LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003801.D
Acq On : 25 Dec 2015 05:41
Operator : UM/SJ
Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

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_M\METHODS\8270-BM120915.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	3.710	102	106	112	rBV	20492	26270	2.10%	0.175%
2	4.798	286	291	301	rVB	67842	88851	7.11%	0.591%
3	5.269	363	371	378	rBV	266685	372295	29.80%	2.476%
4	5.687	436	442	447	rBV3	13744	28481	2.28%	0.189%
5	6.857	636	641	652	rVB	150604	249088	19.94%	1.657%
6	7.134	684	688	692	rBV2	13031	19738	1.58%	0.131%
7	7.216	696	702	709	rBV	486720	758584	60.72%	5.046%
8	7.375	720	729	734	rBV2	34350	56264	4.50%	0.374%
9	7.463	740	744	748	rBV2	14701	22967	1.84%	0.153%
10	7.681	771	781	787	rBV	151384	245965	19.69%	1.636%
11	7.745	787	792	800	rVV2	35464	74745	5.98%	0.497%
12	7.833	802	807	817	rVB5	17326	51522	4.12%	0.343%
13	7.957	817	828	829	rBV3	14217	22663	1.81%	0.151%
14	7.998	829	835	842	rVB	449710	744741	59.61%	4.954%
15	8.328	887	891	895	rBV4	11293	19152	1.53%	0.127%
16	8.375	895	899	910	rVV4	11408	25350	2.03%	0.169%
17	8.469	910	915	917	rVV2	8904	14365	1.15%	0.096%
18	8.504	917	921	926	rVB2	11816	19392	1.55%	0.129%
19	8.733	952	960	965	rBV2	20006	33972	2.72%	0.226%
20	8.780	965	968	972	rVB3	11321	15315	1.23%	0.102%
21	8.839	972	978	986	rBV	341477	582105	46.59%	3.872%
22	8.916	986	991	999	rVV	49181	84581	6.77%	0.563%
23	9.022	1005	1009	1014	rBV5	7959	14864	1.19%	0.099%
24	9.128	1025	1027	1034	rVB6	9969	16579	1.33%	0.110%
25	9.257	1041	1049	1053	rBV5	7961	16587	1.33%	0.110%
26	9.392	1064	1072	1077	rVB6	17479	43527	3.48%	0.290%
27	9.475	1082	1086	1094	rVB4	16246	35861	2.87%	0.239%
28	9.663	1111	1118	1124	rBV6	10665	24069	1.93%	0.160%
29	9.739	1124	1131	1136	rVB6	19096	43576	3.49%	0.290%
30	9.827	1139	1146	1151	rBV7	12985	28050	2.25%	0.187%
31	9.886	1151	1156	1163	rBV5	20529	35849	2.87%	0.238%
32	10.016	1173	1178	1182	rVB2	23620	36773	2.94%	0.245%
33	10.198	1200	1209	1213	rBV3	25645	66640	5.33%	0.443%
34	10.251	1213	1218	1224	rVB3	32147	61605	4.93%	0.410%

LSC Area Percent Report

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Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

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_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.316	1224	1229	1239	rBV7	22114	68360	5.47%	0.455%
36	10.398	1239	1243	1248	rVB4	10244	15924	1.27%	0.106%
37	10.469	1248	1255	1262	rBV	196429	355620	28.46%	2.365%
38	10.580	1271	1274	1279	rBV2	17175	27741	2.22%	0.185%
39	10.633	1279	1283	1289	rVB4	29512	54272	4.34%	0.361%
40	10.827	1312	1316	1321	rBV4	8102	16781	1.34%	0.112%
41	10.886	1321	1326	1333	rVV6	14087	37395	2.99%	0.249%
42	11.004	1342	1346	1350	rBV	22874	38416	3.07%	0.256%
43	11.057	1350	1355	1362	rVB2	29682	70156	5.62%	0.467%
44	11.227	1381	1384	1387	rVB4	11504	14065	1.13%	0.094%
45	11.274	1388	1392	1397	rBV4	16374	27956	2.24%	0.186%
46	11.327	1397	1401	1405	rVB4	13694	20078	1.61%	0.134%
47	11.374	1405	1409	1417	rVB8	16184	38613	3.09%	0.257%
48	11.463	1417	1424	1425	rBV6	11670	22016	1.76%	0.146%
49	11.492	1425	1429	1434	rBV	44764	69850	5.59%	0.465%
50	11.586	1441	1445	1455	rVB7	26572	62231	4.98%	0.414%
51	11.716	1460	1467	1477	rBV	55476	114257	9.15%	0.760%
52	11.821	1477	1485	1490	rBV2	41144	77713	6.22%	0.517%
53	11.921	1497	1502	1507	rVB	63350	98456	7.88%	0.655%
54	12.033	1518	1521	1526	rVB5	21150	29714	2.38%	0.198%
55	12.104	1529	1533	1544	rBV7	19949	71447	5.72%	0.475%
56	12.257	1555	1559	1570	rVB8	18032	35494	2.84%	0.236%
57	12.357	1571	1576	1580	rBV5	28037	49546	3.97%	0.330%
58	12.463	1581	1594	1598	rBV	242049	647658	51.84%	4.308%
59	12.668	1625	1629	1635	rVB	45634	73325	5.87%	0.488%
60	12.845	1654	1659	1666	rVB3	104414	214727	17.19%	1.428%
61	12.951	1671	1677	1683	rVB	834475	1249384	100.00%	8.310%
62	13.139	1703	1709	1713	rBV4	45480	88951	7.12%	0.592%
63	13.204	1717	1720	1728	rVB2	42383	62813	5.03%	0.418%
64	13.280	1729	1733	1738	rBV5	28992	51509	4.12%	0.343%
65	13.551	1774	1779	1787	rBV	122421	258270	20.67%	1.718%
66	13.792	1814	1820	1823	rBV	89103	161184	12.90%	1.072%
67	13.845	1826	1829	1838	rVB	109921	175913	14.08%	1.170%
68	13.921	1838	1842	1847	rBV	40559	72991	5.84%	0.486%
69	13.986	1848	1853	1858	rVB4	90093	140757	11.27%	0.936%
70	14.051	1859	1864	1872	rVB6	63075	123345	9.87%	0.820%
71	14.268	1897	1901	1905	rBV6	22020	47137	3.77%	0.314%

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Misc :
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Instrument : BNA_M
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Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.333	1907	1912	1924	rVB2	265860	453634	36.31%	3.017%
73	14.504	1936	1941	1943	rBV	68056	101571	8.13%	0.676%
74	14.539	1944	1947	1953	rVB3	55755	97018	7.77%	0.645%
75	14.621	1958	1961	1966	rVB2	56627	72539	5.81%	0.482%
76	14.745	1978	1982	1986	rBV2	89587	157043	12.57%	1.045%
77	14.815	1991	1994	1997	rBV2	43669	62282	4.99%	0.414%
78	14.974	2018	2021	2030	rVB	107998	229027	18.33%	1.523%
79	15.174	2051	2055	2059	rBV6	37972	64466	5.16%	0.429%
80	15.368	2084	2088	2091	rBV3	57162	96098	7.69%	0.639%
81	15.733	2143	2150	2156	rBV2	426241	790354	63.26%	5.257%
82	15.833	2162	2167	2170	rBV	458116	694435	55.58%	4.619%
83	16.862	2339	2342	2346	rVB	119385	154995	12.41%	1.031%
84	17.086	2376	2380	2386	rVB2	256914	370037	29.62%	2.461%
85	17.998	2531	2535	2539	rBV2	200400	286251	22.91%	1.904%
86	19.280	2750	2753	2763	rVB	179977	234374	18.76%	1.559%
87	19.721	2824	2828	2840	rVB	961470	1236330	98.96%	8.223%
88	21.286	3090	3094	3101	rVB	428698	561312	44.93%	3.734%
89	23.521	3468	3474	3482	rVB2	307952	607944	48.66%	4.044%

Sum of corrected areas: 15034161

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003801.D
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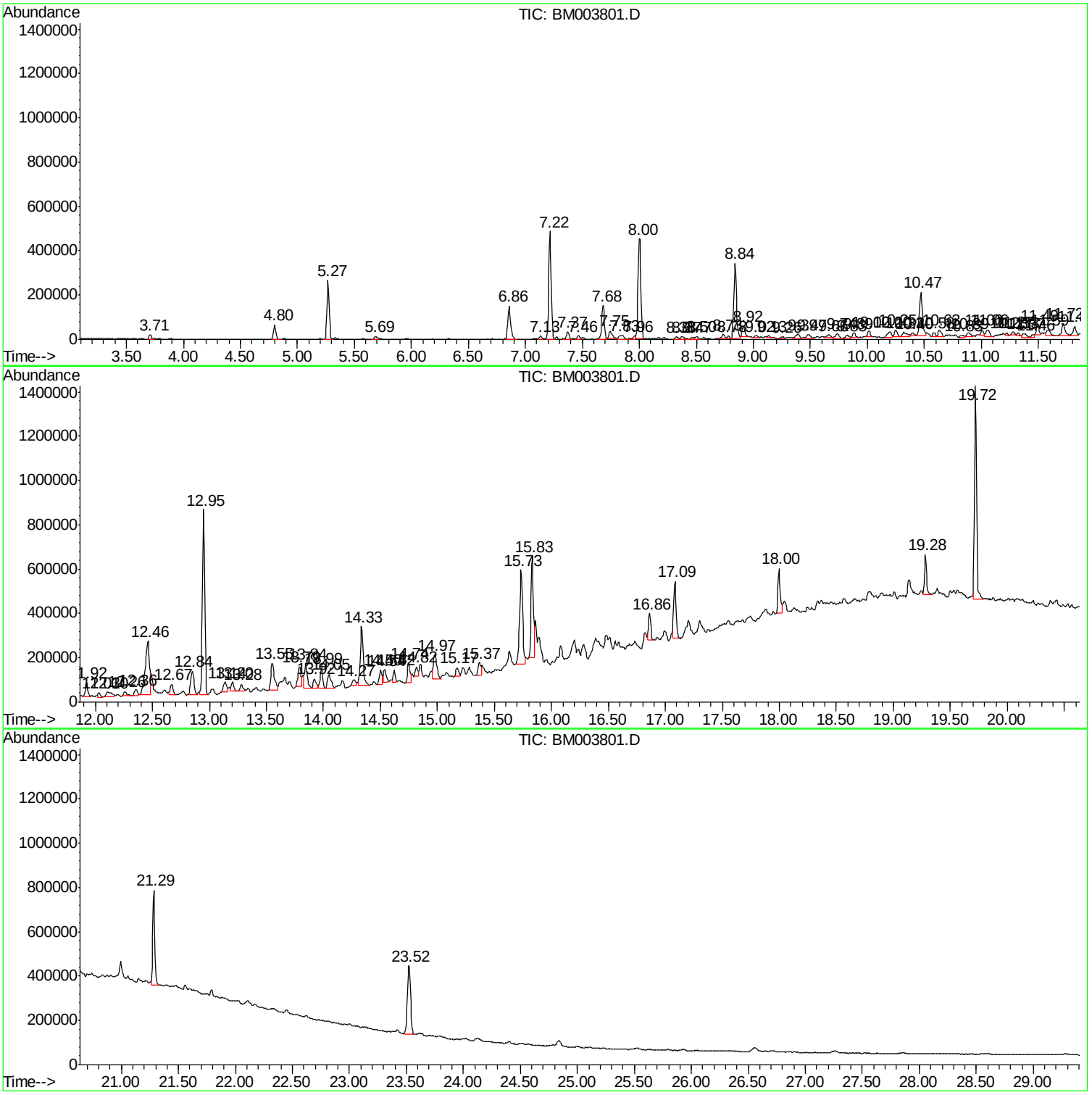
Operator : UM/SJ
Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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 M\DATA\BM122515\
Data File : BM003801.D
Acq On : 25 Dec 2015 05:41
Operator : UM/SJ
Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

