LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

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-BF112916.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	2.344	3	5	7	rVB	2392867	3738510	2.47%	0.280%
2	2.401	7	10	14	rVB3	1607071	3866998	2.55%	0.290%
3	2.595	24	27	33	rVB3	902170	2278352	1.50%	0.171%
4	2.858	41	50	54	rVB	2586005	7399278	4.88%	0.554%
5	2.961	54	59	60	rBV	1611678	3788822	2.50%	0.284%
6	2.995	60	62	65	rVB	1636778	3121655	2.06%	0.234%
7	3.075	65	69	74	rVB2	1047695	2671158	1.76%	0.200%
8	3.235	74	83	92	rBV4	1230994	4755859	3.14%	0.356%
9	3.453	92	102	104	rBV	2500665	8533306	5.63%	0.639%
10	3.498	104	106	110	rVB	1328966	2768917	1.83%	0.207%
11	3.613	110	116	120	rBV2	2307323	6631202	4.37%	0.497%
12	3.693	120	123	128	rVB	743890	1821685	1.20%	0.136%
13	4.001	128	150	152	rBV2	15637588	151633308	100.00%	11.362%
14	4.047	152	154	156	rVB	7399095	11955930	7.88%	0.896%
15	4.173	159	165	167	rBV2	5956316	11022610	7.27%	0.826%
16	4.298	173	176	178	rBV2	2419518	5149032	3.40%	0.386%
17	4.344	178	180	183	rBV3	2154991	4416960	2.91%	0.331%
18	4.436	185	188	189	rBV	1092616	2570269	1.70%	0.193%
19	4.504	189	194	198	rVB2	9390237	22530769	14.86%	1.688%
20	4.596	198	202	206	rVB3	4592589	9231118	6.09%	0.692%
21	4.687	206	210	213	rVB	2617768	4373271	2.88%	0.328%
22	4.744	213	215	217	rBV2	968141	1606686	1.06%	0.120%
23	4.801	217	220	222	rBV	2103250	2720755	1.79%	0.204%
24	4.870	225	226	228	rBV	1102032	1519896	1.00%	0.114%
25	4.916	228	230	232	rVB	3185557	3799446	2.51%	0.285%
26	4.961	232	234	235	rBV	1789484	2827063	1.86%	0.212%
27	5.007	235	238	241	rVB2	6578400	12539892	8.27%	0.940%
28	5.064	241	243	245	rBV	2792214	3803809	2.51%	0.285%
29	5.133	245	249	251	rVB3	1399218	3039475	2.00%	0.228%
30	5.190	251	254	259	rVB3	986697	2610058	1.72%	0.196%
31	5.293	259	263	264	rBV2	1599375	4527859	2.99%	0.339%
32	5.361	264	269	275	rVV	10715117	51983000	34.28%	3.895%
33	5.556	275	286	287	rVV3	15122857	98357417	64.87%	7.370%
34	5.670	294	296	299	rBV2	2188051	3617474	2.39%	0.271%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.796	299	307	311	rVB3	15481039	77635358	51.20%	5.817%
36	5.864	311	313	315	rVB3	2900873	3699296	2.44%	0.277%
37	5.921	315	318	319	rBV2	3887950	5228489	3.45%	0.392%
38	5.956	319	321	325	rVB3	2822927	5046144	3.33%	0.378%
39	6.047	325	329	331	rBV3	6042499	12326022	8.13%	0.924%
40	6.139	335	337	340	rBV	5299353	8852878	5.84%	0.663%
41	6.196	340	342	344	rVB	1146655	1610241	1.06%	0.121%
42	6.356	351	356	359	rBV	6237343	20993106	13.84%	1.573%
43	6.459	359	365	369	rVV2	13441499	74360042	49.04%	5.572%
44	6.539	369	372	374	rVB2	12256902	25191451	16.61%	1.888%
45	6.607	374	378	380	rVB	12006959	23682472	15.62%	1.775%
46	6.676	380	384	385	rBV2	1850976	4616214	3.04%	0.346%
47	6.767	385	392	396	rVB3	14145431	61050594	40.26%	4.575%
48	6.859	396	400	402	rBV2	3473821	8430062	5.56%	0.632%
49	6.984	404	411	413	rVB3	11295329	33921573	22.37%	2.542%
50	7.087	413	420	422	rVB3	10646265	33282068	21.95%	2.494%
51	7.167	422	427	428	rBV2	11321294	29555618	19.49%	2.215%
52	7.247	430	434	436	rVB2	12386650	32028863	21.12%	2.400%
53	7.304	436	439	441	rVB2	7939429	11625000	7.67%	0.871%
54	7.384	441	446	447	rBV	8748226	22029981	14.53%	1.651%
55	7.453	449	452	453	rBV	8907388	19227687	12.68%	1.441%
56	7.487	453	455	458	rVB2	10853554	23290592	15.36%	1.745%
57	7.544	458	460	462	rBV2	3932390	6398757	4.22%	0.479%
58	7.590	462	464	468	rVB3	5629894	10715910	7.07%	0.803%
59	7.682	468	472	473	rBV	10230749	23715921	15.64%	1.777%
60	7.750	476	478	479	rBV2	1819776	2336437	1.54%	0.175%
61	7.796	479	482	483	rBV2	3720277	7164840	4.73%	0.537%
62	7.853	483	487	490	rVB4	9242970	25015618	16.50%	1.874%
63	7.933	490	494	497	rBV3	10744886	31902548	21.04%	2.390%
64	8.002	497	500	501	rVB2	3317641	6502458	4.29%	0.487%
65	8.059	503	505	507	rVB	4467532	5763665	3.80%	0.432%
66	8.173	508	515	516	rBV2	12276845	31159135	20.55%	2.335%
67	8.265	522	523	524	rVB	6767604	4639193	3.06%	0.348%
68	8.345	527	530	531	rBV2	2847526	4996976	3.30%	0.374%
69	8.447	534	539	544	rBV6	9025714	27396615	18.07%	2.053%
70	8.516	544	545	547	rVV2	3241128	5252358	3.46%	0.394%
71	8.562	547	549	550	rVV2	5821066	7935815	5.23%	0.595%

LSC Area Percent Report

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Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.596	550	552	553	rVV	2966406	4571186	3.01%	0.343%
73	8.642	553	556	557	rVV	4301940	7465448	4.92%	0.559%
74	8.676	557	559	560	rVV	4257190	5714818	3.77%	0.428%
75	8.710	560	562	565	rVV3	3155435	7097915	4.68%	0.532%
76	8.767	565	567	569	rVV3	8534975	12702115	8.38%	0.952%
77	8.813	569	571	574	rVV3	1159475	2572377	1.70%	0.193%
78	8.893	574	578	583	rVB	10244534	19035279	12.55%	1.426%
79	8.985	583	586	587	rBV	7528910	9847365	6.49%	0.738%
80	9.065	590	593	594	rVB2	1539179	2598268	1.71%	0.195%
81	9.110	594	597	600	rVB4	1494943	2919071	1.93%	0.219%
82	9.202	602	605	606	rBV2	1417858	2626697	1.73%	0.197%
83	9.236	606	608	610	rVB	6397291	7166914	4.73%	0.537%
84	9.316	613	615	617	rBV2	2768963	3104951	2.05%	0.233%
85	9.396	617	622	623	rBV3	1702819	3231325	2.13%	0.242%
86	9.430	623	625	627	rVB	2489248	3342562	2.20%	0.250%
87	9.499	627	631	632	rBV2	1961199	3920690	2.59%	0.294%
88	9.568	632	637	638	rBV2	2149169	3472992	2.29%	0.260%
89	9.682	644	647	649	rVB2	986612	1866820	1.23%	0.140%
90	9.785	652	656	657	rBV2	1761685	3097441	2.04%	0.232%
91	9.899	663	666	668	rBV2	1504564	2103600	1.39%	0.158%
92	10.688	732	735	737	rVB2	3359497	4239452	2.80%	0.318%
93	11.385	794	796	797	rBV	2136846	1940014	1.28%	0.145%
94	12.974	932	935	937	rBV	5883905	5912145	3.90%	0.443%
95	13.808	1006	1008	1010	rBV	1523987	2423242	1.60%	0.182%
96	13.842	1010	1011	1013	rVB	5176772	3964145	2.61%	0.297%
97	14.014	1024	1026	1031	rVB	1858305	1853604	1.22%	0.139%

