LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016284.D
Acq On : 09 Aug 2018 16:41
Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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	4.675	228	236	248	rVB2	166994	303138	13.43%	1.688%
2	5.187	319	323	334	rVB	48292	77045	3.41%	0.429%
3	5.663	399	404	417	rBV	418874	677597	30.02%	3.774%
4	7.310	678	684	695	rBV	238650	408978	18.12%	2.278%
5	7.663	737	744	755	rBV	905982	1421457	62.97%	7.917%
6	8.134	818	824	831	rBV	193172	322117	14.27%	1.794%
7	8.451	870	878	892	rVB	918791	1481360	65.63%	8.251%
8	9.228	1005	1010	1019	rVB3	21050	35040	1.55%	0.195%
9	9.322	1019	1026	1047	rBV	633367	1106827	49.03%	6.165%
10	9.651	1075	1082	1091	rVB2	120764	192350	8.52%	1.071%
11	10.334	1193	1198	1205	rVB5	29555	57724	2.56%	0.322%
12	10.681	1249	1257	1261	rBV6	18914	43334	1.92%	0.241%
13	10.798	1269	1277	1282	rBV2	30951	51027	2.26%	0.284%
14	10.945	1297	1302	1309	rBV	215971	372925	16.52%	2.077%
15	11.110	1322	1330	1338	rVB5	19695	38852	1.72%	0.216%
16	11.398	1375	1379	1388	rVB4	15469	30302	1.34%	0.169%
17	11.516	1392	1399	1406	rBV3	29139	58922	2.61%	0.328%
18	11.681	1419	1427	1433	rBV	66423	126779	5.62%	0.706%
19	12.010	1477	1483	1492	rVB6	22454	57400	2.54%	0.320%
20	12.157	1497	1508	1516	rBV3	35974	97849	4.33%	0.545%
21	12.286	1525	1530	1537	rVB4	42974	67686	3.00%	0.377%
22	12.386	1543	1547	1552	rBV5	21063	35594	1.58%	0.198%
23	12.498	1559	1566	1569	rBV8	17642	39535	1.75%	0.220%
24	12.580	1575	1580	1586	rBV4	31395	59972	2.66%	0.334%
25	12.727	1597	1605	1616	rVB7	45940	127919	5.67%	0.712%
26	12.828	1617	1622	1627	rBV6	29938	56084	2.48%	0.312%
27	12.898	1627	1634	1643	rVB8	35985	104139	4.61%	0.580%
28	12.980	1643	1648	1655	rBV4	35291	79403	3.52%	0.442%
29	13.045	1655	1659	1664	rBV7	18540	33226	1.47%	0.185%
30	13.169	1674	1680	1686	rBV7	16917	37494	1.66%	0.209%
31	13.292	1695	1701	1707	rVB6	36881	78740	3.49%	0.439%
32	13.386	1710	1717	1725	rBV	1491720	2161398	95.75%	12.039%
33	13.486	1725	1734	1737	rBV7	19654	46283	2.05%	0.258%
34	13.586	1745	1751	1752	rBV4	20896	37017	1.64%	0.206%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.610	1753	1755	1760	rVB2	20421	30510	1.35%	0.170%
36	13.792	1783	1786	1790	rBV4	20476	26733	1.18%	0.149%
37	13.892	1796	1803	1807	rBV8	22332	43090	1.91%	0.240%
38	13.969	1812	1816	1819	rBV4	36184	56290	2.49%	0.314%
39	14.010	1819	1823	1827	rVB3	51146	75908	3.36%	0.423%
40	14.057	1827	1831	1835	rBV	47921	69816	3.09%	0.389%
41	14.110	1837	1840	1843	rBV5	19996	30563	1.35%	0.170%
42	14.198	1852	1855	1862	rVB5	25890	47742	2.12%	0.266%
43	14.392	1885	1888	1892	rVB6	28945	42950	1.90%	0.239%
44	14.569	1913	1918	1921	rBV6	23705	42351	1.88%	0.236%
45	14.610	1921	1925	1934	rVB5	36565	67041	2.97%	0.373%
46	14.698	1935	1940	1945	rBV7	34537	62784	2.78%	0.350%
47	14.769	1946	1952	1956	rBV2	304158	465242	20.61%	2.591%
48	14.810	1956	1959	1966	rVB3	73333	133259	5.90%	0.742%
49	14.904	1972	1975	1981	rVB7	19289	29346	1.30%	0.163%
50	14.963	1981	1985	1989	rBV	72212	97627	4.33%	0.544%
51	15.045	1993	1999	2011	rVB10	60015	166108	7.36%	0.925%
52	15.151	2011	2017	2019	rBV5	28948	49815	2.21%	0.277%
53	15.245	2028	2033	2038	rBV4	38355	75592	3.35%	0.421%
54	15.404	2057	2060	2066	rVB6	32288	56534	2.50%	0.315%
55	15.569	2085	2088	2092	rVB4	22344	28303	1.25%	0.158%
56	15.704	2107	2111	2112	rBV	22307	29039	1.29%	0.162%
57	15.804	2124	2128	2135	rBV5	57756	96216	4.26%	0.536%
58	15.863	2135	2138	2145	rVB8	34559	51327	2.27%	0.286%
59	16.021	2161	2165	2172	rBV6	32016	62832	2.78%	0.350%
60	16.080	2172	2175	2179	rVV6	25385	41967	1.86%	0.234%
61	16.133	2180	2184	2190	rVV8	34785	81231	3.60%	0.452%
62	16.198	2192	2195	2199	rVB3	28958	36840	1.63%	0.205%
63	16.257	2199	2205	2218	rBV	1194418	1798151	79.66%	10.015%
64	16.504	2244	2247	2250	rBV4	18996	28059	1.24%	0.156%
65	16.557	2251	2256	2260	rVV6	17537	39410	1.75%	0.220%
66	16.786	2293	2295	2299	rVB	32284	32034	1.42%	0.178%
67	16.980	2326	2328	2339	rVB8	27854	54026	2.39%	0.301%
68	17.368	2390	2394	2400	rVB8	20706	38148	1.69%	0.212%
69	17.504	2412	2417	2422	rBV	333815	464726	20.59%	2.588%
70	18.357	2559	2562	2566	rBV3	44328	53856	2.39%	0.300%
71	18.574	2594	2599	2602	rBV5	24550	45004	1.99%	0.251%

LSC Area Percent Report

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Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.615	2772	2776	2787	rVB5	36779	63142	2.80%	0.352%
73	20.080	2850	2855	2861	rBV	1877495	2257223	100.00%	12.572%
74	21.633	3115	3119	3127	rVB	418206	518969	22.99%	2.891%
75	23.968	3510	3516	3524	rVB	275978	538388	23.85%	2.999%

Sum of corrected areas: 17953705

LSC Report - Integrated Chromatogram

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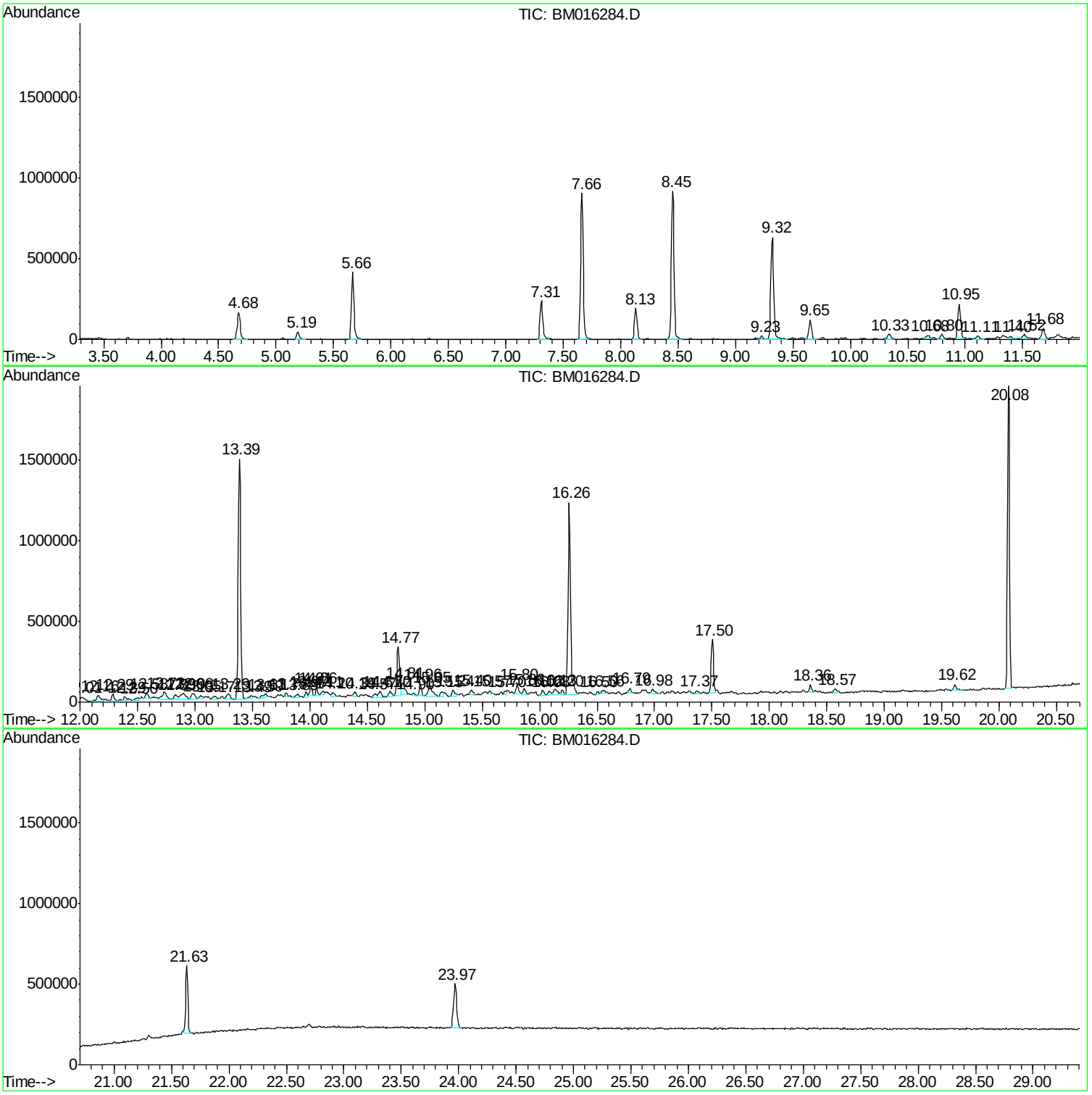
Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016284.D
Acq On : 09 Aug 2018 16:41
Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