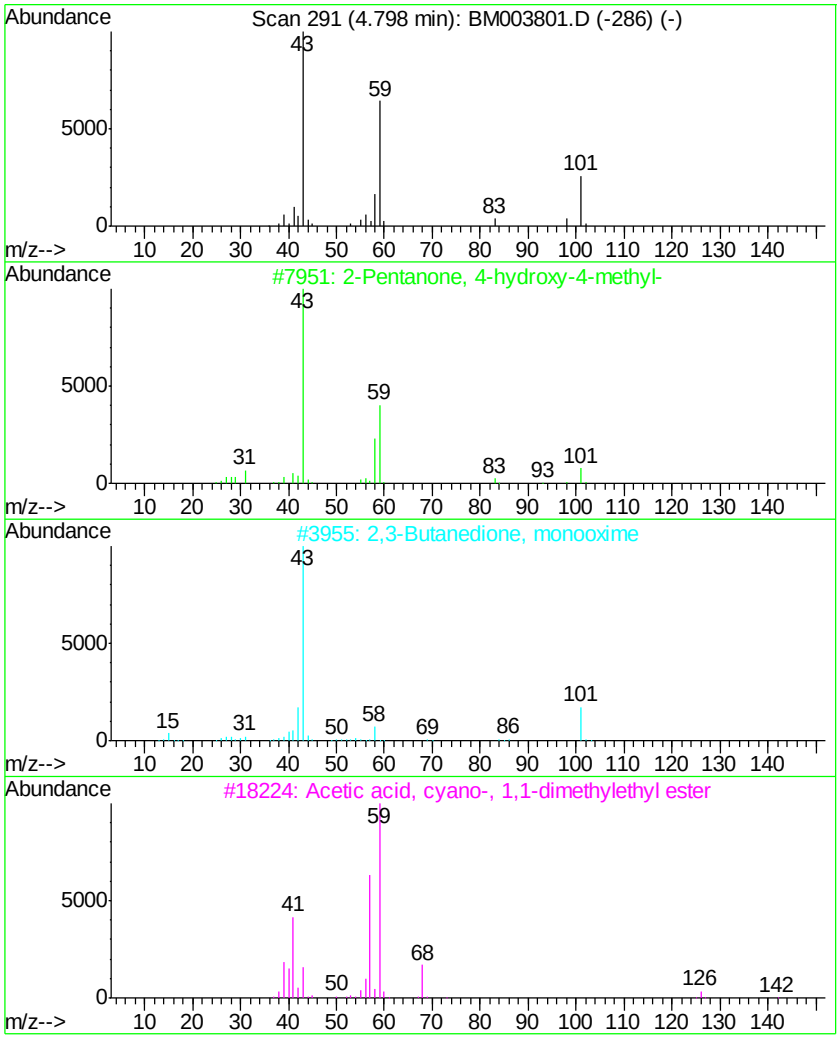
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

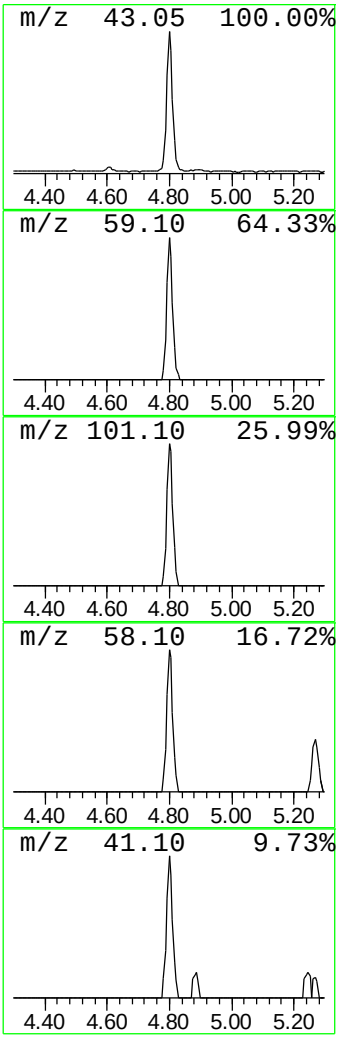
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	7.22 ng	88851	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003801.D
Acq On : 25 Dec 2015 05:41
Operator : UM/SJ
Sample : G4952-01
Misc :
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Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

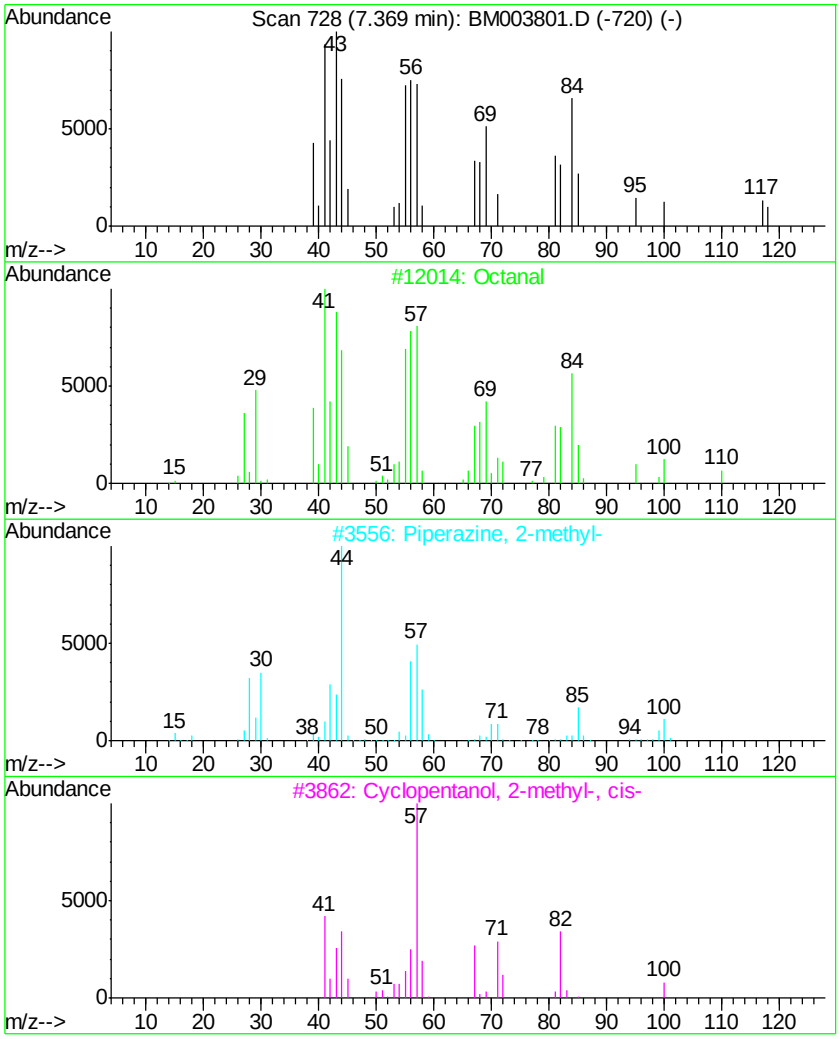
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

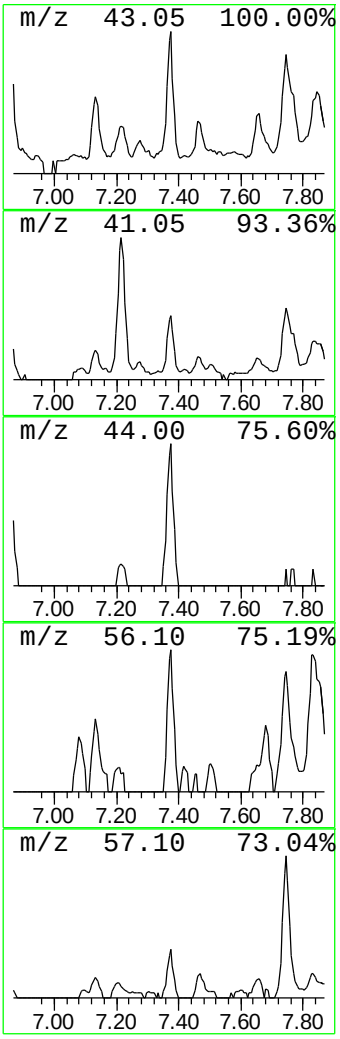
****

Peak Number 3 Octanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	4.57 ng	56264	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	87
2	Piperazine, 2-methyl-	100	C5H12N2	000109-07-9	47
3	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	38
4	2-Nonen-1-ol	142	C9H18O	022104-79-6	37
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	35