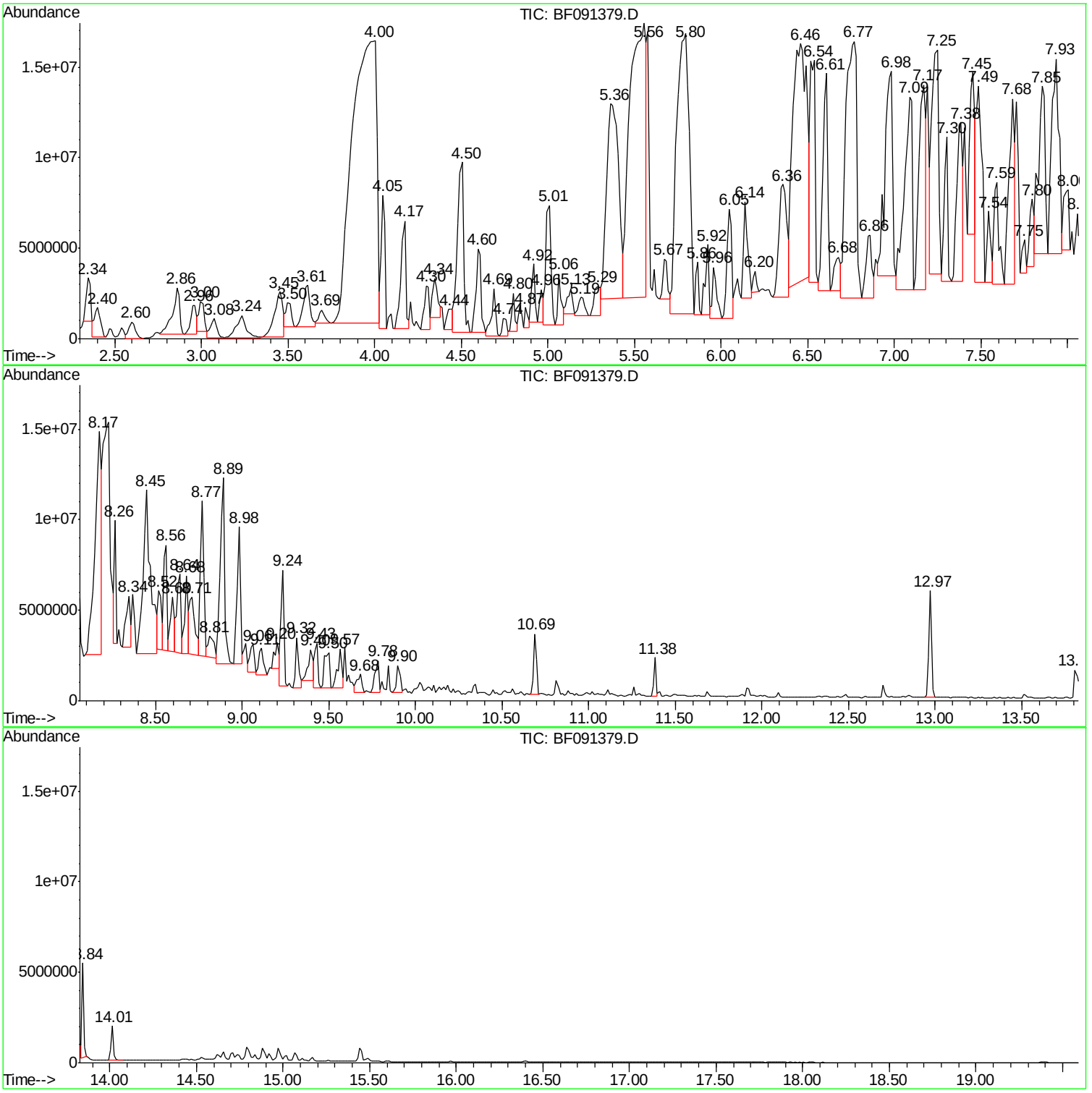
Sum of corrected areas: 1334582272

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

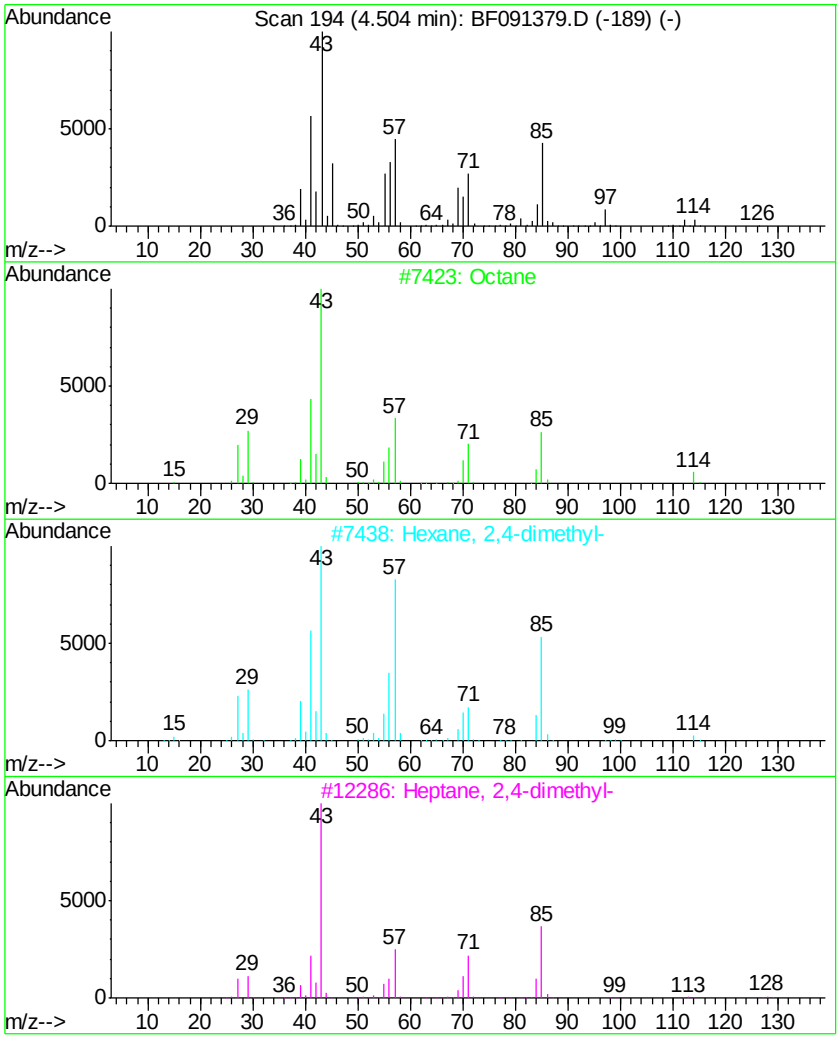
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

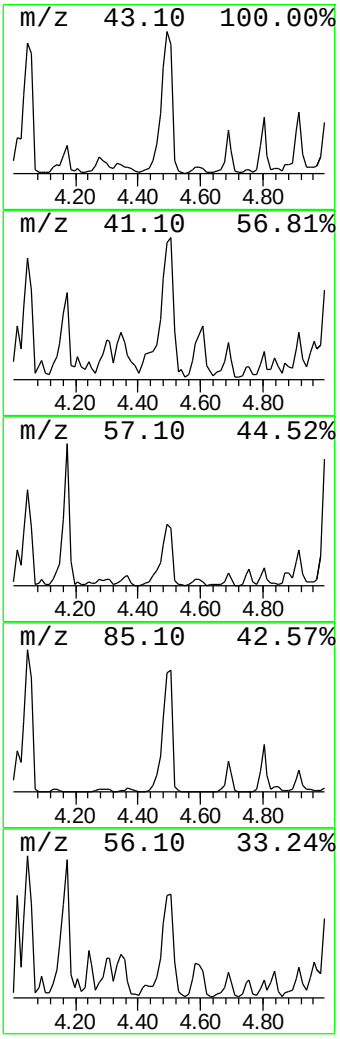
****

Peak Number 2 Octane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	53.45 ng	22530800	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	72
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	62
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	50
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

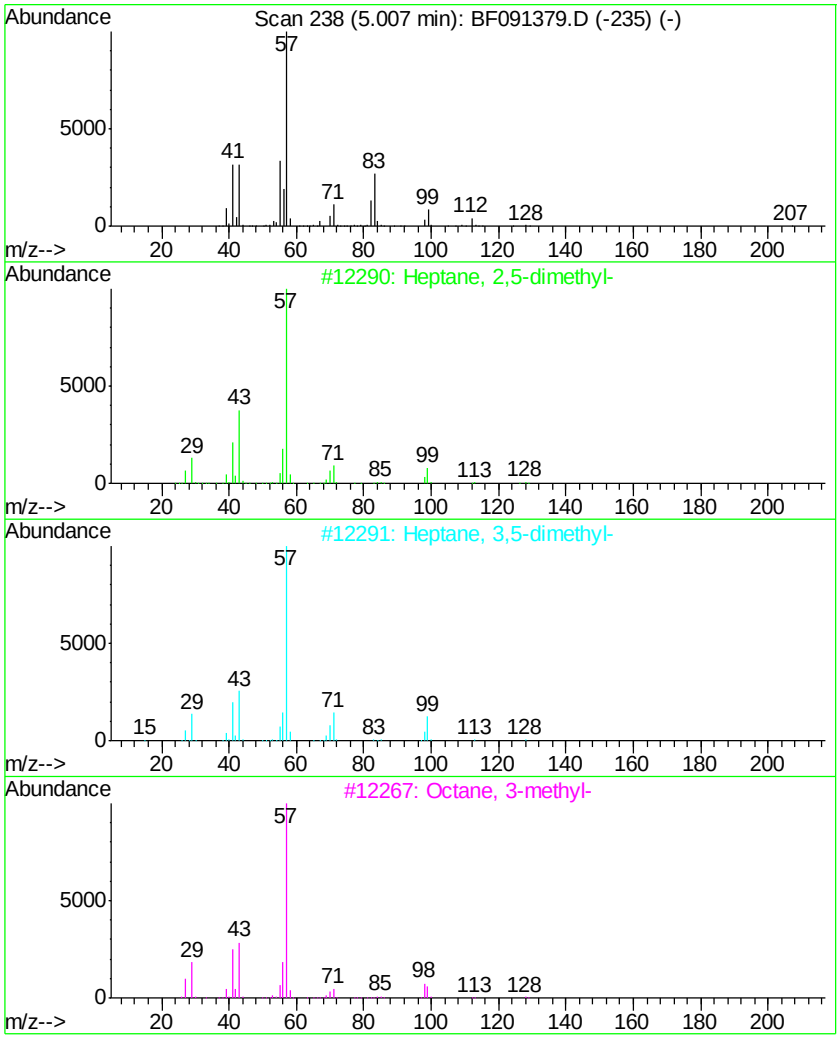
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

