LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF122116.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	2.487	24	35	40	rVB	331119	852192	10.99%	0.723%
2	2.818	63	64	67	rVV	90905	150602	1.94%	0.128%
3	3.058	81	85	89	rVB	133628	265536	3.42%	0.225%
4	3.435	110	118	122	rBV	146502	331577	4.27%	0.281%
5	3.515	122	125	130	rVB	217838	455123	5.87%	0.386%
6	3.767	143	147	150	rBV	128231	268633	3.46%	0.228%
7	4.167	180	182	190	rVB2	145178	273056	3.52%	0.232%
8	4.293	190	193	198	rVB2	207573	336024	4.33%	0.285%
9	4.578	212	218	219	rBV	92769	200122	2.58%	0.170%
10	4.647	222	224	226	rVV	115559	149864	1.93%	0.127%
11	4.738	230	232	235	rVV2	184405	281347	3.63%	0.239%
12	4.818	235	239	243	rVV	629776	930002	11.99%	0.789%
13	5.093	261	263	266	rVB	273395	370451	4.78%	0.314%
14	5.218	271	274	278	rBV2	372642	929346	11.98%	0.788%
15	5.287	278	280	282	rBV	2007973	2889111	37.25%	2.451%
16	5.424	288	292	296	rBV5	159930	395523	5.10%	0.336%
17	5.493	296	298	301	rBV3	121335	243076	3.13%	0.206%
18	5.664	311	313	315	rBV2	89453	164182	2.12%	0.139%
19	5.699	315	316	320	rVB2	99940	184464	2.38%	0.156%
20	5.824	323	327	330	rBV	615628	816055	10.52%	0.692%
21	5.984	339	341	343	rBV3	140204	264199	3.41%	0.224%
22	6.133	352	354	356	rVB	418517	520126	6.71%	0.441%
23	6.190	356	359	361	rBV3	104367	182311	2.35%	0.155%
24	6.304	368	369	370	rVV	174916	214447	2.76%	0.182%
25	6.339	370	372	376	rVB2	2131622	2331255	30.06%	1.978%
26	6.453	379	382	384	rVV	5049659	4766072	61.45%	4.043%
27	6.510	385	387	390	rVB3	127561	248700	3.21%	0.211%
28	6.601	394	395	397	rBV2	153849	261604	3.37%	0.222%
29	6.636	397	398	400	rVB2	151059	159383	2.05%	0.135%
30	6.681	400	402	404	rBV	1469683	1482750	19.12%	1.258%
31	6.841	413	416	420	rBV2	4181173	7756229	100.00%	6.580%
32	6.933	423	424	427	rVB2	815236	823261	10.61%	0.698%
33	7.024	429	432	434	rBV2	569847	949598	12.24%	0.806%
34	7.082	434	437	439	rBV2	177303	262426	3.38%	0.223%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.230	445	450	451	rBV2	2143366	3876632	49.98%	3.289%
36	7.253	451	452	455	rVV2	4628005	4406033	56.81%	3.738%
37	7.333	455	459	461	rVV5	443017	569093	7.34%	0.483%
38	7.379	461	463	464	rVV	392941	408398	5.27%	0.346%
39	7.402	464	465	467	rVB	118751	159396	2.06%	0.135%
40	7.459	467	470	472	rBV	1702516	1708638	22.03%	1.450%
41	7.527	474	476	479	rBV3	187088	297071	3.83%	0.252%
42	7.584	479	481	482	rBV	165826	247254	3.19%	0.210%
43	7.642	482	486	489	rVB3	1329008	2169871	27.98%	1.841%
44	7.710	489	492	494	rBV	4625534	5073825	65.42%	4.304%
45	7.756	494	496	497	rVV2	266241	442094	5.70%	0.375%
46	7.813	497	501	502	rVB2	982564	1553418	20.03%	1.318%
47	7.847	502	504	506	rBV2	285625	510065	6.58%	0.433%
48	7.904	506	509	512	rVV2	408892	901803	11.63%	0.765%
49	7.962	512	514	518	rVV3	2732338	5390258	69.50%	4.573%
50	8.019	518	519	521	rVV	1311428	1081704	13.95%	0.918%
51	8.064	521	523	525	rVV2	353248	390213	5.03%	0.331%
52	8.122	525	528	530	rVV2	255521	602715	7.77%	0.511%
53	8.167	530	532	533	rVV	605005	653878	8.43%	0.555%
54	8.213	533	536	537	rVV2	806248	962435	12.41%	0.816%
55	8.247	537	539	542	rVV3	429020	803679	10.36%	0.682%
56	8.316	542	545	546	rVV2	177135	313094	4.04%	0.266%
57	8.350	546	548	551	rVV	522573	804891	10.38%	0.683%
58	8.396	551	552	553	rVV	126666	162859	2.10%	0.138%
59	8.442	553	556	557	rVV	675869	905812	11.68%	0.768%
60	8.476	557	559	562	rVV2	874762	1145084	14.76%	0.971%
61	8.533	562	564	565	rVV2	258957	346652	4.47%	0.294%
62	8.556	565	566	568	rVV2	346910	505940	6.52%	0.429%
63	8.636	568	573	574	rVV	931456	1699810	21.92%	1.442%
64	8.682	574	577	579	rVV	2226918	2468968	31.83%	2.095%
65	8.750	581	583	584	rVV	372602	565535	7.29%	0.480%
66	8.785	584	586	588	rVV	3360379	4167872	53.74%	3.536%
67	8.876	591	594	596	rVV4	228601	589189	7.60%	0.500%
68	8.922	596	598	601	rVV2	544337	997434	12.86%	0.846%
69	8.979	601	603	606	rVV3	536801	1142856	14.73%	0.970%
70	9.047	606	609	615	rVV	6752202	7586402	97.81%	6.436%
71	9.162	615	619	620	rVV3	150517	338196	4.36%	0.287%

LSC Area Percent Report

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Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.207	620	623	625	rVV2	306796	713496	9.20%	0.605%
73	9.253	625	627	628	rVV	236740	328894	4.24%	0.279%
74	9.310	628	632	634	rVV	1056345	1585269	20.44%	1.345%
75	9.379	634	638	643	rVV3	1481885	3726916	48.05%	3.162%
76	9.447	643	644	645	rVV	330392	318509	4.11%	0.270%
77	9.493	645	648	653	rVV3	483291	1064504	13.72%	0.903%
78	9.573	653	655	658	rVB3	240362	426262	5.50%	0.362%
79	9.653	658	662	665	rBV5	159464	439383	5.66%	0.373%
80	9.722	665	668	670	rVV	2168247	2673312	34.47%	2.268%
81	9.825	673	677	679	rVB4	221501	437826	5.64%	0.371%
82	10.042	693	696	697	rBV2	118317	162361	2.09%	0.138%
83	10.099	700	701	703	rBV	389362	311853	4.02%	0.265%
84	10.190	708	709	711	rVV2	149628	287980	3.71%	0.244%
85	10.259	713	715	719	rVV2	201394	433329	5.59%	0.368%
86	10.350	719	723	725	rVV4	125387	345340	4.45%	0.293%
87	10.396	725	727	730	rVV3	141968	333712	4.30%	0.283%
88	10.453	730	732	734	rVV2	164968	276064	3.56%	0.234%
89	10.510	734	737	739	rVV	4196603	4618107	59.54%	3.918%
90	10.545	739	740	746	rVB6	77033	183429	2.36%	0.156%
91	10.636	746	748	752	rBV3	123187	277480	3.58%	0.235%
92	11.082	784	787	788	rBV2	194581	235222	3.03%	0.200%
93	11.196	794	797	799	rBV	2501544	2171305	27.99%	1.842%
94	11.745	842	845	853	rVB2	355603	472820	6.10%	0.401%
95	11.859	853	855	858	rBV	264713	349292	4.50%	0.296%
96	12.522	911	913	916	rBV2	239248	306007	3.95%	0.260%
97	12.785	933	936	939	rBV	5623603	5793116	74.69%	4.915%
98	13.356	984	986	994	rVB3	85041	177615	2.29%	0.151%
99	13.825	1025	1027	1030	rBV	1640518	1508984	19.46%	1.280%
100	15.208	1145	1148	1151	rBV	996083	1258004	16.22%	1.067%

Sum of corrected areas: 117874105

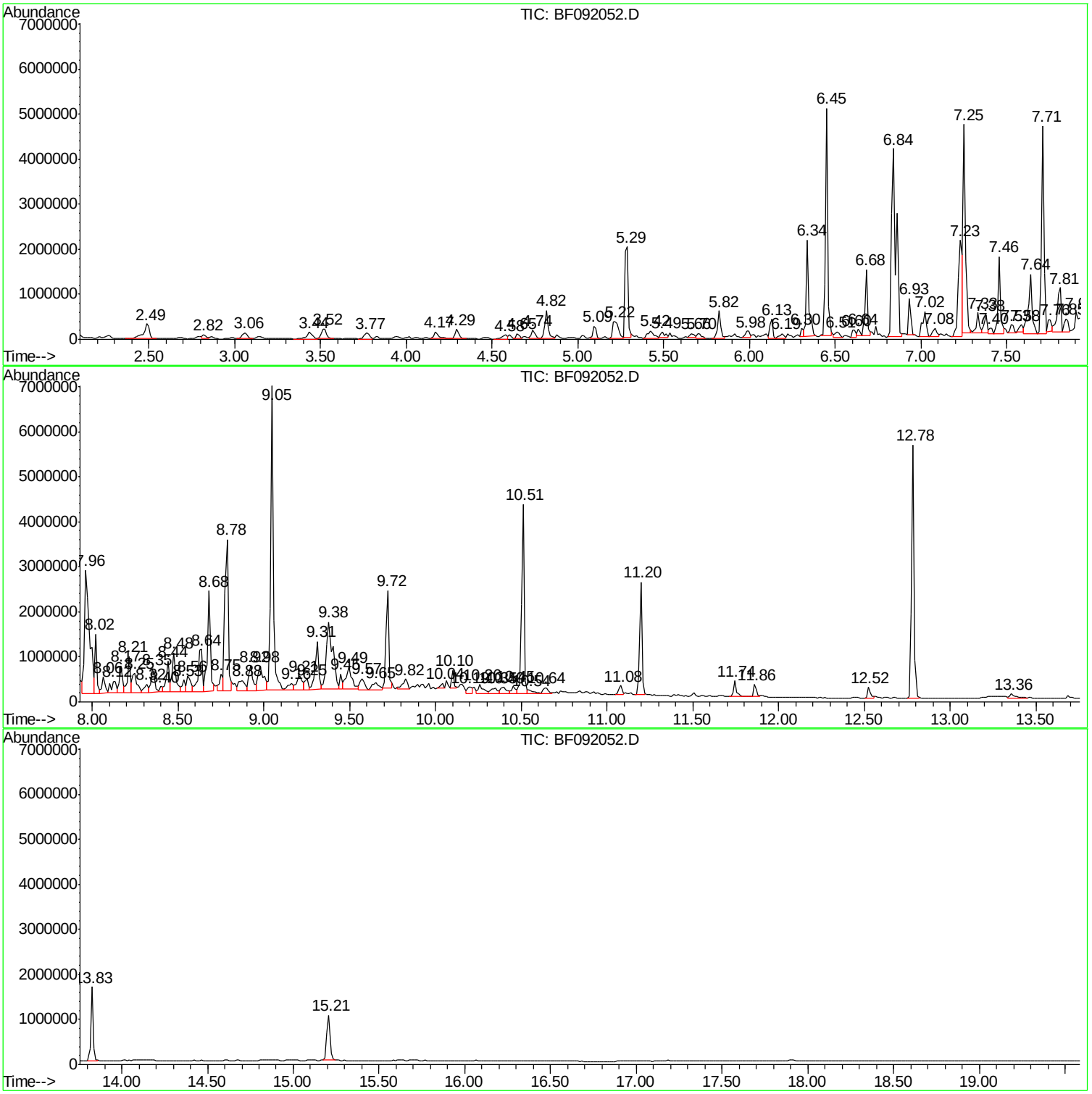
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF123016\
Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

