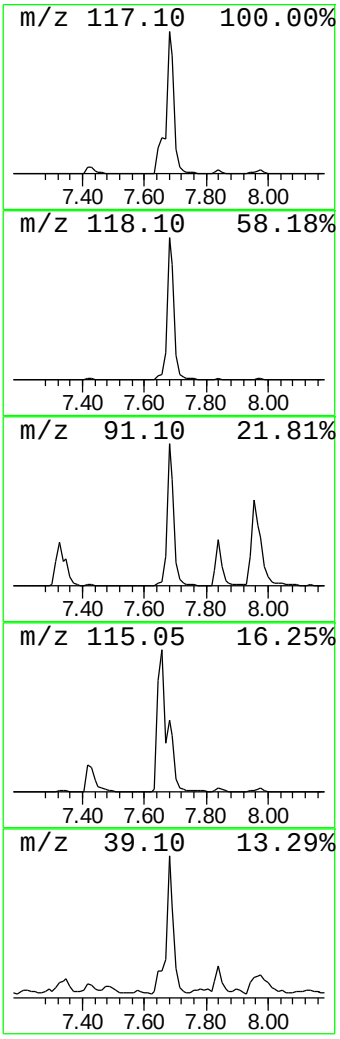
****

Peak Number 3 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	33.73 ng	1311100	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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TIC Library : C:\Database\NIST11.L
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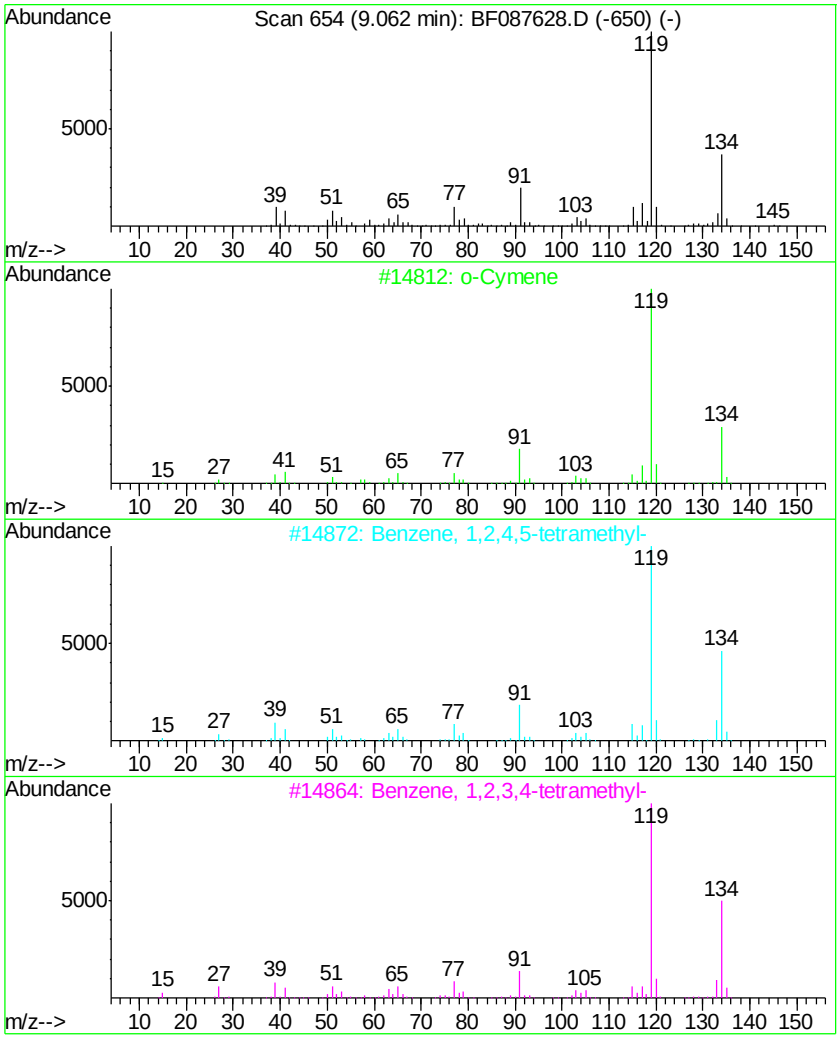
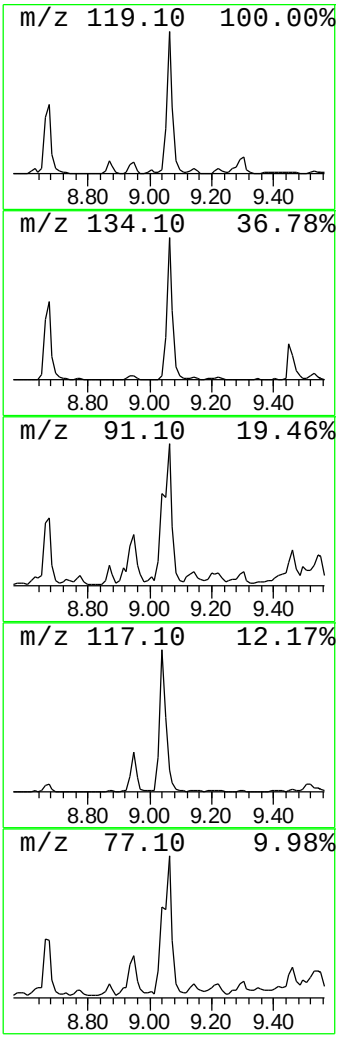
Peak Number 4 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	38.35 ng	1990040	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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Sample : H3349-03
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Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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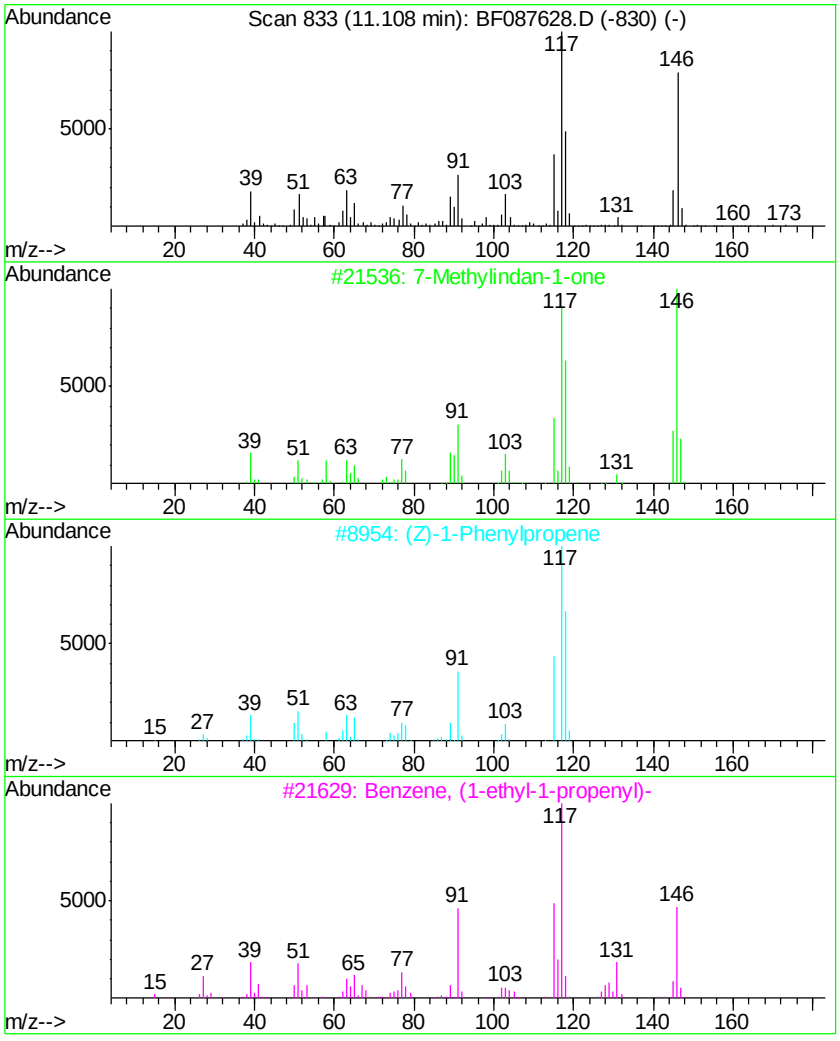
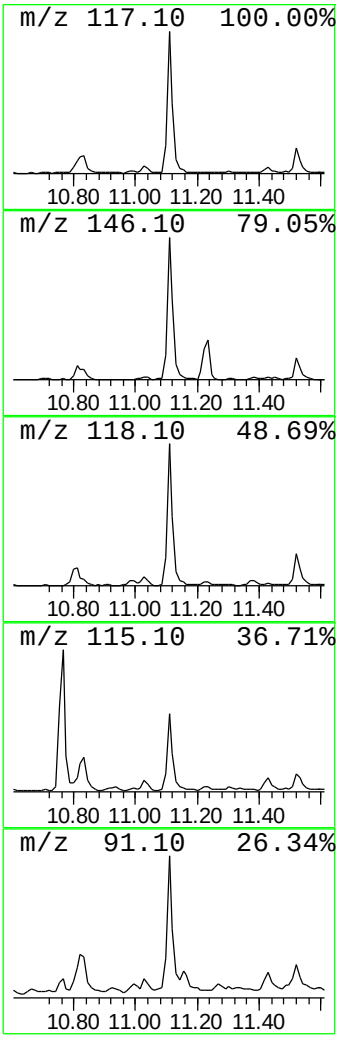
Peak Number 5 7-Methylindan-1-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	51.54 ng	2899010	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	90
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
4	Indane	118	C9H10	000496-11-7	50
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50





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Data File : BF087628.D
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Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