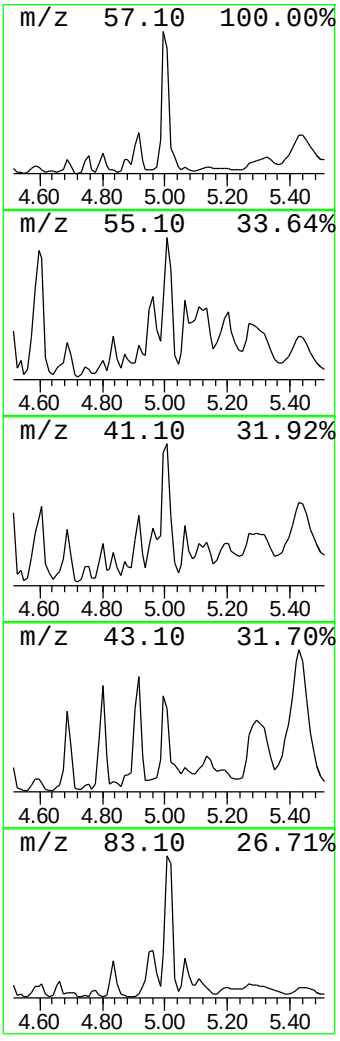
****

Peak Number 3 unknown5.01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	29.75 ng	12539900	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	49
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
3	Octane, 3-methyl-	128	C9H20	002216-33-3	43
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	38
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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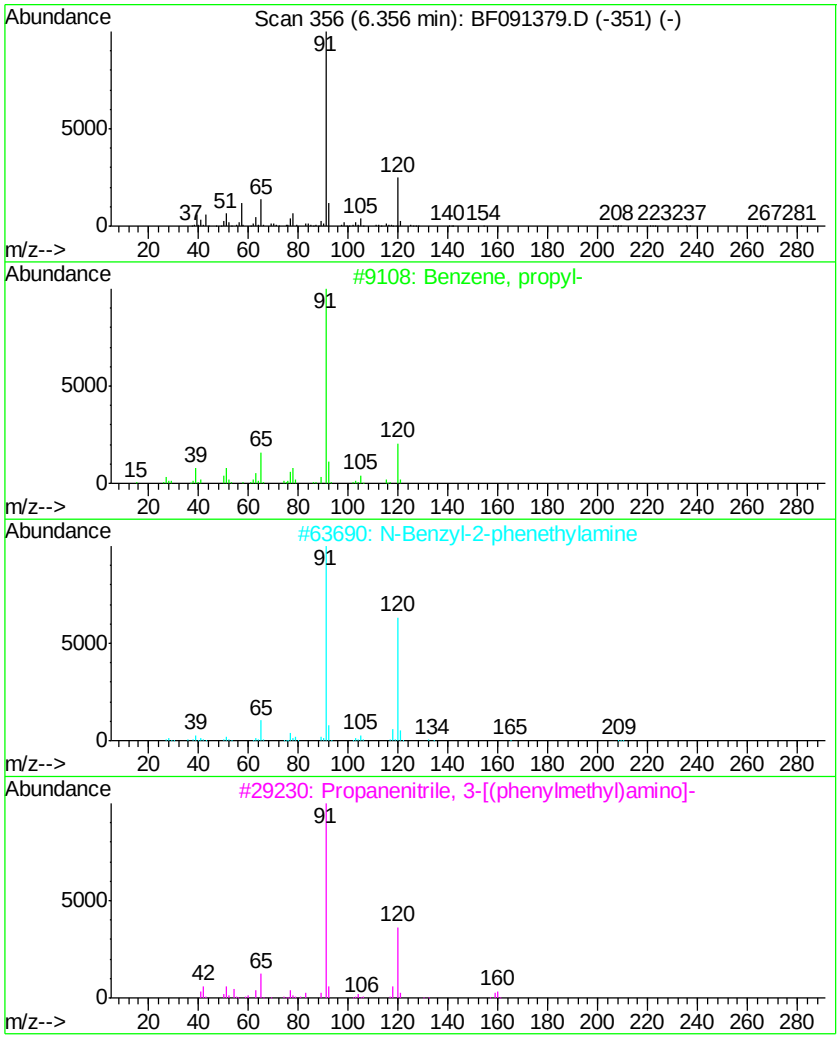
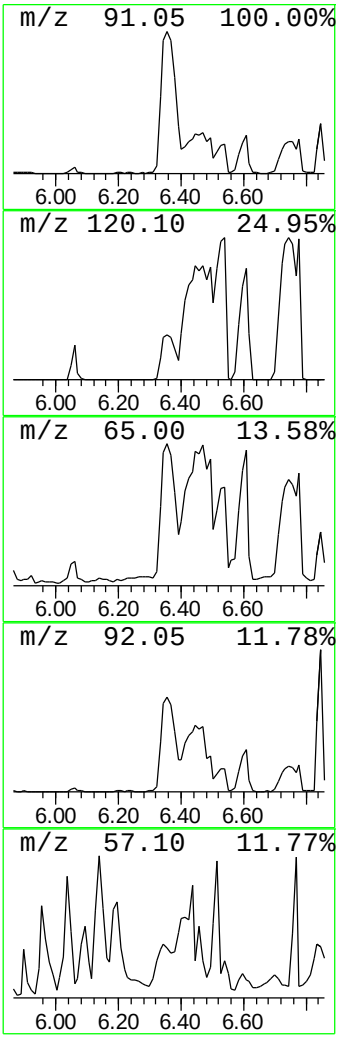
Peak Number 7 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	49.81 ng	20993100	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	50
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	43
5	Benzyl 2-chloroethyl sulfone	218	C9H11ClO2S	066998-67-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

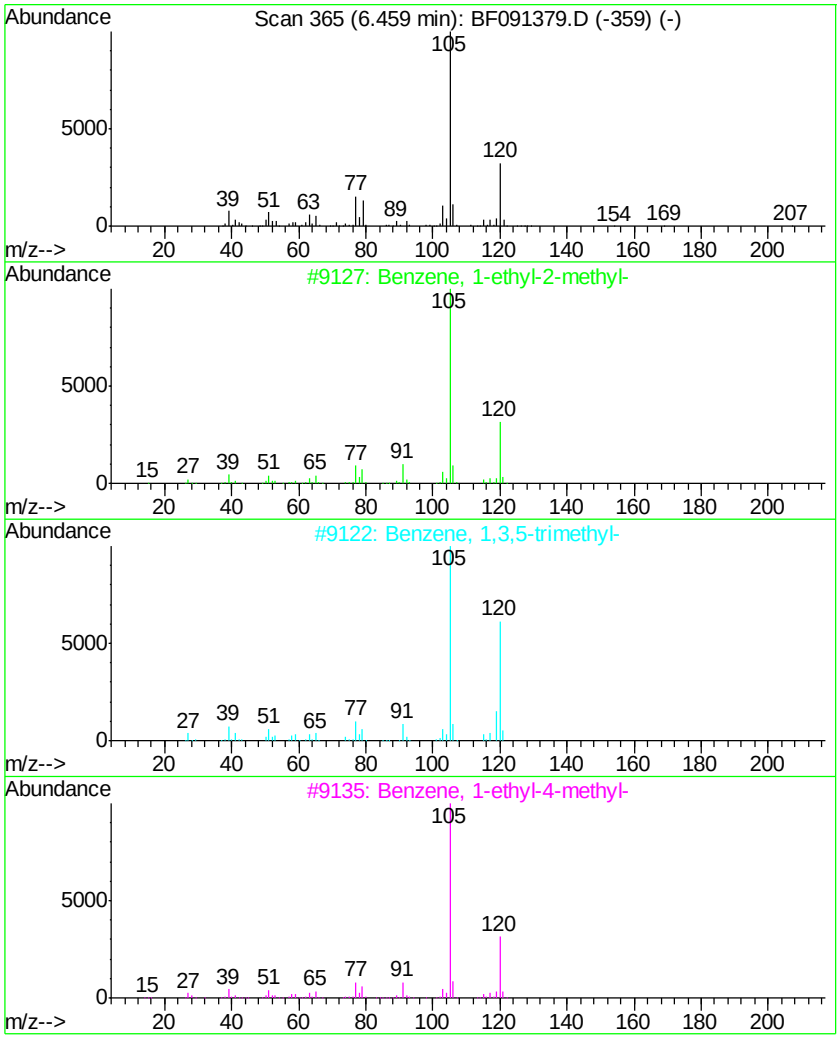
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