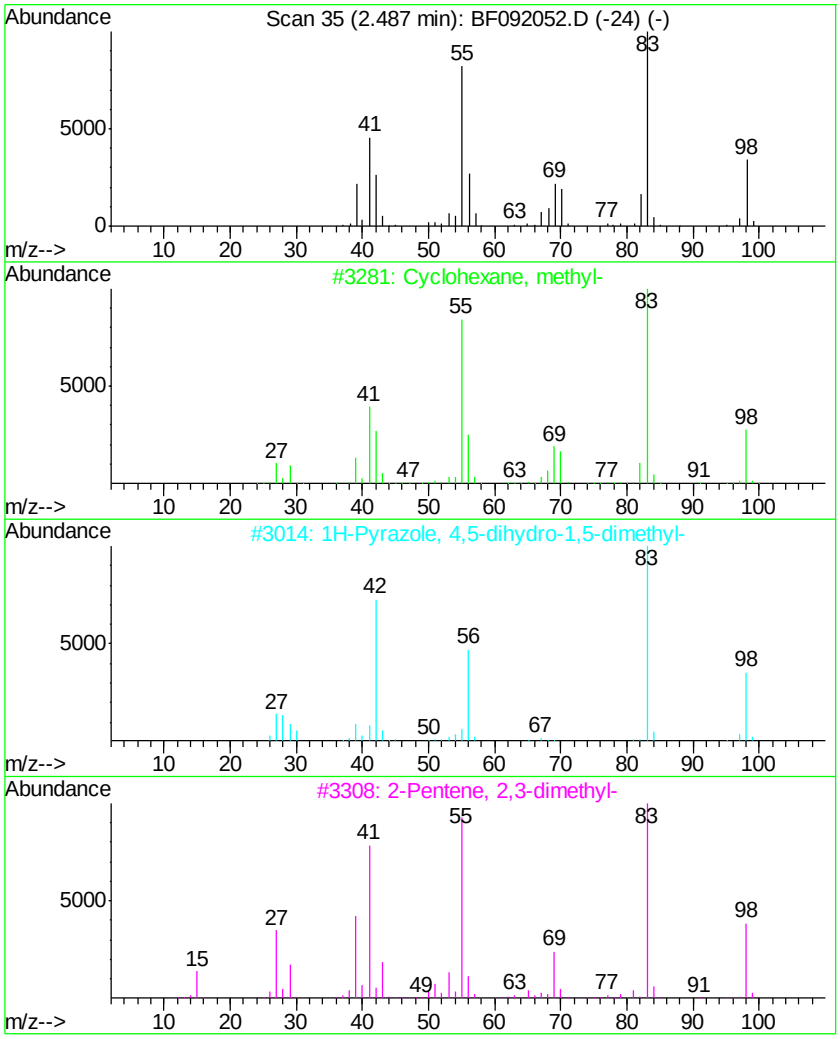
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

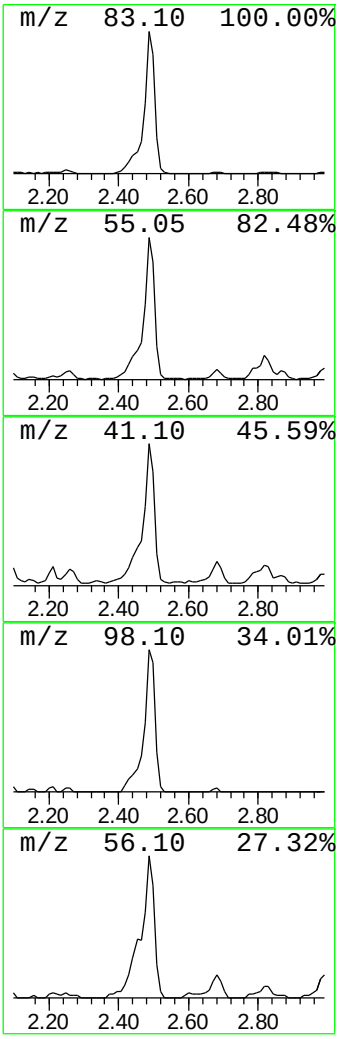
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	11.49 ng	852192	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	58
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	50
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	50
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

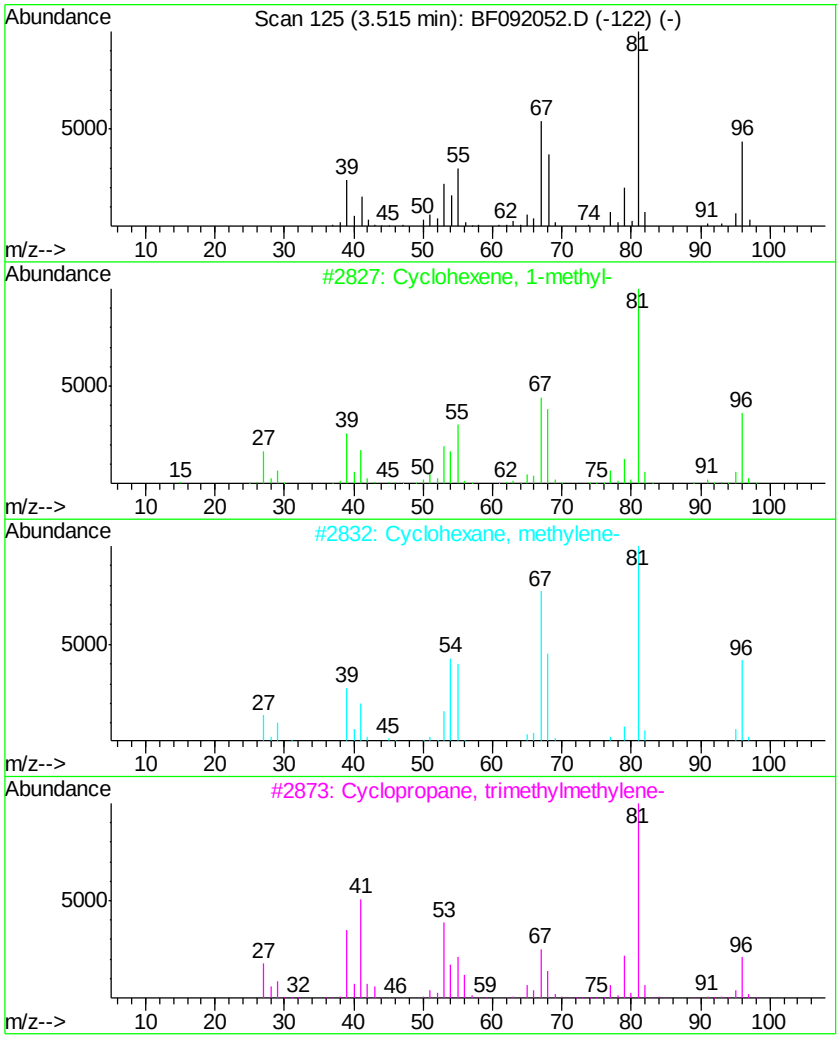
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

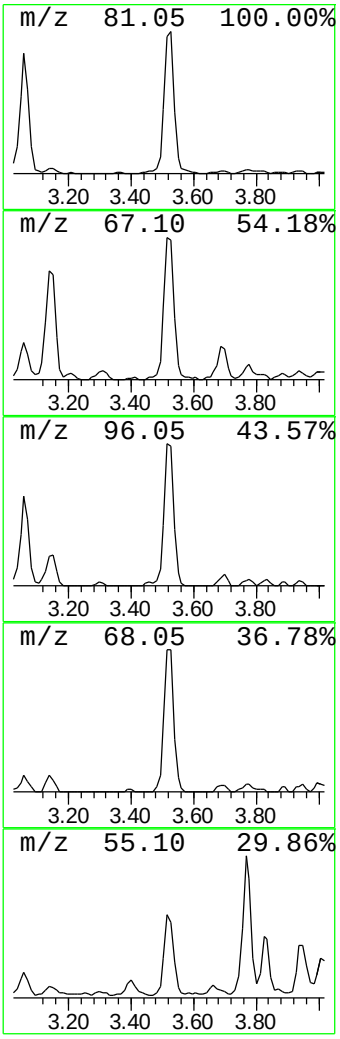
****

Peak Number 2 Cyclohexene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	6.14 ng	455123	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	72
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	72
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53





Library Search Compound Report

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Sample : H6318-07
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Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