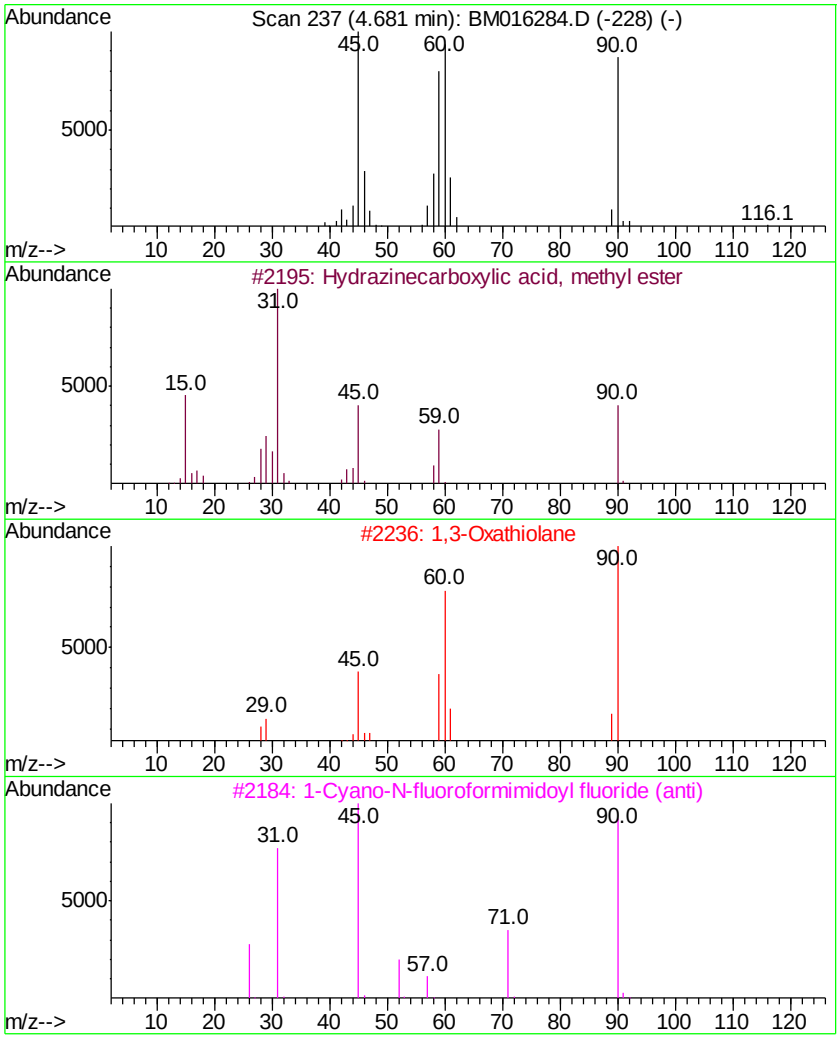
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

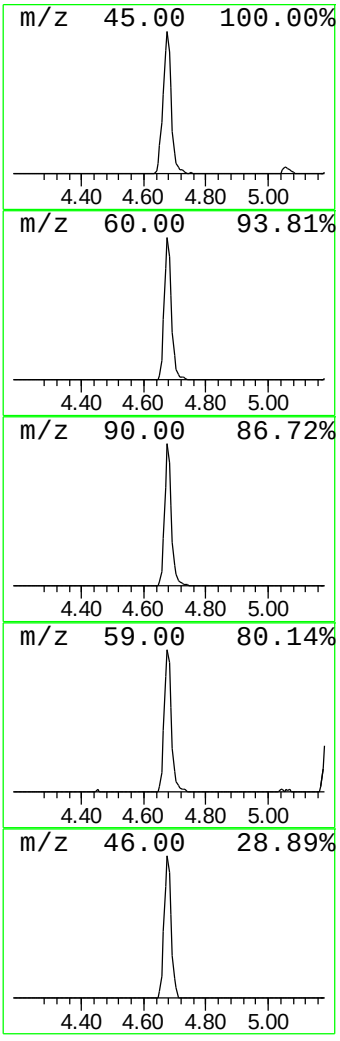
****

Peak Number 1 Hydrazinecarboxylic acid, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	18.82 ng	303138	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	53
3	1-Cyano-N-fluoroformimidoyl fluo...	90	C2F2N2	014011-05-3	49
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	43
5	3-Thietanol	90	C3H6OS	010304-16-2	37





Library Search Compound Report

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Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

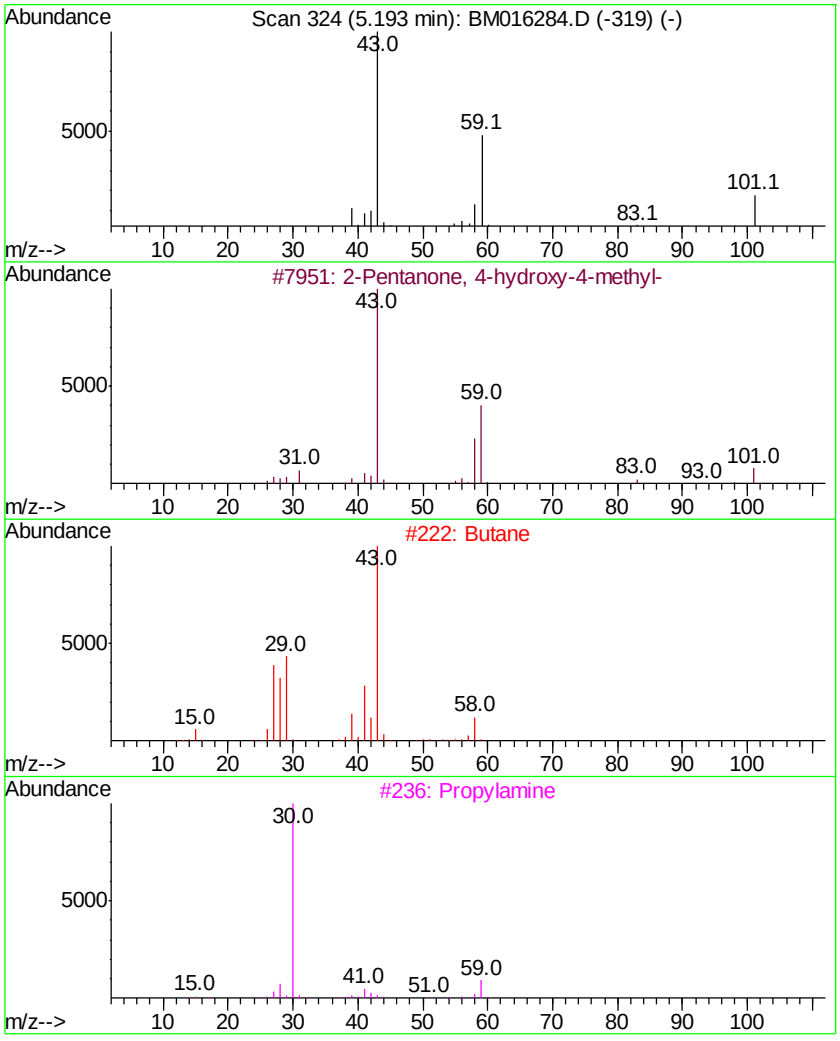
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

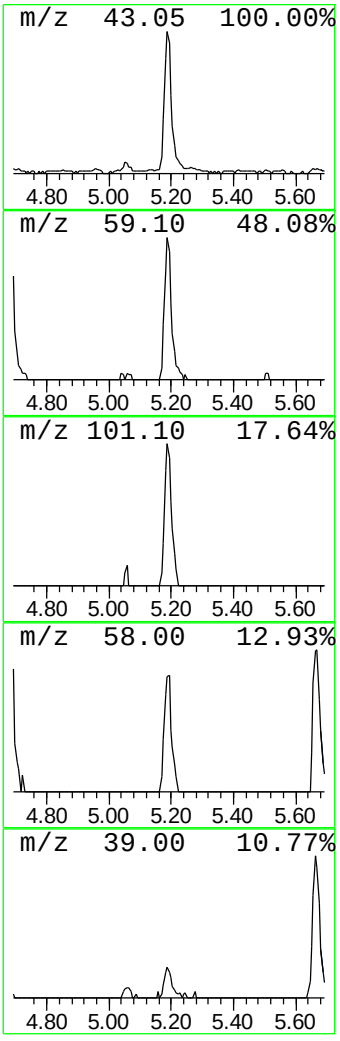
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.78 ng	77045	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butane	58	C4H10	000106-97-8	27
3	Propylamine	59	C3H9N	000107-10-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

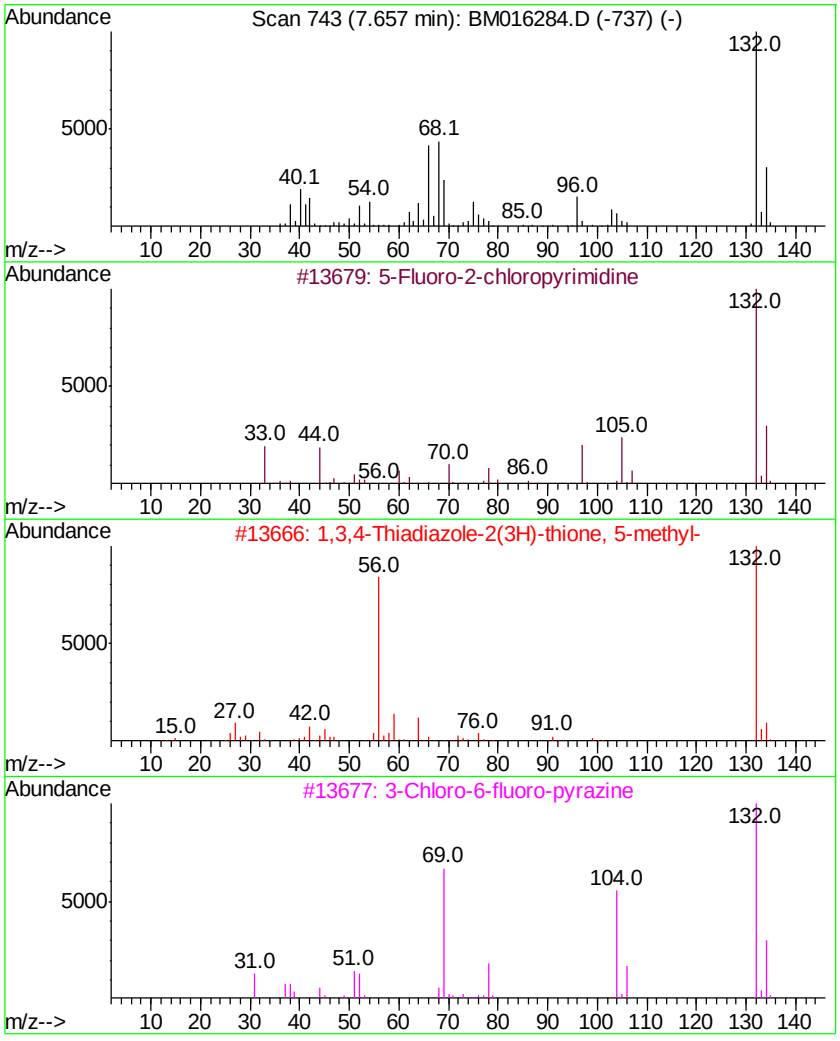
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

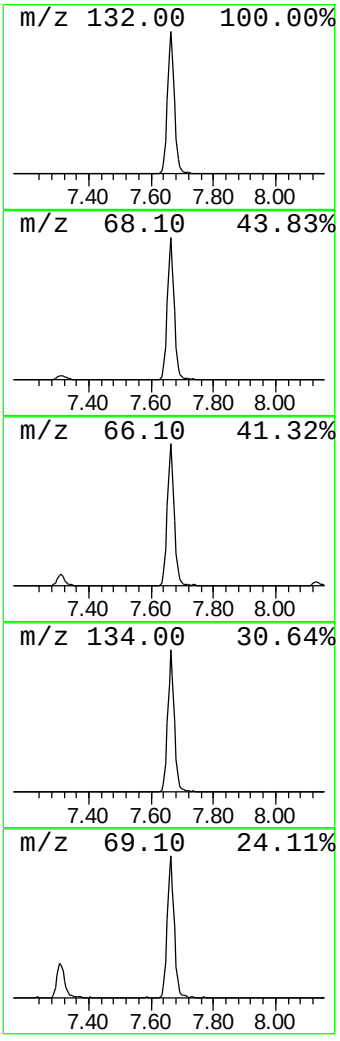
****

Peak Number 3 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	88.26 ng	1421460	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10