Library Search Compound Report

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Data File : BM003801.D
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Operator : UM/SJ
Sample : G4952-01
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Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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TIC Library : C:\DATABASE\NIST02.L
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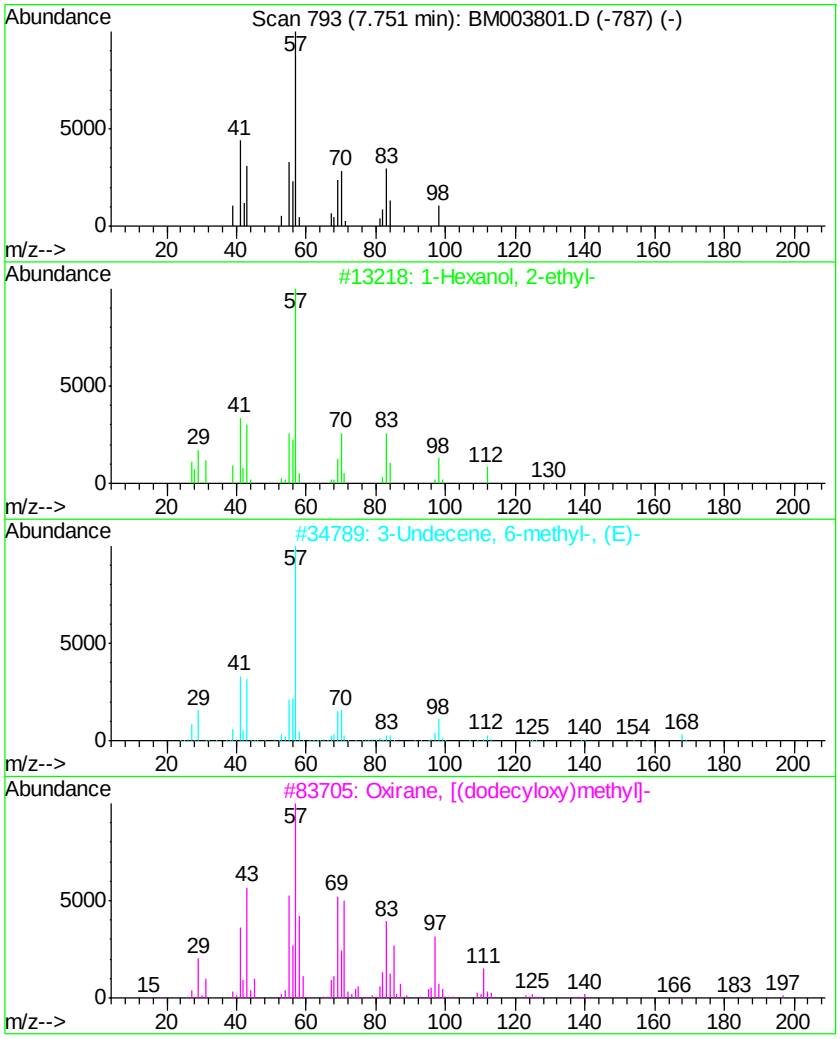
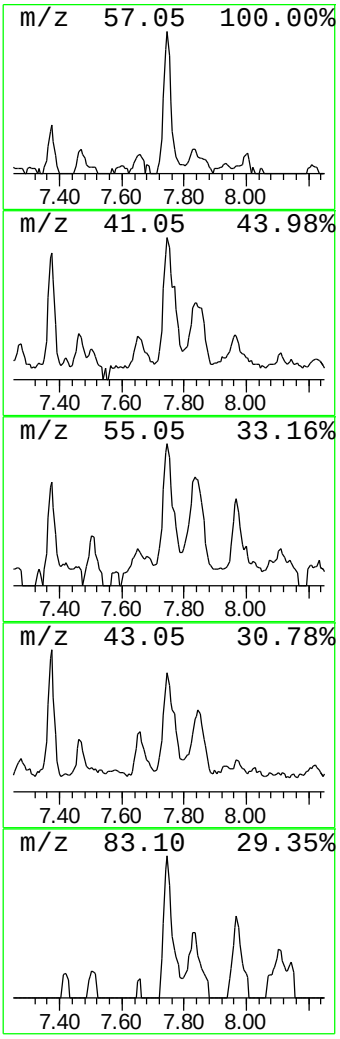
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	6.08 ng	74745	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	47
3	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	45
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	42
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	40





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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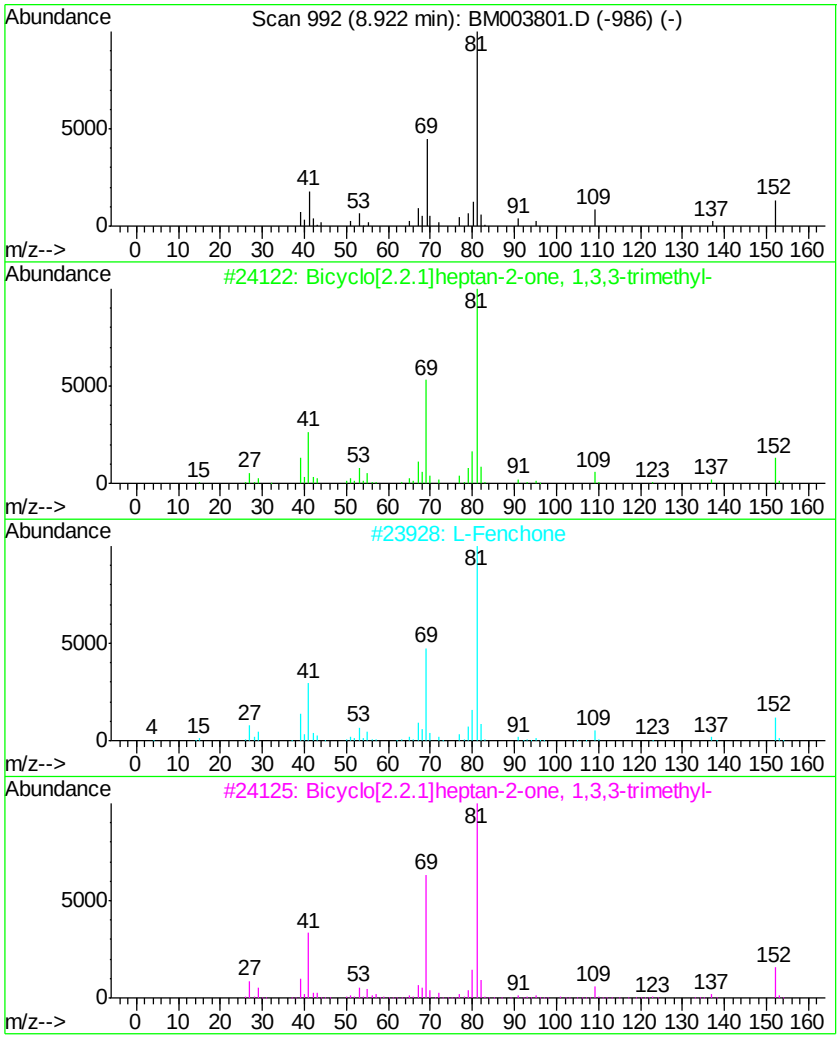
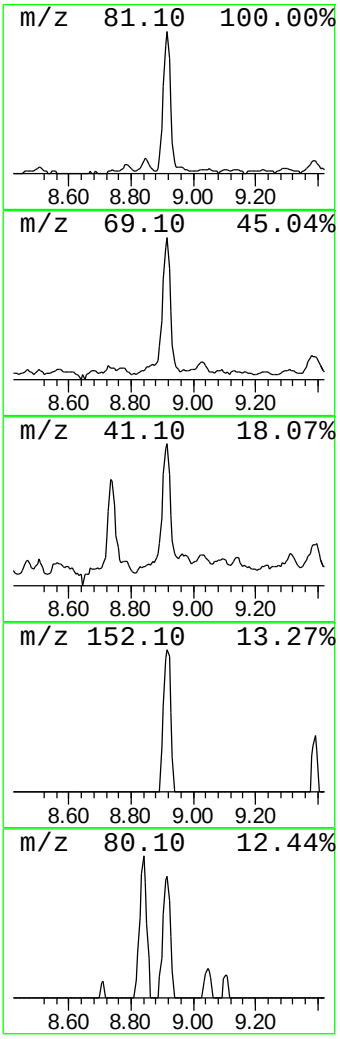
Peak Number 6 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	6.88 ng	84581	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
2	L-Fenchone	152	C10H16O	000126-21-6	91
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	90
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	007787-20-4	87
5	2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	45





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Misc :
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Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

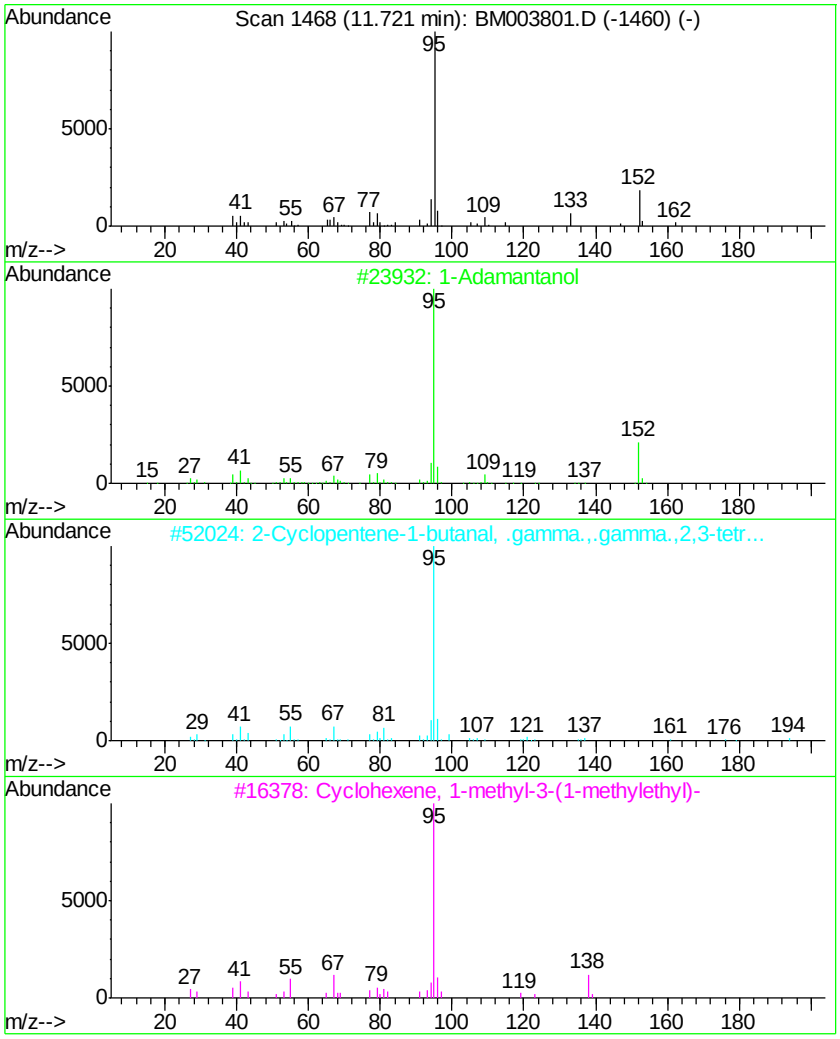
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

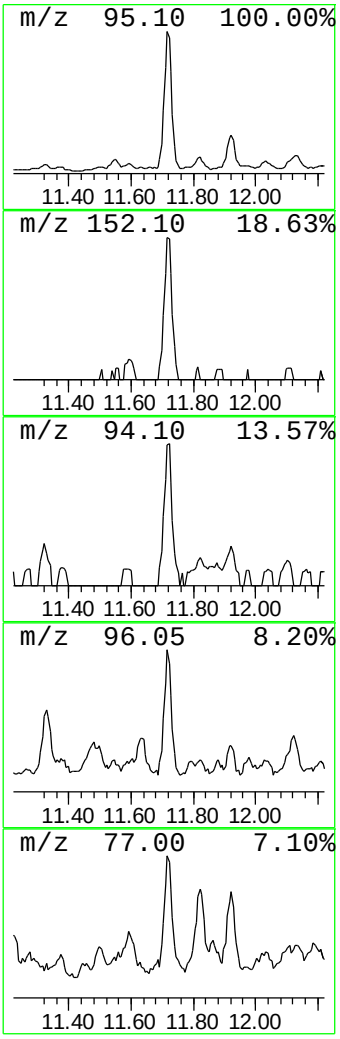
****

Peak Number 7 1-Adamantanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.43 ng	114257	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	90
2	2-Cyclopentene-1-butanal, .gamma...	194	C13H22O	060714-25-2	45
3	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	38
4	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	38
5	2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	36