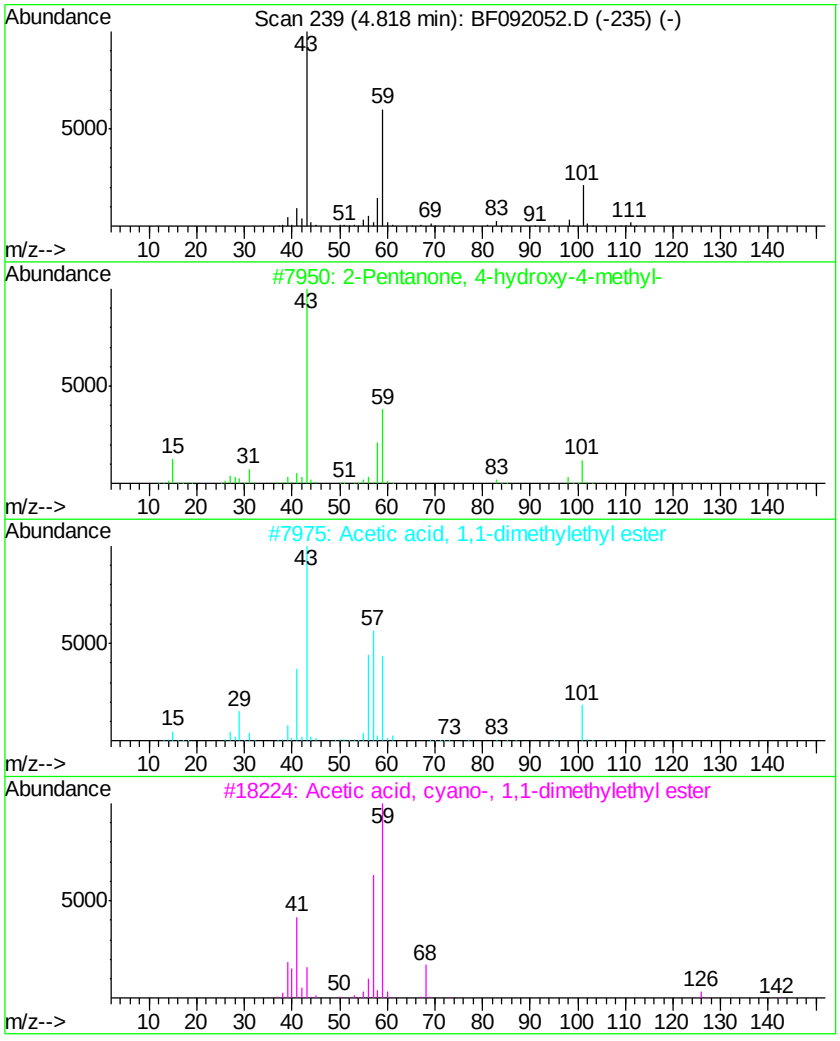
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

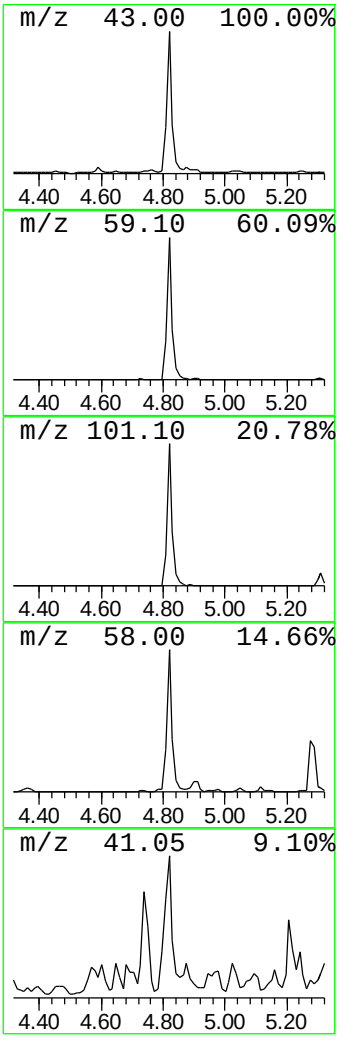
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	12.54 ng	930002	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
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Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

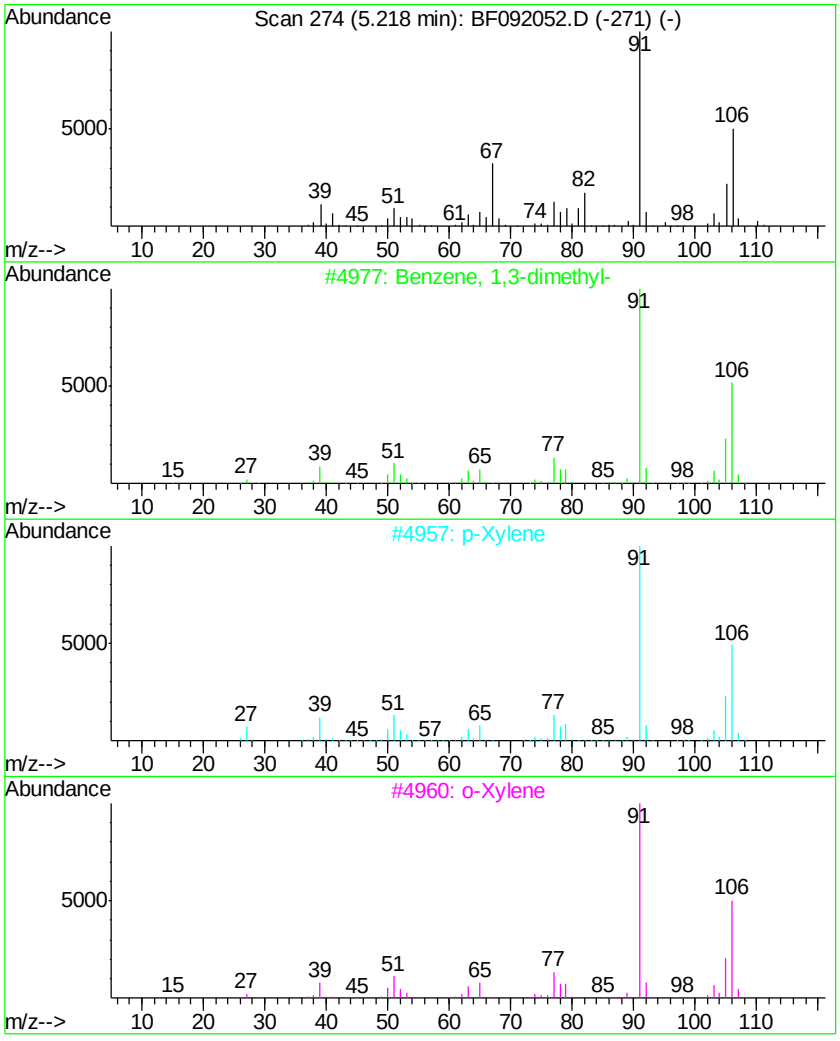
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

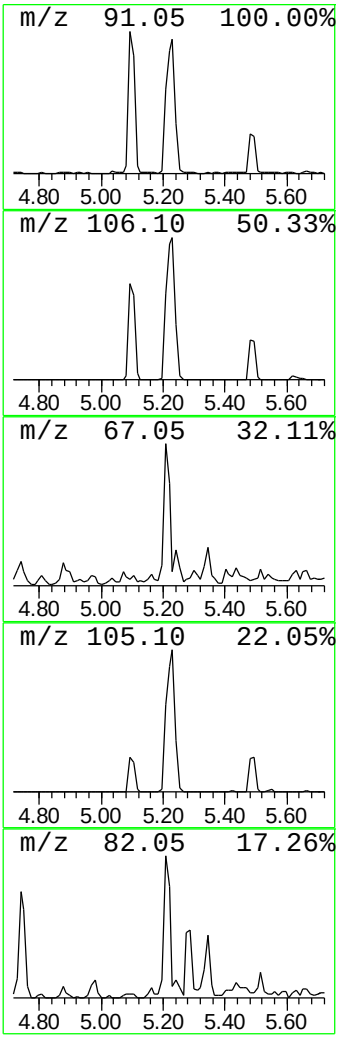
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.54 ng	929346	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	Ethylbenzene	106	C8H10	000100-41-4	49





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Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

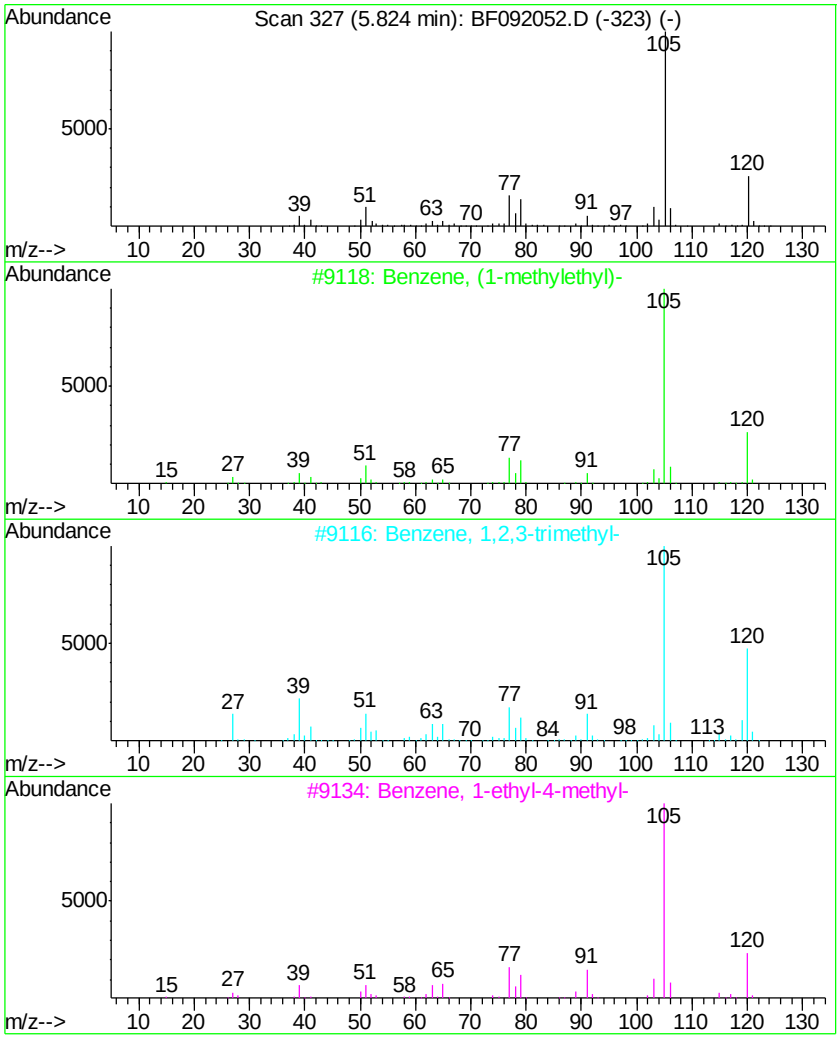
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