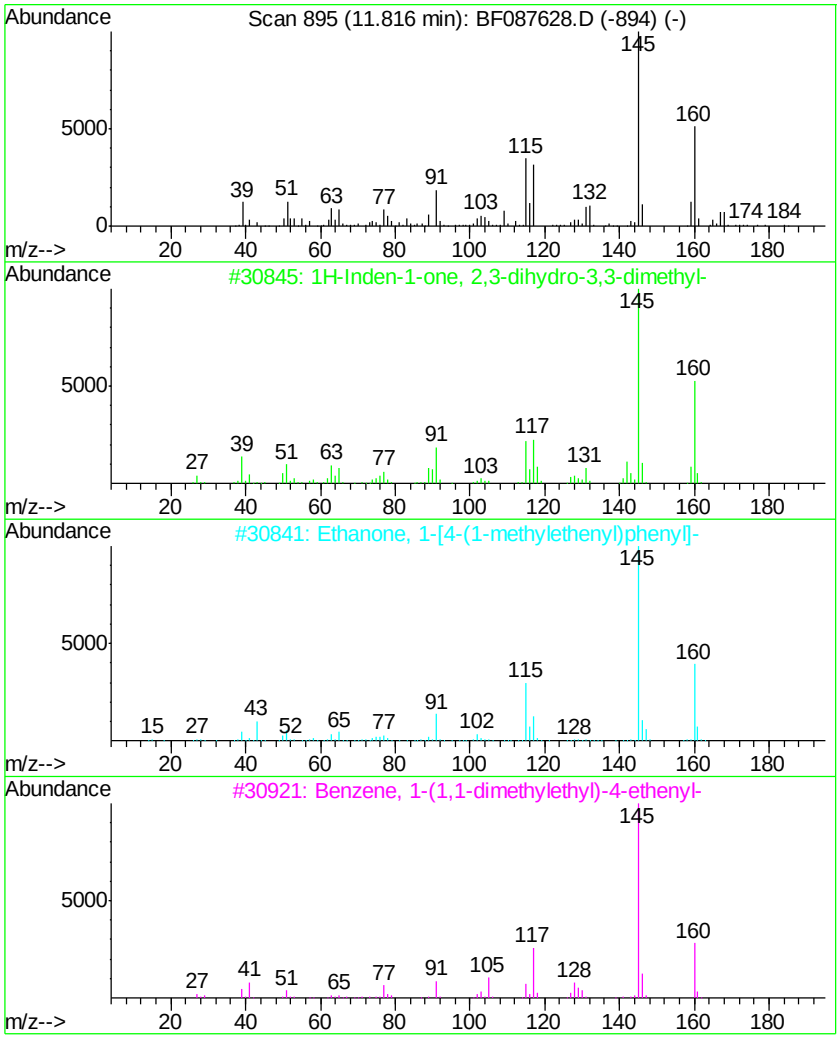
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

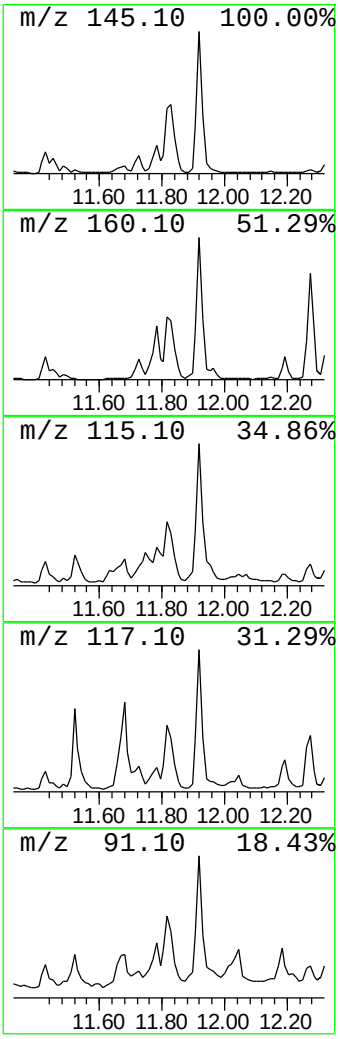
****

Peak Number 6 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	23.92 ng	1345620	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	87
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	72
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	52
4	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	50
5	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	50





Library Search Compound Report

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Acq On : 1 Jun 2016 21:27
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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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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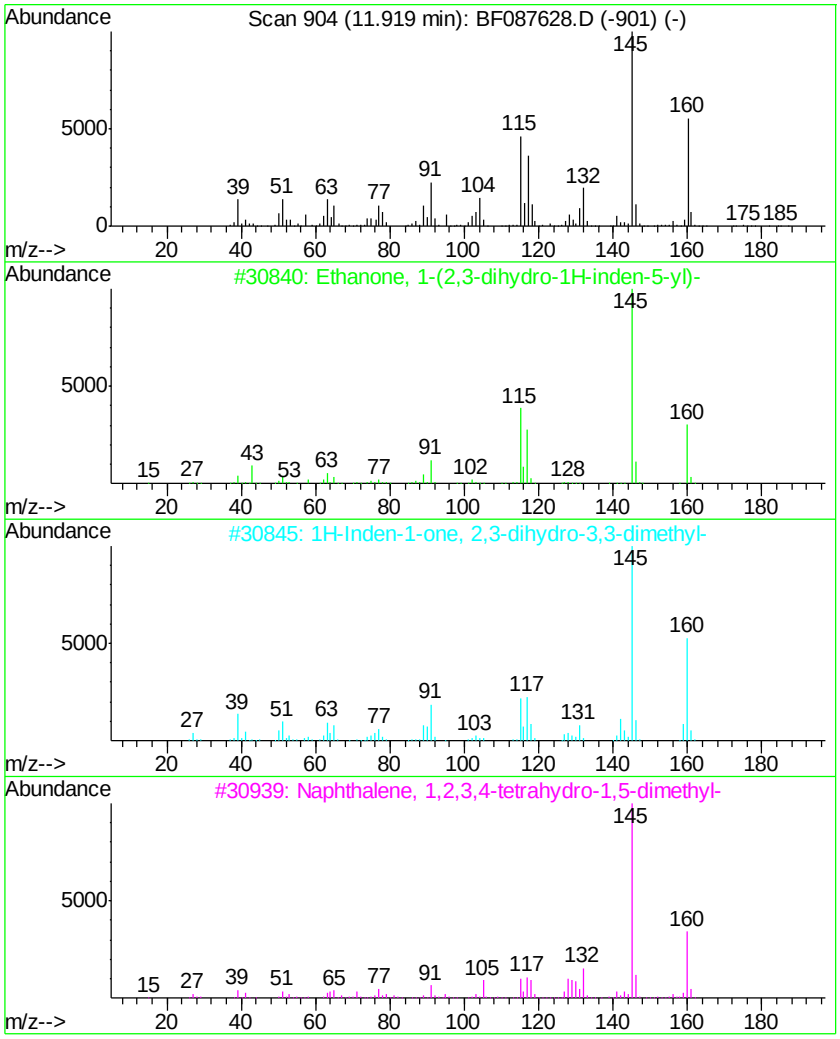
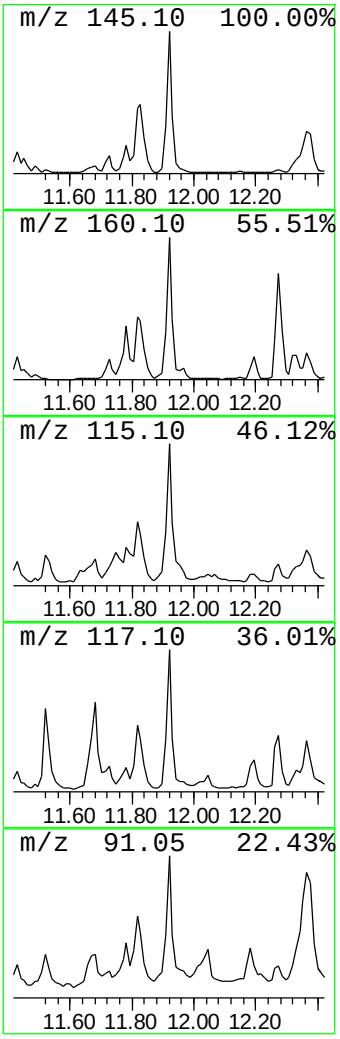
Peak Number 7 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	31.53 ng	1773210	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	90
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	74
4	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	60
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	60