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Data File : BM003801.D
Acq On : 25 Dec 2015 05:41
Operator : UM/SJ
Sample : G4952-01
Misc :
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Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

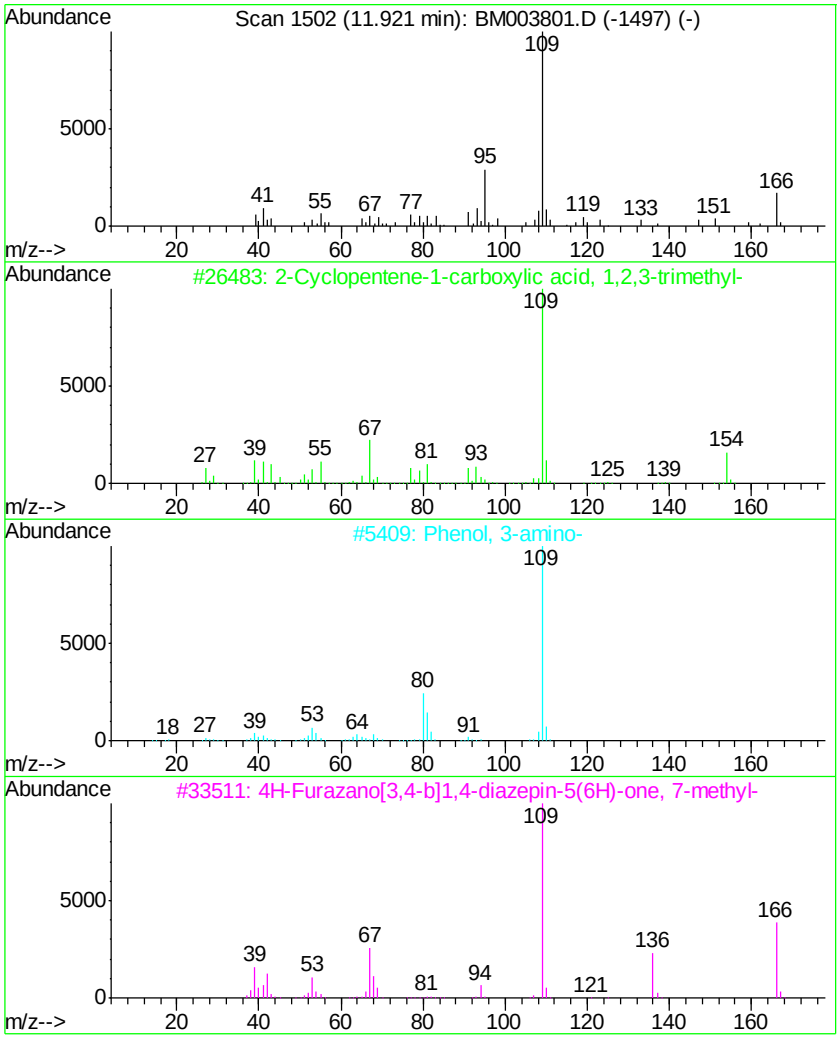
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

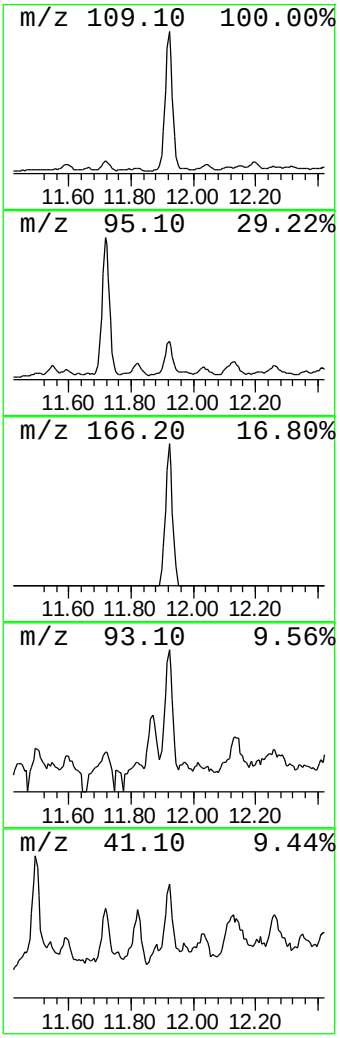
****

Peak Number 8 2-Cyclopentene-1-carboxylic... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.54 ng	98456	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	50
2	Phenol, 3-amino-	109	C6H7NO	000591-27-5	49
3	4H-Furazano[3,4-b]1,4-diazepin-5...	166	C6H6N4O2	300588-18-5	47
4	Diaminopyridine	109	C5H7N3	004318-76-7	47
5	Phenol, o-amino-	109	C6H7NO	000095-55-6	47





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Acq On : 25 Dec 2015 05:41
Operator : UM/SJ
Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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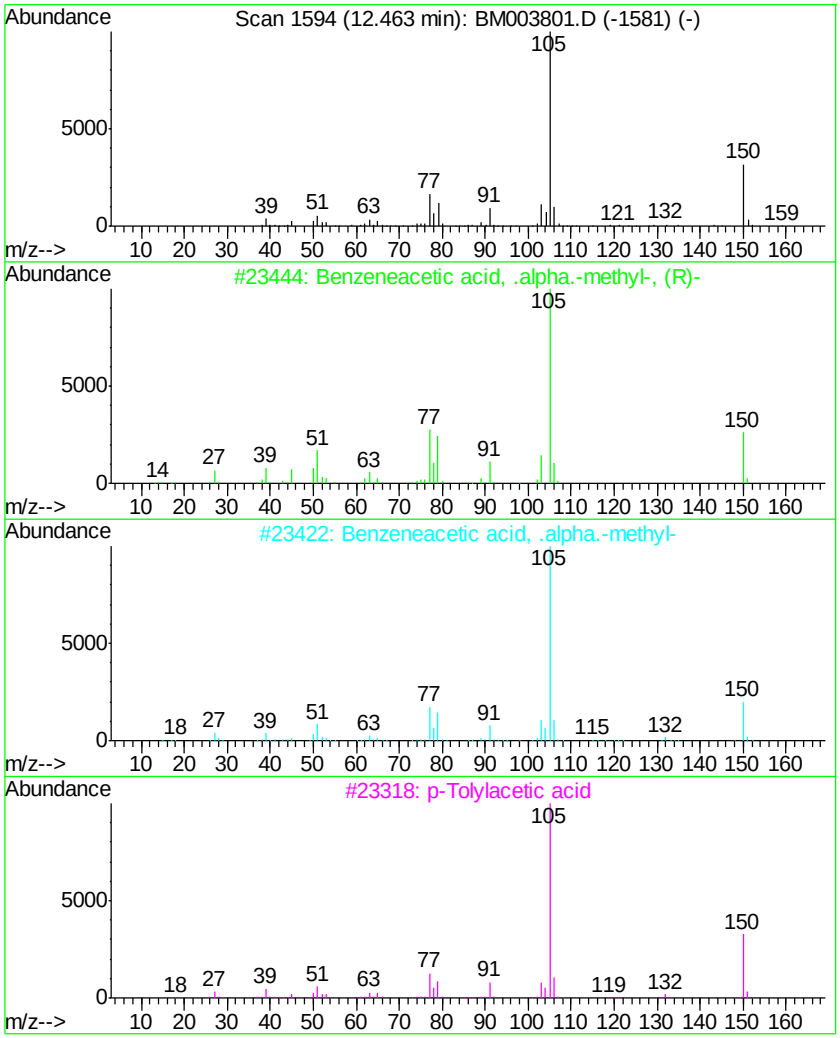
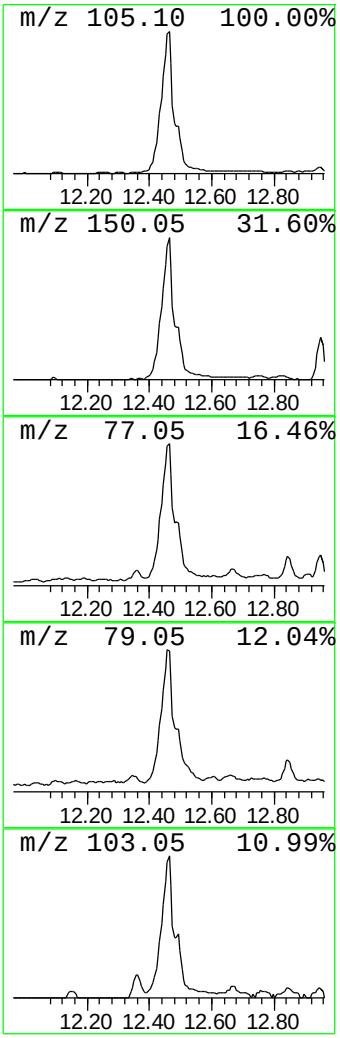
Peak Number 9 Benzeneacetic acid, .alpha.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	28.55 ng	647658	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	94
2	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	91
3	p-Tolylacetic acid	150	C9H10O2	000622-47-9	91
4	m-Tolylacetic acid	150	C9H10O2	000621-36-3	83
5	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	80





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Sample : G4952-01
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Instrument : BNA_M
ClientSampleId : MW-25