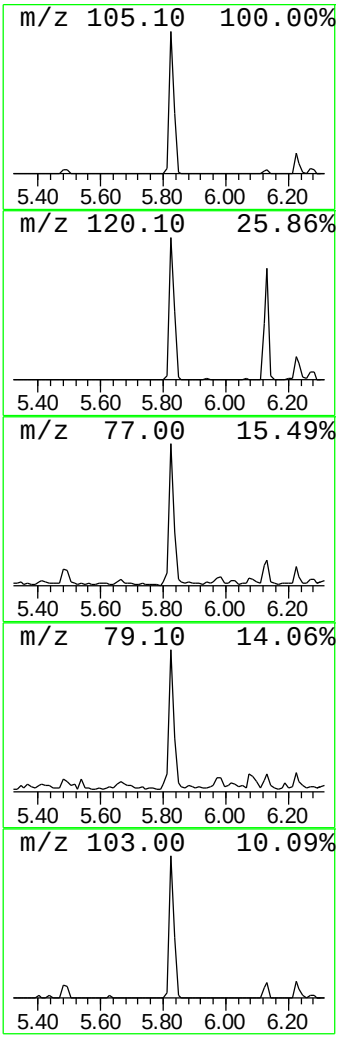
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	11.01 ng	816055	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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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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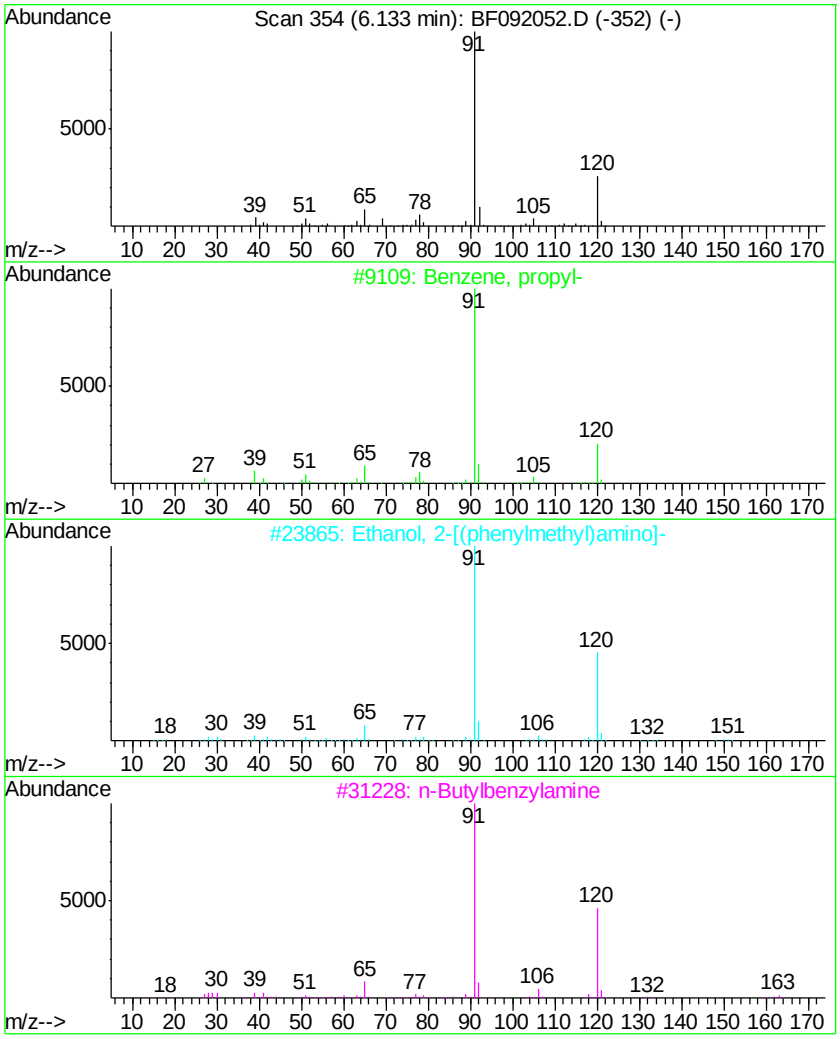
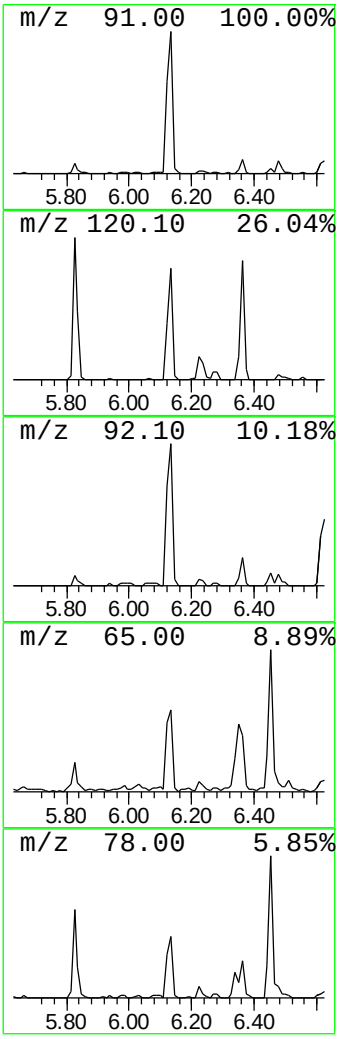
Peak Number 6 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	7.02 ng	520126	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
3	n-Butylbenzylamine	163	C11H17N	002403-22-7	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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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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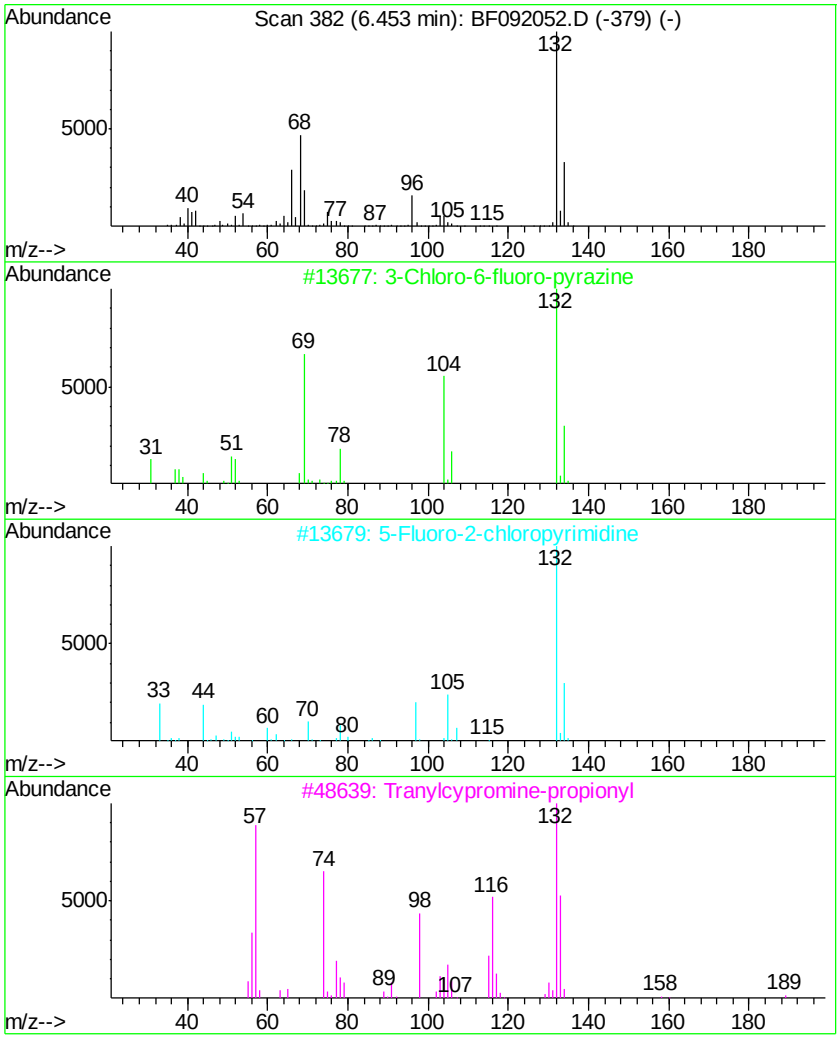
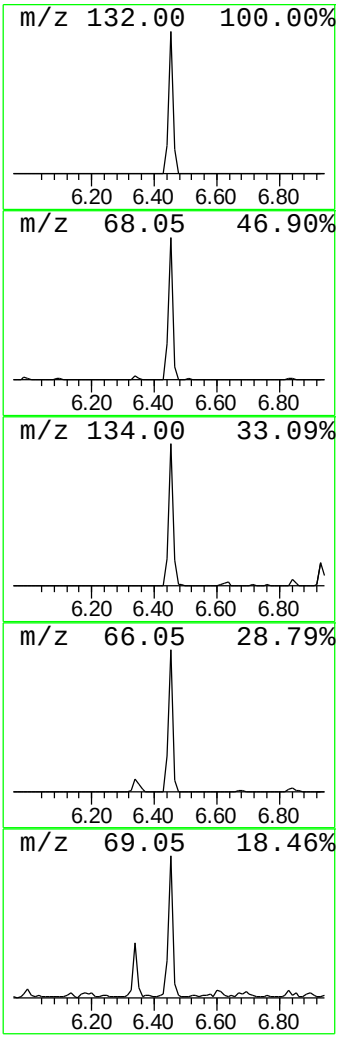
Peak Number 7 unknown6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	64.29 ng	4766070	1,4-Dichlorobenzene-d4	6.68

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : H6318-07
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Instrument : BNA_F
ClientSampleId : MW-07