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Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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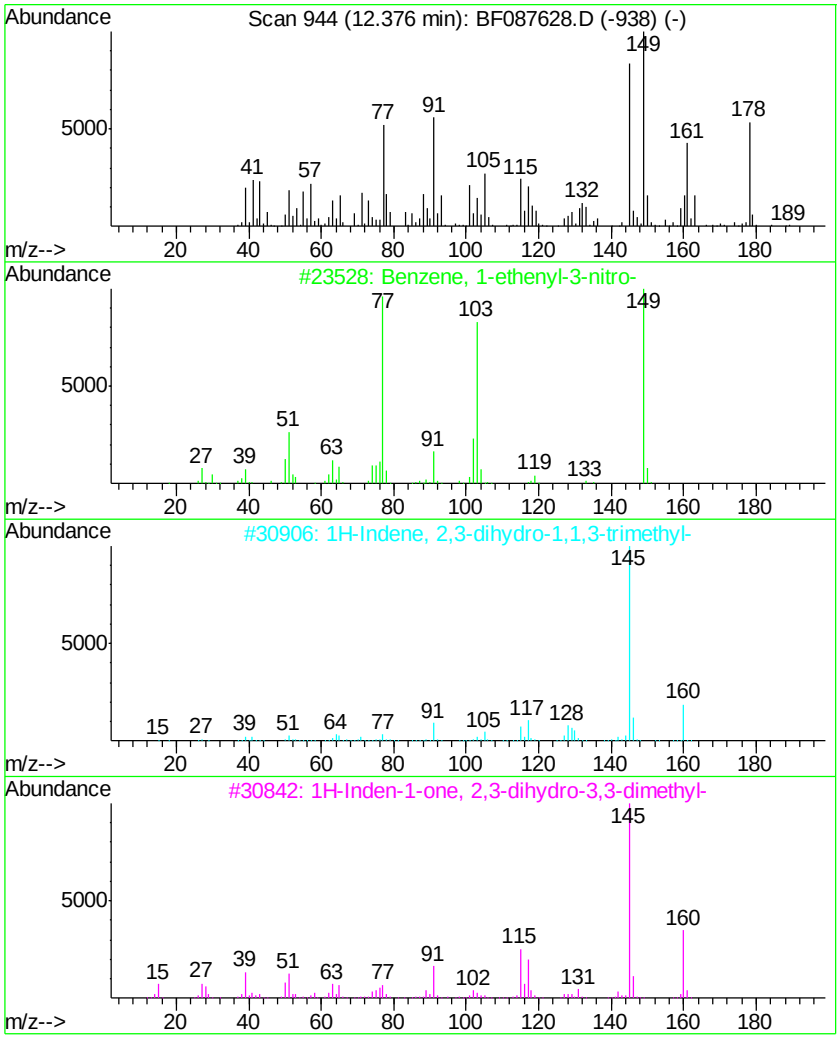
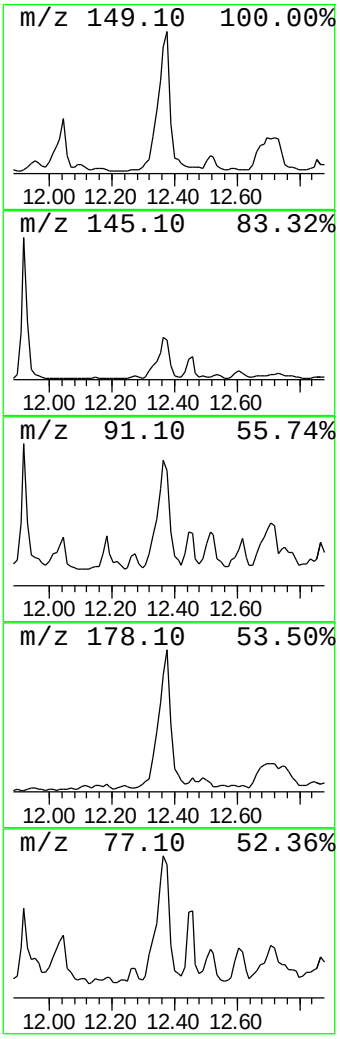
Peak Number 8 unknown12.38 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	36.64 ng	2060930	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	22
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	20
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	20
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	18
5	Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	15





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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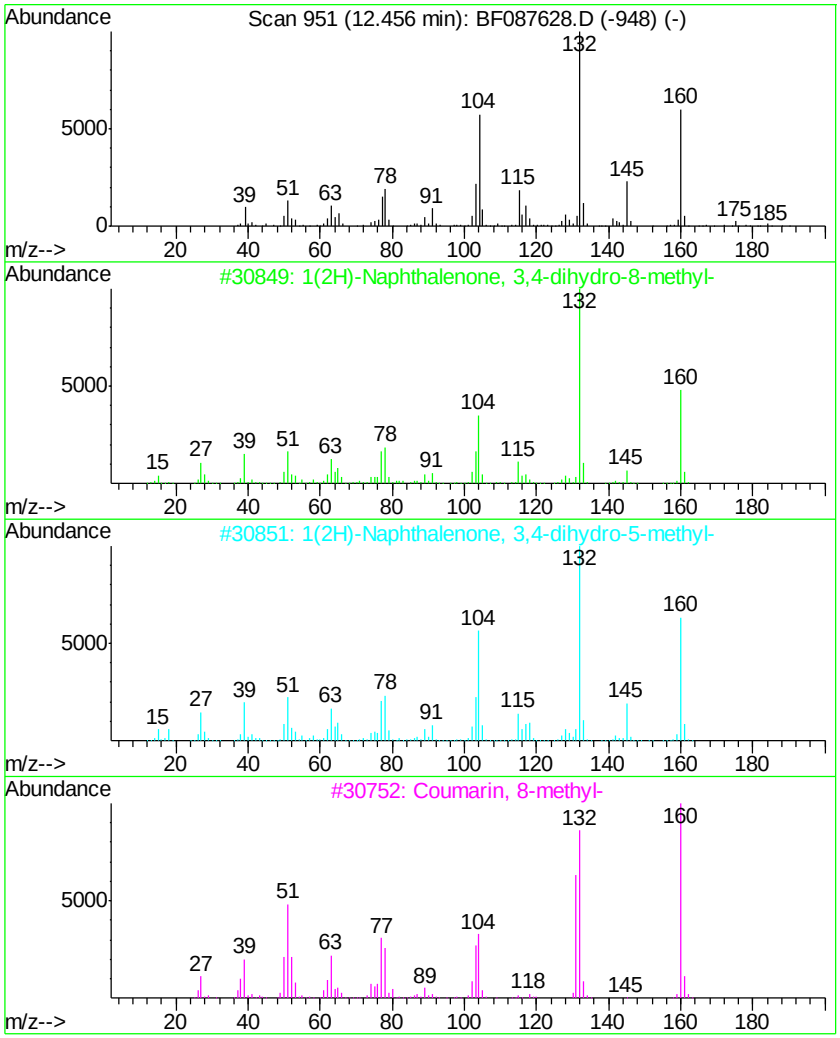
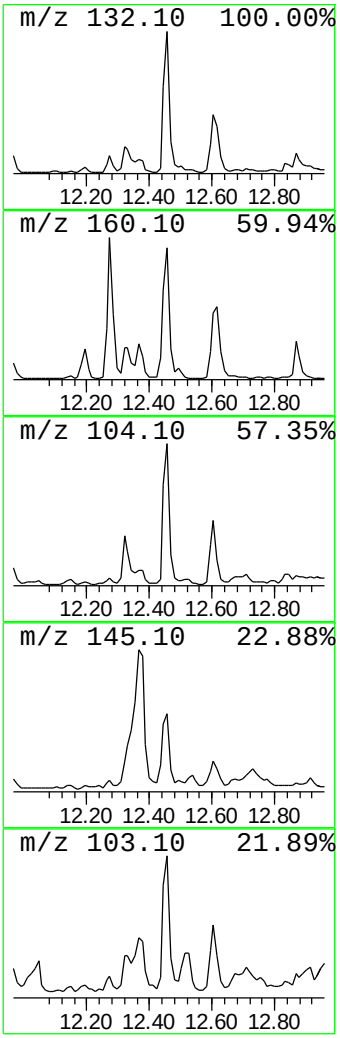
Peak Number 9 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	20.51 ng	1153510	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	93
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	93
3	Coumarin, 8-methyl-	160	C10H8O2	001807-36-9	59
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	58
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49





Library Search Compound Report

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Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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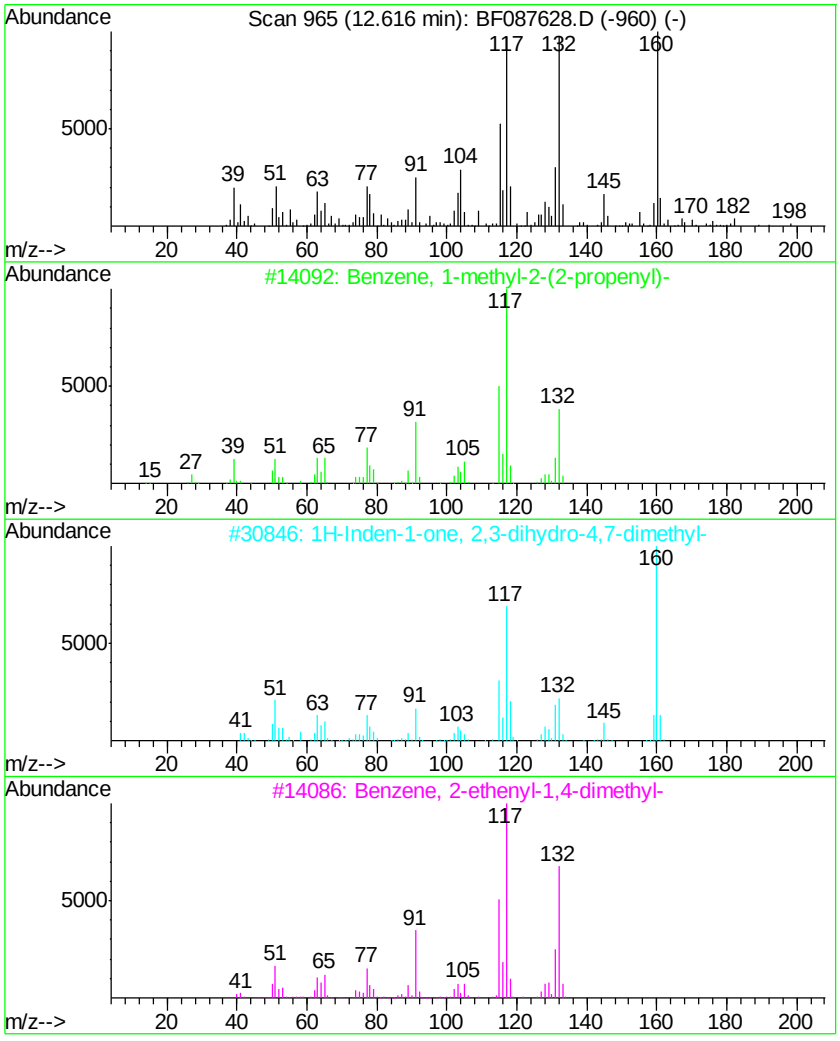
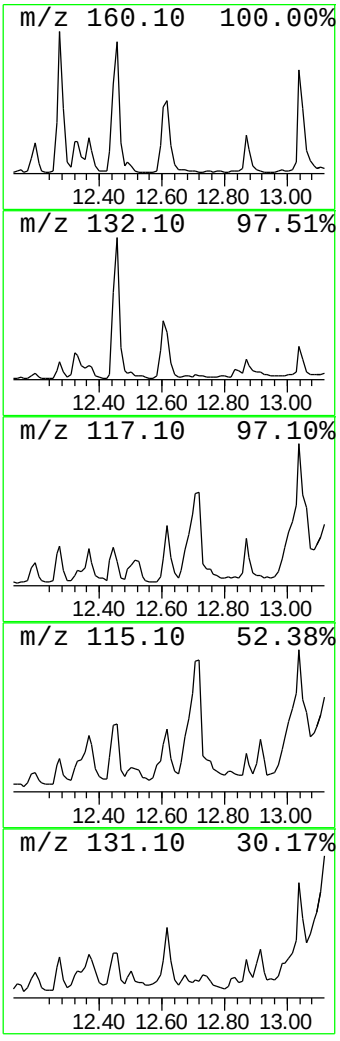
Peak Number 10 Benzene, 1-methyl-2-(2-prop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	20.78 ng	1168580	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
4	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	70
5	2H-1-Benzopyran-2-one, 7-methyl-	160	C10H8O2	002445-83-2	64