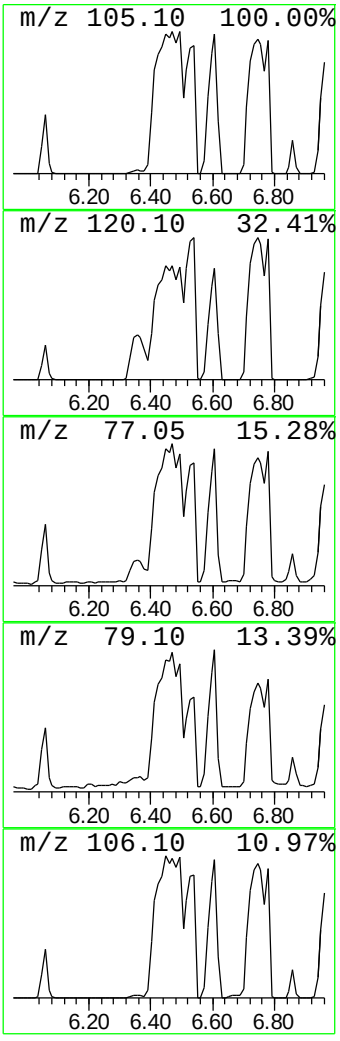
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	176.42 ng	74360000	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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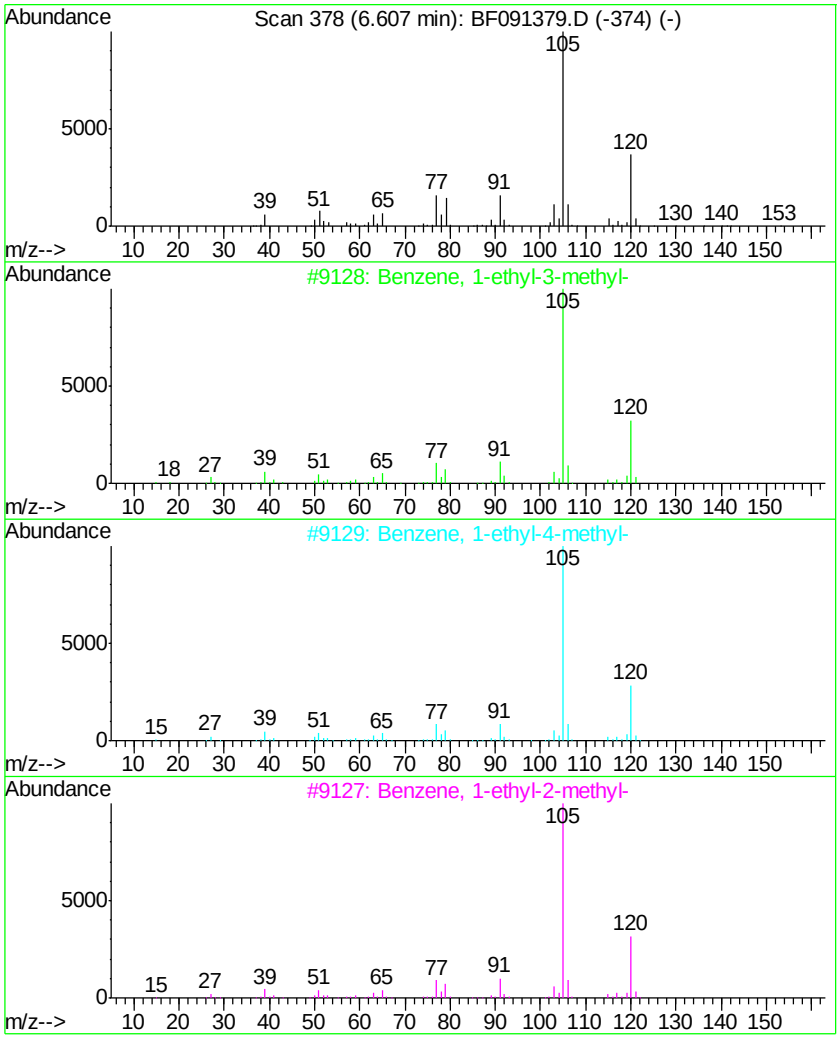
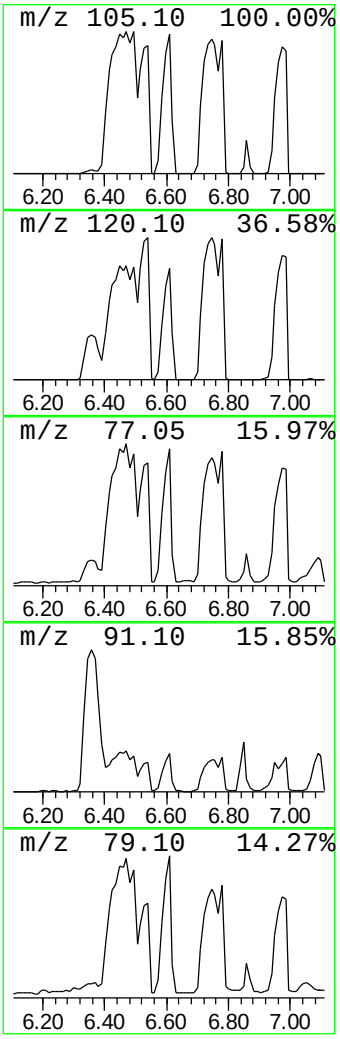
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	56.19 ng	23682500	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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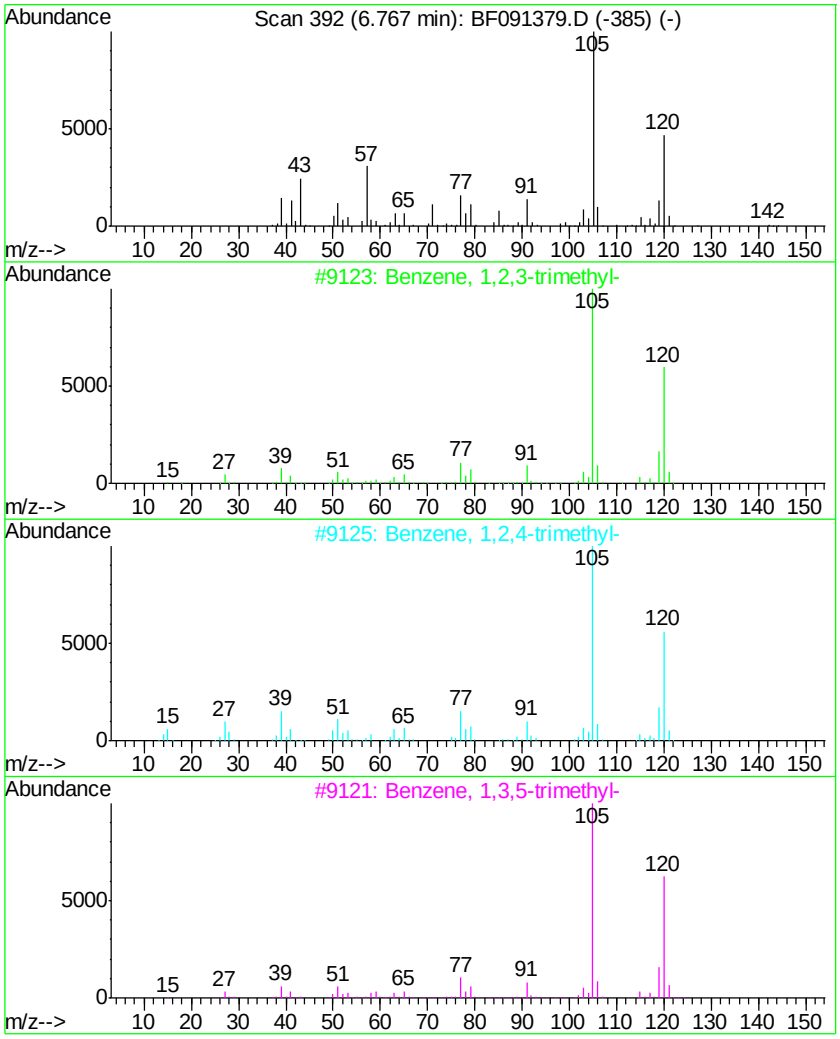
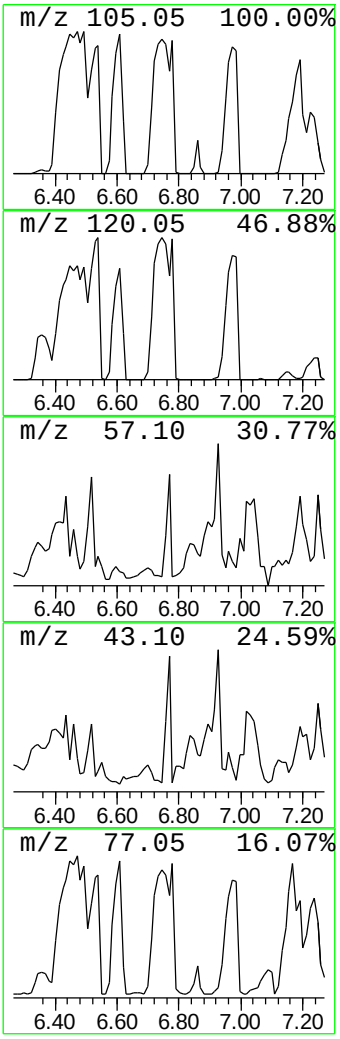
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	144.84 ng	61050600	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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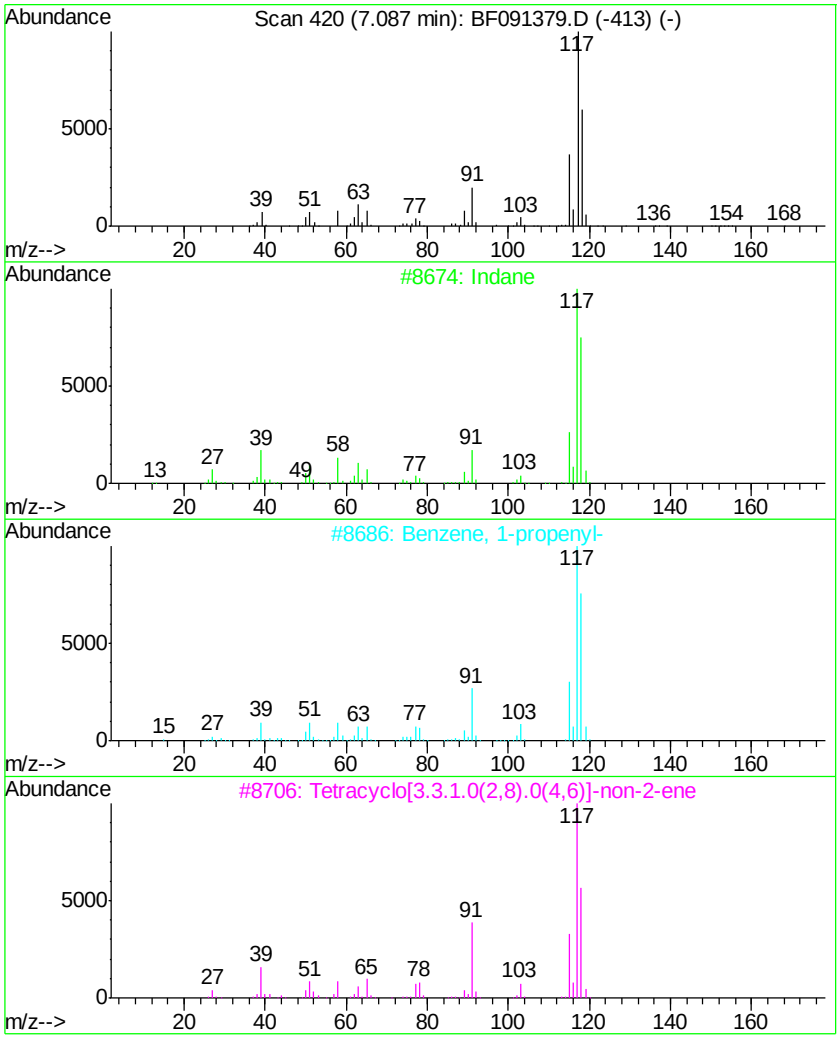
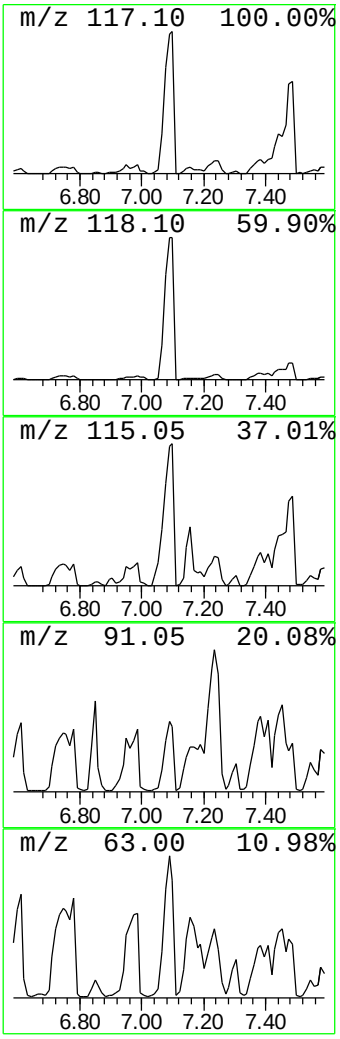
Peak Number 12 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	78.96 ng	33282100	1,4-Dichlorobenzene-d4	6.90