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

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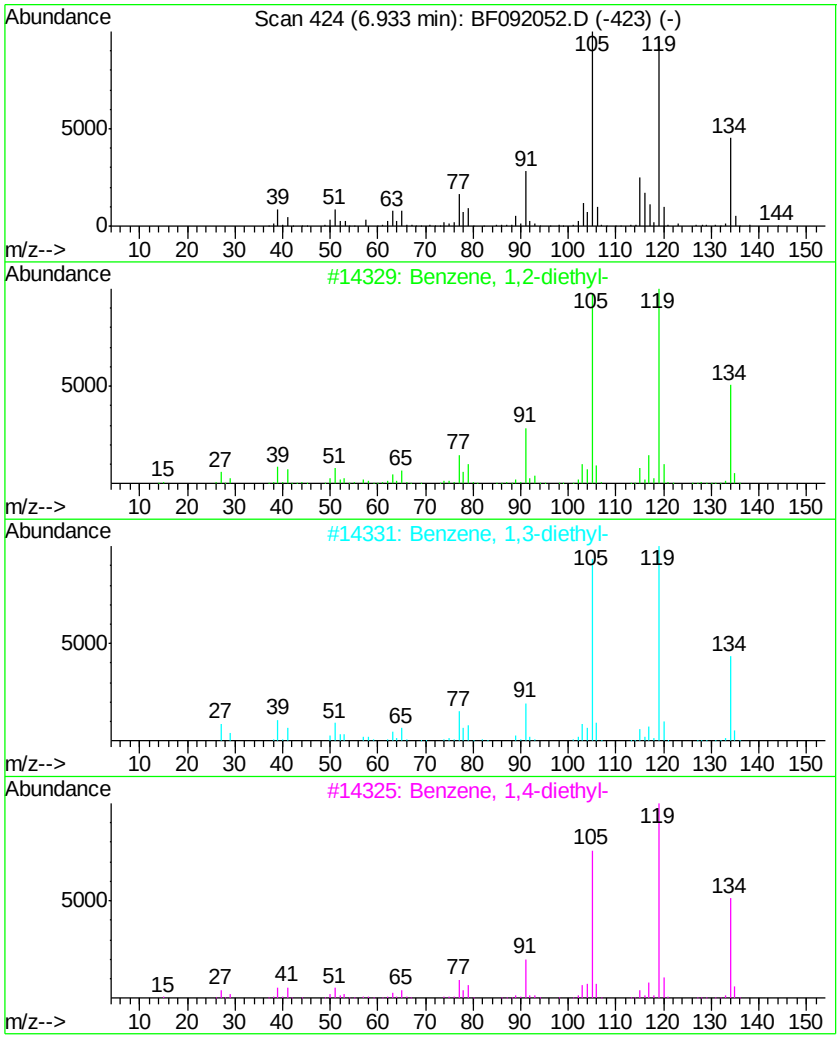
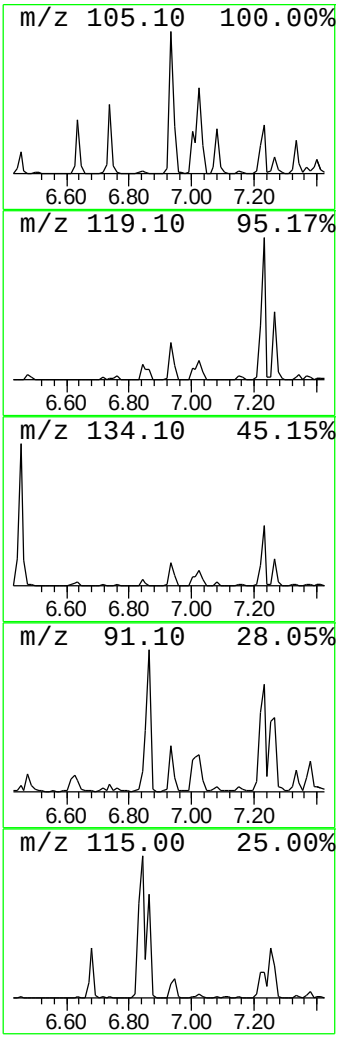
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	11.10 ng	823261	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72





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Instrument : BNA_F
ClientSampleId : MW-07

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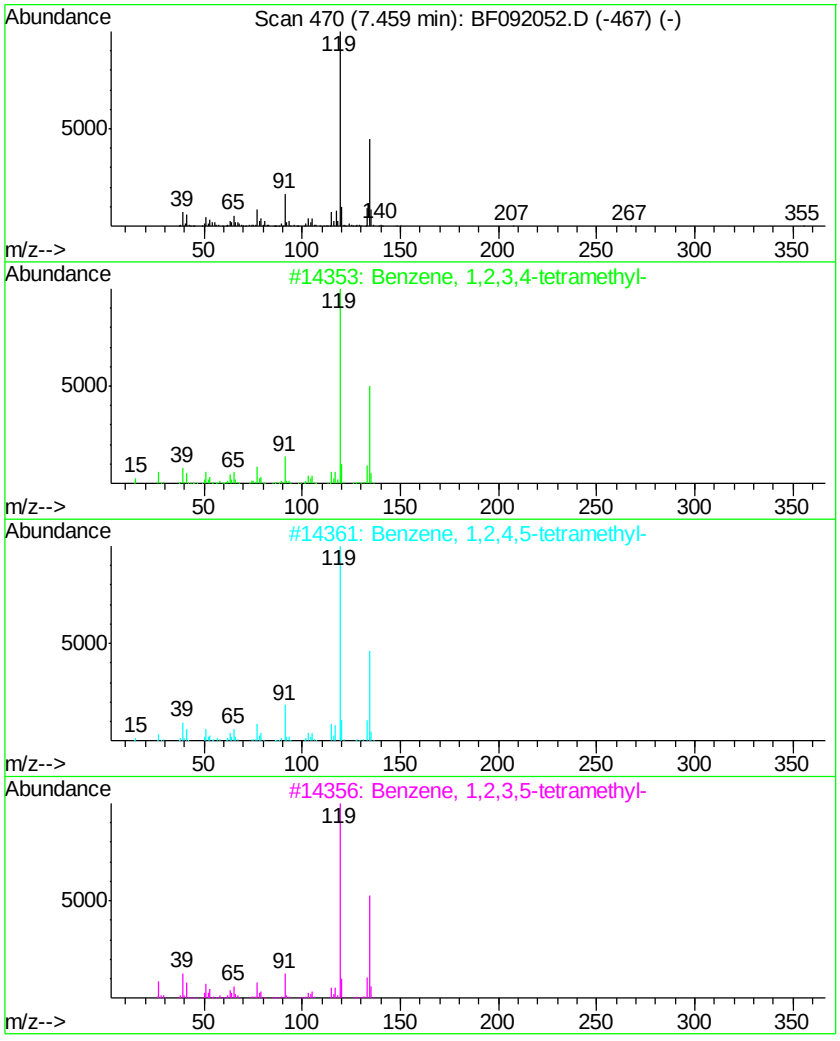
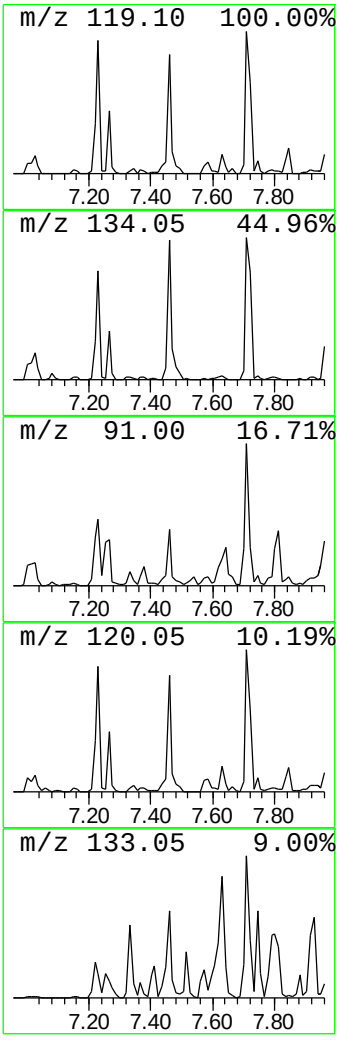
Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	6.34 ng	1708640	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Sample : H6318-07
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : MW-07

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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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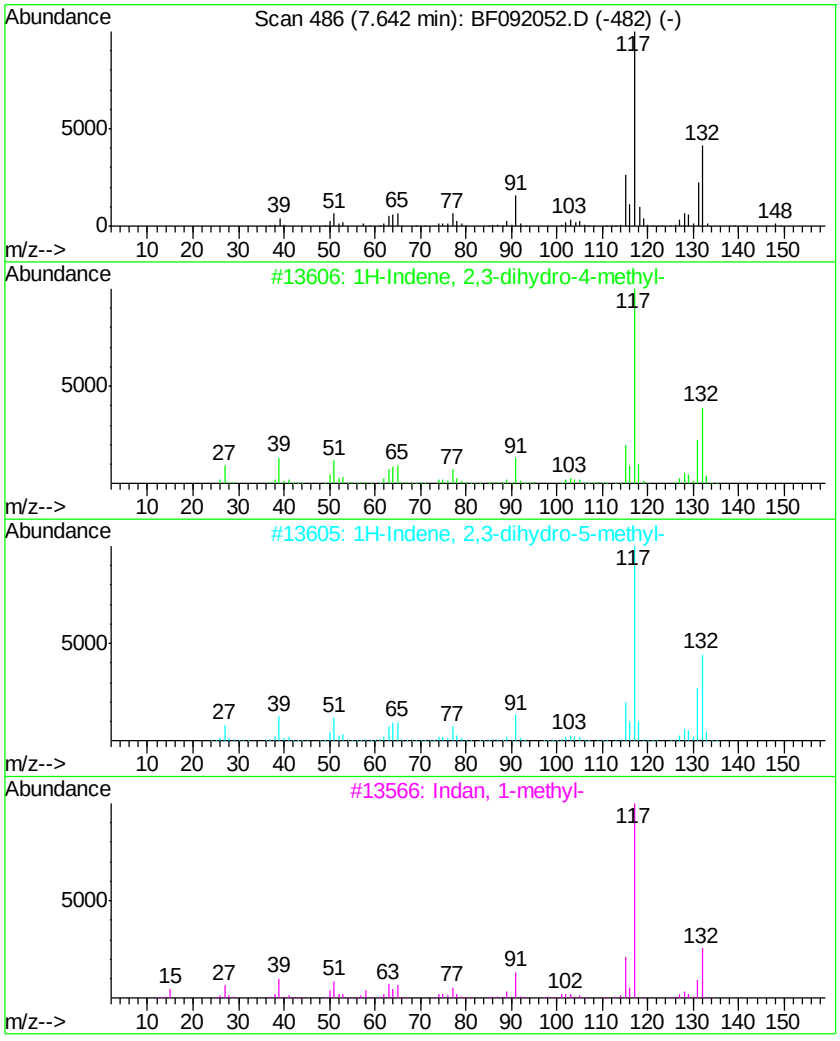
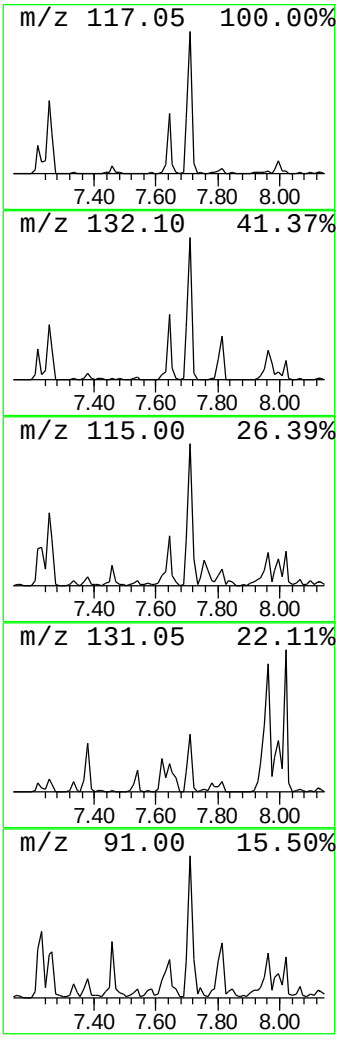
Peak Number 12 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	8.05 ng	2169870	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Sample : H6318-07
Misc :
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ClientSampleId : MW-07