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Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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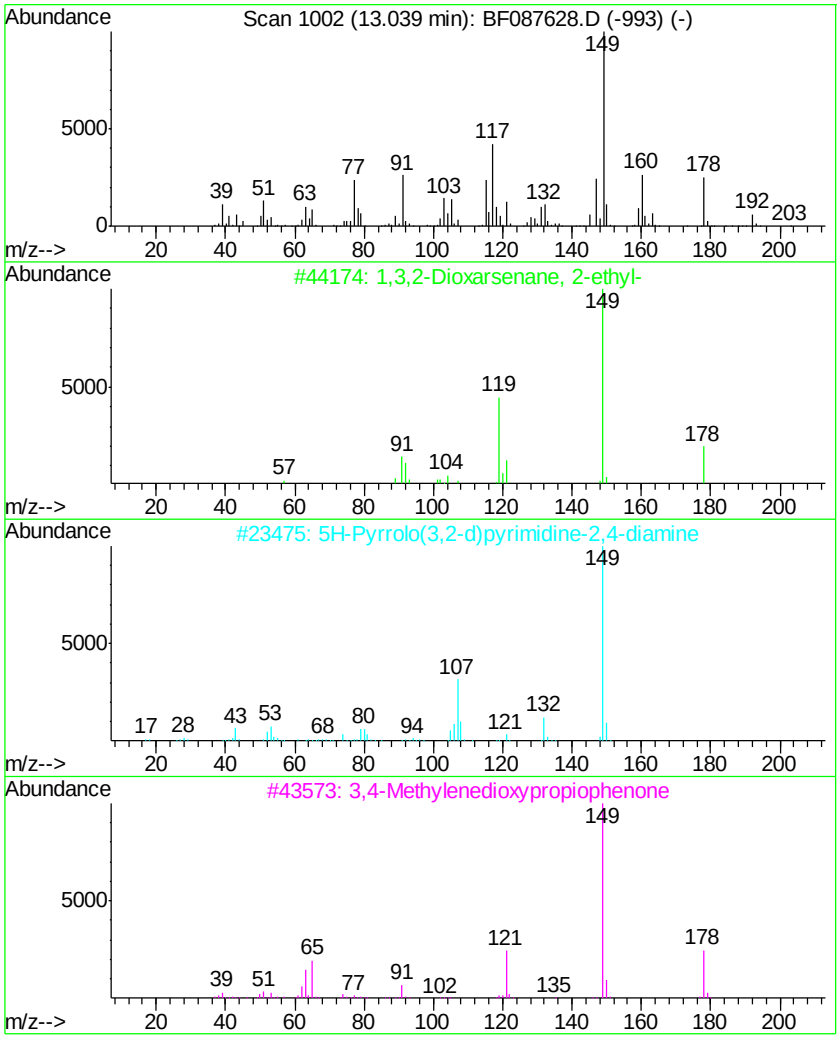
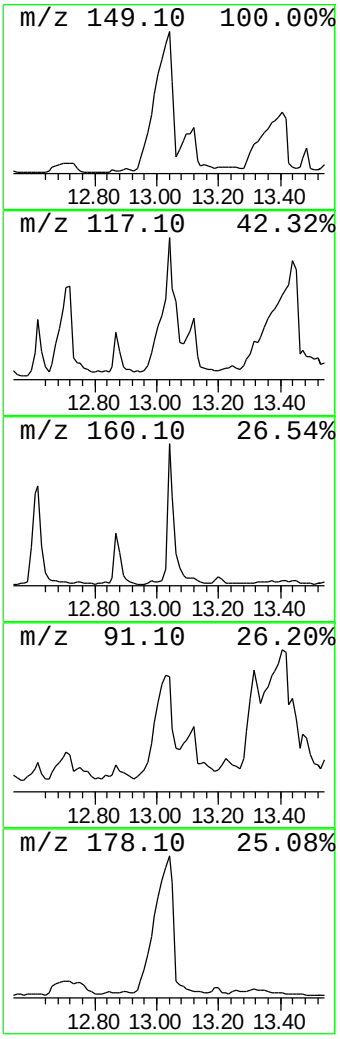
Peak Number 11 unknown13.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	89.72 ng	5046740	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Dioxarsenane, 2-ethyl-	178	C5H11AsO2	042541-31-1	38
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	35
3	3,4-Methylenedioxypropiophenone	178	C10H10O3	028281-49-4	35
4	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	27
5	1,2-Benzisothiazole, 3-methyl-	149	C8H7NS	006187-89-9	27





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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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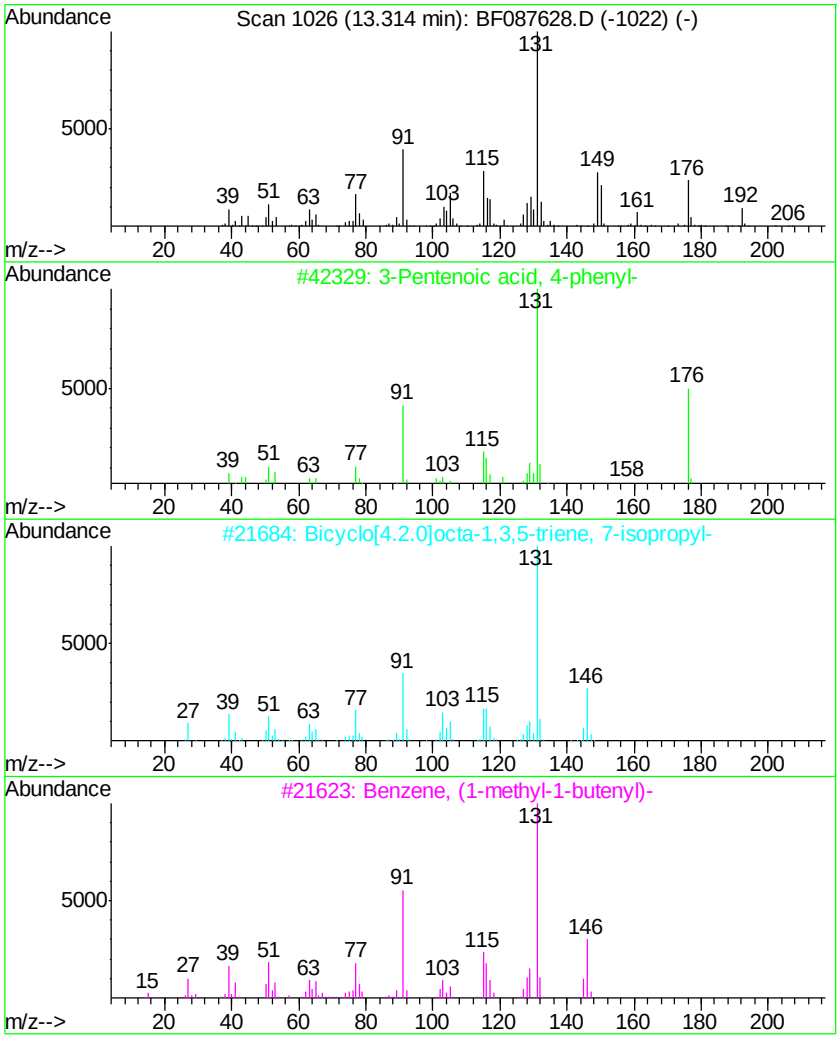
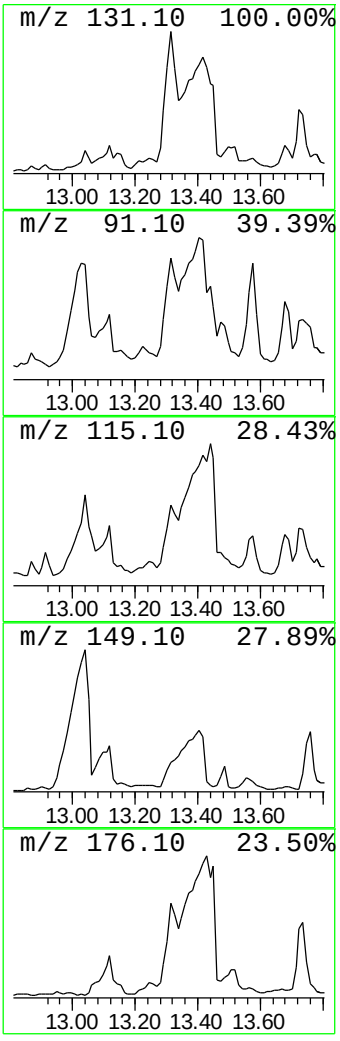
Peak Number 12 3-Pentenoic acid, 4-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	36.57 ng	2056880	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	76
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	52
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	52
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	49