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TIC Library : C:\DATABASE\NIST02.L
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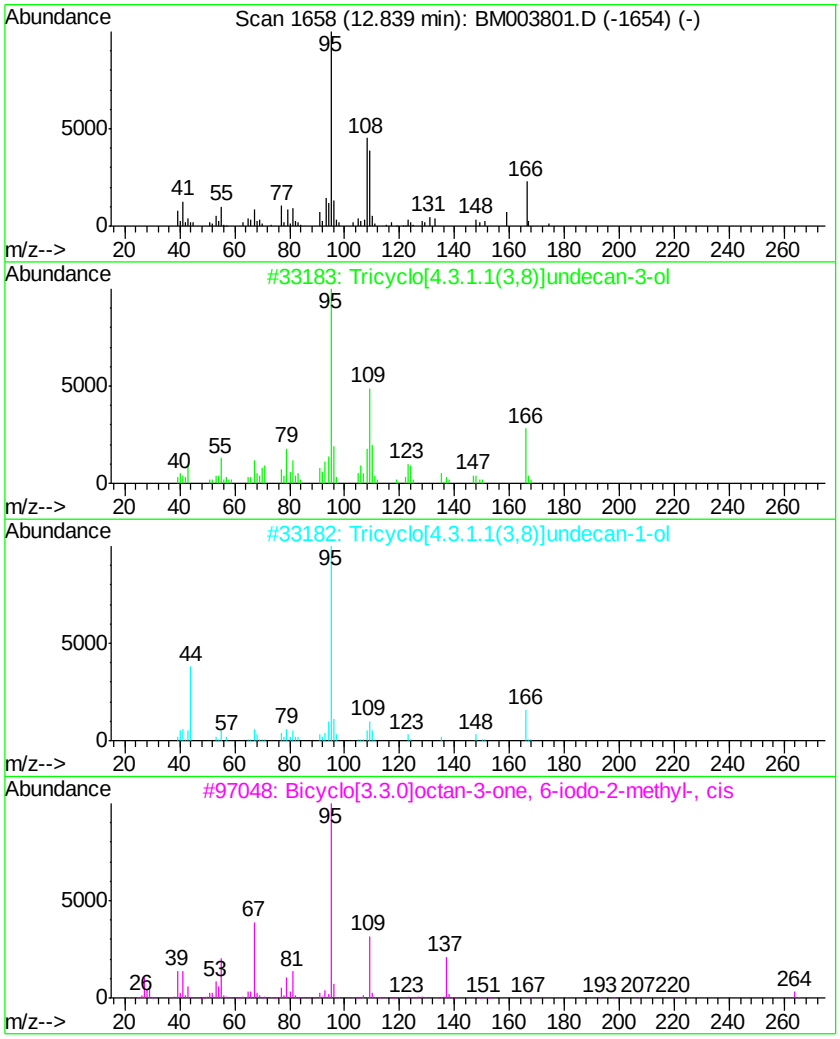
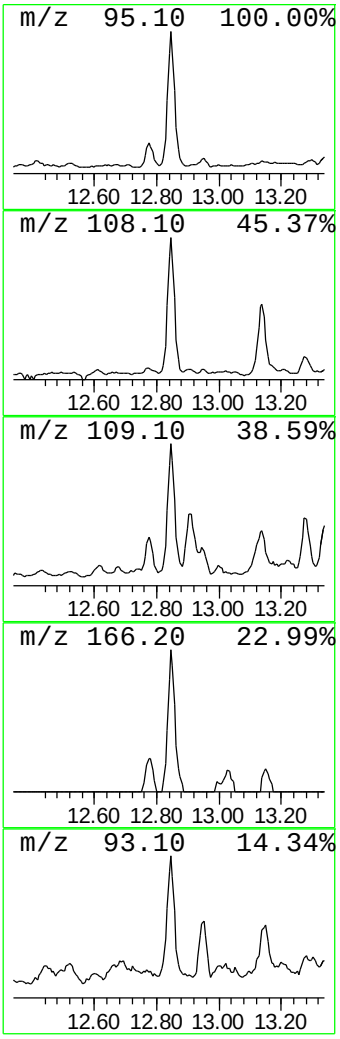
Peak Number 10 unknown12.84 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	9.47 ng	214727	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	49
2	Tricyclo[4.3.1.1(3,8)]undecan-1-ol	166	C11H18O	031061-64-0	47
3	Bicyclo[3.3.0]octan-3-one, 6-iod...	264	C9H13IO	1000150-13-4	38
4	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	35
5	2-Cyclopentene-1-butanal, .gamma...	194	C13H22O	060714-25-2	35





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Sample : G4952-01
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ClientSampleId : MW-25

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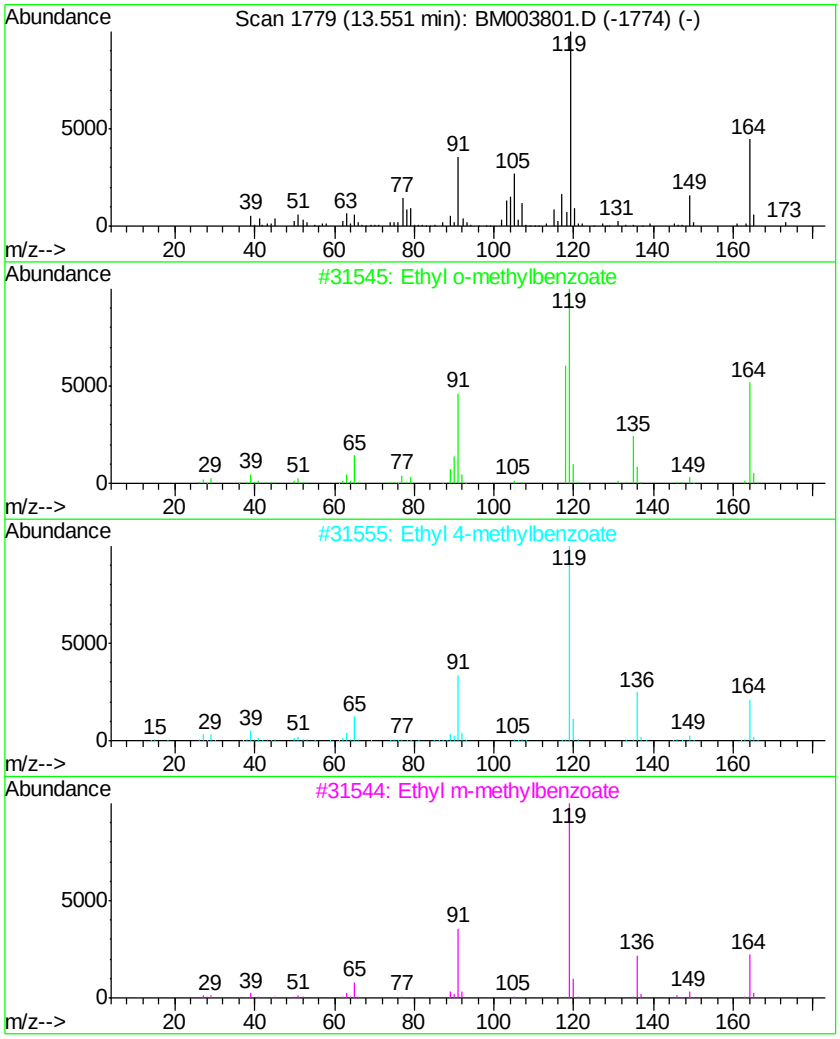
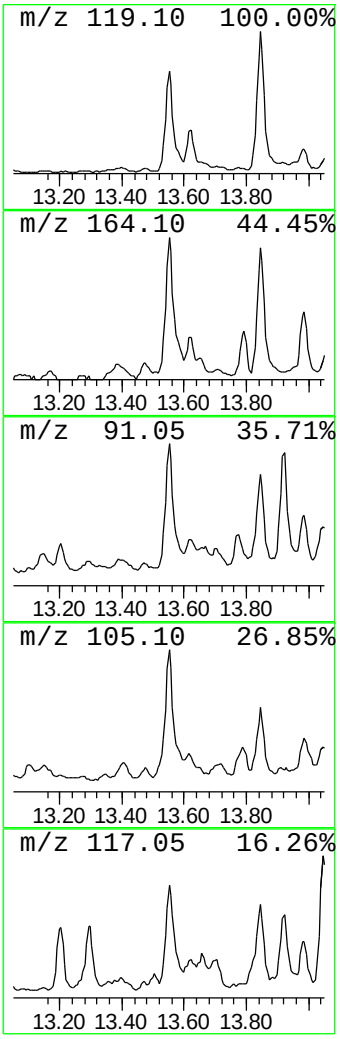
Peak Number 11 Ethyl o-methylbenzoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	11.39 ng	258270	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	52
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	50
3	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	50
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47





Library Search Compound Report

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Sample : G4952-01
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

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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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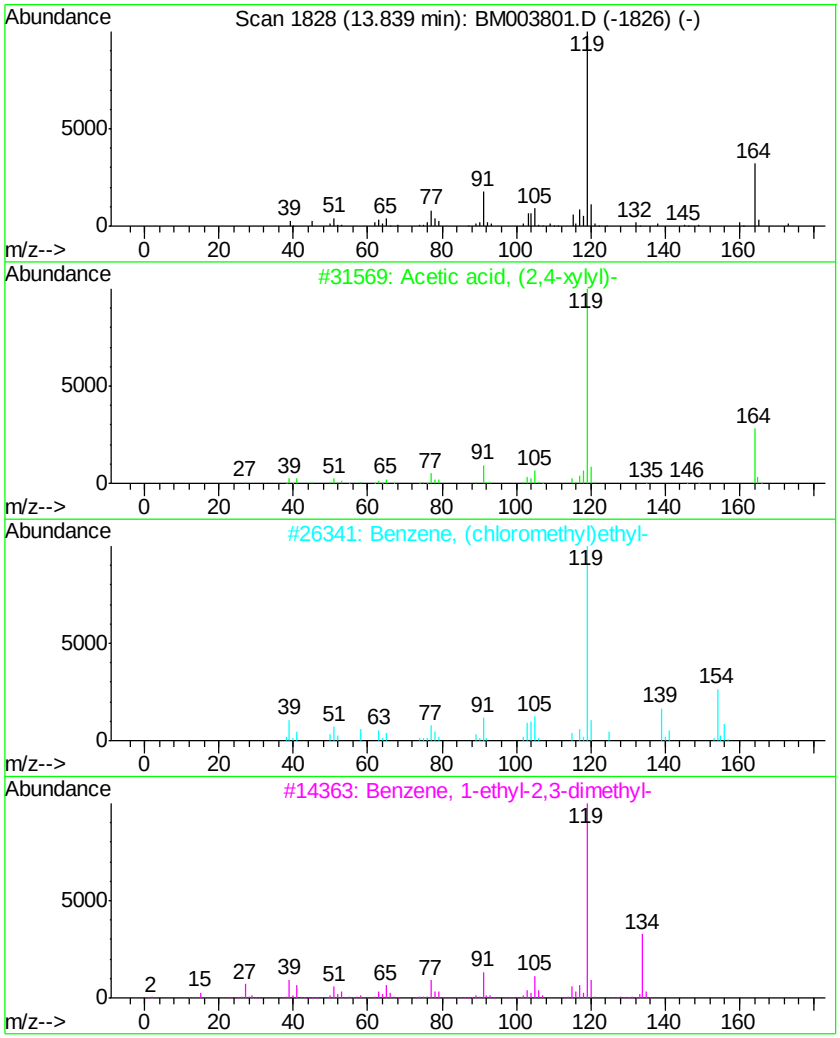
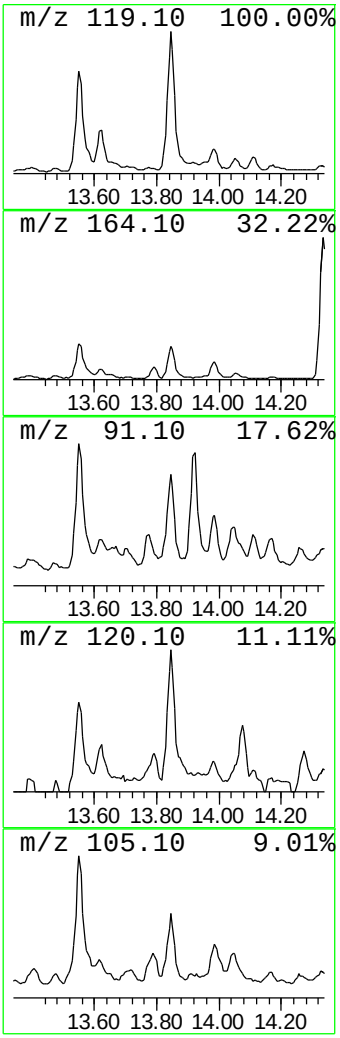
Peak Number 12 Acetic acid, (2,4-xylyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.76 ng	175913	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	91
2	Benzene, (chloromethyl)ethyl-	154	C9H11Cl	026968-58-1	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