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TIC Library : C:\DATABASE\NIST02.L
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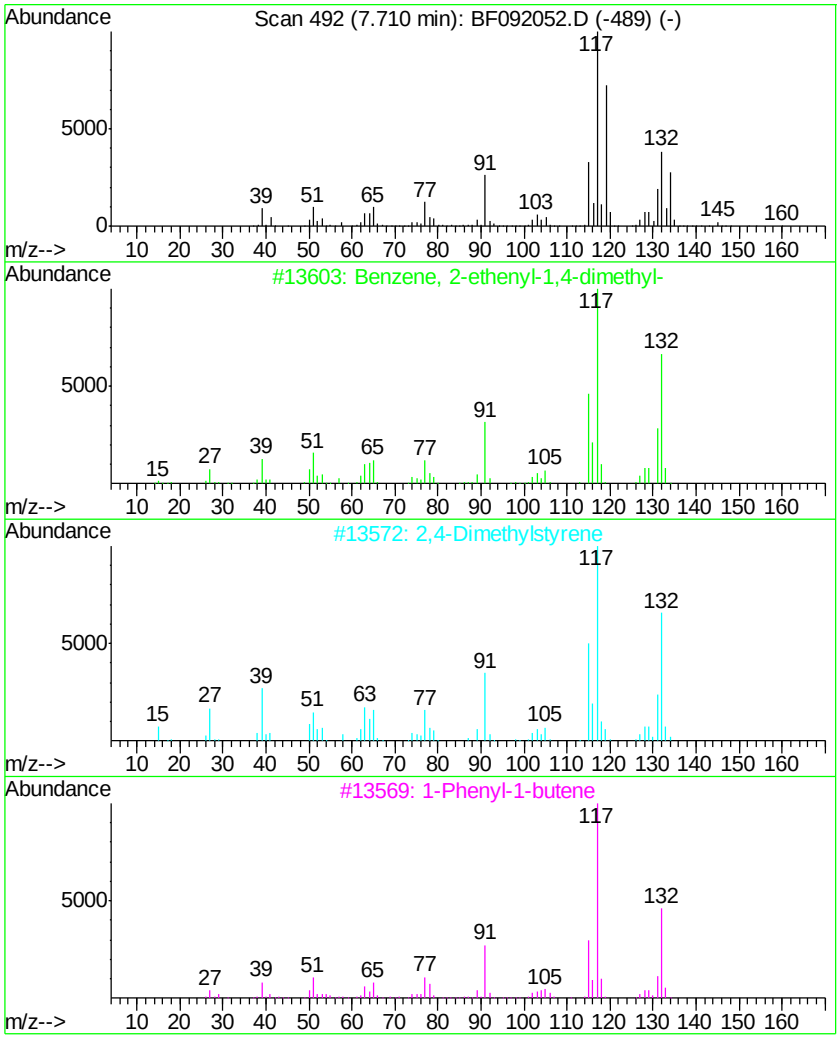
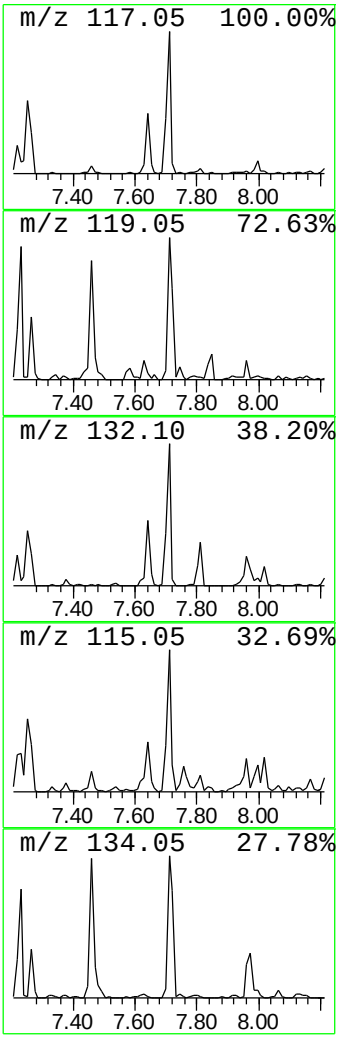
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	18.83 ng	5073830	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





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Sample : H6318-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-07

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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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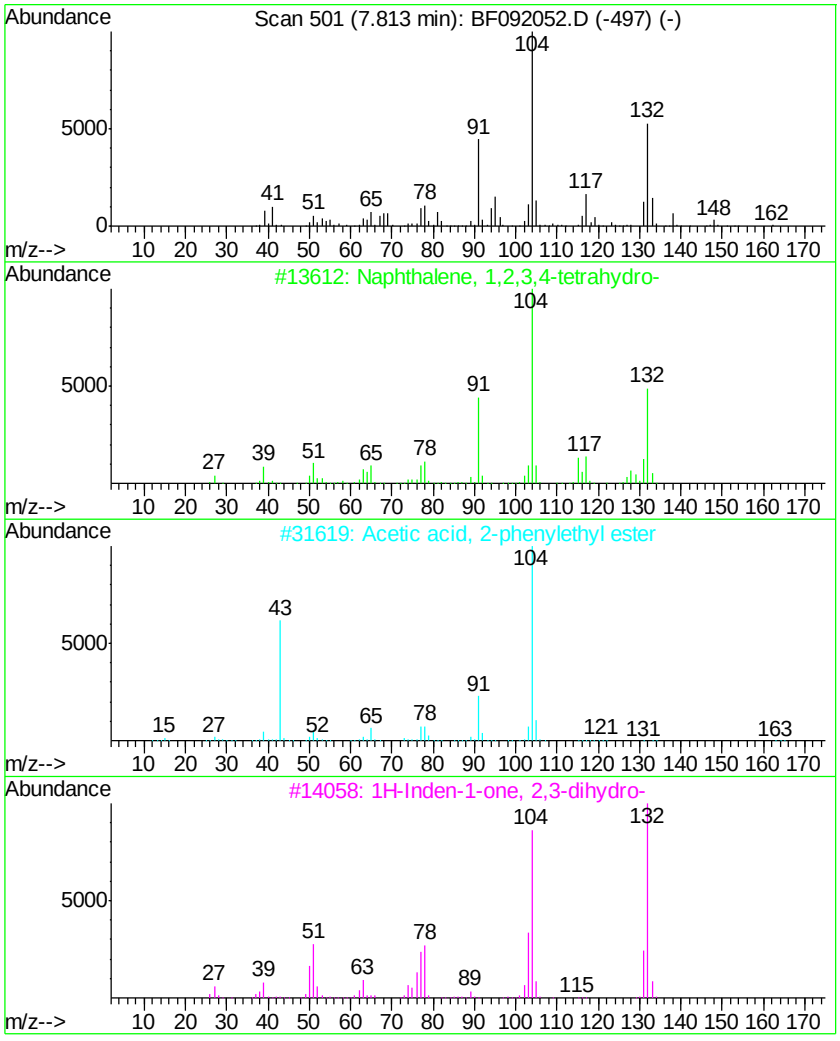
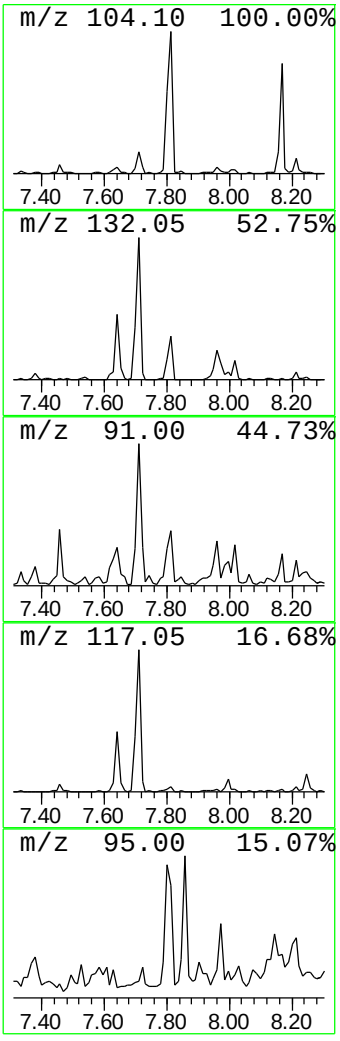
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	5.76 ng	1553420	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	35
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	35
4	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	35
5	Propanoic acid, 2-phenylethyl ester	178	C11H14O2	000122-70-3	35