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

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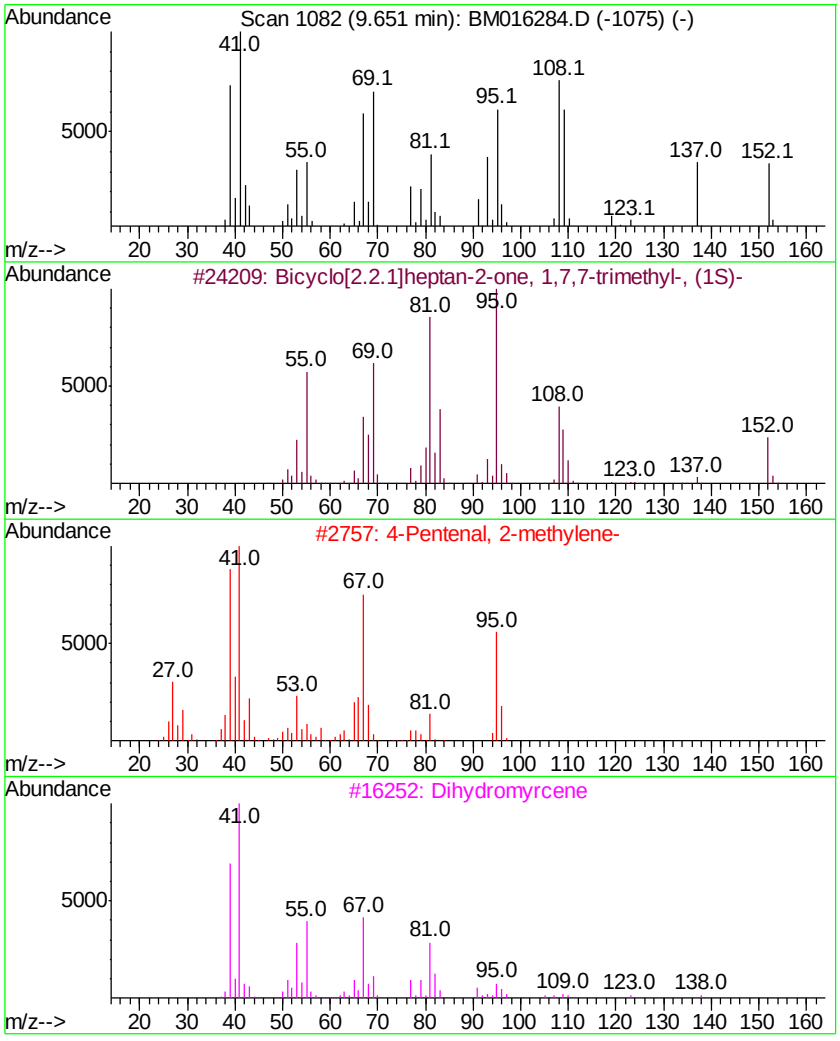
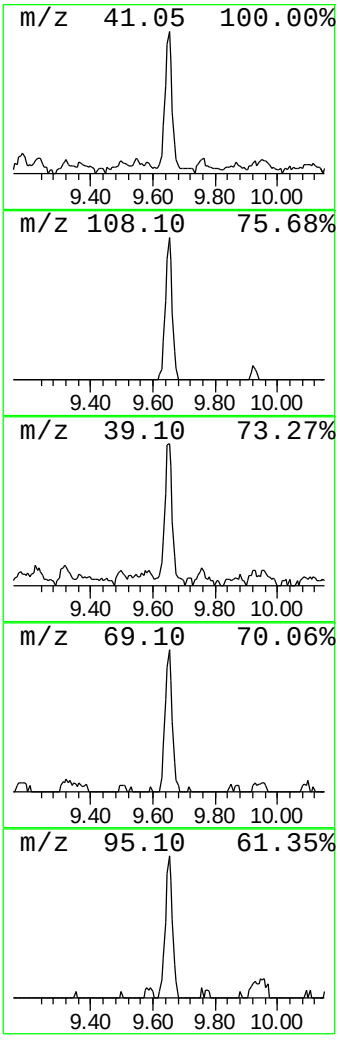
Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	10.32 ng	192350	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52
2	4-Pentenal, 2-methylene-	96	C6H8O	017854-46-5	52
3	Dihydromyrcene	138	C10H18	002436-90-0	50
4	1-Pentyne	68	C5H8	000627-19-0	49
5	4-Methyl-2-pentyne	82	C6H10	021020-27-9	47





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Misc :
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Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

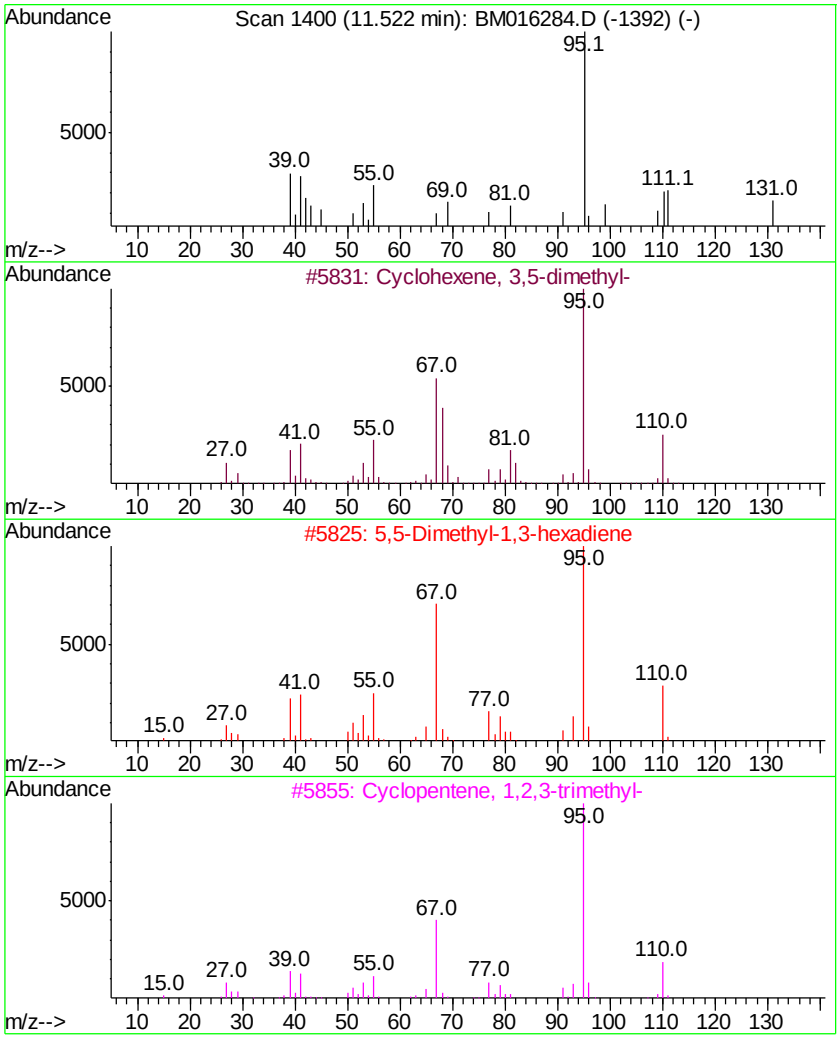
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

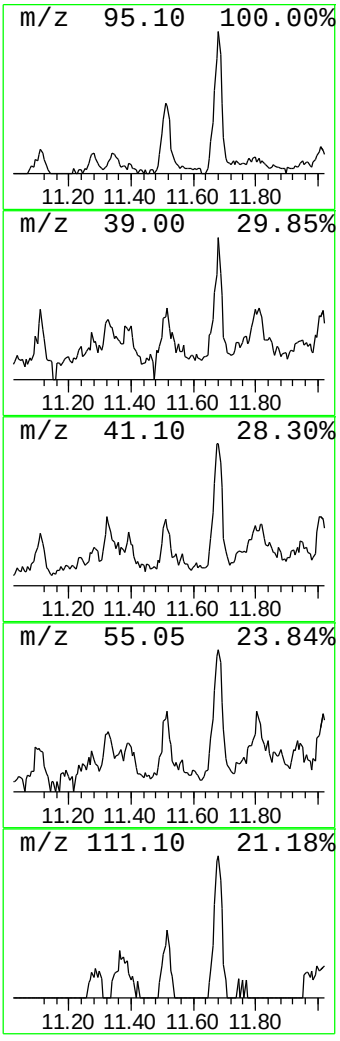
****

Peak Number 6 Cyclohexene, 3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	3.16 ng	58922	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	53
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	53
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	53
4	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	50
5	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	50





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Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

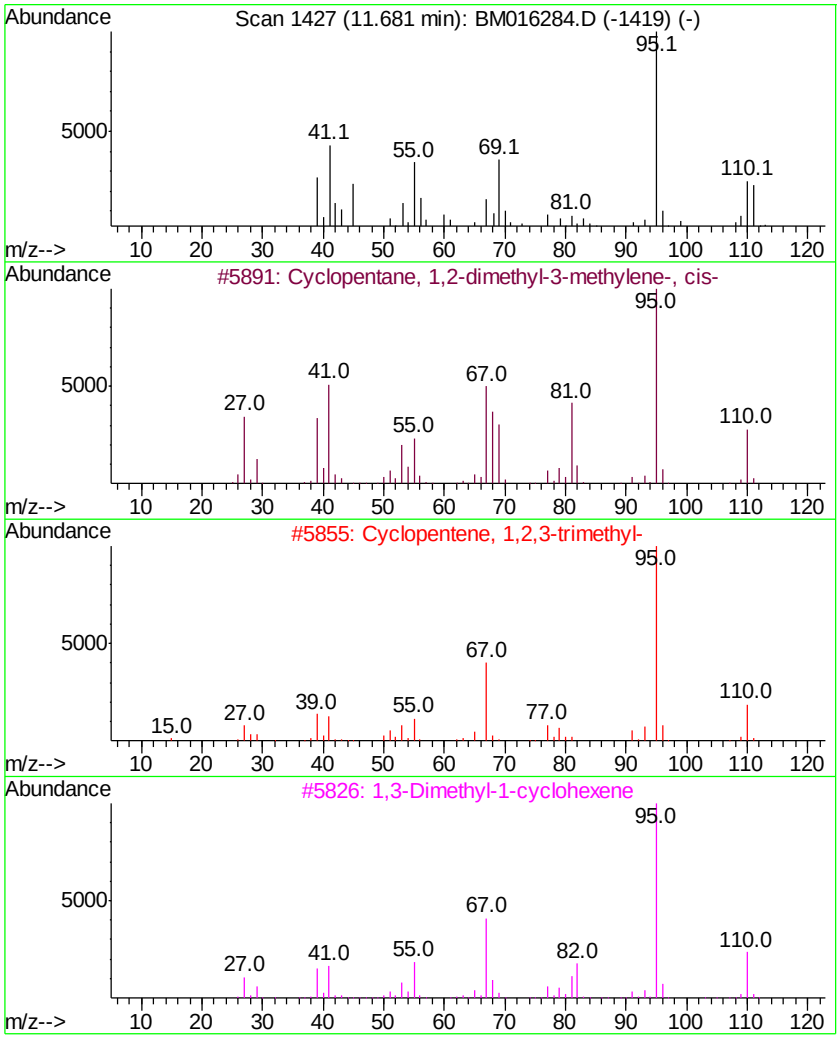
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

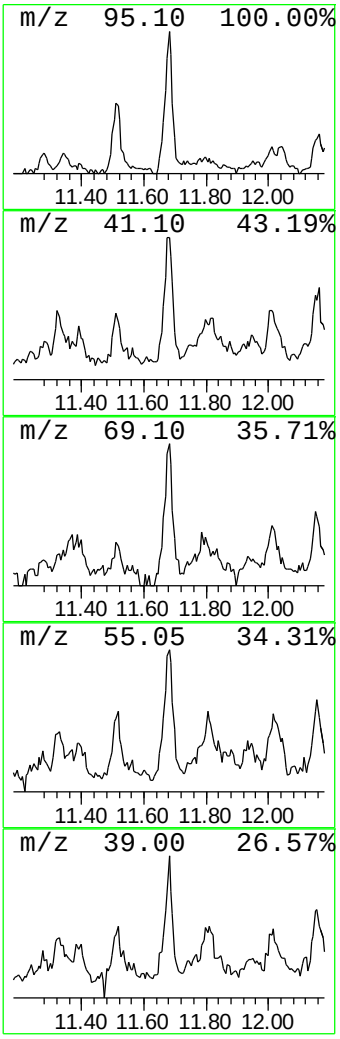
****

Peak Number 7 Cyclopentane, 1,2-dimethyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	6.80 ng	126779	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	52
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	52
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	52
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	50
5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	50