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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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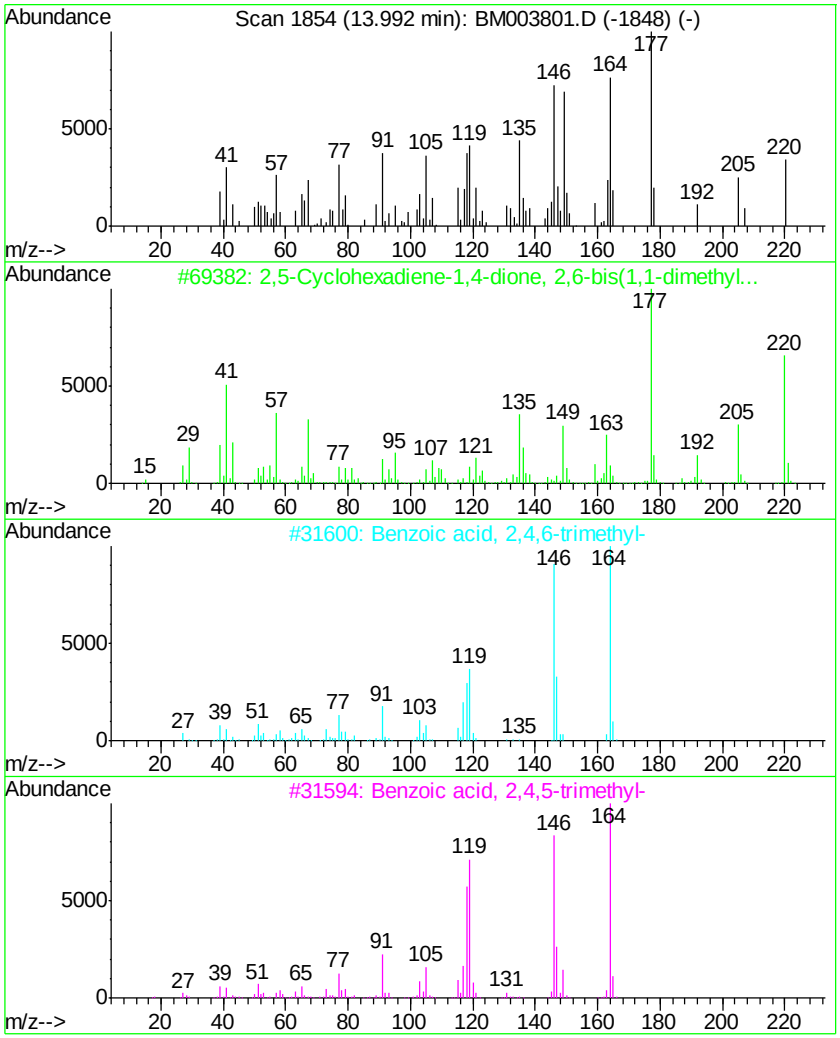
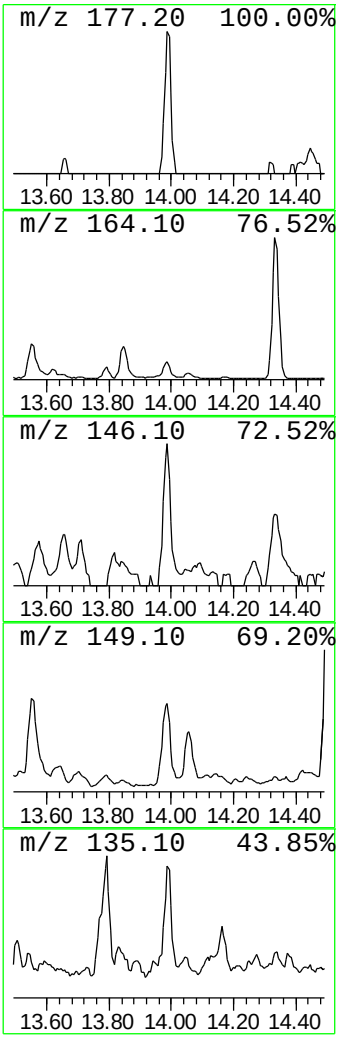
Peak Number 13 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	6.21 ng	140757	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	81
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	64
3	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	45
4	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	25
5	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	22





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Instrument : BNA_M
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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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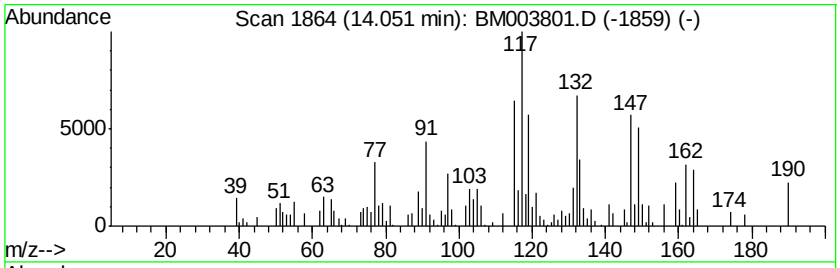
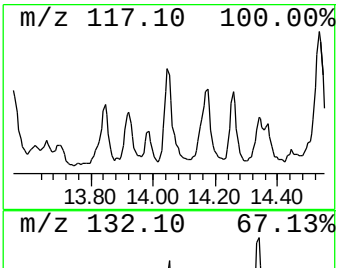
Peak Number 14 unknown14.05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	5.44 ng	123345	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	38
3	o-Isopropenyltoluene	132	C10H12	007399-49-7	38
4	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	35
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	30





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Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

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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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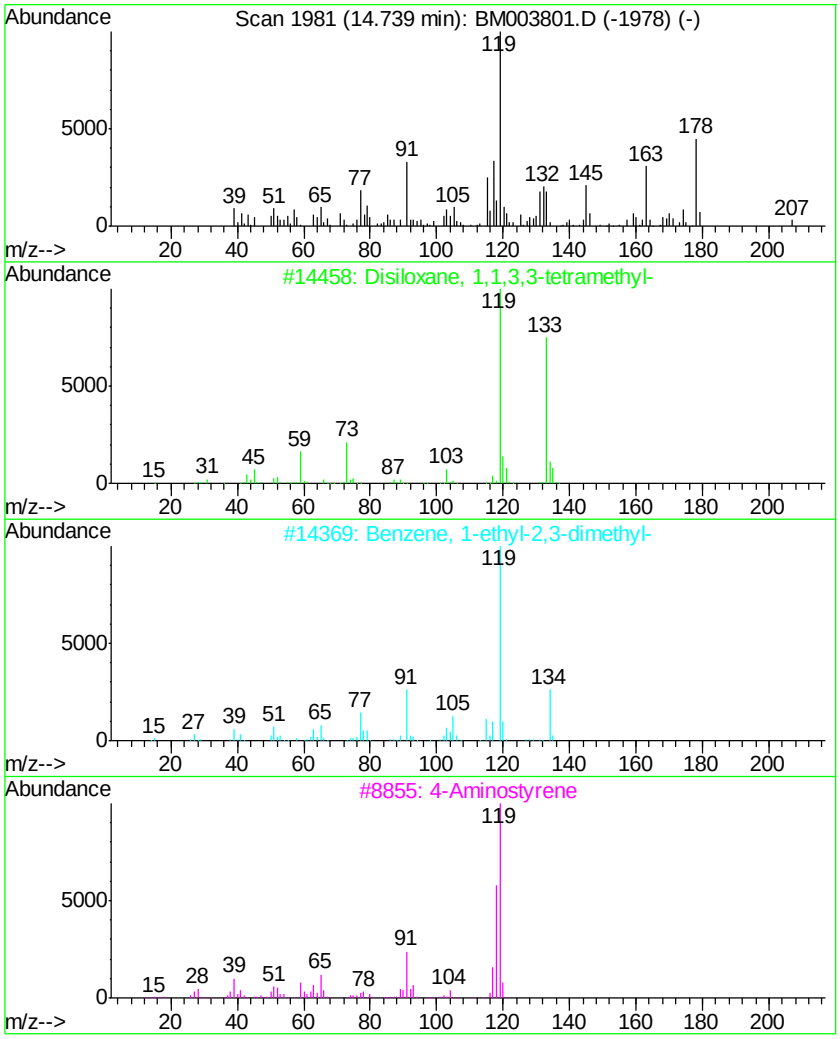
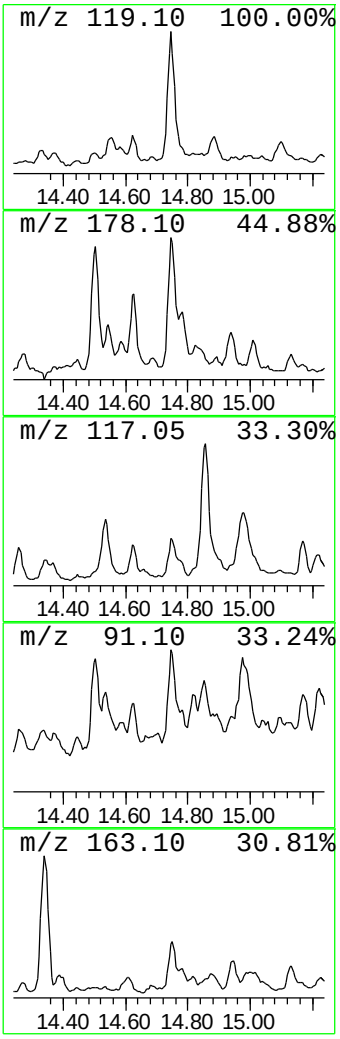
Peak Number 15 unknown14.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	6.92 ng	157043	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	25
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	20
3	4-Aminostyrene	119	C8H9N	001520-21-4	18
4	Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	18
5	3-Buten-1-one, 1-(4-methylphenyl)-	160	C11H12O	130649-66-0	18





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Sample : G4952-01
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Instrument : BNA_M
ClientSampleId : MW-25