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-07

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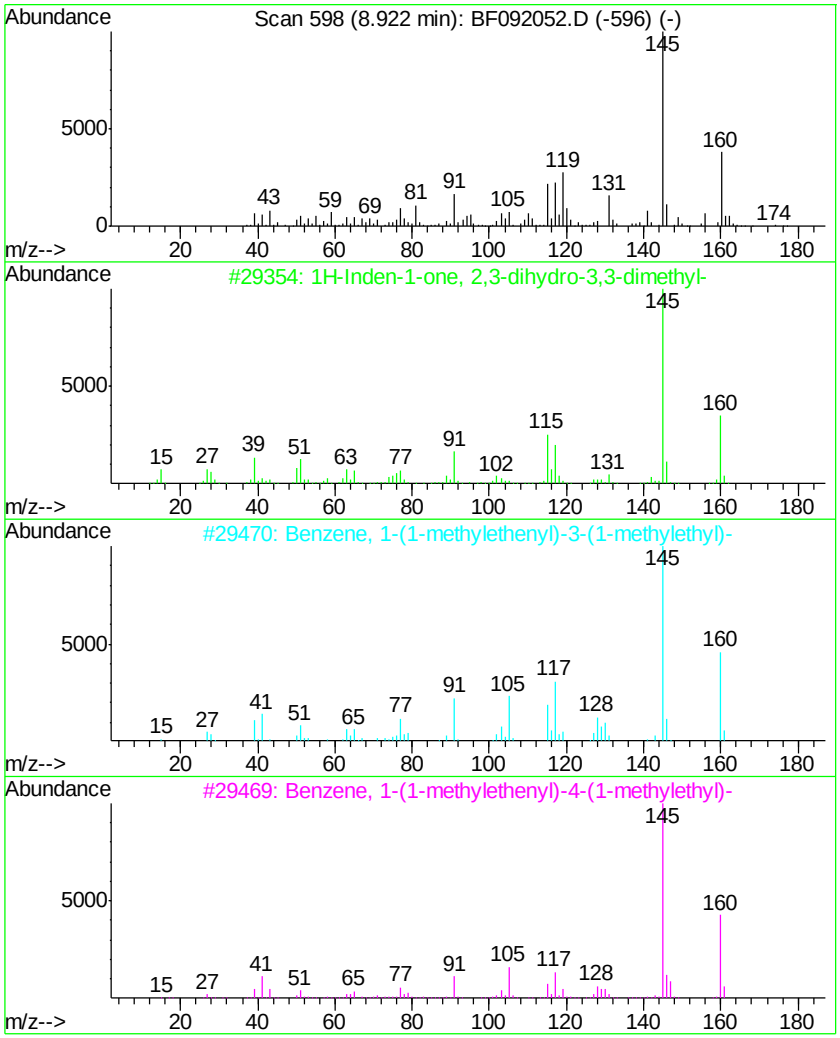
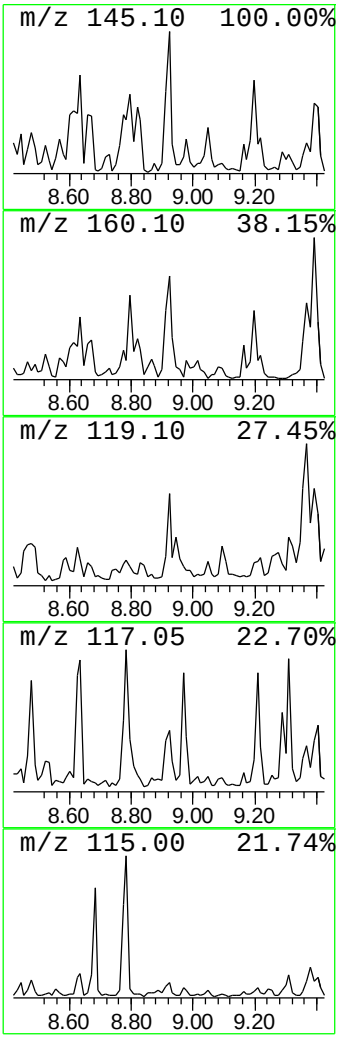
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	7.46 ng	997434	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	81
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
3	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	52
4	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-07

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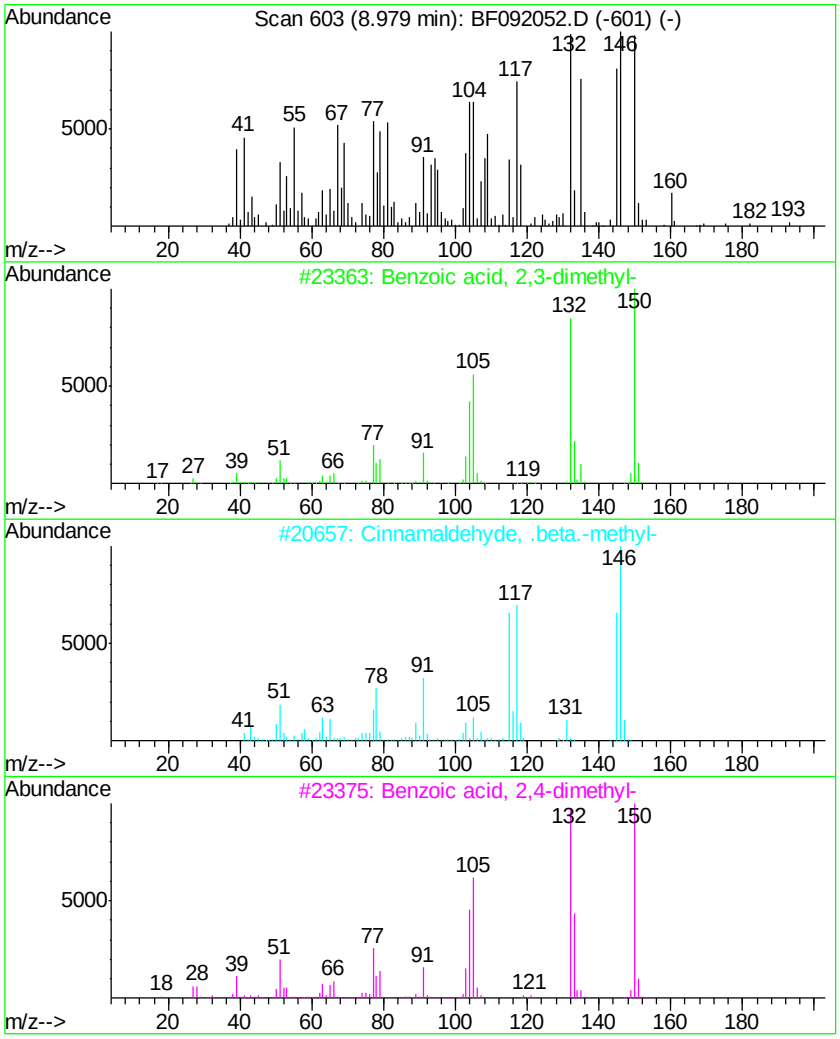
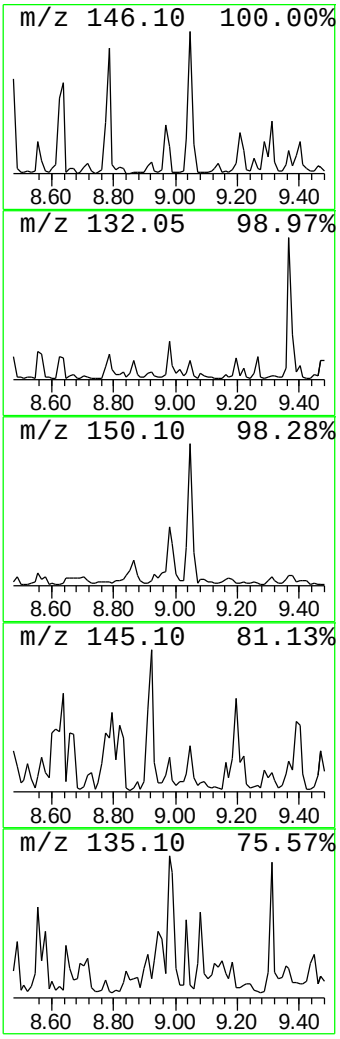
Peak Number 17 unknown8.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	8.55 ng	1142860	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	30
2	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	27
3	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	22
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	18
5	1H-Indene-1,3(2H)-dione	146	C9H6O2	000606-23-5	15





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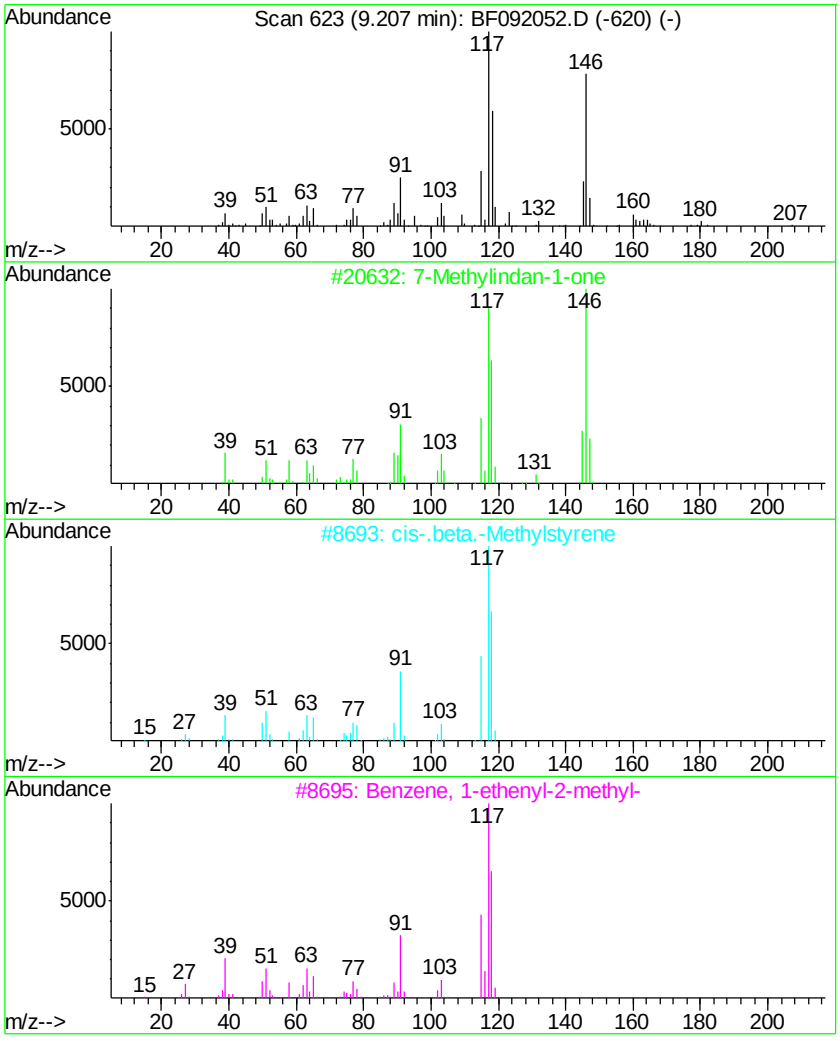
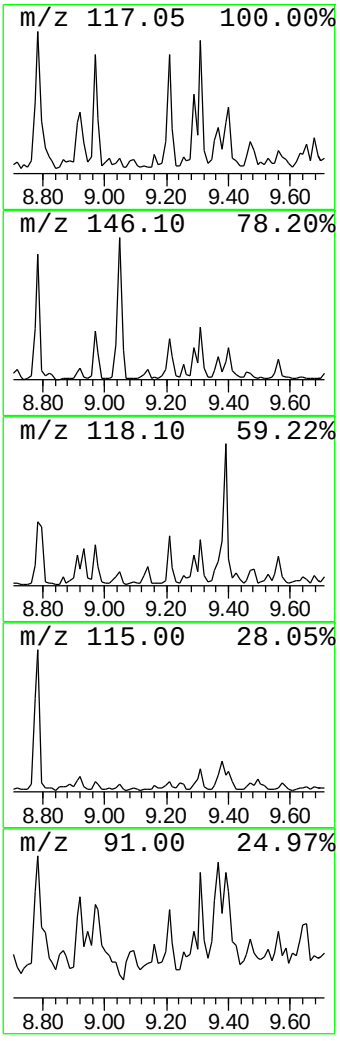
Peak Number 18 7-Methylindan-1-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	5.34 ng	713496	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	94
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	90
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64