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	76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





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Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

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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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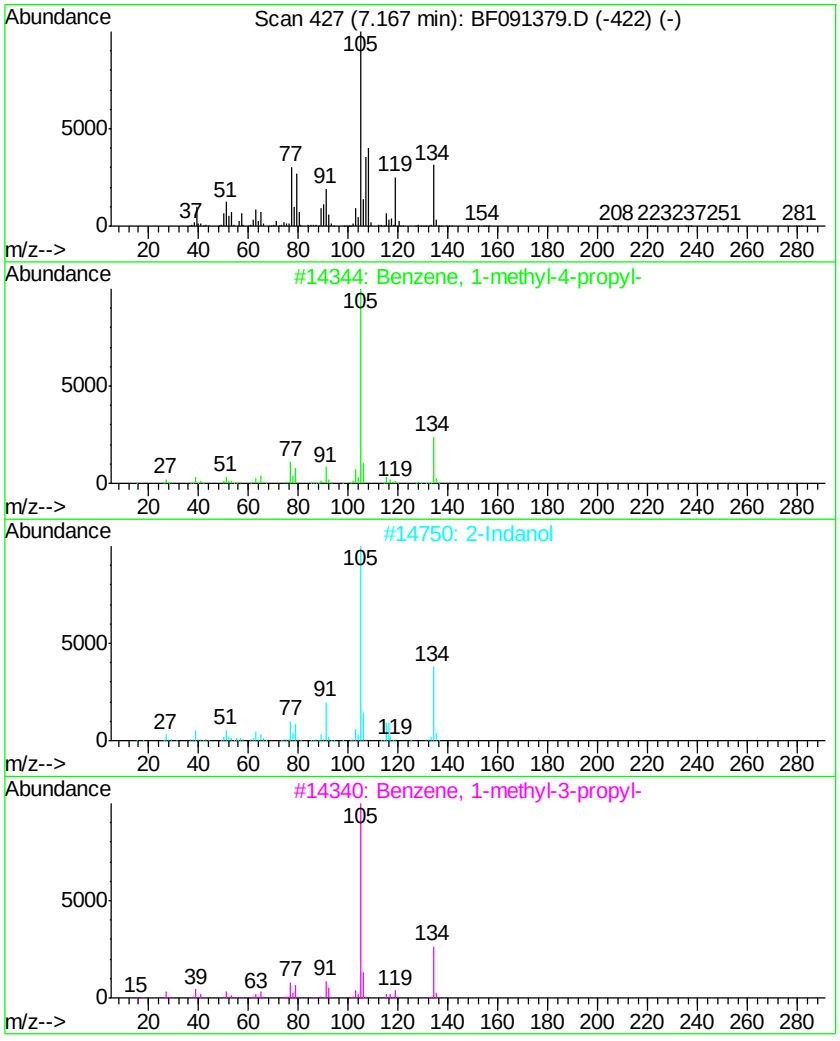
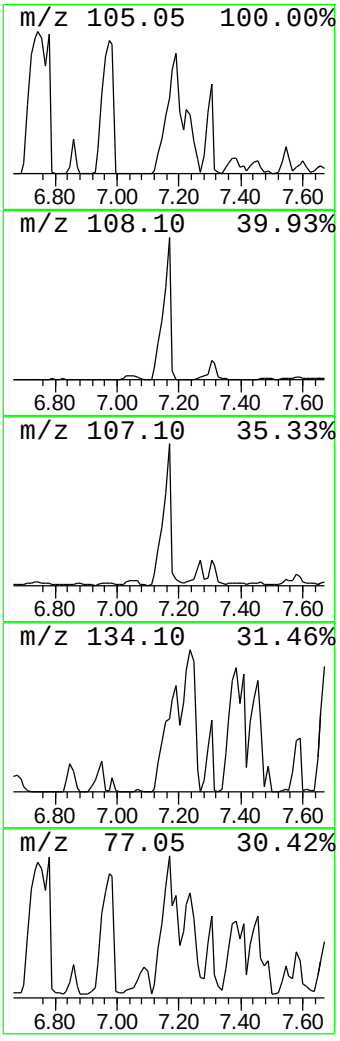
Peak Number 13 unknown7.17 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	70.12 ng	29555600	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
2	2-Indanol	134	C9H10O	004254-29-9	45
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	41
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	41
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38





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Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

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

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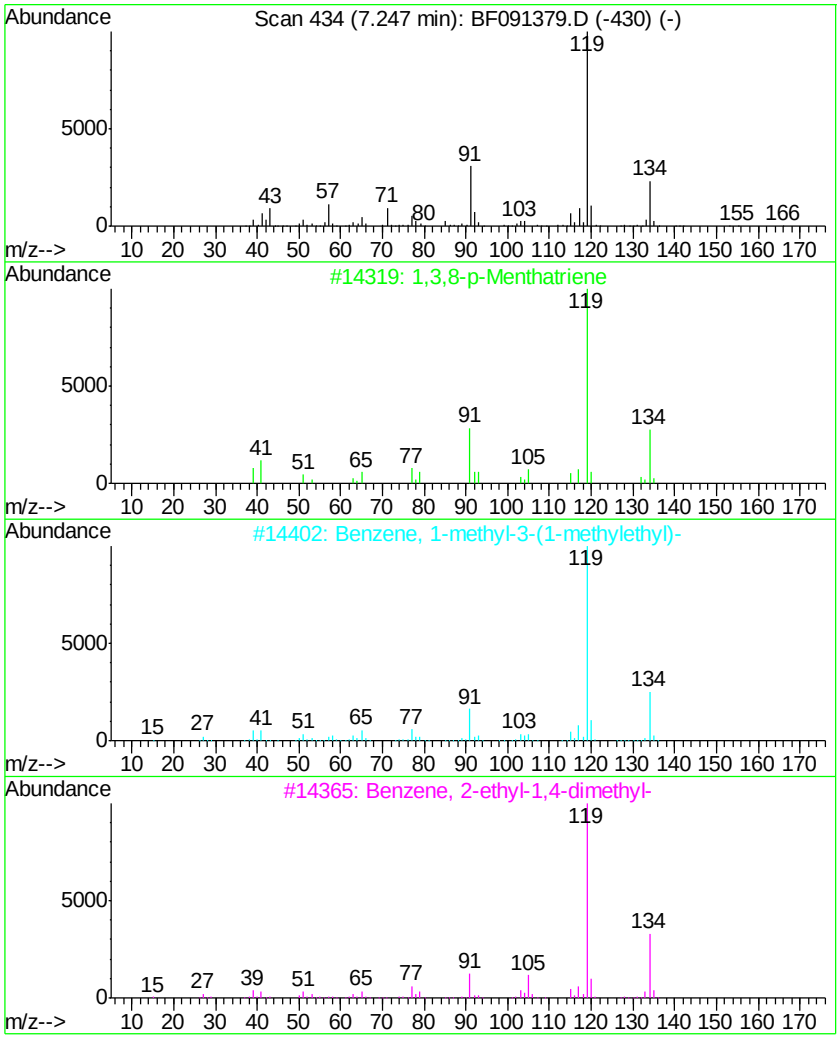
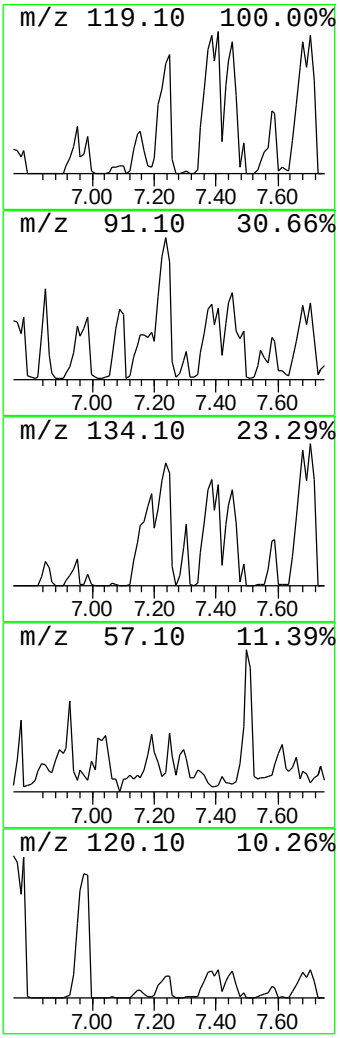
Peak Number 14 1,3,8-p-Menthatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	75.99 ng	32028900	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	83
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	74