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Sample : H3349-03
Misc :
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Instrument : BNA_F
ClientSampleId : W-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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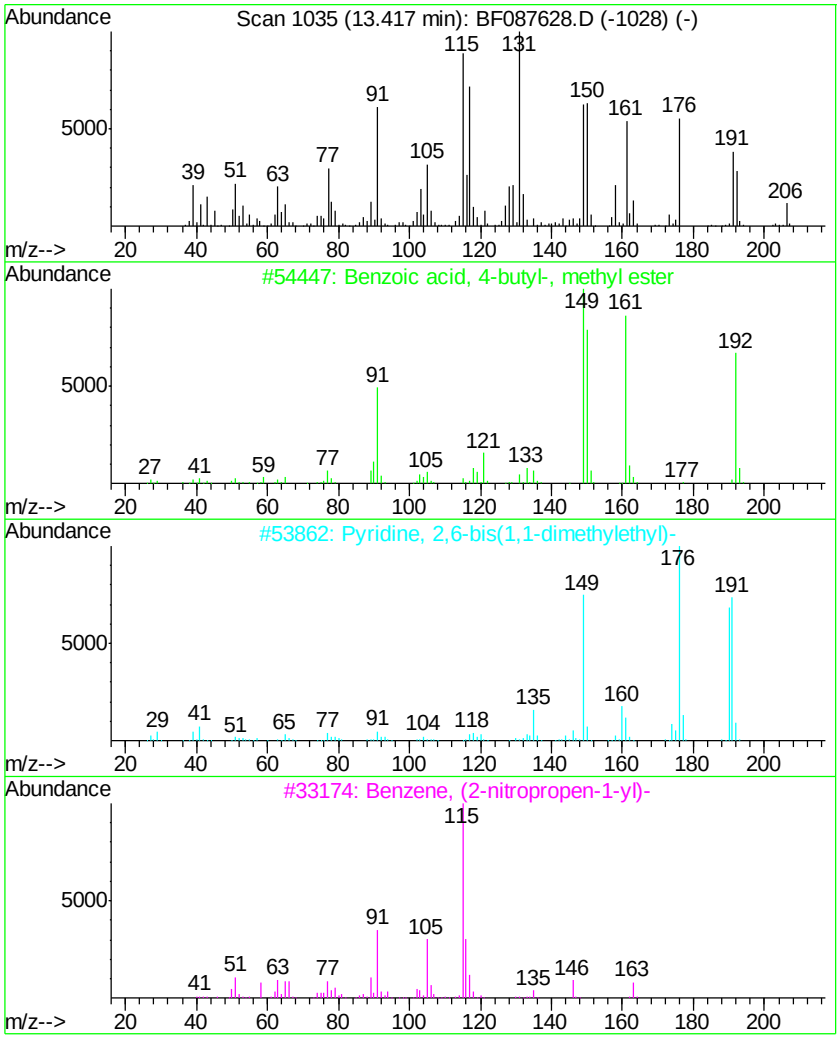
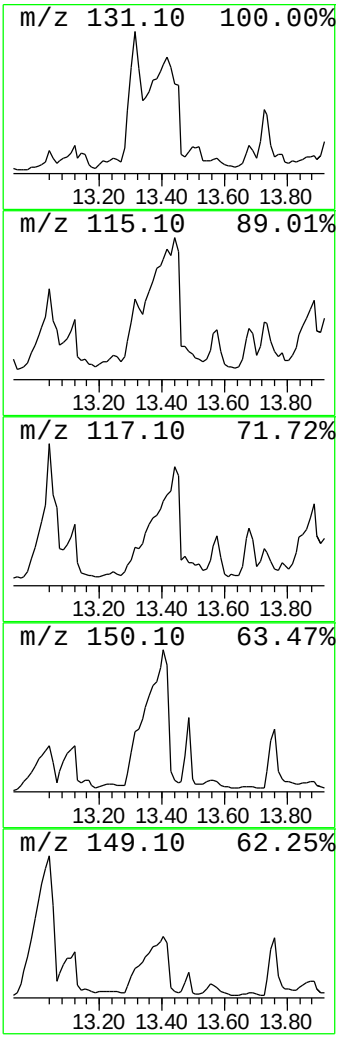
Peak Number 13 unknown13.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	103.38 ng	5815100	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-butyl-, methyl e...	192	C12H16O2	020651-69-8	20
2	Pyridine, 2,6-bis(1,1-dimethylet...	191	C13H21N	000585-48-8	14
3	Benzene, (2-nitropropen-1-yl)-	163	C9H9NO2	000705-60-2	11
4	Cyclopropyl phenyl sulphide	150	C9H10S	014633-54-6	11
5	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	11





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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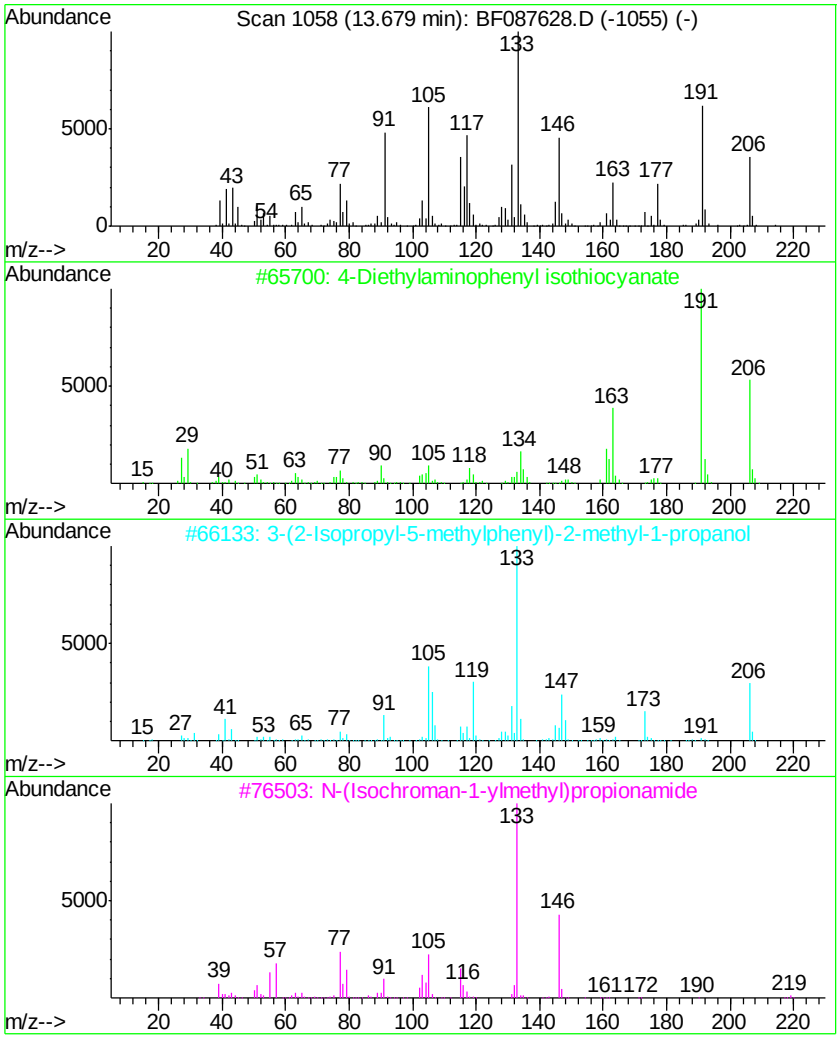
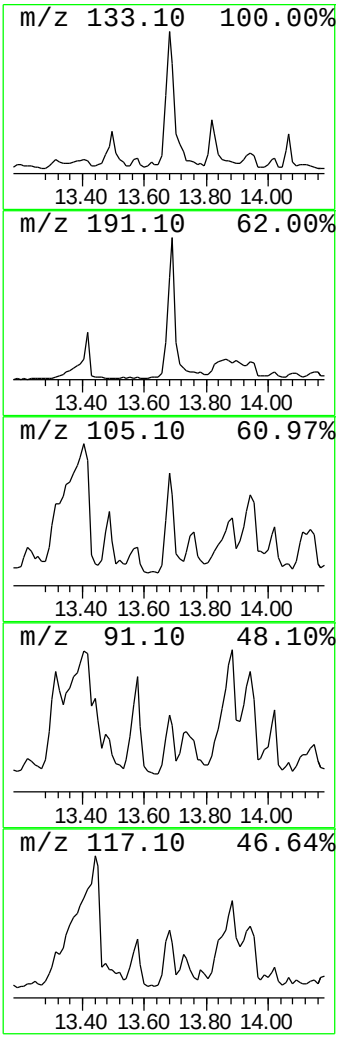
Peak Number 14 unknown13.68 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	38.34 ng	1410660	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Diethylaminophenyl isothiocyanate	206	C11H14N2S	084381-54-4	35
2	3-(2-Isopropyl-5-methylphenyl)-2...	206	C14H22O	022291-56-1	30
3	N-(Isochroman-1-ylmethyl)propion...	219	C13H17NO2	050683-60-8	27
4	3-Methyl-2,3-dihydrobenzofuran-3...	192	C11H12O3	039891-57-1	20
5	Benzenebutanoic acid, 2,5-dimeth...	206	C12H14O3	005394-59-2	20