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Data File : BM016284.D
Acq On : 09 Aug 2018 16:41
Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

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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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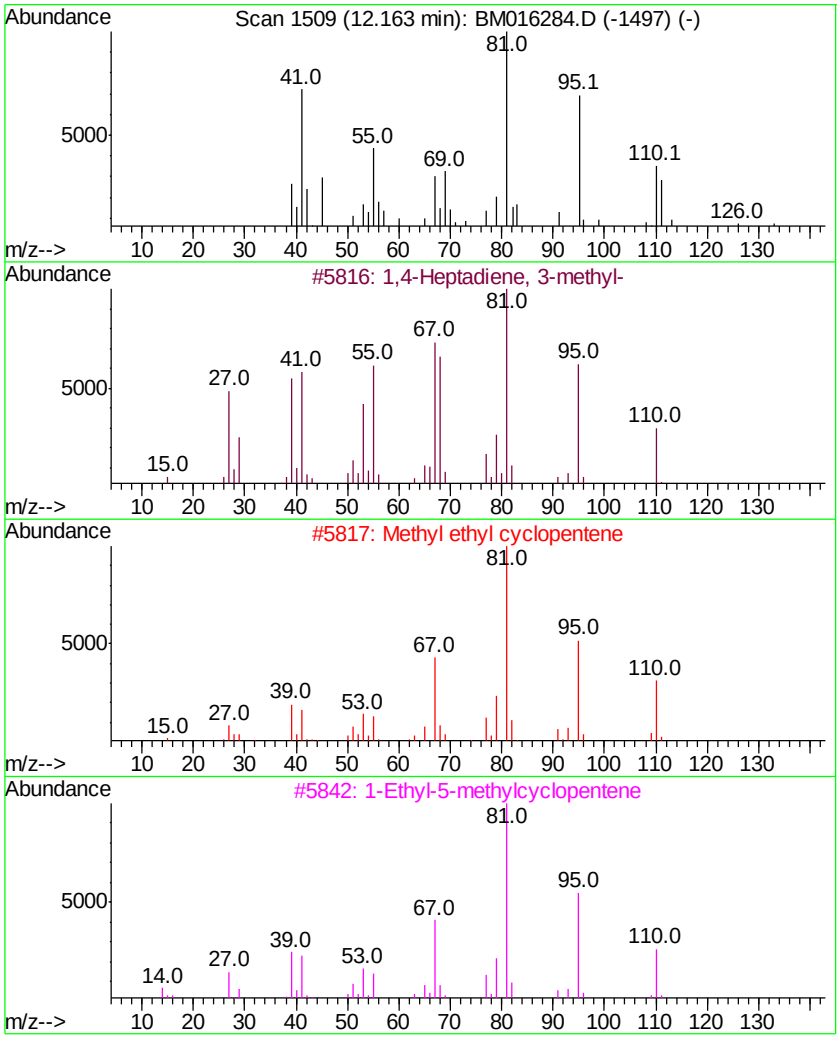
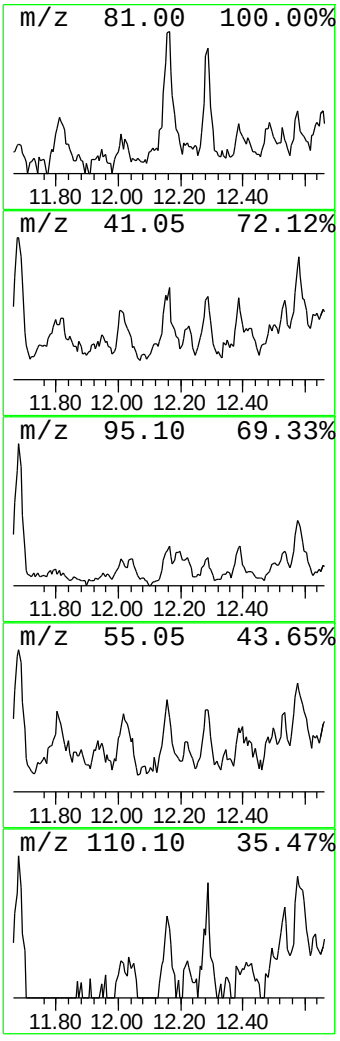
Peak Number 8 1,4-Heptadiene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	5.25 ng	97849	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	64
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	58
3	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	53
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	50
5	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	49





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Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

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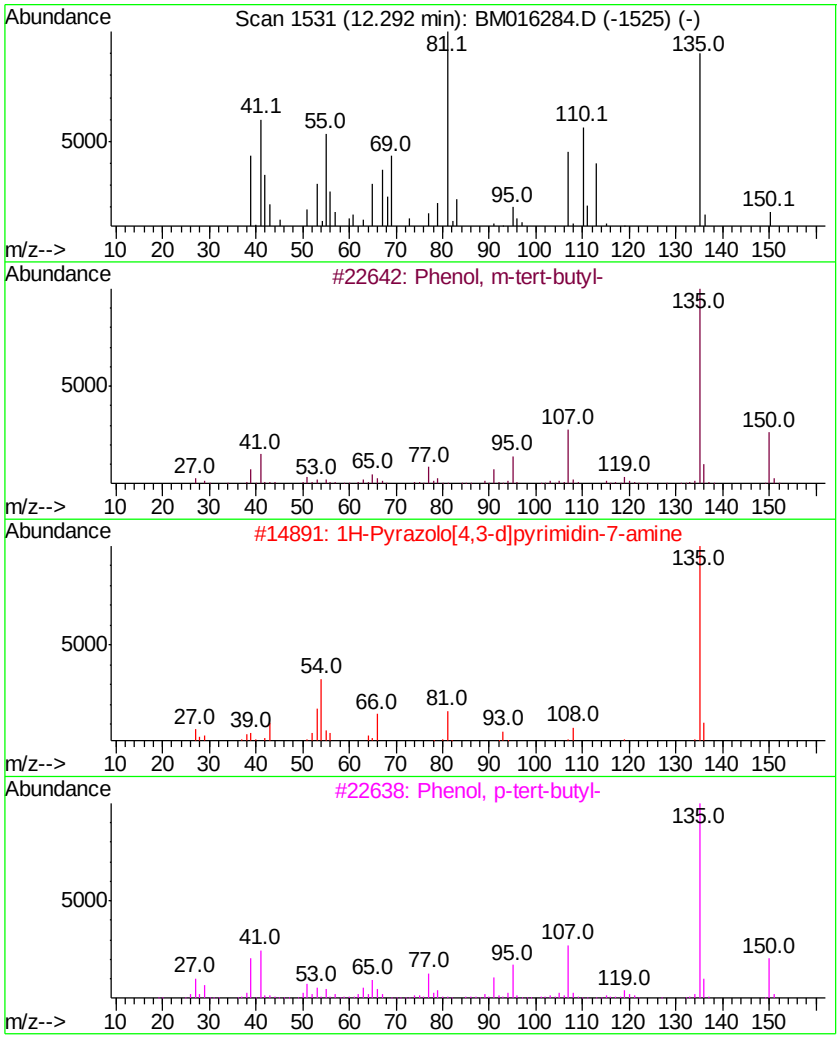
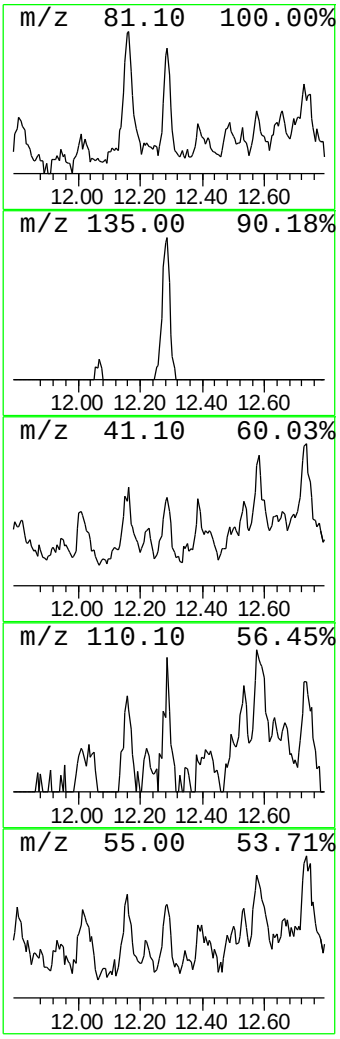
Peak Number 9 unknown12.29 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.63 ng	67686	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	46
2	1H-Pyrazolo[4,3-d]pyrimidin-7-amine	135	C5H5N5	013877-56-0	38
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	38
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	30
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	27





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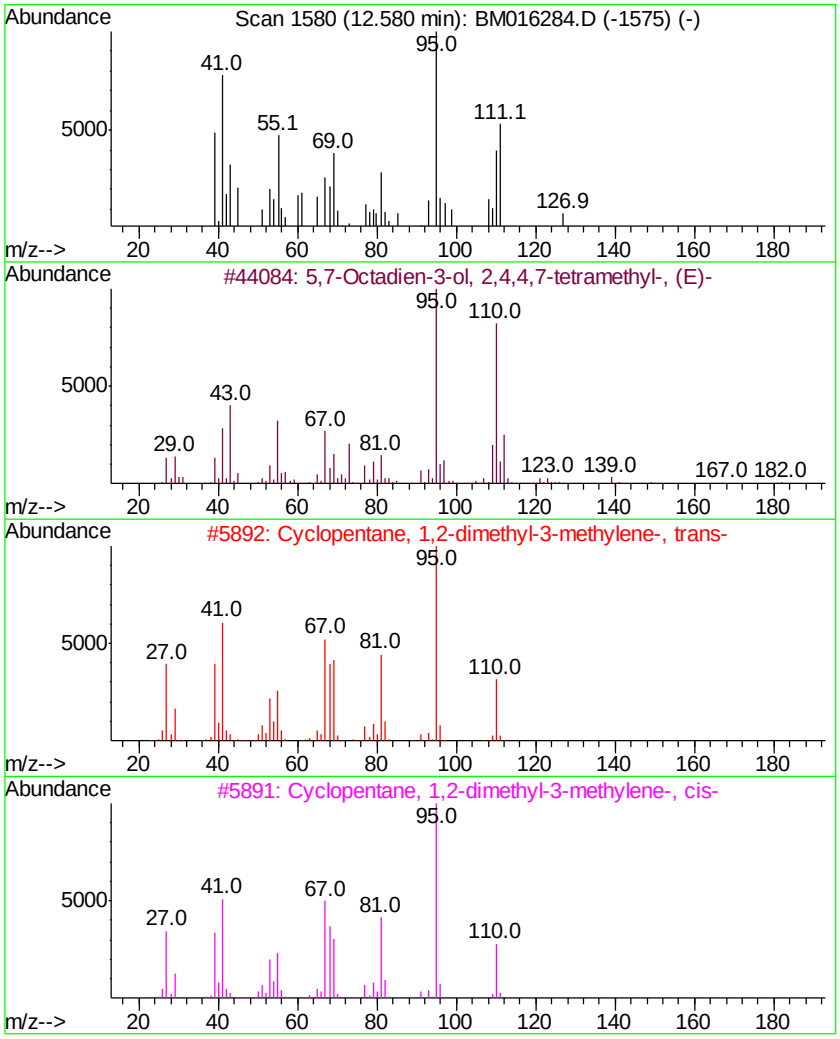
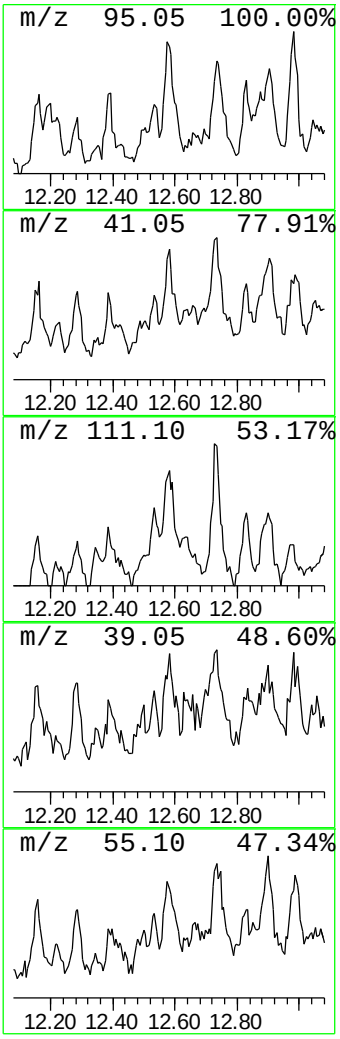
Peak Number 10 5,7-Octadien-3-ol, 2,4,4,7-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.22 ng	59972	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Octadien-3-ol, 2,4,4,7-tetra...	182	C12H22O	077142-78-0	50
2	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	50
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	50
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	47
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	46