Library Search Compound Report

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Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

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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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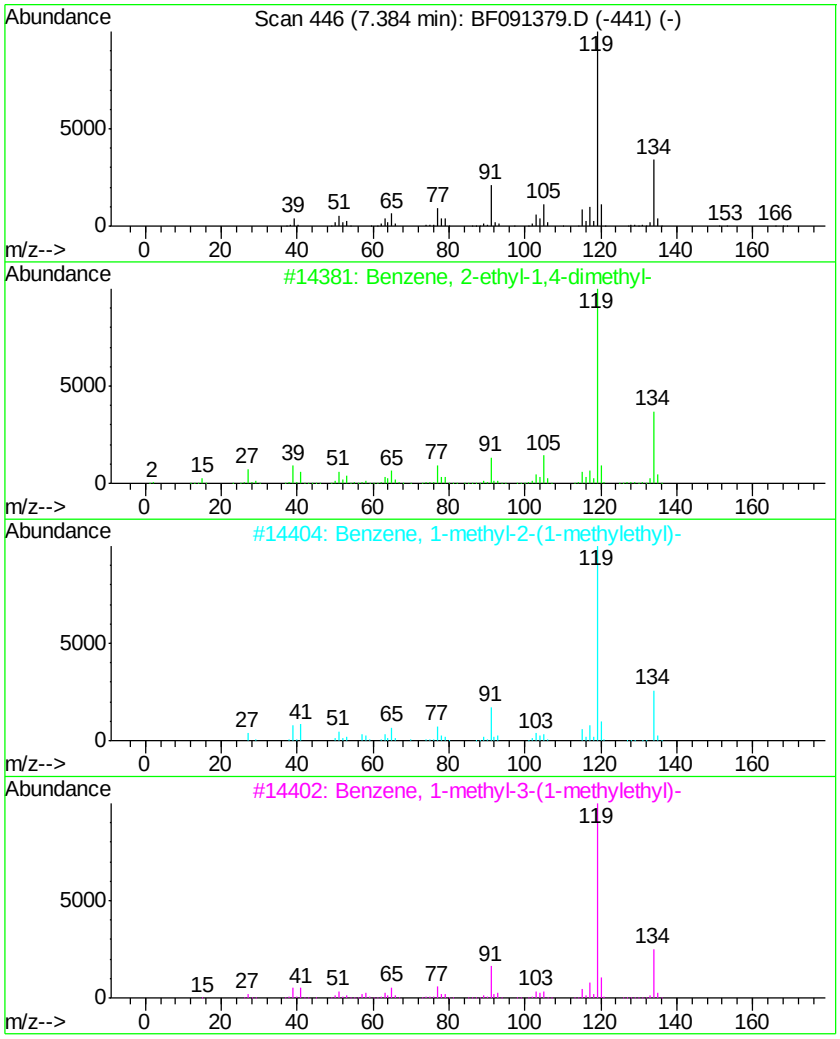
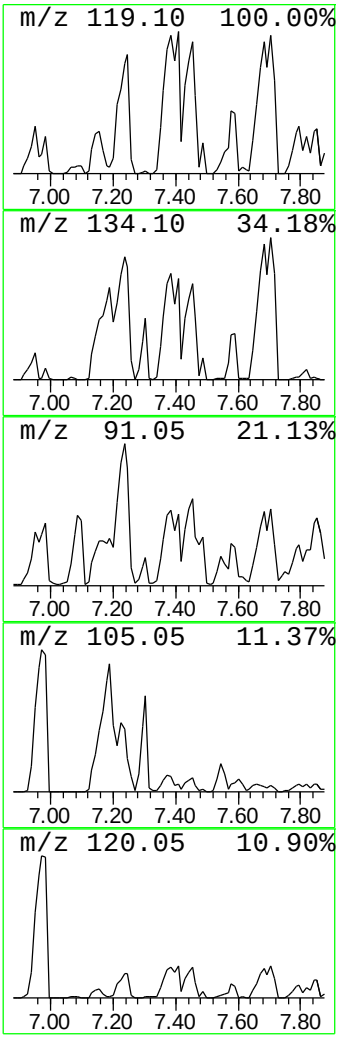
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	52.27 ng	22030000	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

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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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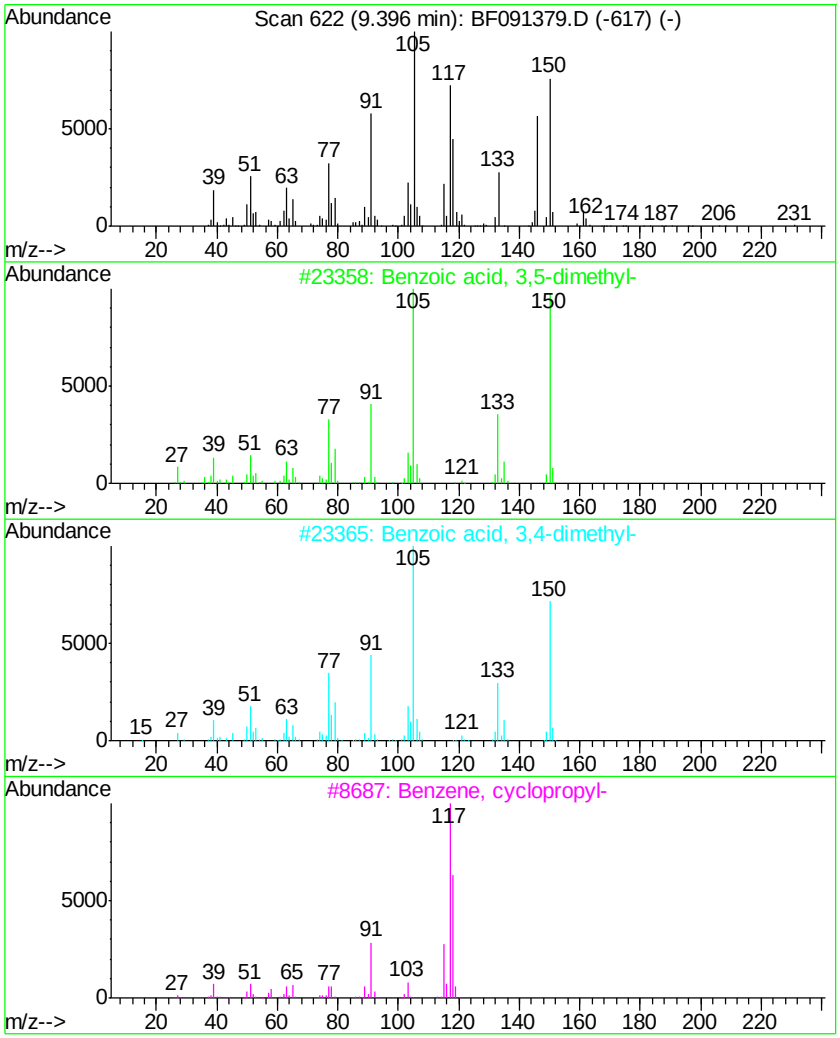
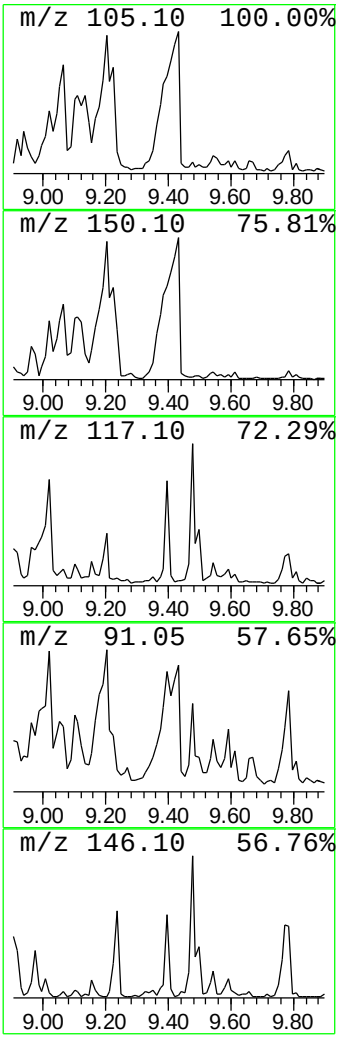
Peak Number 16 Benzoic acid, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	30.72 ng	3231330	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	89
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	86
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	43
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	43
5	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	43