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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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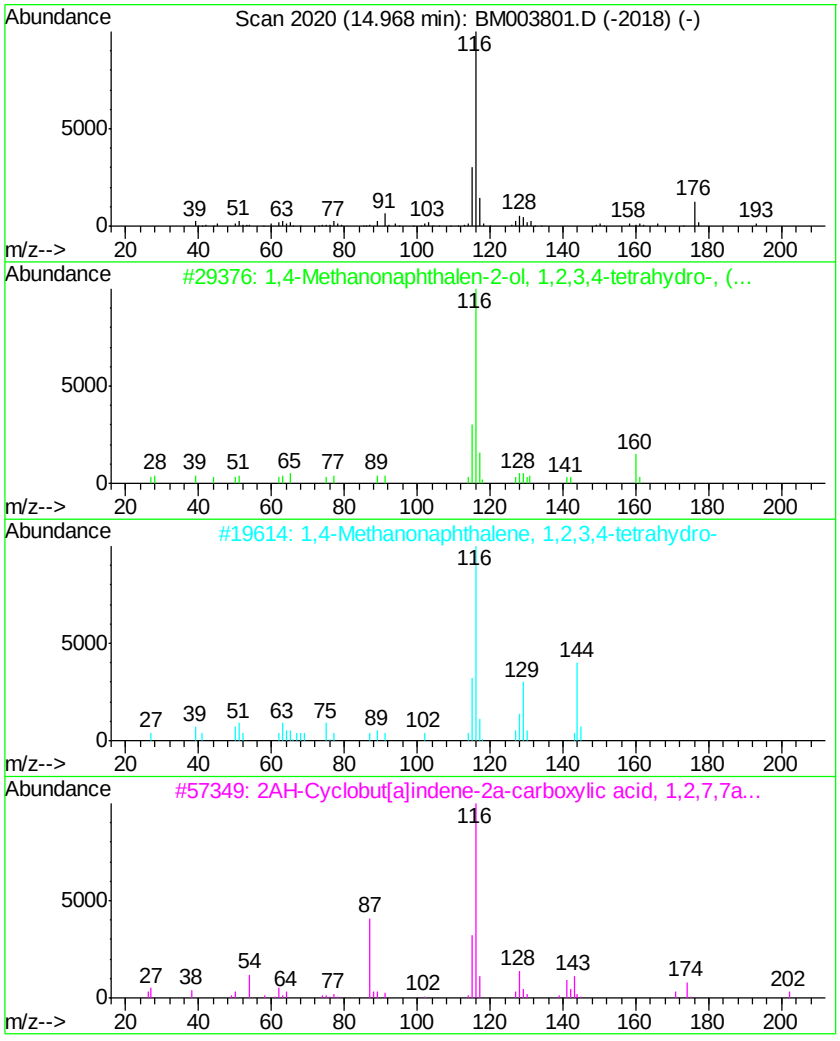
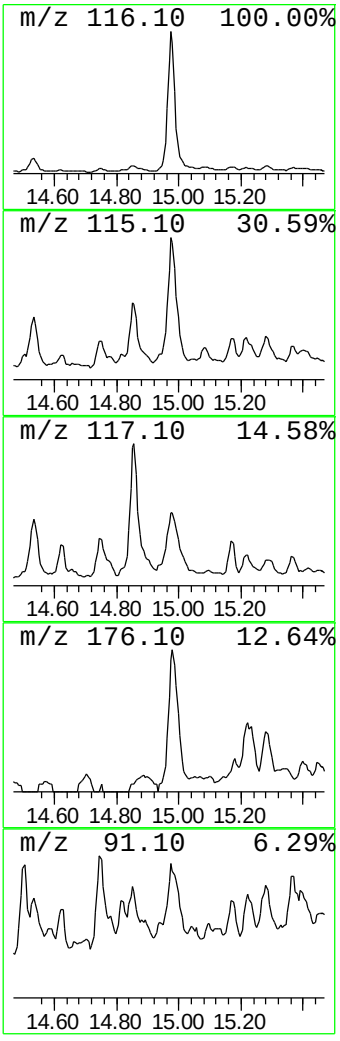
Peak Number 16 1,4-Methanonaphthalen-2-ol,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	10.10 ng	229027	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalen-2-ol, 1,2,...	160	C11H12O	013153-75-8	72
2	1,4-Methanonaphthalene, 1,2,3,4-...	144	C11H12	004486-29-7	64
3	2AH-Cyclobut[a]indene-2a-carboxy...	202	C13H14O2	056771-44-9	50
4	1,3-Benzenediacetonitrile	156	C10H8N2	000626-22-2	42
5	6-Methyl benzobicyclo[2.2.1] hep...	172	C12H12O	140224-88-0	39





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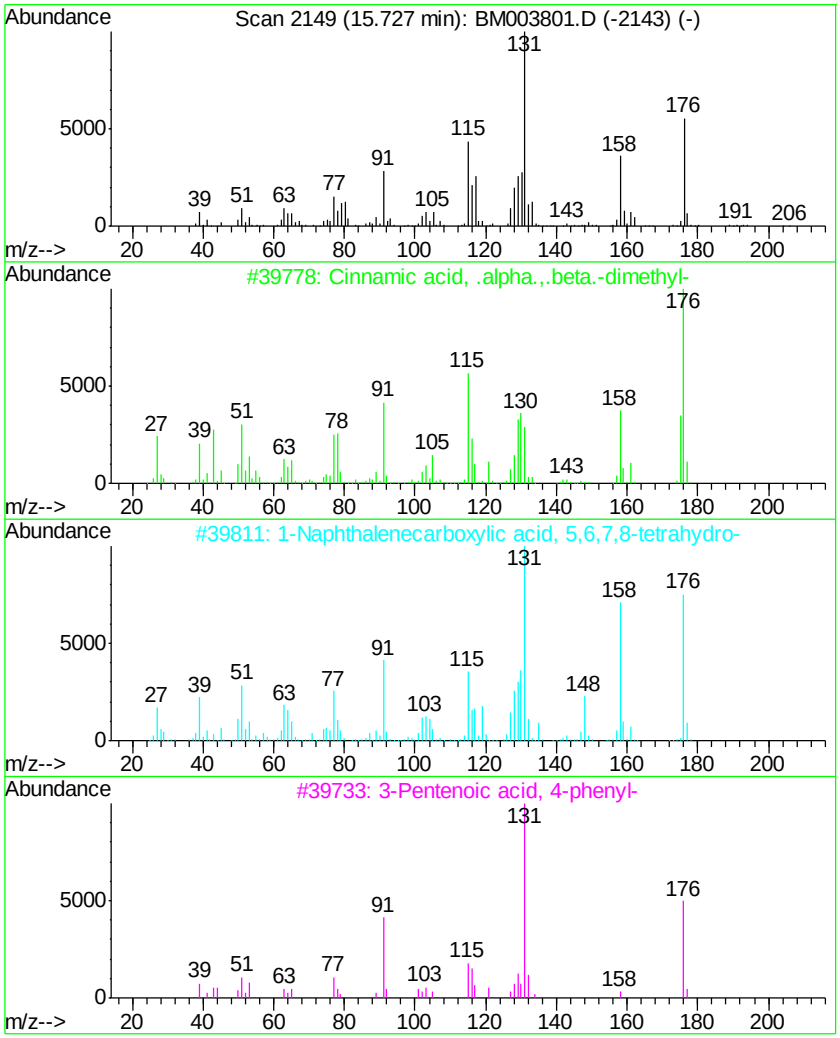
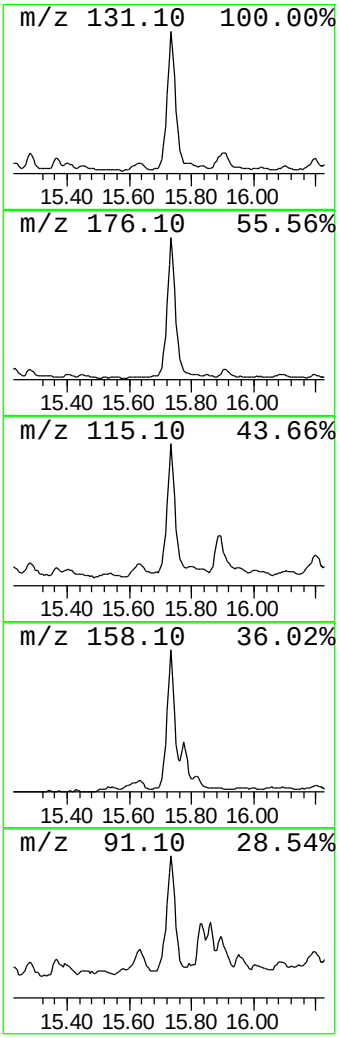
Peak Number 17 Cinnamic acid, .alpha.,.bet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	42.72 ng	790354	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	55
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	43
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43
4	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	37
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35





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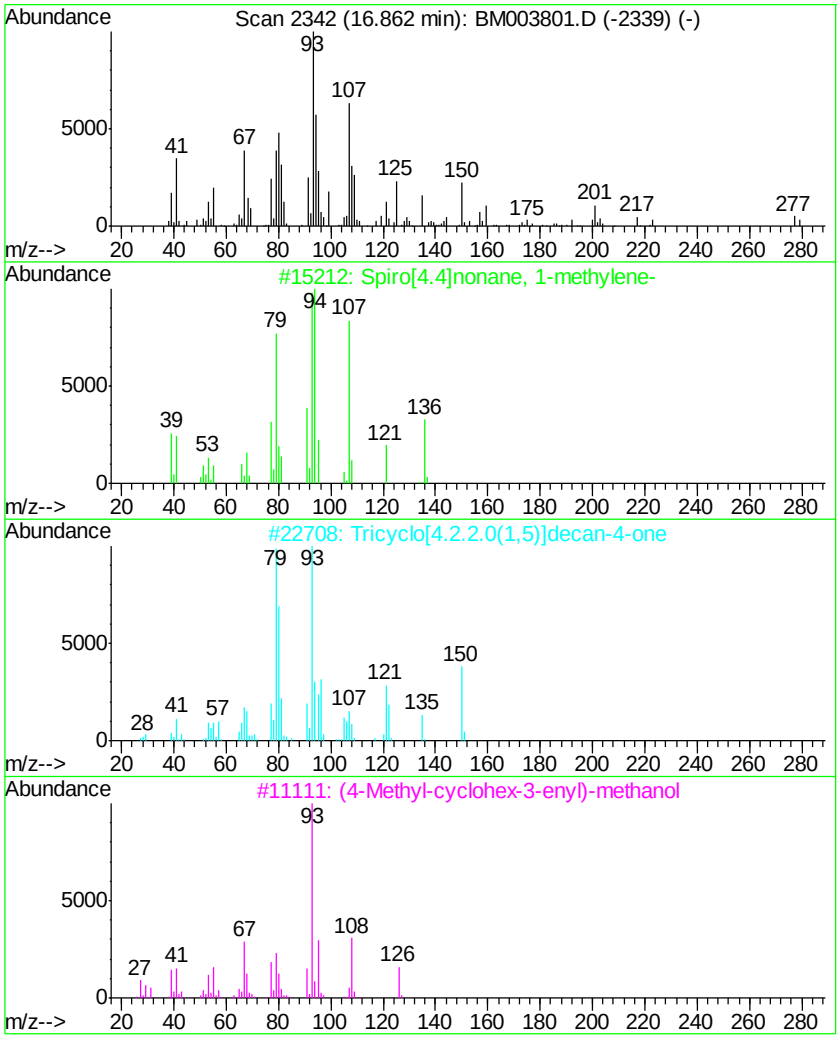
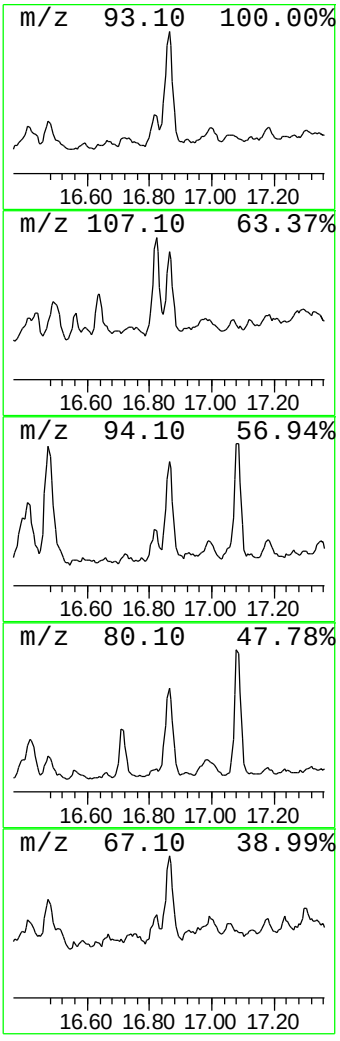
Peak Number 18 unknown16.86 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	8.38 ng	154995	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nonane, 1-methylene-	136	C10H16	019144-06-0	43
2	Tricyclo[4.2.2.0(1,5)]decan-4-one	150	C10H14O	092144-38-2	43
3	(4-Methyl-cyclohex-3-enyl)-methanol	126	C8H14O	089690-46-0	35
4	Chlorodimethylethylsilane	122	C4H11ClSi	006917-76-6	35
5	1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	25