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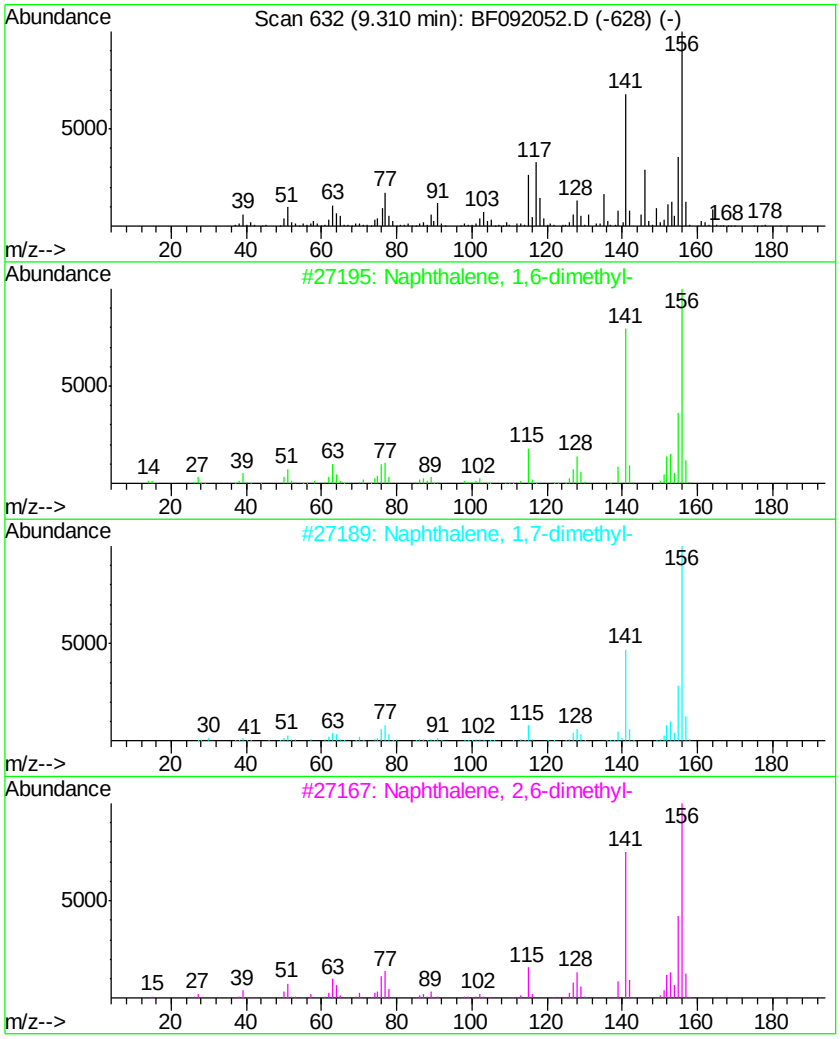
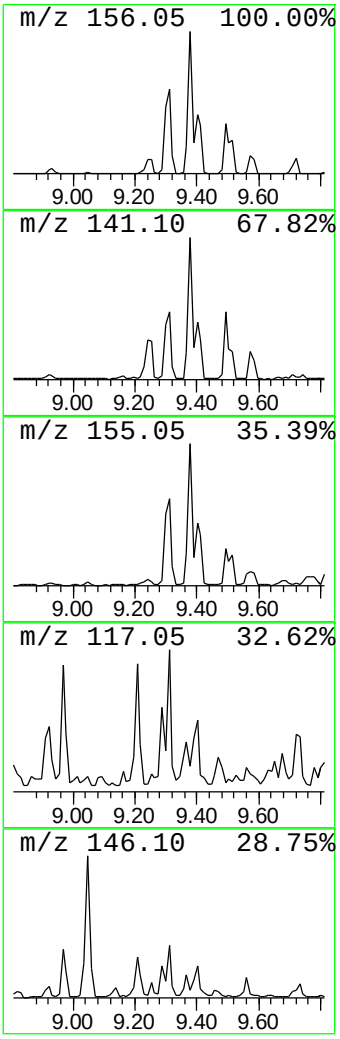
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	11.86 ng	1585270	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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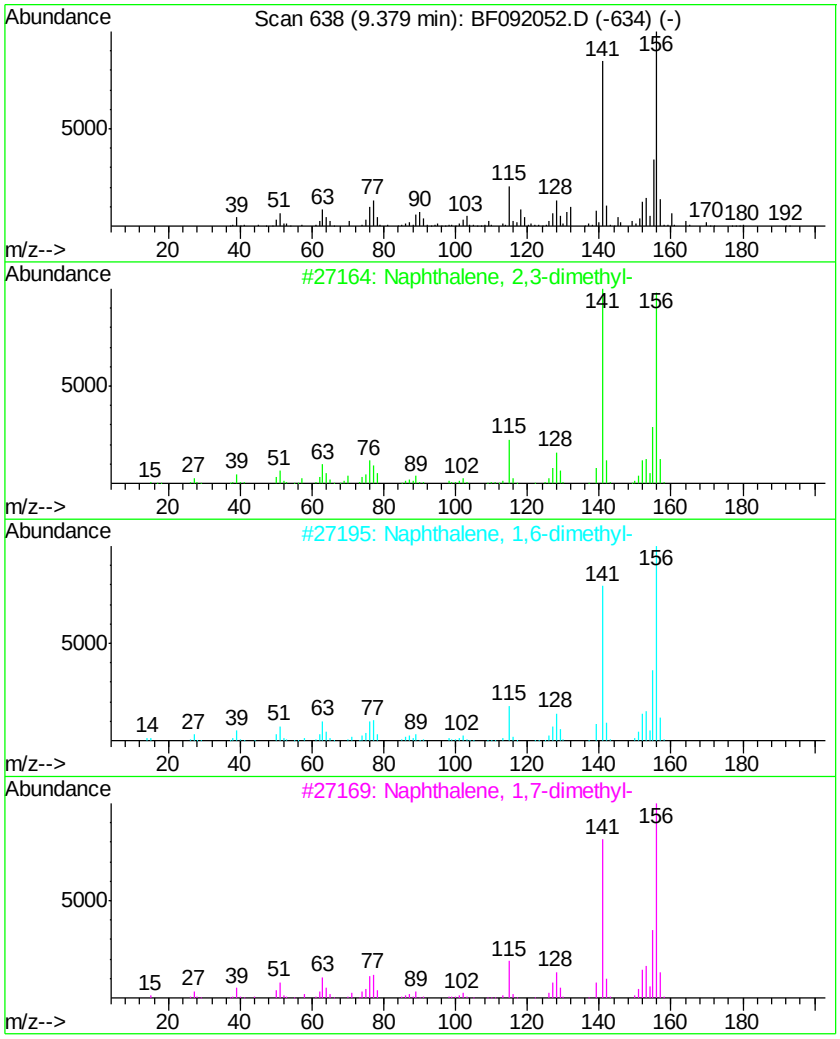
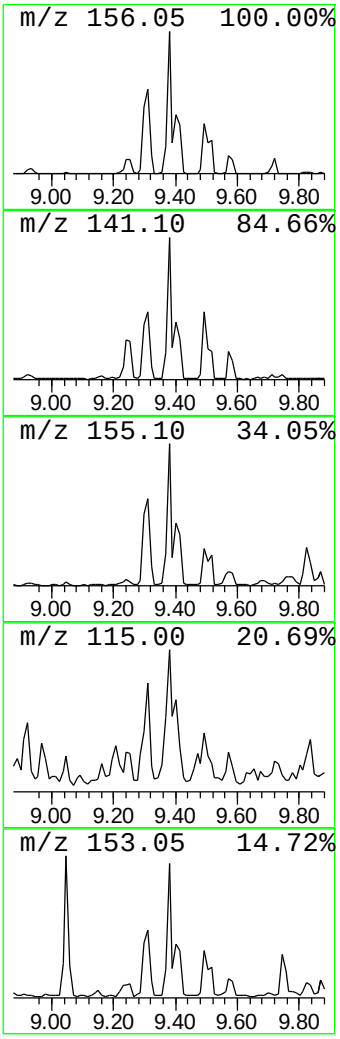
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	27.88 ng	3726920	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092052.D
Acq On : 30 Dec 2016 18:22
Operator : UM/SJ
Sample : H6318-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Cyclohexane, methyl-	2.49	11.5	ng	852192	1	6.68	1482750	20.0
Cyclohexene, 1-me...	3.52	6.1	ng	455123	1	6.68	1482750	20.0
2-Pentanone, 4-hy...	4.82	12.5	ng	930002	1	6.68	1482750	20.0
Benzene, 1,3-dime...	5.22	12.5	ng	929346	1	6.68	1482750	20.0
Benzene, (1-methy...	5.82	11.0	ng	816055	1	6.68	1482750	20.0
Benzene, propyl-	6.13	7.0	ng	520126	1	6.68	1482750	20.0
unknown6.45	6.45	64.3	ng	4766070	1	6.68	1482750	20.0
Benzene, 1,2-diet...	6.93	11.1	ng	823261	1	6.68	1482750	20.0
Benzene, 1,2,3,4-...	7.46	6.3	ng	1708640	2	7.97	5390260	20.0
1H-Indene, 2,3-di...	7.64	8.1	ng	2169870	2	7.97	5390260	20.0
Benzene, 2-etheny...	7.71	18.8	ng	5073830	2	7.97	5390260	20.0
Naphthalene, 1,2,...	7.81	5.8	ng	1553420	2	7.97	5390260	20.0
1H-Inden-1-one, 2...	8.92	7.5	ng	997434	3	9.72	2673310	20.0
unknown8.98	8.98	8.6	ng	1142860	3	9.72	2673310	20.0
7-Methylindan-1-one	9.21	5.3	ng	713496	3	9.72	2673310	20.0
Naphthalene, 1,6-...	9.31	11.9	ng	1585270	3	9.72	2673310	20.0
Naphthalene, 2,3-...	9.38	27.9	ng	3726920	3	9.72	2673310	20.0