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Acq On : 1 Dec 2016 18:11
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Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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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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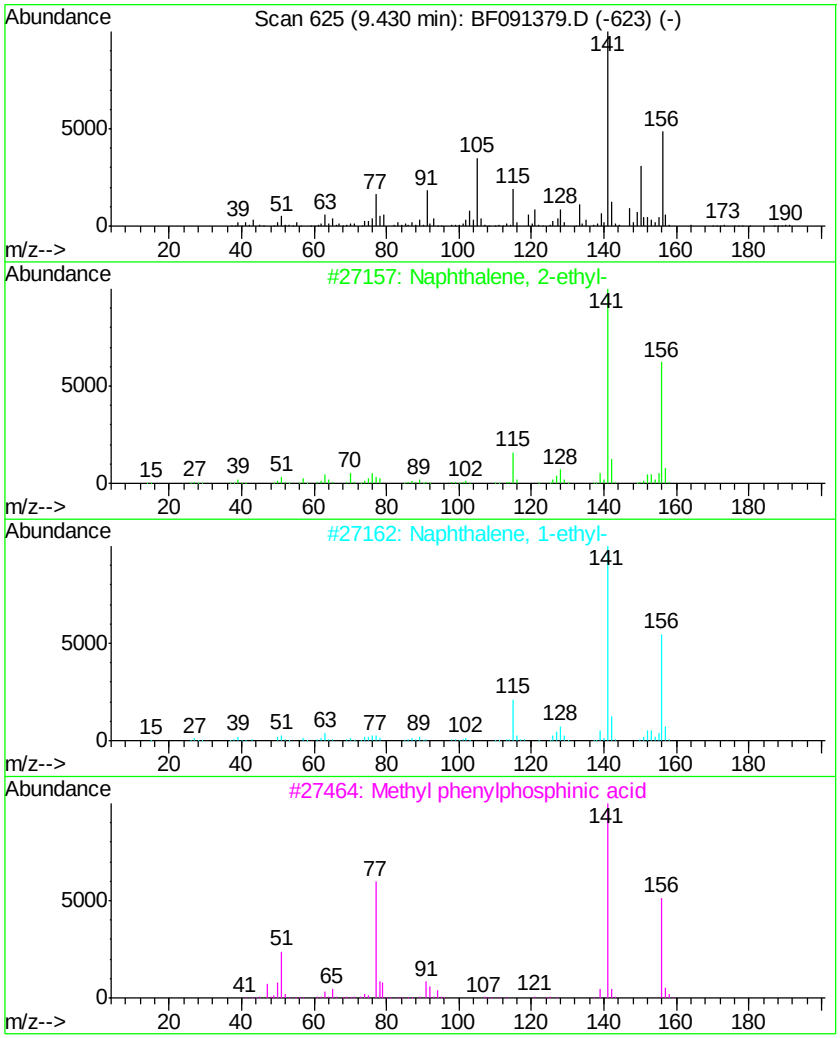
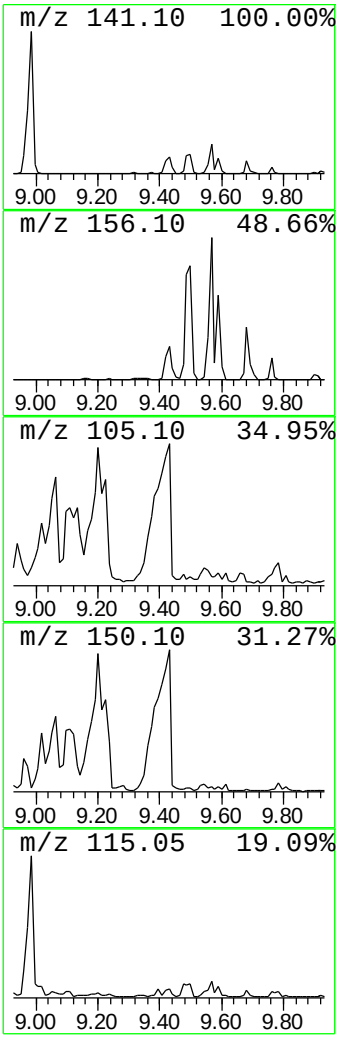
Peak Number 17 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	31.78 ng	3342560	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	92
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	86
3	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	47
4	Butethal	212	C10H16N2O3	000077-28-1	47
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	47





