LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043574.D
Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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_G\METHODS\8270-BG102119.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	3.171	9	14	24	rVB	78754	135500	8.82%	0.722%
2	5.110	336	344	355	rBV	95685	156753	10.21%	0.835%
3	5.603	421	428	438	rBV	204859	368238	23.98%	1.962%
4	7.207	694	701	714	rVV	269541	562599	36.63%	2.997%
5	7.489	744	749	753	rBV	14615	22835	1.49%	0.122%
6	7.554	753	760	771	rVB	273434	515469	33.56%	2.746%
7	8.006	828	837	843	rVB	90068	172118	11.21%	0.917%
8	8.071	843	848	853	rVB5	17523	31418	2.05%	0.167%
9	8.188	863	868	873	rBV3	29005	42948	2.80%	0.229%
10	8.288	876	885	887	rVV3	39033	84427	5.50%	0.450%
11	8.329	887	892	904	rVB	231286	444107	28.92%	2.366%
12	8.441	904	911	916	rBV5	20008	42311	2.76%	0.225%
13	8.558	927	931	936	rVB5	13311	24657	1.61%	0.131%
14	8.700	948	955	959	rBV5	15262	30062	1.96%	0.160%
15	8.835	973	978	984	rBV6	22053	44581	2.90%	0.237%
16	9.111	1014	1025	1029	rBV2	67274	152513	9.93%	0.812%
17	9.170	1029	1035	1049	rVV	156570	405633	26.41%	2.161%
18	9.269	1049	1052	1056	rVB3	19896	27592	1.80%	0.147%
19	9.322	1056	1061	1064	rBV2	30584	56324	3.67%	0.300%
20	9.363	1064	1068	1075	rVB4	39636	77764	5.06%	0.414%
21	9.434	1075	1080	1083	rBV3	14162	24373	1.59%	0.130%
22	9.469	1083	1086	1092	rVB5	21652	36451	2.37%	0.194%
23	9.569	1095	1103	1105	rBV7	12244	27363	1.78%	0.146%
24	9.640	1110	1115	1120	rBV6	28129	60133	3.92%	0.320%
25	9.728	1123	1130	1134	rVV6	50908	108407	7.06%	0.577%
26	9.775	1134	1138	1141	rVB5	13814	23032	1.50%	0.123%
27	9.886	1147	1157	1160	rBV4	37578	84301	5.49%	0.449%
28	9.927	1160	1164	1169	rVV2	79581	120066	7.82%	0.640%
29	9.980	1169	1173	1179	rVV5	66746	117860	7.67%	0.628%
30	10.215	1208	1213	1214	rBV5	16923	24718	1.61%	0.132%
31	10.251	1216	1219	1224	rVV4	24520	40750	2.65%	0.217%
32	10.298	1225	1227	1236	rVB5	19963	35903	2.34%	0.191%
33	10.386	1236	1242	1248	rBV5	33990	83560	5.44%	0.445%
34	10.509	1258	1263	1265	rBV3	23166	38400	2.50%	0.205%

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Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.586	1272	1276	1281	rVB5	19927	30214	1.97%	0.161%
36	10.662	1286	1289	1292	rBV4	22990	36323	2.37%	0.193%
37	10.697	1292	1295	1302	rVB	43181	68188	4.44%	0.363%
38	10.768	1303	1307	1309	rBV4	44074	67611	4.40%	0.360%
39	10.809	1309	1314	1321	rVB2	116336	246389	16.04%	1.312%
40	10.926	1330	1334	1337	rBV4	21838	36197	2.36%	0.193%
41	10.962	1338	1340	1346	rVB3	35641	44348	2.89%	0.236%
42	11.026	1347	1351	1354	rBV5	31900	52161	3.40%	0.278%