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TIC Library : C:\Database\NIST11.L
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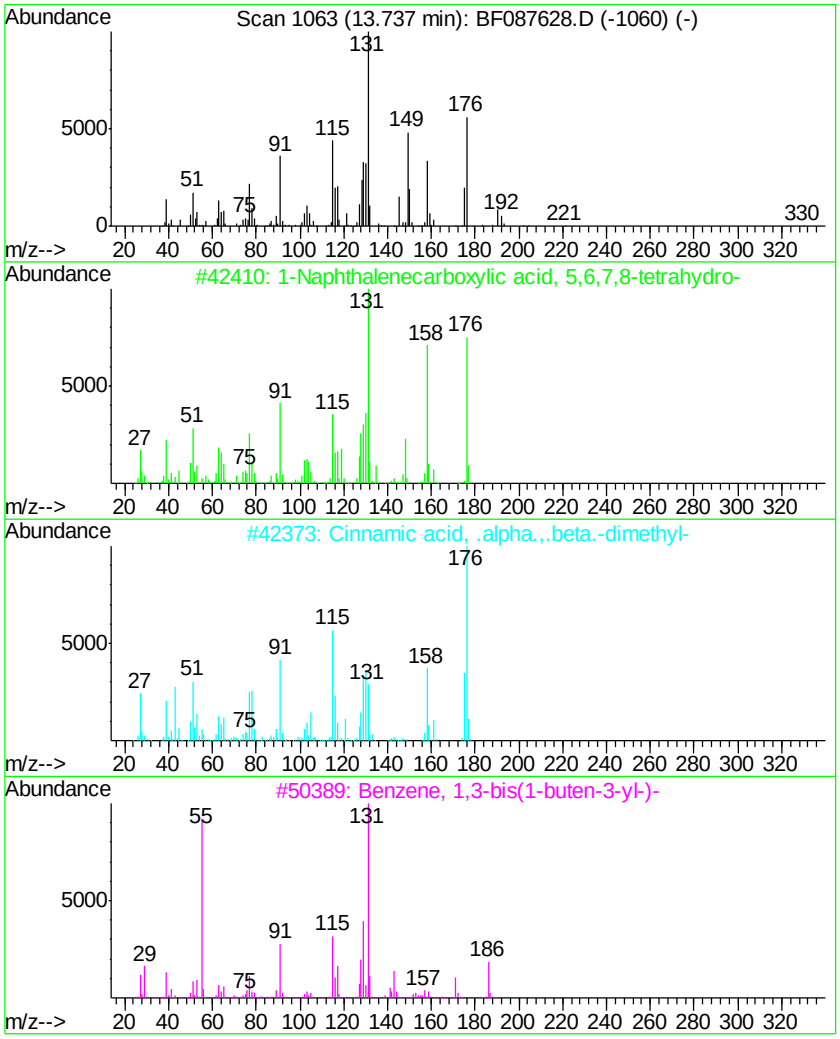
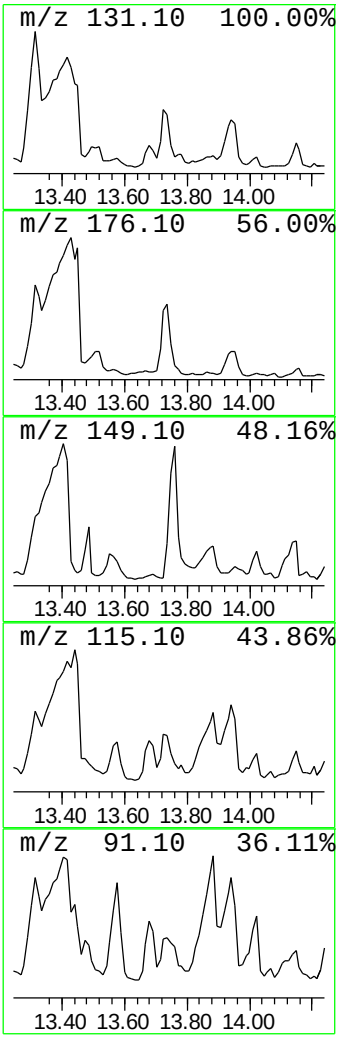
Peak Number 15 1-Naphthalenecarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	45.25 ng	1665050	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	90
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	49
3	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	35
4	Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	30
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	27





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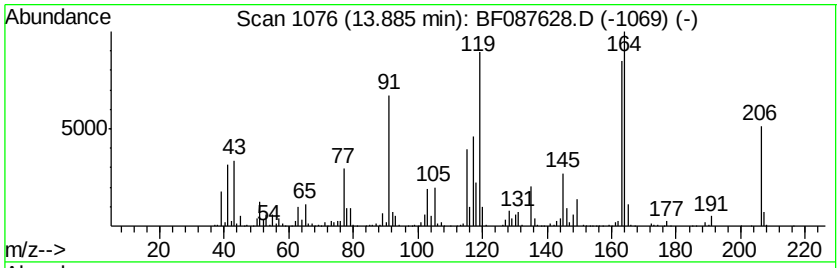
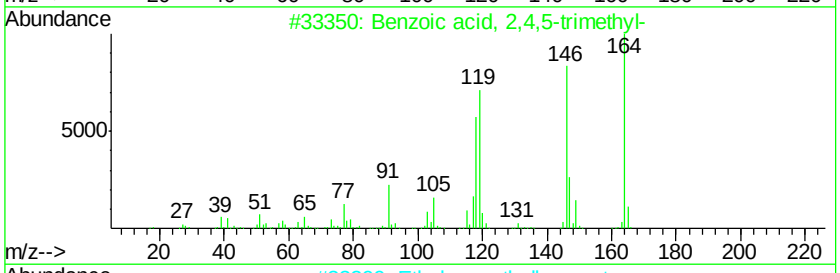
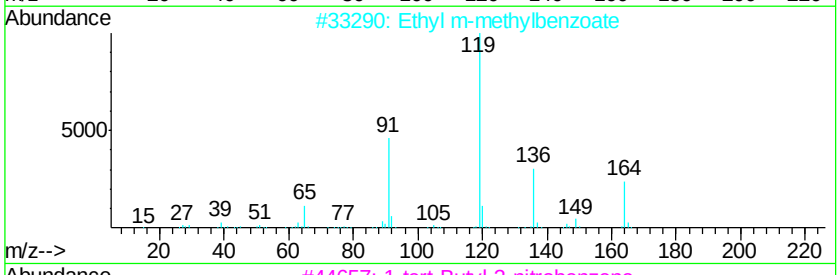
Peak Number 16 unknown13.89 Concentration Rank 1

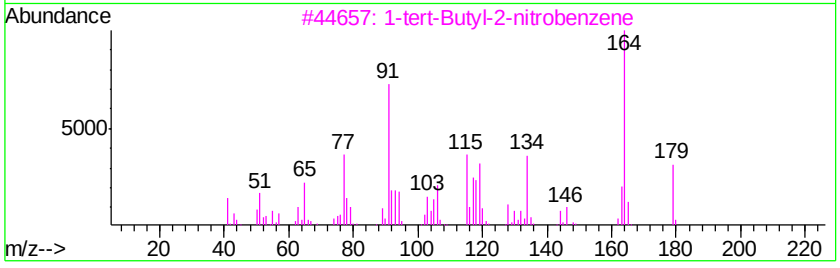
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	105.03 ng	3864740	Phenanthrene-d10	14.69

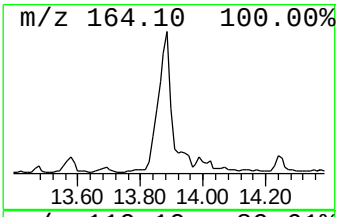
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	38
2	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	38
3	1-tert-Butyl-2-nitrobenzene	179	C10H13NO2	001886-57-3	35
4	Piperazine, 1-(2-ethoxyphenyl)-	206	C12H18N2O	013339-01-0	35
5	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	27

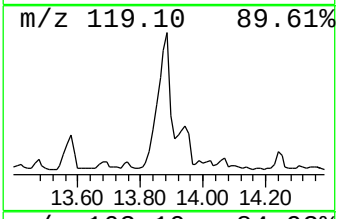


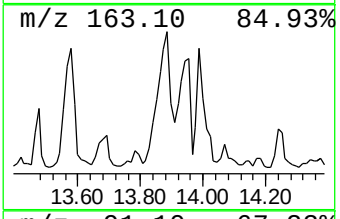


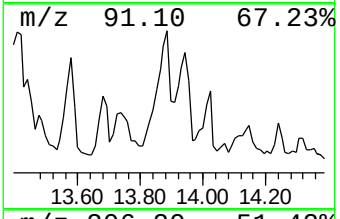


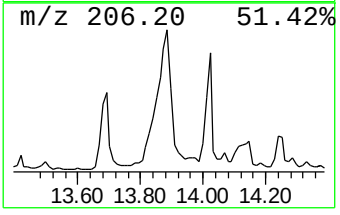












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Data File : BF087628.D
Acq On : 1 Jun 2016 21:27
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