Library Search Compound Report

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Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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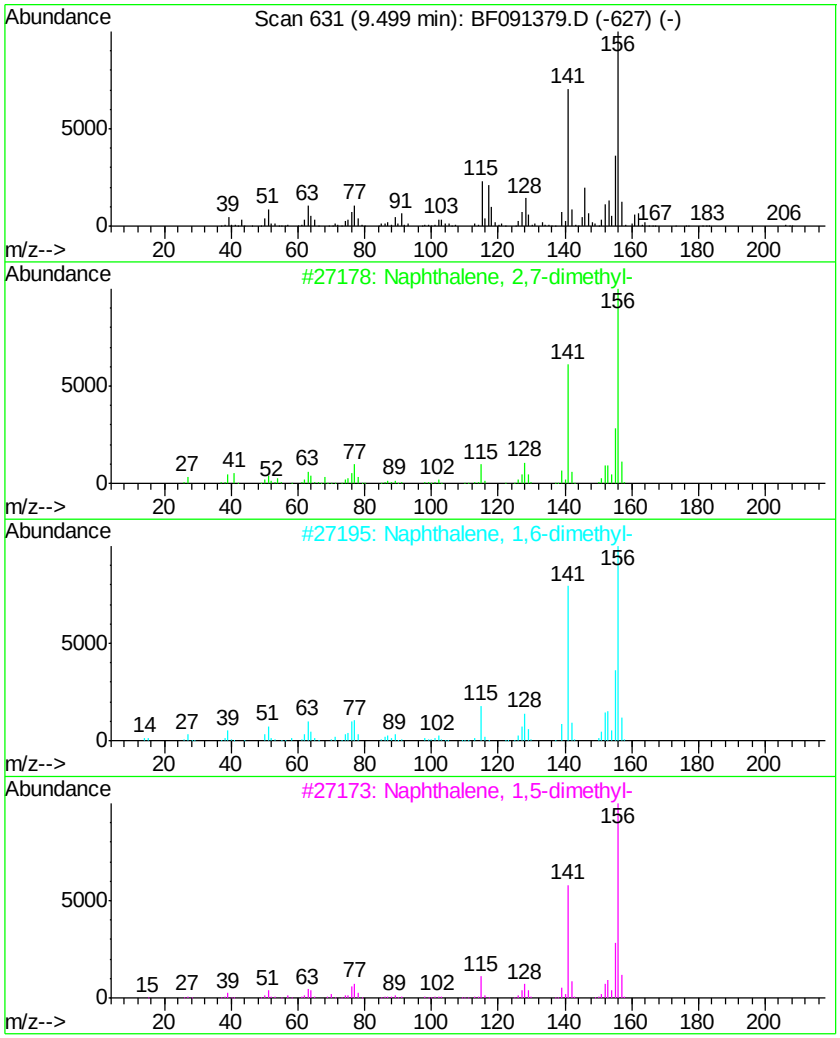
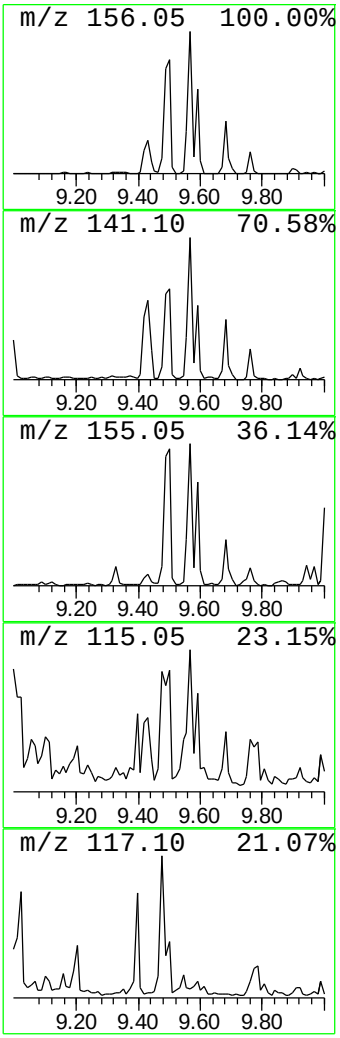
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	37.28 ng	3920690	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Sample : H5801-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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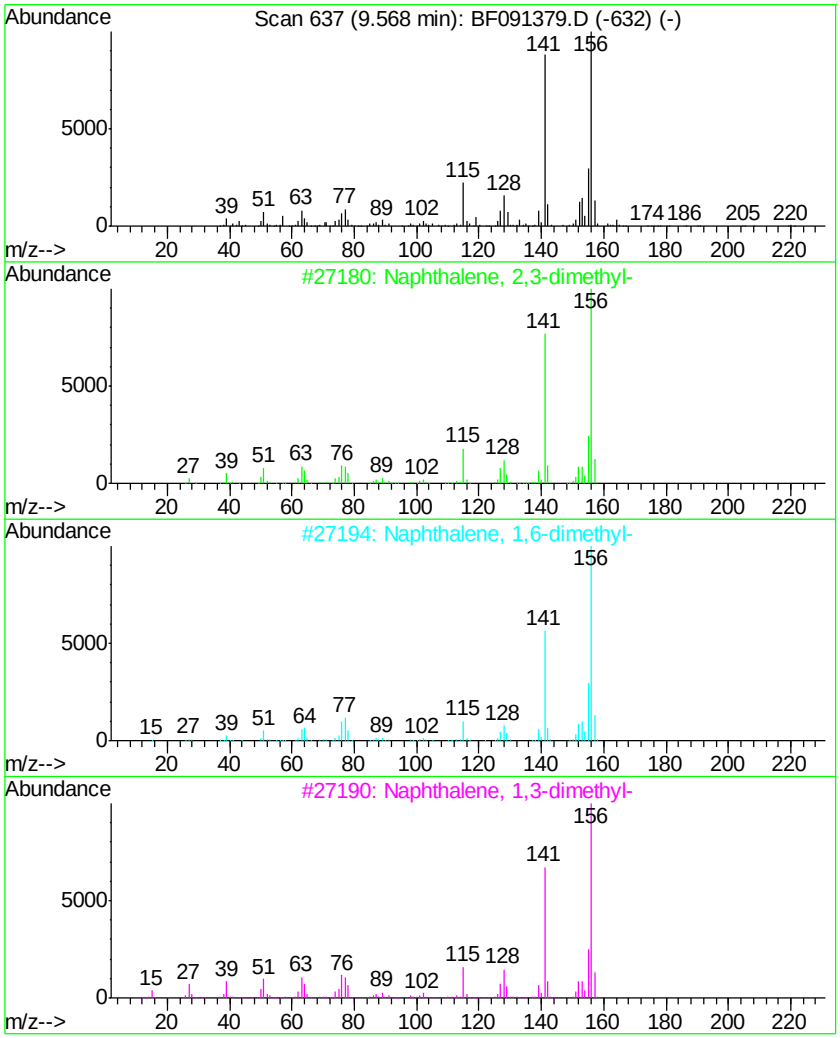
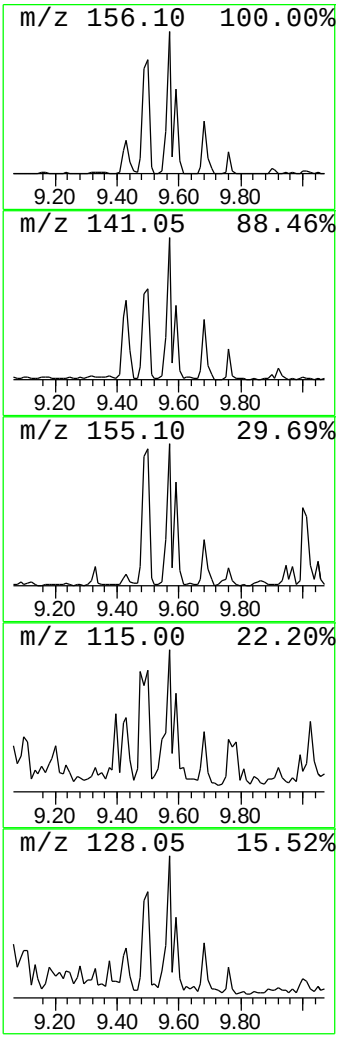
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	33.02 ng	3472990	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Instrument : BNA_F
ClientSampleId : MW-5A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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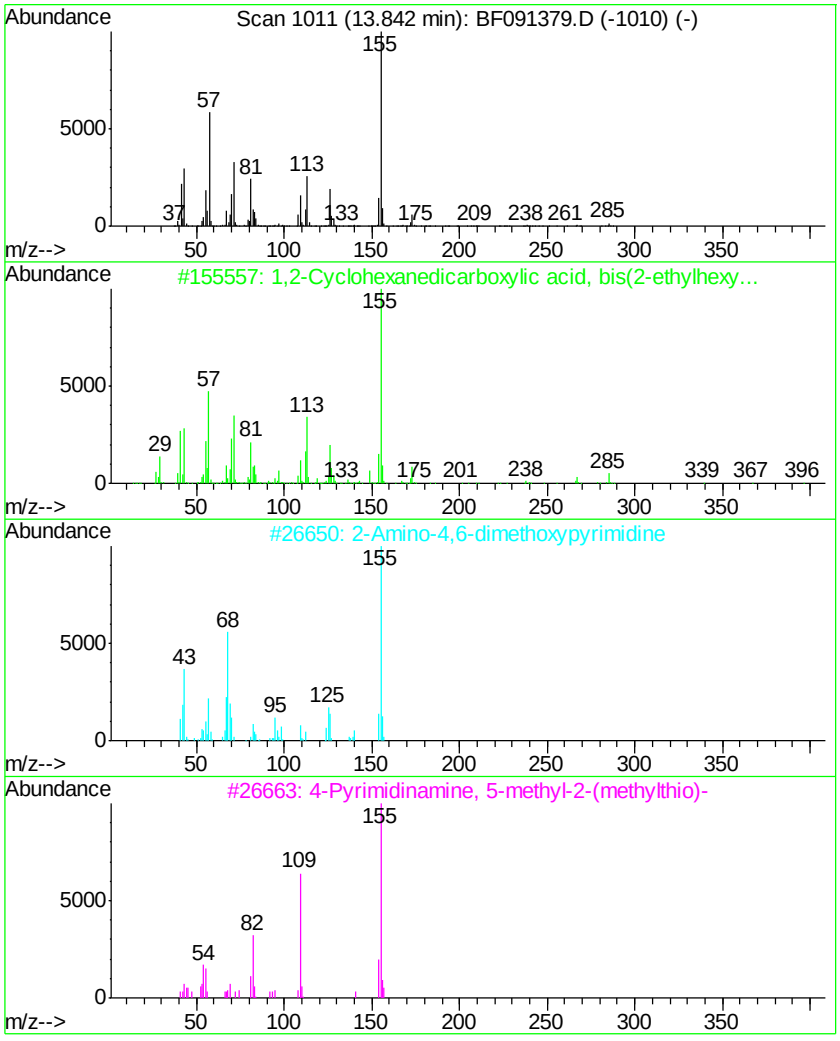
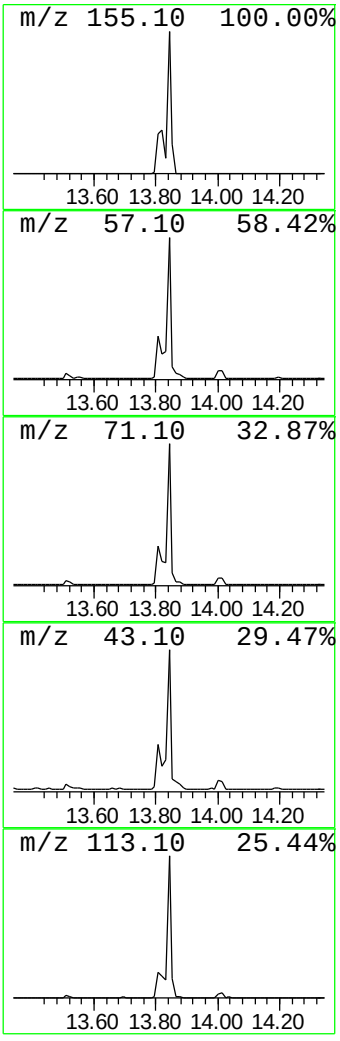
Peak Number 20 1,2-Cyclohexanedicarboxylic... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	42.77 ng	3964150	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	000084-71-9	90
2	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	50
3	4-Pyrimidinamine, 5-methyl-2-(me...	155	C6H9N3S	054308-64-4	47
4	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	40
5	Butanal, dibutylhydrazone	198	C12H26N2	067660-51-9	38





Tentatively Identified Compound (LSC) summary

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Data File : BF091379.D
Acq On : 1 Dec 2016 18:11
Operator : UM/SJ
Sample : H5801-05
Misc :
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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
Octane	4.50	53.5	ng	22530800	1	6.90	8430060	20.0
unknown5.01	5.01	29.8	ng	12539900	1	6.90	8430060	20.0
Benzene, propyl-	6.36	49.8	ng	20993100	1	6.90	8430060	20.0
Benzene, 1-ethyl-...	6.46	176.4	ng	74360000	1	6.90	8430060	20.0
Benzene, 1-ethyl-...	6.61	56.2	ng	23682500	1	6.90	8430060	20.0
Benzene, 1,2,3-tr...	6.77	144.8	ng	61050600	1	6.90	8430060	20.0
Indane	7.09	79.0	ng	33282100	1	6.90	8430060	20.0
unknown7.17	7.17	70.1	ng	29555600	1	6.90	8430060	20.0
1,3,8-p-Menthatriene	7.25	76.0	ng	32028900	1	6.90	8430060	20.0
Benzene, 2-ethyl-...	7.38	52.3	ng	22030000	1	6.90	8430060	20.0
Benzoic acid, 3,5...	9.40	30.7	ng	3231330	3	9.90	2103600	20.0
Naphthalene, 2-et...	9.43	31.8	ng	3342560	3	9.90	2103600	20.0
Naphthalene, 2,7-...	9.50	37.3	ng	3920690	3	9.90	2103600	20.0
Naphthalene, 2,3-...	9.57	33.0	ng	3472990	3	9.90	2103600	20.0
1,2-Cyclohexanedi...	13.84	42.8	ng	3964150	5	14.01	1853600	20.0