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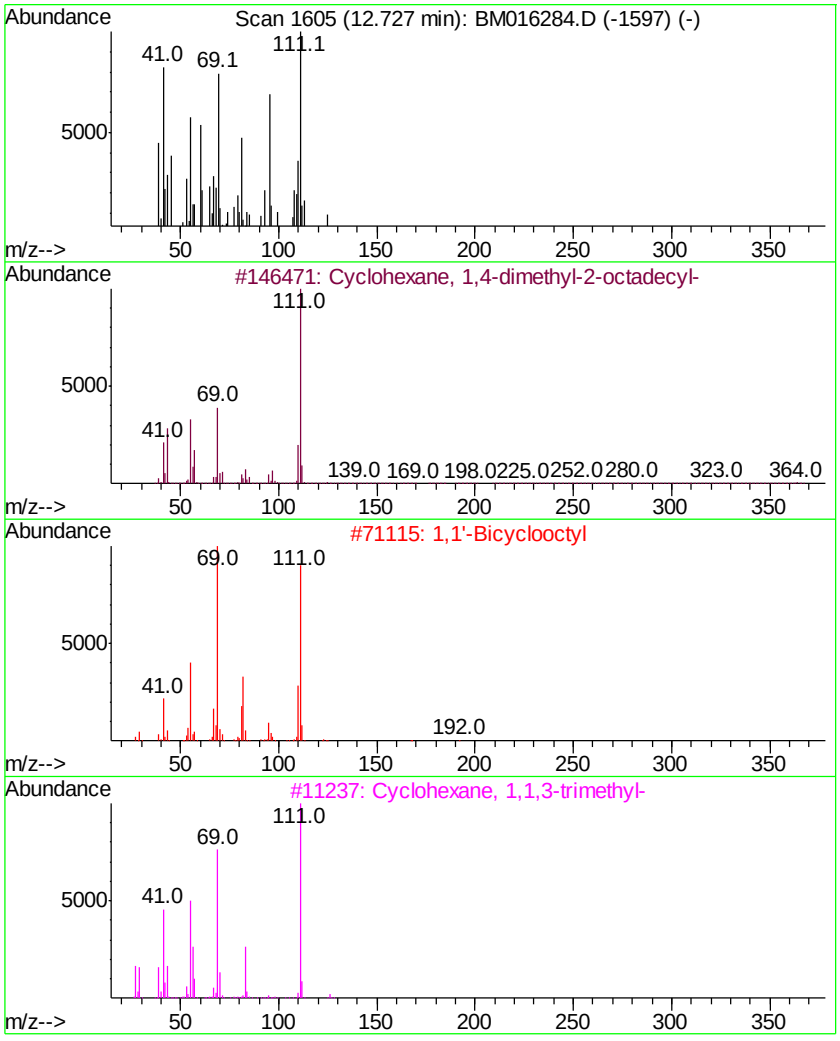
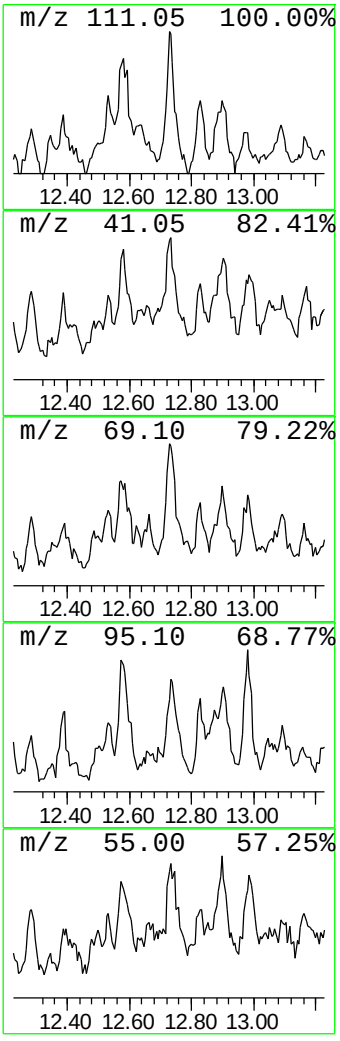
Peak Number 11 unknown12.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.86 ng	127919	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	38
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	38
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	35
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	25
5	3-Hydroxypyridine-N-oxide	111	C5H5NO2	006602-28-4	18





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ClientSampleId : MW-20

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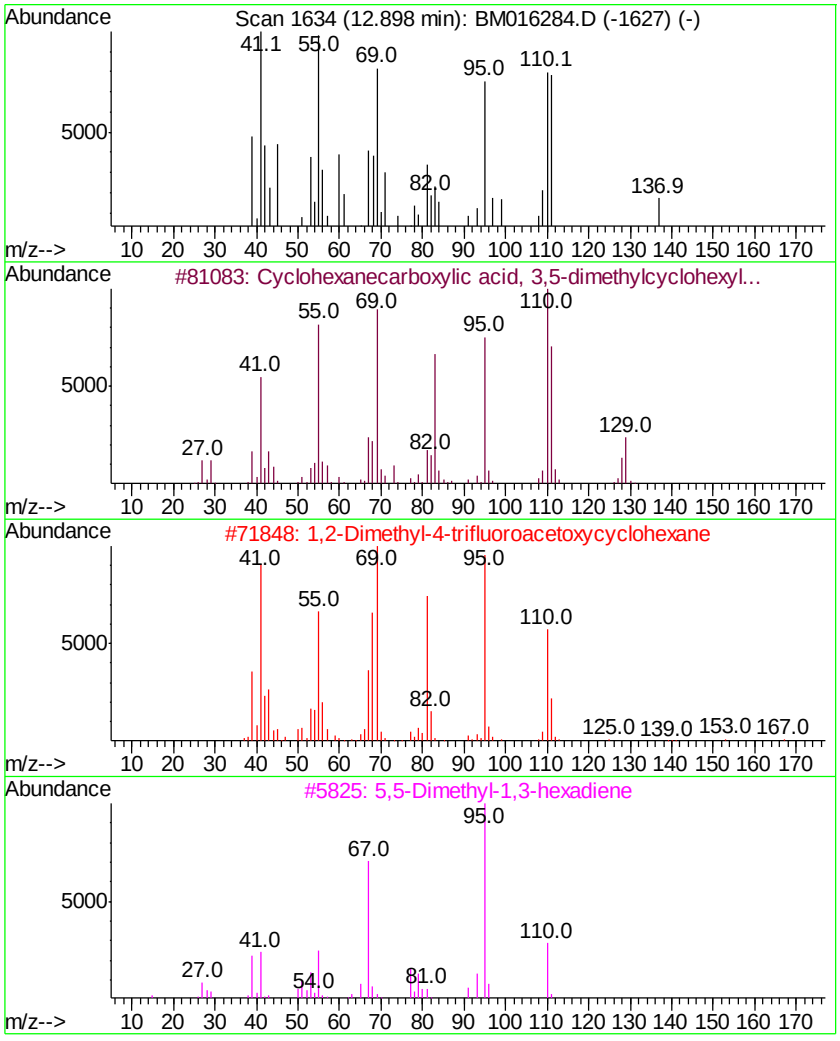
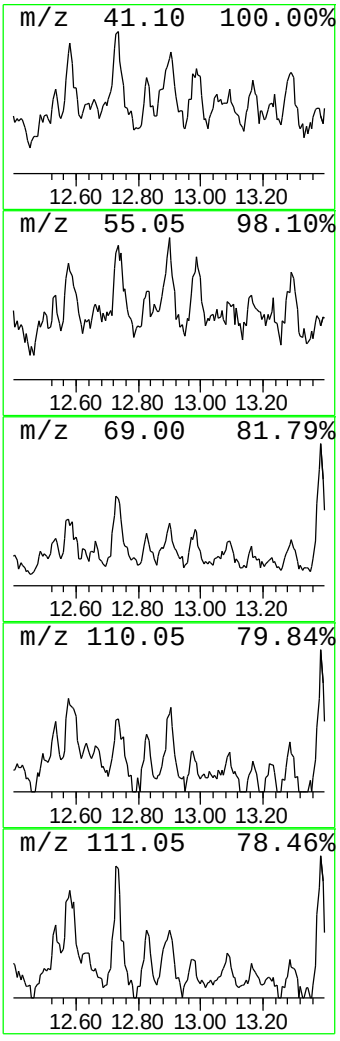
Peak Number 12 unknown12.90 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.48 ng	104139	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 3,5-...	238	C15H26O2	1000279-52-3	40
2	1,2-Dimethyl-4-trifluoroacetoxyc...	224	C10H15F3O2	330154-34-2	38
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	27
4	Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	25
5	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	22