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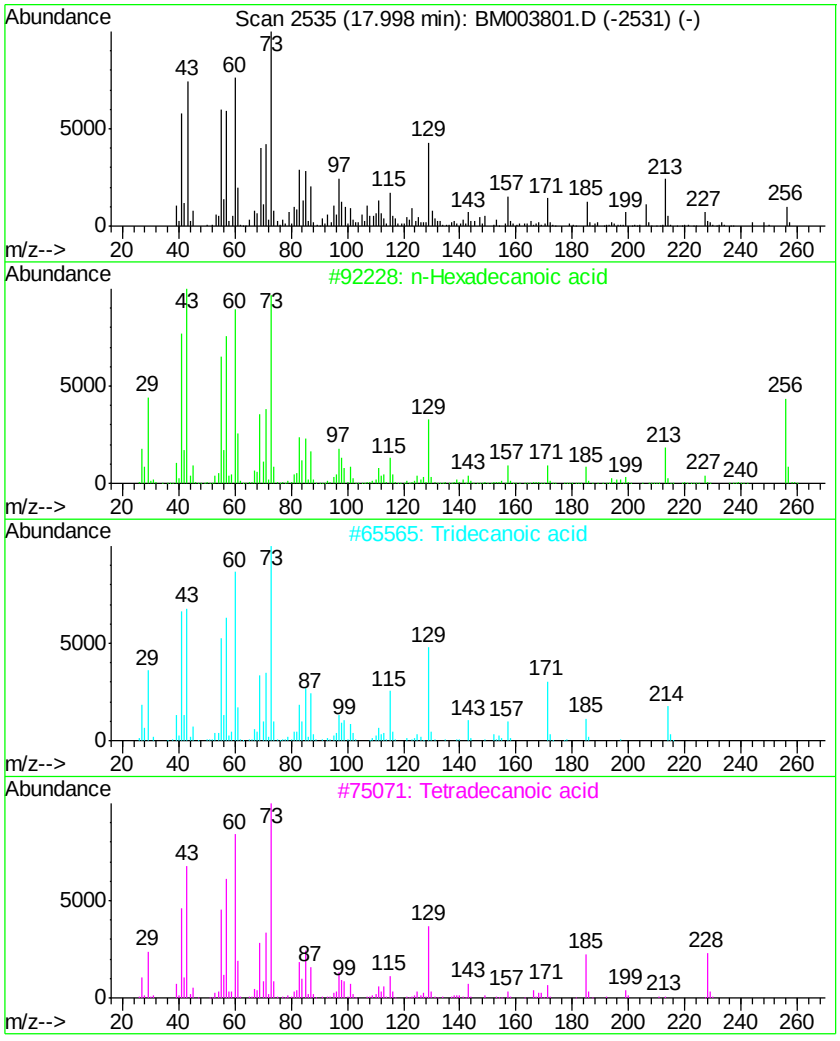
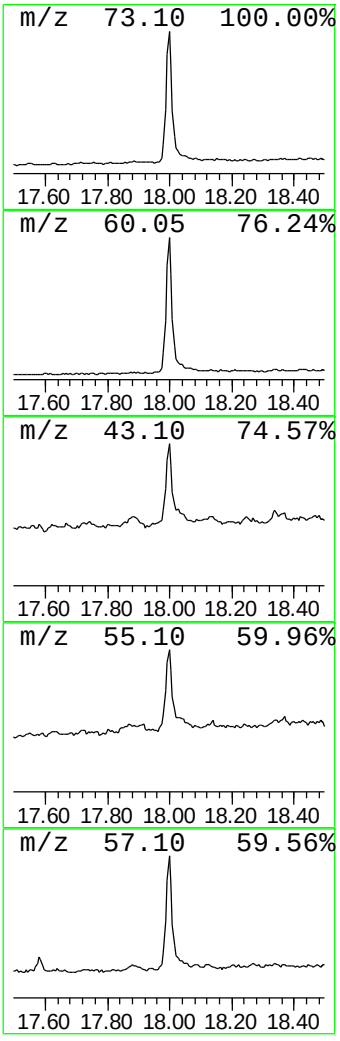
Peak Number 19 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	15.47 ng	286251	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003801.D
Acq On : 25 Dec 2015 05:41
Operator : UM/SJ
Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

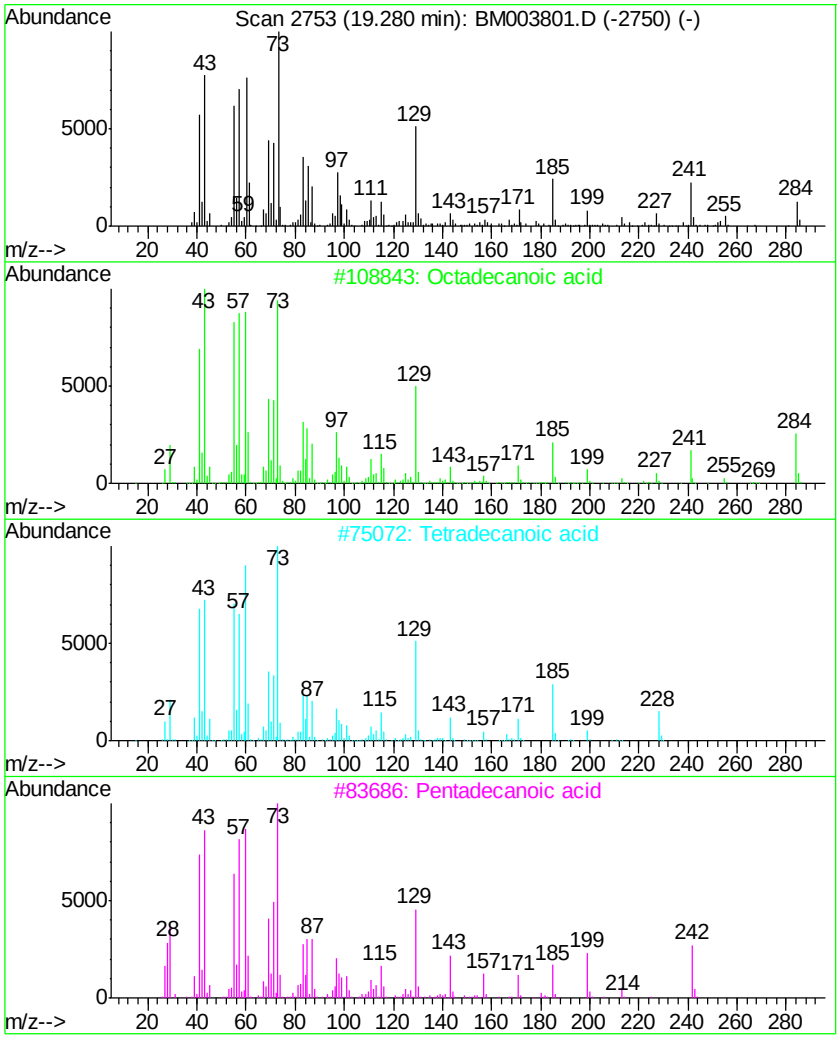
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

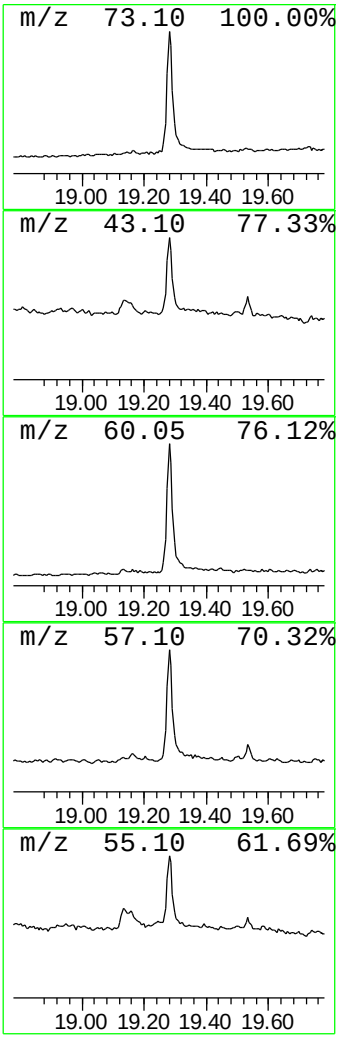
****

Peak Number 20 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	8.35 ng	234374	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122515\
Data File : BM003801.D
Acq On : 25 Dec 2015 05:41
Operator : UM/SJ
Sample : G4952-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-25

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	7.2	ng	88851	1	7.68	245965	20.0
Octanal	7.37	4.6	ng	56264	1	7.68	245965	20.0
1-Hexanol, 2-ethyl-	7.75	6.1	ng	74745	1	7.68	245965	20.0
Bicyclo[2.2.1]hep...	8.92	6.9	ng	84581	1	7.68	245965	20.0
1-Adamantanol	11.72	6.4	ng	114257	2	10.47	355620	20.0
2-Cyclopentene-1-...	11.92	5.5	ng	98456	2	10.47	355620	20.0
Benzeneacetic aci...	12.46	28.6	ng	647658	3	14.33	453634	20.0
unknown12.84	12.84	9.5	ng	214727	3	14.33	453634	20.0
Ethyl o-methylben...	13.55	11.4	ng	258270	3	14.33	453634	20.0
Acetic acid, (2,4...	13.84	7.8	ng	175913	3	14.33	453634	20.0
2,5-Cyclohexadien...	13.99	6.2	ng	140757	3	14.33	453634	20.0
unknown14.05	14.05	5.4	ng	123345	3	14.33	453634	20.0
unknown14.74	14.74	6.9	ng	157043	3	14.33	453634	20.0
1,4-Methanonaphth...	14.97	10.1	ng	229027	3	14.33	453634	20.0
Cinnamic acid, .a...	15.73	42.7	ng	790354	4	17.09	370037	20.0
unknown16.86	16.86	8.4	ng	154995	4	17.09	370037	20.0
n-Hexadecanoic acid	18.00	15.5	ng	286251	4	17.09	370037	20.0
Octadecanoic acid	19.28	8.3	ng	234374	5	21.29	561312	20.0