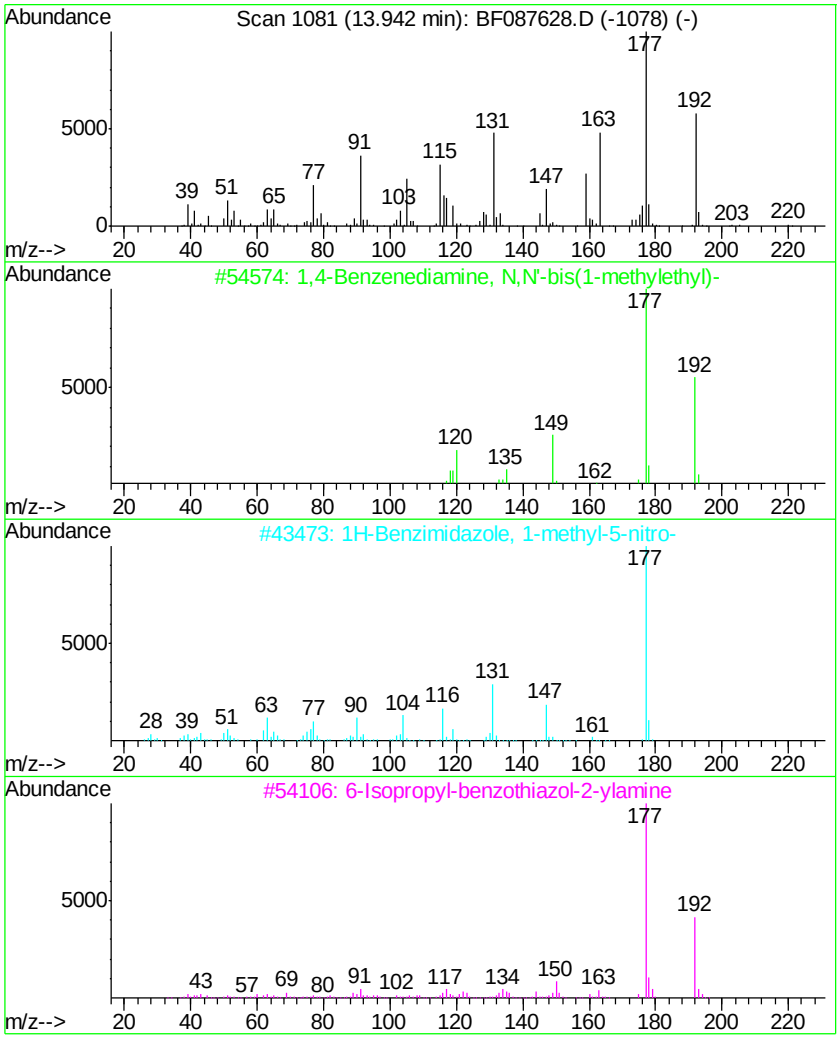
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

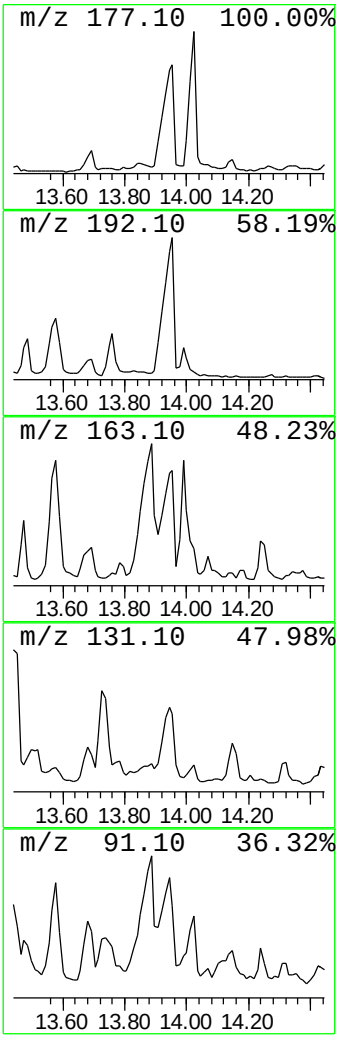
****

Peak Number 17 unknown13.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	75.63 ng	2783090	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	43
2	1H-Benzimidazole, 1-methyl-5-nitro-	177	C8H7N3O2	005381-78-2	43
3	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	43
4	2-Methyl-5-nitro-2H-indazole	177	C8H7N3O2	005228-48-8	38
5	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	38





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Data File : BF087628.D
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Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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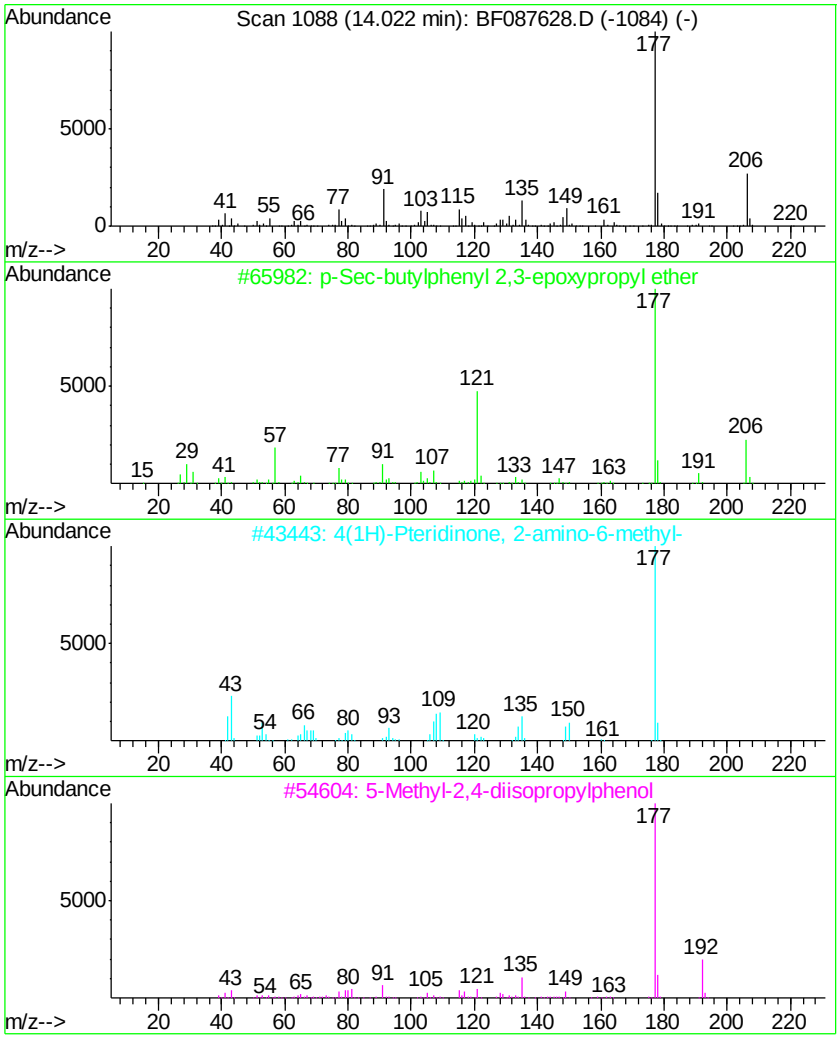
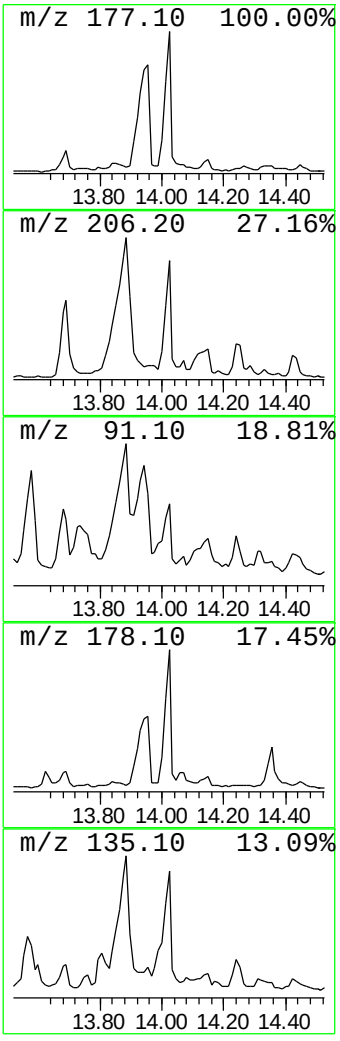
Peak Number 18 p-Sec-butylphenyl 2,3-epoxy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	35.32 ng	1299500	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	64
2	4(1H)-Pteridinone, 2-amino-6-met...	177	C7H7N5O	000708-75-8	59
3	5-Methyl-2,4-diisopropylphenol	192	C13H20O	040625-96-5	53
4	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	50
5	2,4a-Epidioxy-5,6,7,8-tetrahydro...	224	C13H20O3	1000212-29-9	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087628.D
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Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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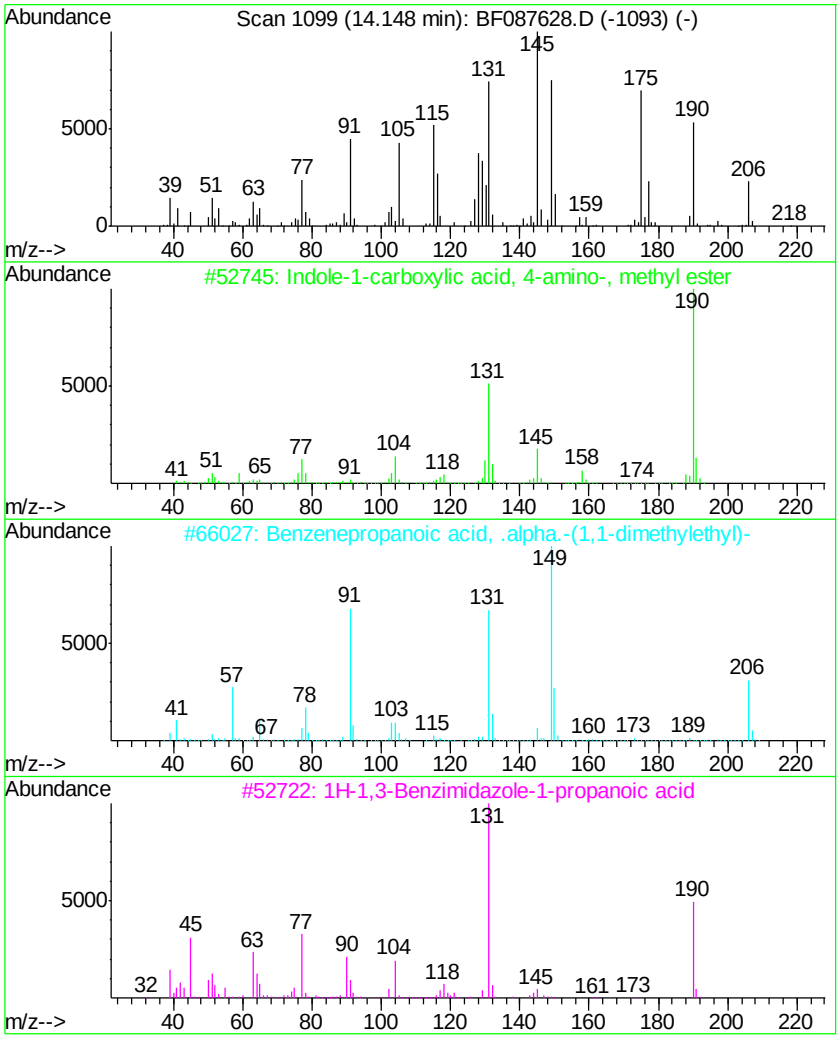
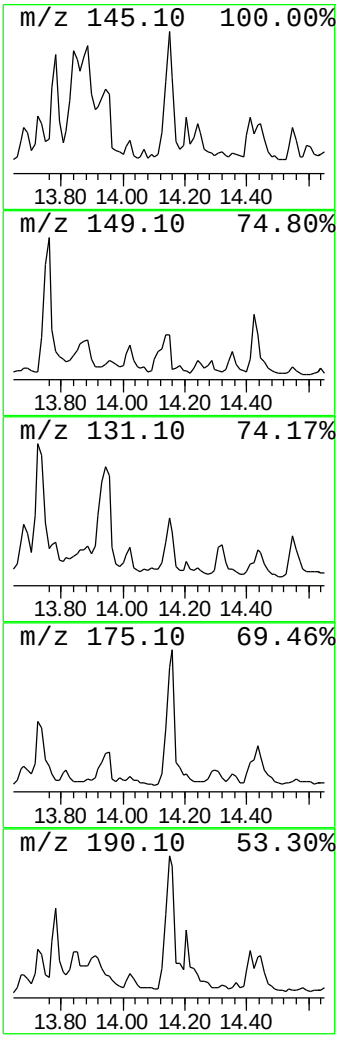
Peak Number 19 unknown14.15 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	31.93 ng	1174850	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole-1-carboxylic acid, 4-amin...	190	C10H10N2O2	081038-30-4	22
2	Benzenepropanoic acid, .alpha.-(...	206	C13H18O2	053483-12-8	18
3	1H-1,3-Benzimidazole-1-propanoic...	190	C10H10N2O2	014840-18-7	14
4	4-Chloro-2-fluoroaniline	145	C6H5ClFN	057946-56-2	11
5	Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087628.D
Acq On : 1 Jun 2016 21:27
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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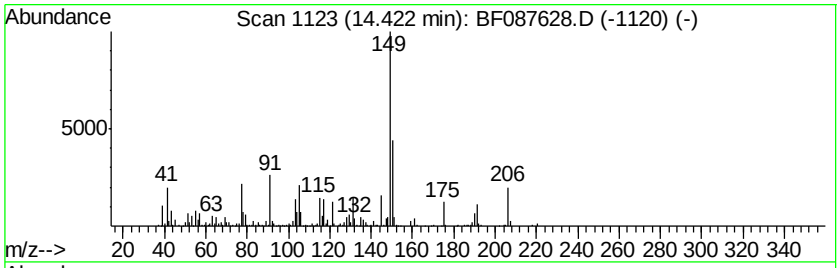
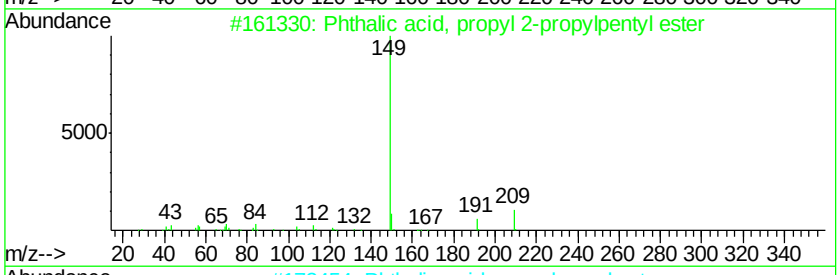
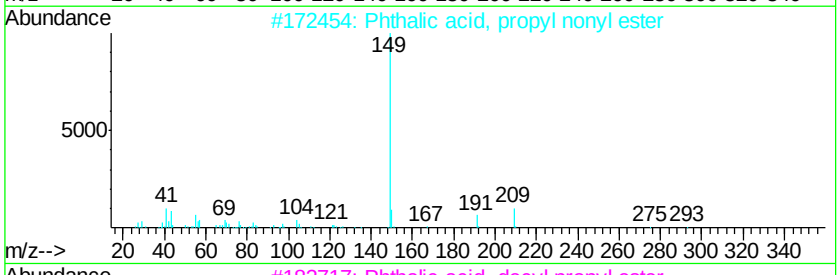
Peak Number 20 unknown14.42 Concentration Rank 17