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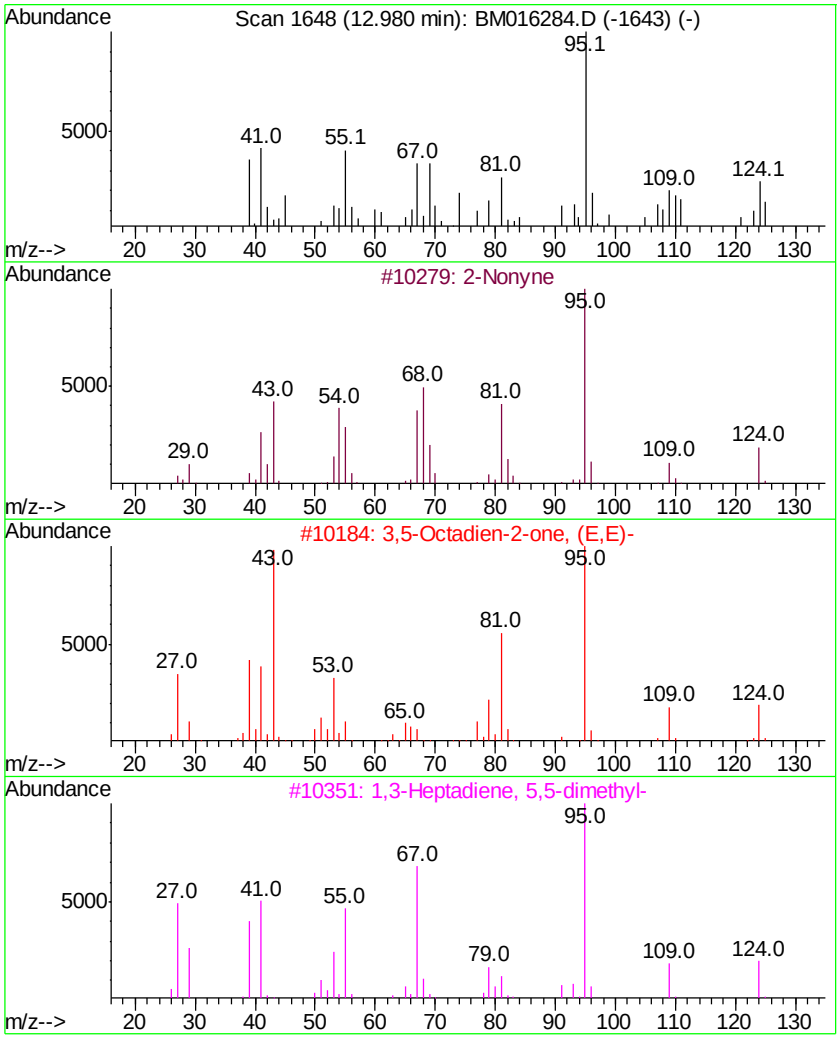
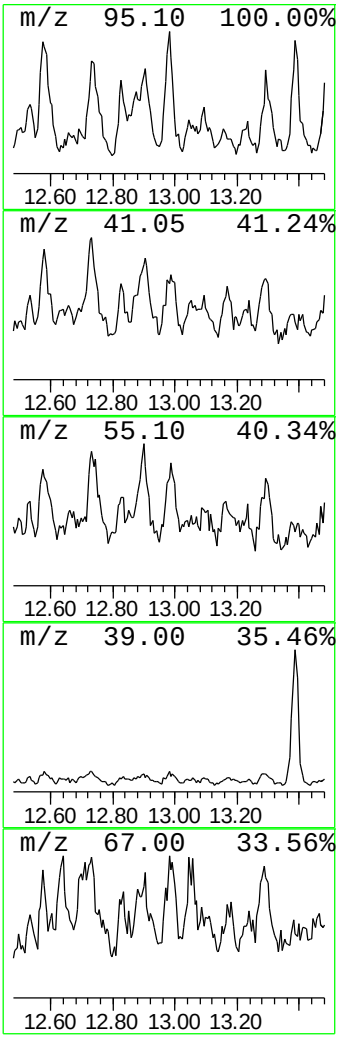
Peak Number 13 2-Nonyne Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	3.41 ng	79403	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonyne	124	C9H16	019447-29-1	50
2	3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	50
3	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	50
4	3,5-Octadien-2-one	124	C8H12O	038284-27-4	50
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43





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Instrument : BNA_M
ClientSampleId : MW-20

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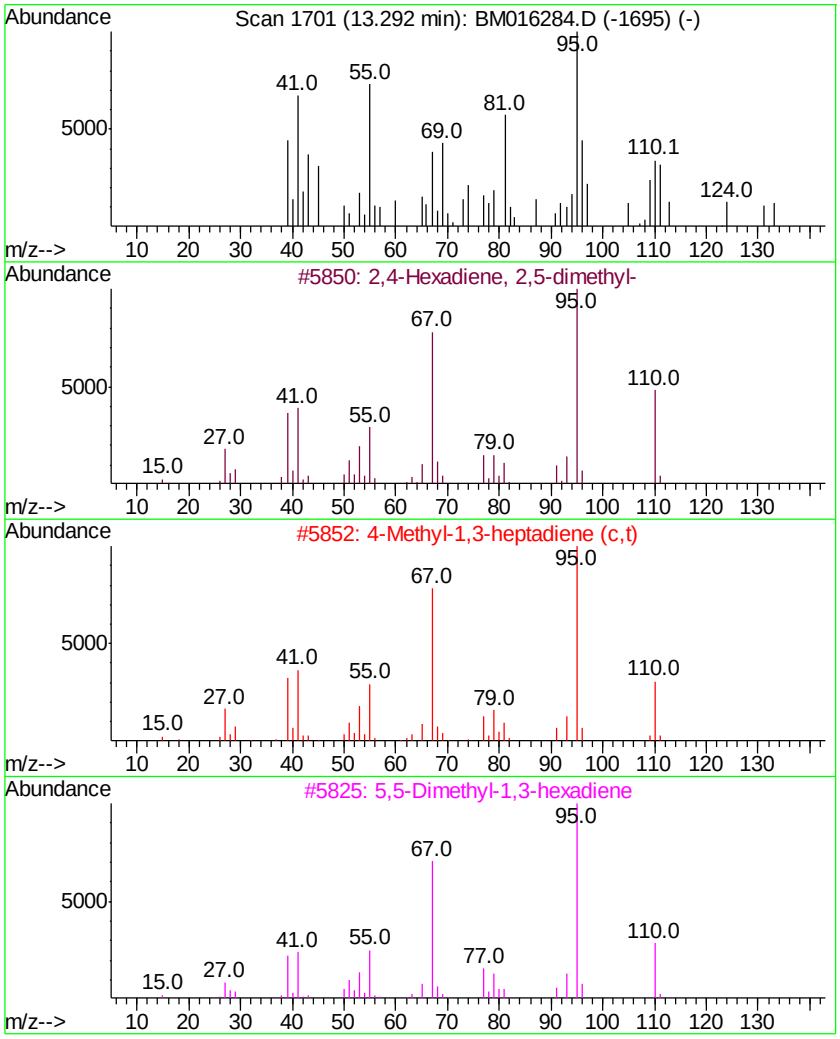
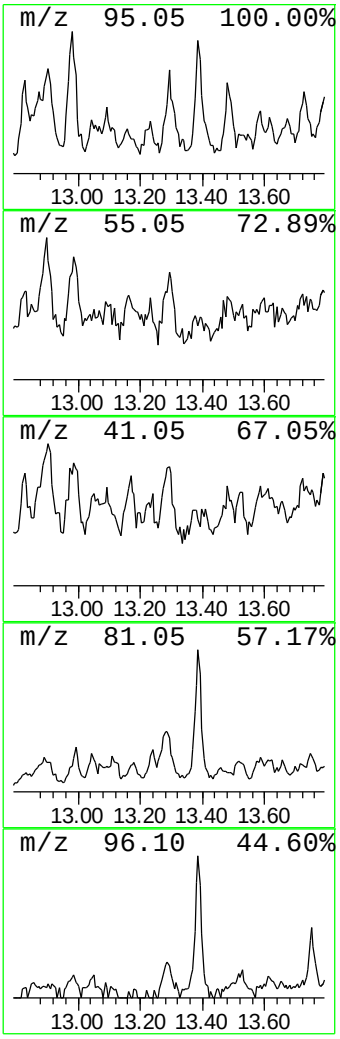
Peak Number 14 unknown13.29 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.38 ng	78740	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	43
2	4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	43
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	43
4	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	38
5	exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	35





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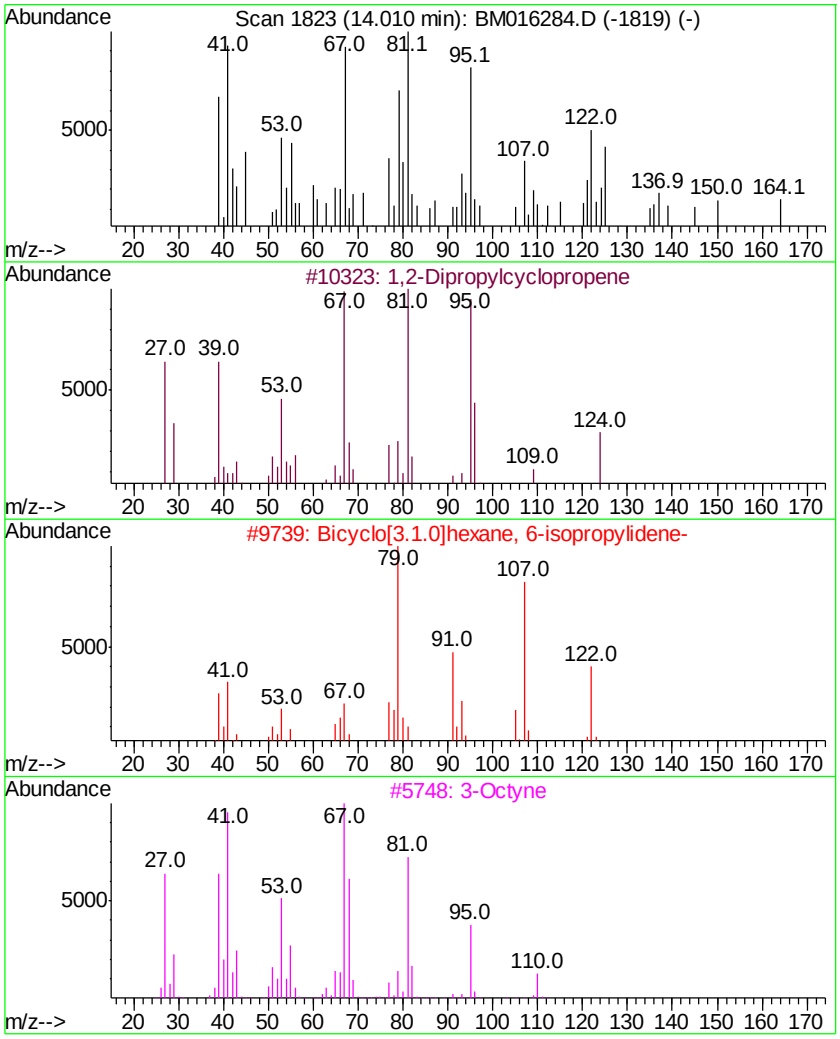
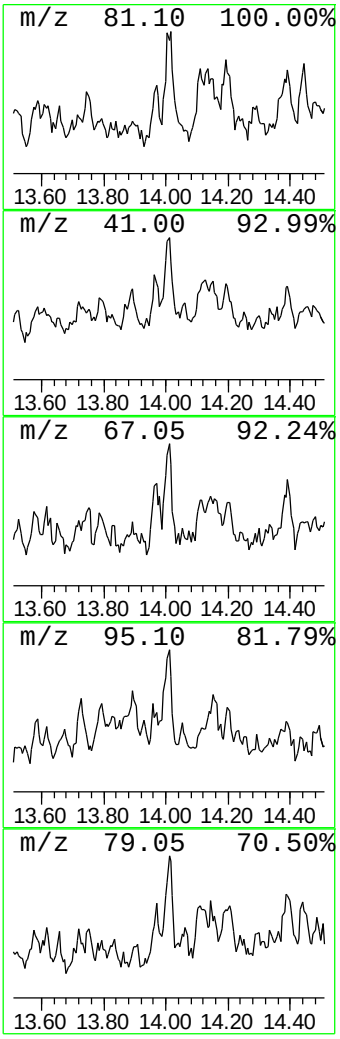
Peak Number 15 1,2-Dipropylcyclopropene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.26 ng	75908	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dipropylcyclopropene	124	C9H16	010306-92-0	52
2	Bicyclo[3.1.0]hexane, 6-isopropy...	122	C9H14	024524-58-1	43
3	3-Octyne	110	C8H14	015232-76-5	35
4	1,2-Hexadiene, 5-methyl-	96	C7H12	013865-36-6	27
5	Bicyclo[2.2.1]heptane, 2-(1-meth...	152	C11H20	074663-93-7	27





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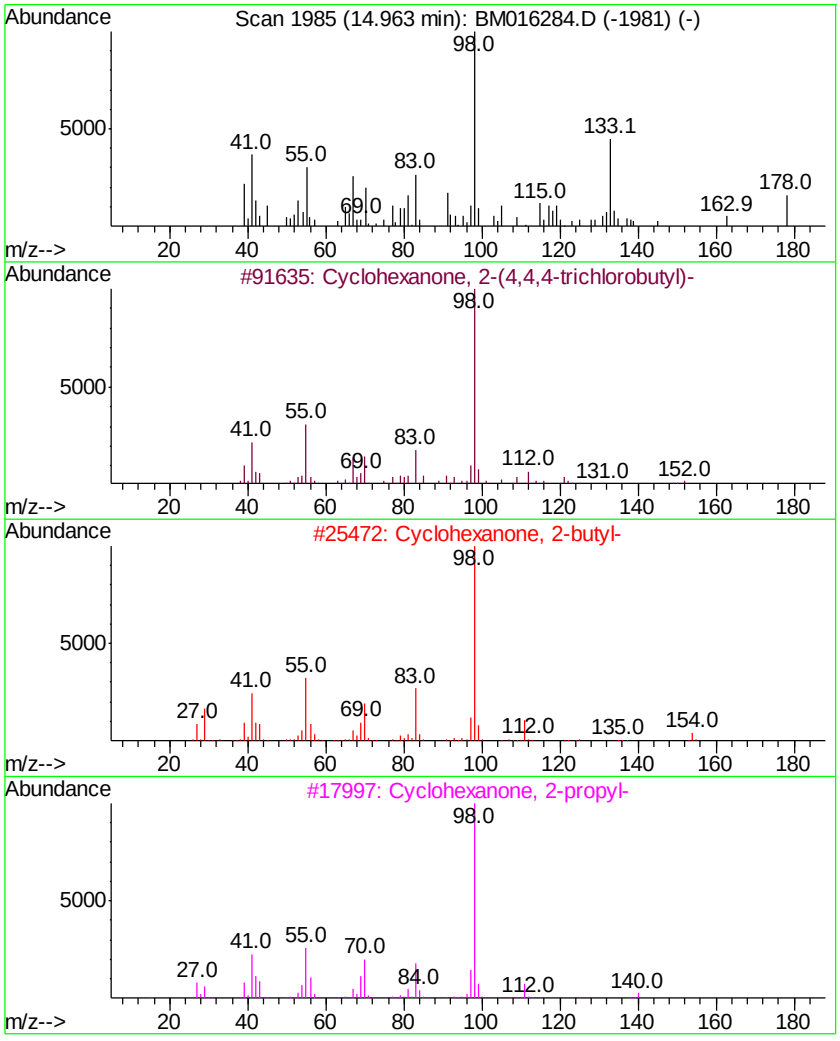
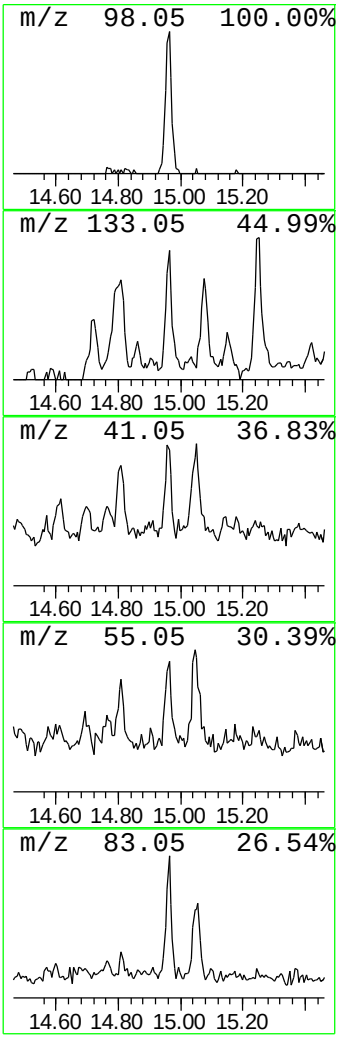
Peak Number 16 unknown14.96 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.20 ng	97627	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-(4,4,4-trichlor...	256	C10H15Cl3O	1000115-25-1	42
2	Cyclohexanone, 2-butyl-	154	C10H18O	001126-18-7	38
3	Cyclohexanone, 2-propyl-	140	C9H16O	000094-65-5	37
4	2-tert-Butylcyclohexanone	154	C10H18O	001728-46-7	37
5	Eperisone	259	C17H25NO	064840-90-0	37





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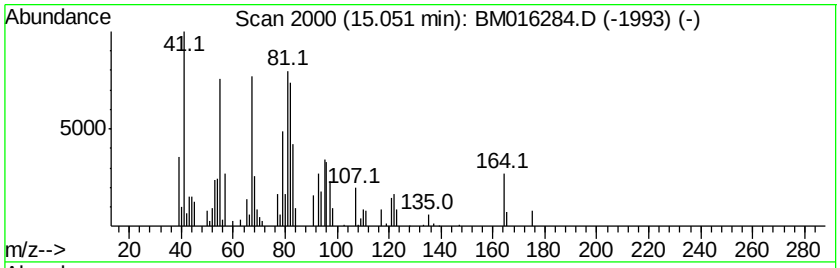
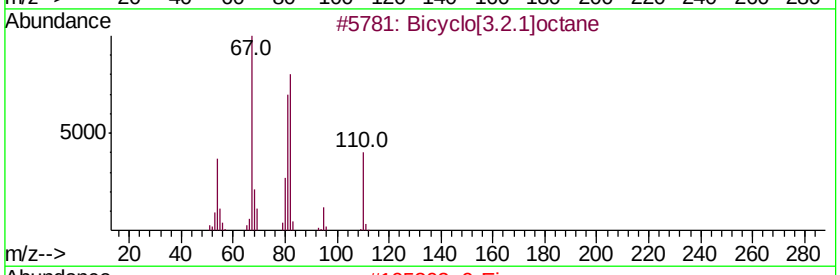
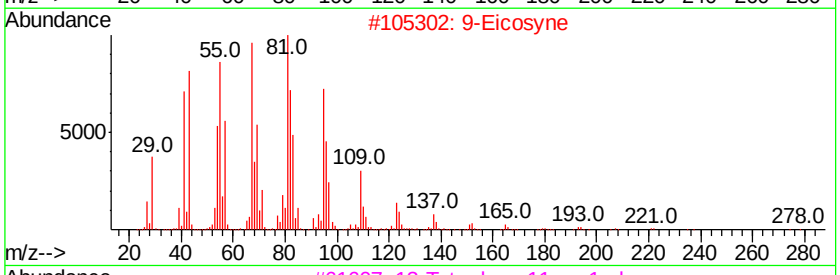
Peak Number 17 Bicyclo[3.2.1]octane Concentration Rank 5

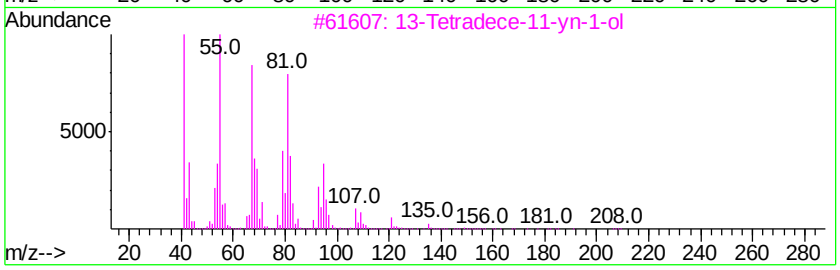
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	7.14 ng	166108	Acenaphthene-d10	14.77

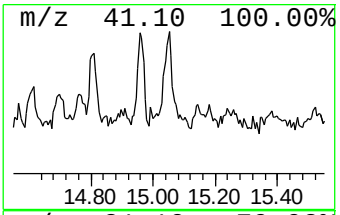
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	53
2	9-Eicosyne	278	C20H38	071899-38-2	50
3	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	50
4	Cyclohexene,1-cyclohexyl-	164	C12H20	003282-54-0	49
5	Cyclohexanepropanol-	142	C9H18O	001124-63-6	49