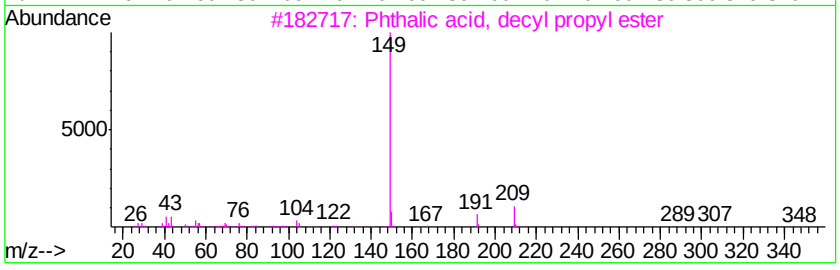
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	29.61 ng	1089700	Phenanthrene-d10	14.69

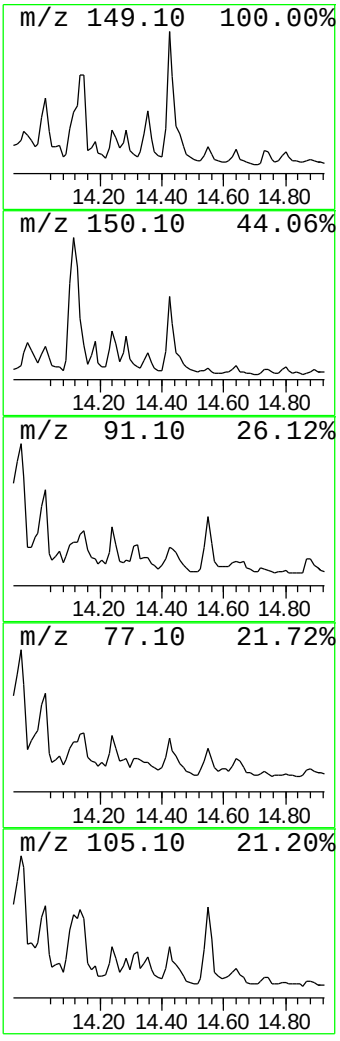
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, propyl 2-propylpe...	320	C19H28O4	1000377-91-8	35
2	Phthalic acid, propyl nonyl ester	334	C20H30O4	1000309-06-4	35
3	Phthalic acid, decyl propyl ester	348	C21H32O4	1000308-98-8	35
4	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	35
5	3-Nitrophenethyl alcohol, pentaf...	313	C11H8F5NO4	1000364-56-0	35











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087628.D
Acq On : 1 Jun 2016 21:27
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.07	7.07	90.2	ng	3505530	1	7.43	777483	20.0
Indane	7.68	33.7	ng	1311100	1	7.43	777483	20.0
o-Cymene	9.06	38.4	ng	1990040	2	9.45	1037900	20.0
7-Methylindan-1-one	11.11	51.5	ng	2899010	3	12.27	1124950	20.0
1H-Inden-1-one, 2...	11.82	23.9	ng	1345620	3	12.27	1124950	20.0
Ethanone, 1-(2,3-...	11.92	31.5	ng	1773210	3	12.27	1124950	20.0
unknown12.38	12.38	36.6	ng	2060930	3	12.27	1124950	20.0
1(2H)-Naphthaleno...	12.46	20.5	ng	1153510	3	12.27	1124950	20.0
Benzene, 1-methyl...	12.62	20.8	ng	1168580	3	12.27	1124950	20.0
unknown13.04	13.04	89.7	ng	5046740	3	12.27	1124950	20.0
3-Pentenoic acid,...	13.31	36.6	ng	2056880	3	12.27	1124950	20.0
unknown13.42	13.42	103.4	ng	5815100	3	12.27	1124950	20.0
unknown13.68	13.68	38.3	ng	1410660	4	14.69	735948	20.0
1-Naphthalenecarb...	13.74	45.3	ng	1665050	4	14.69	735948	20.0
unknown13.89	13.89	105.0	ng	3864740	4	14.69	735948	20.0
unknown13.94	13.94	75.6	ng	2783090	4	14.69	735948	20.0
p-Sec-butylphenyl...	14.02	35.3	ng	1299500	4	14.69	735948	20.0
unknown14.15	14.15	31.9	ng	1174850	4	14.69	735948	20.0
unknown14.42	14.42	29.6	ng	1089700	4	14.69	735948	20.0