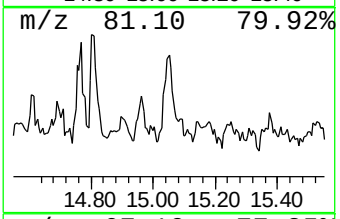


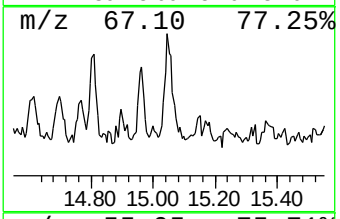


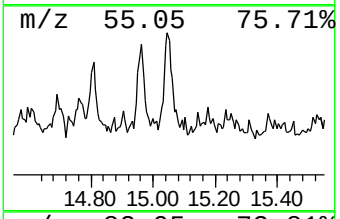


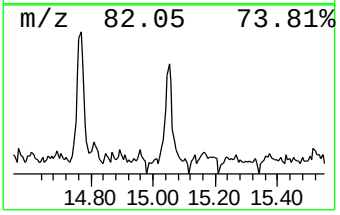












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Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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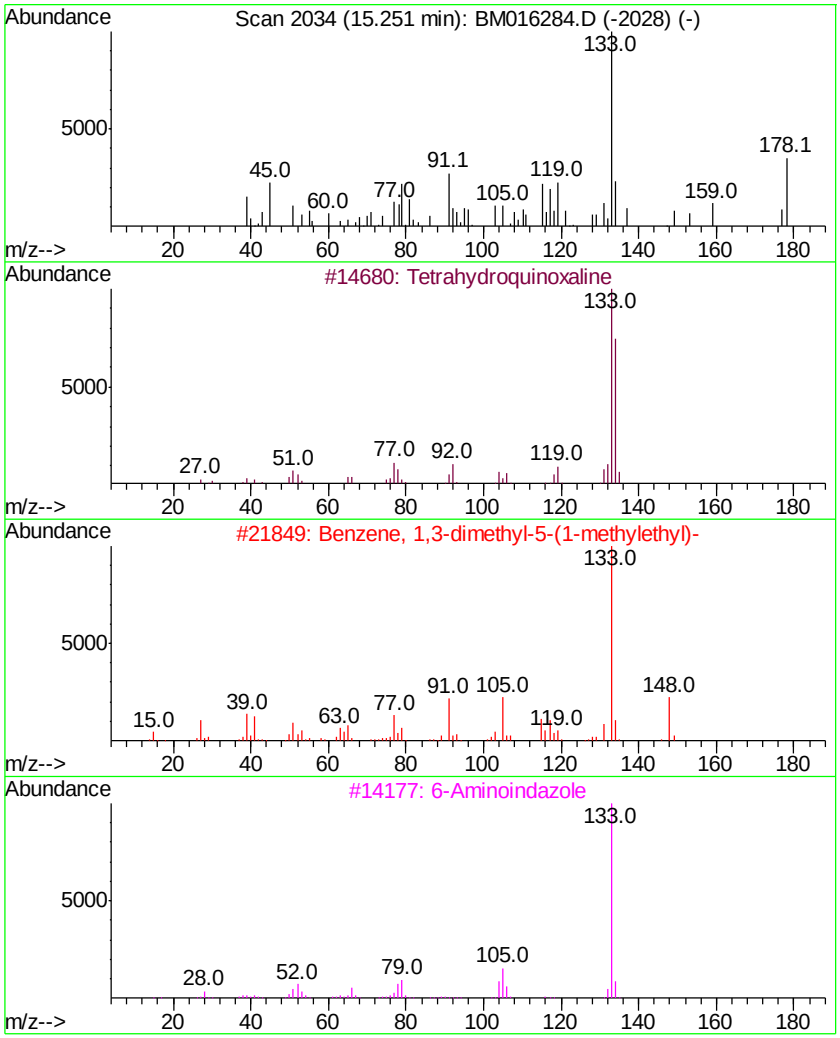
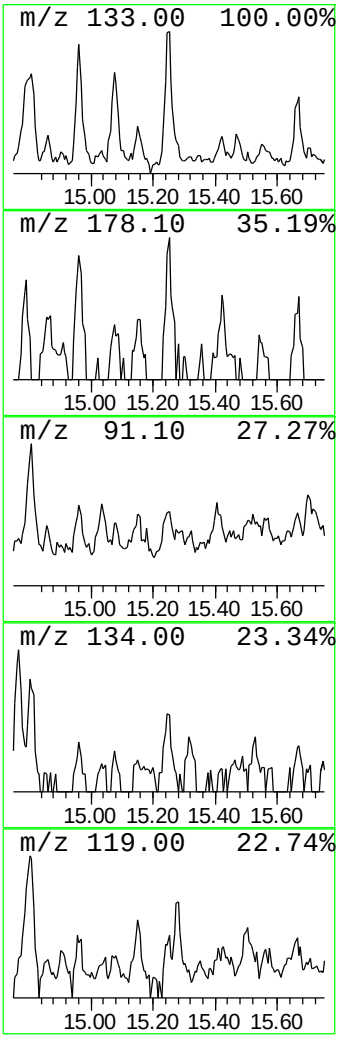
Peak Number 18 unknown15.25 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.25 ng	75592	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydroquinoxaline	134	C8H10N2	003476-89-9	47
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
3	6-Aminoindazole	133	C7H7N3	006967-12-0	38
4	N-Methyl-2-hydroxy-4-phenyl-3-bu...	191	C11H13NO2	087920-01-2	38
5	1H-Indol-5-ol	133	C8H7NO	001953-54-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016284.D
Acq On : 09 Aug 2018 16:41
Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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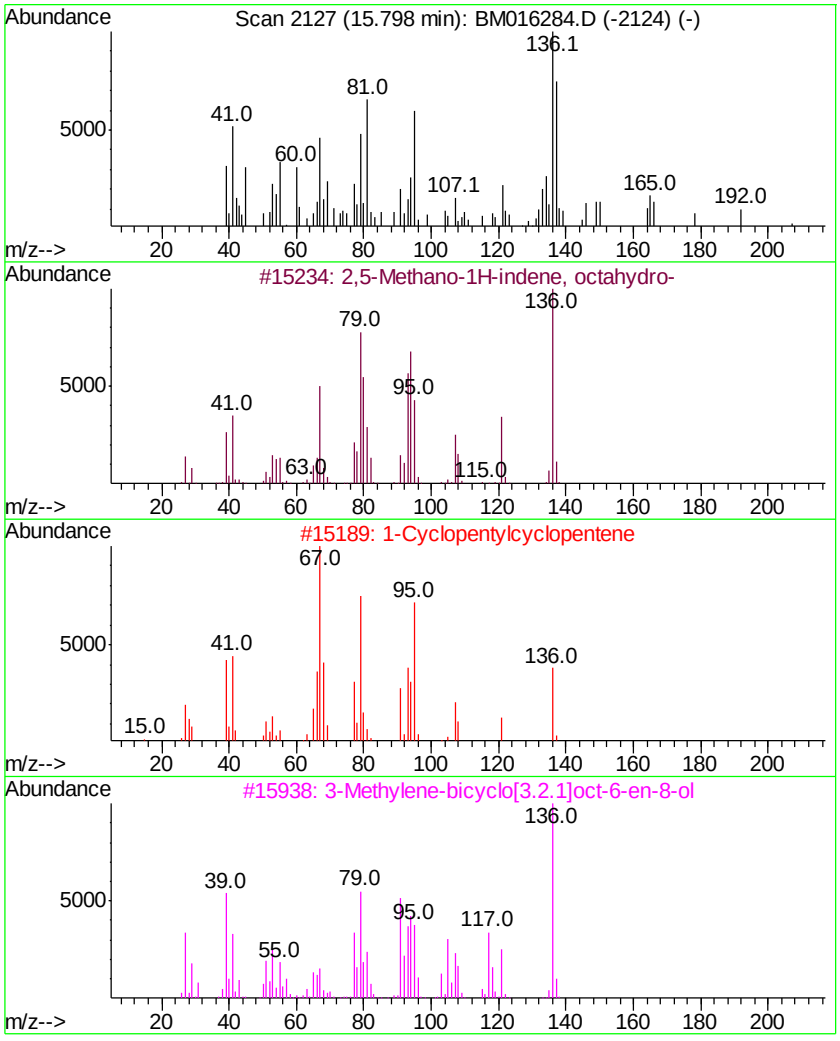
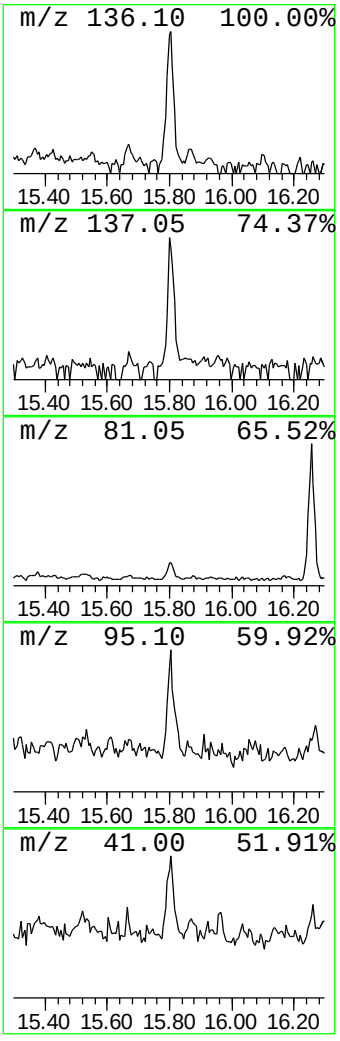
Peak Number 19 2,5-Methano-1H-indene, octa... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	4.14 ng	96216	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	55
2	1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	46
3	3-Methylene-bicyclo[3.2.1]oct-6-...	136	C9H12O	1000193-00-0	41
4	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	38
5	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016284.D
Acq On : 09 Aug 2018 16:41
Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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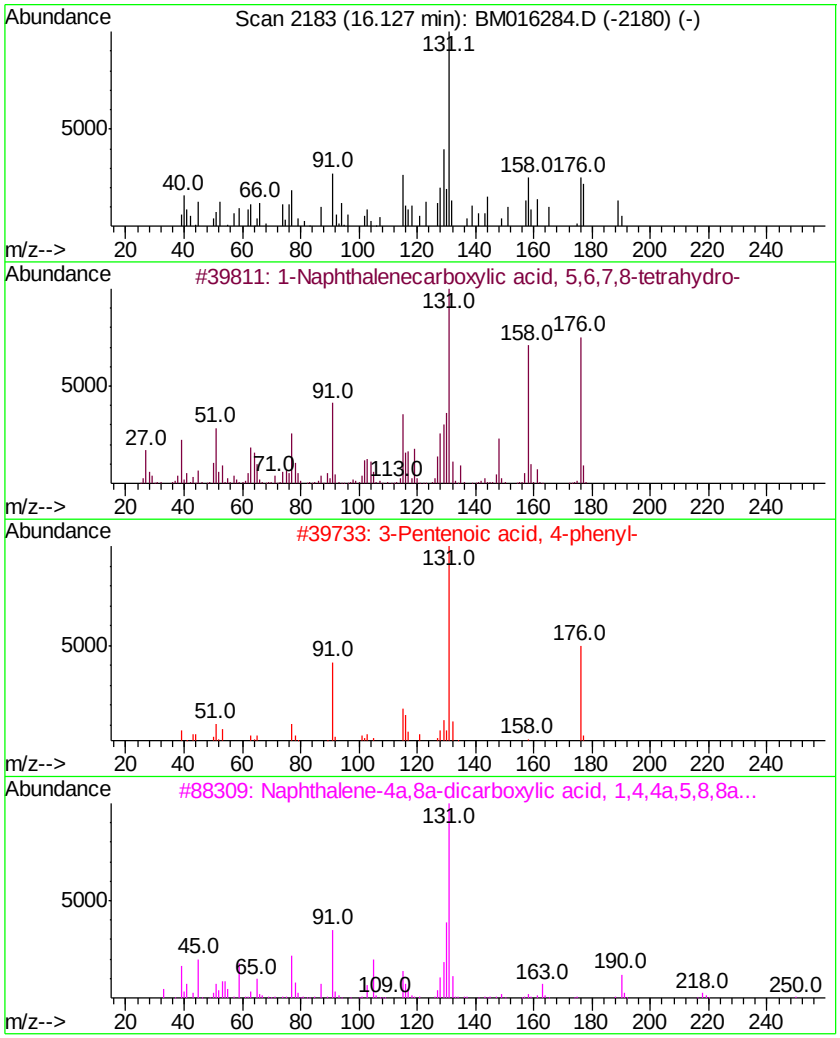
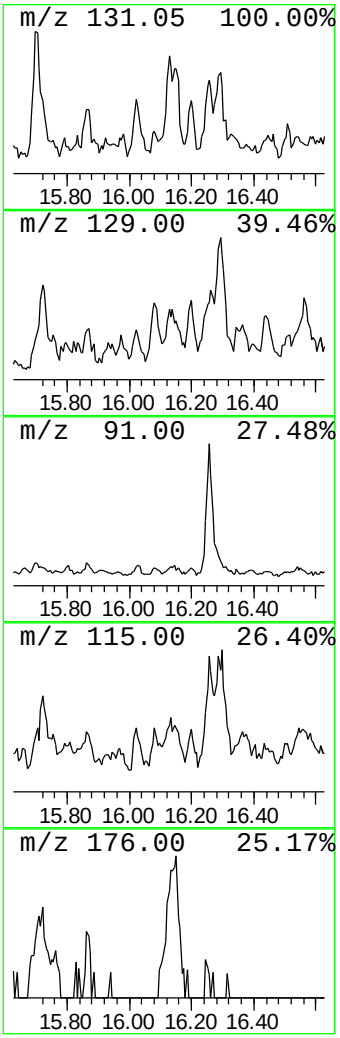
Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.49 ng	81231	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	76
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	30
3	Naphthalene-4a,8a-dicarboxylic a...	250	C14H18O4	007177-20-0	27
4	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	22
5	[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080918\
Data File : BM016284.D
Acq On : 09 Aug 2018 16:41
Operator : SJ/JU
Sample : J4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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
Hydrazinecarboxyl...	4.68	18.8	ng	303138	1	8.13	322117	20.0
2-Pentanone, 4-hy...	5.19	4.8	ng	77045	1	8.13	322117	20.0
unknown7.66	7.66	88.3	ng	1421460	1	8.13	322117	20.0
Bicyclo[2.2.1]hep...	9.65	10.3	ng	192350	2	10.95	372925	20.0
Cyclohexene, 3,5-...	11.52	3.2	ng	58922	2	10.95	372925	20.0
Cyclopentane, 1,2...	11.68	6.8	ng	126779	2	10.95	372925	20.0
1,4-Heptadiene, 3...	12.16	5.3	ng	97849	2	10.95	372925	20.0
unknown12.29	12.29	3.6	ng	67686	2	10.95	372925	20.0
5,7-Octadien-3-ol...	12.58	3.2	ng	59972	2	10.95	372925	20.0
unknown12.73	12.73	6.9	ng	127919	2	10.95	372925	20.0
unknown12.90	12.90	4.5	ng	104139	3	14.77	465242	20.0
2-Nonyne	12.98	3.4	ng	79403	3	14.77	465242	20.0
unknown13.29	13.29	3.4	ng	78740	3	14.77	465242	20.0
1,2-Dipropylcyclo...	14.01	3.3	ng	75908	3	14.77	465242	20.0
unknown14.96	14.96	4.2	ng	97627	3	14.77	465242	20.0
Bicyclo[3.2.1]octane	15.05	7.1	ng	166108	3	14.77	465242	20.0
unknown15.25	15.25	3.3	ng	75592	3	14.77	465242	20.0
2,5-Methano-1H-in...	15.80	4.1	ng	96216	3	14.77	465242	20.0
1-Naphthalenecarb...	16.13	3.5	ng	81231	3	14.77	465242	20.0