43	11.179	1371	1377	1382	rBV3	34250	71408	4.65%	0.380%
44	11.238	1383	1387	1390	rBV5	16332	30352	1.98%	0.162%
45	11.361	1404	1408	1415	rVB8	38193	86936	5.66%	0.463%
46	11.432	1415	1420	1421	rBV5	16586	24102	1.57%	0.128%
47	11.467	1422	1426	1428	rVV4	52365	75358	4.91%	0.401%
48	11.508	1428	1433	1440	rVB3	125253	224777	14.64%	1.197%
49	11.578	1441	1445	1450	rVB5	30643	50236	3.27%	0.268%
50	11.637	1451	1455	1460	rBV5	28977	46850	3.05%	0.250%
51	11.737	1464	1472	1478	rVB8	41062	101949	6.64%	0.543%
52	11.825	1478	1487	1491	rBV	333233	538089	35.04%	2.866%
53	11.861	1491	1493	1497	rVB3	50810	65600	4.27%	0.349%
54	11.996	1512	1516	1524	rVB8	24558	54381	3.54%	0.290%
55	12.090	1529	1532	1535	rVB4	21872	28895	1.88%	0.154%
56	12.131	1536	1539	1546	rVB6	33275	52328	3.41%	0.279%
57	12.207	1547	1552	1555	rBV	59108	91067	5.93%	0.485%
58	12.301	1565	1568	1571	rBV3	38839	52322	3.41%	0.279%
59	12.354	1575	1577	1581	rVB2	37422	38885	2.53%	0.207%
60	12.425	1585	1589	1590	rBV3	48031	63400	4.13%	0.338%
61	12.530	1604	1607	1613	rBV6	29909	58897	3.84%	0.314%
62	12.660	1625	1629	1632	rBV4	36246	60784	3.96%	0.324%
63	12.801	1649	1653	1656	rVV4	36899	51719	3.37%	0.275%
64	12.848	1658	1661	1668	rVV8	51273	101282	6.59%	0.540%
65	12.912	1668	1672	1680	rVB	186824	318658	20.75%	1.697%
66	13.124	1706	1708	1711	rBV4	25457	32294	2.10%	0.172%
67	13.171	1711	1716	1721	rVV	408828	578199	37.65%	3.080%
68	13.259	1725	1731	1736	rVB	419303	693620	45.16%	3.695%
69	13.476	1765	1768	1773	rVB2	111034	159244	10.37%	0.848%
70	13.547	1777	1780	1782	rBV2	32806	39095	2.55%	0.208%
71	13.617	1790	1792	1796	rVB2	72201	97076	6.32%	0.517%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.688	1802	1804	1811	rVB3	69504	121446	7.91%	0.647%
73	14.111	1871	1876	1881	rVB	718630	1024156	66.69%	5.455%
74	14.164	1881	1885	1891	rVB6	60770	105175	6.85%	0.560%
75	14.322	1910	1912	1916	rVB3	49229	52523	3.42%	0.280%
76	14.463	1933	1936	1942	rVB3	108207	181152	11.80%	0.965%
77	14.598	1955	1959	1961	rBV	150567	202024	13.15%	1.076%
78	14.634	1962	1965	1971	rVB3	263907	418483	27.25%	2.229%
79	14.728	1978	1981	1984	rBV3	60505	63350	4.12%	0.337%
80	15.033	2029	2033	2038	rVB2	132000	176878	11.52%	0.942%
81	15.110	2043	2046	2049	rVB	47394	62811	4.09%	0.335%
82	15.151	2049	2053	2059	rVB3	161493	250502	16.31%	1.334%
83	15.257	2068	2071	2075	rBV5	59670	71957	4.69%	0.383%
84	15.580	2123	2126	2135	rVB3	102957	205725	13.40%	1.096%
85	15.885	2172	2178	2183	rVB	573365	900614	58.64%	4.797%
86	16.091	2211	2213	2216	rBV2	50749	60909	3.97%	0.324%
87	16.126	2216	2219	2225	rVB	236389	343201	22.35%	1.828%
88	16.367	2254	2260	2266	rBV	981084	1535768	100.00%	8.181%
89	17.184	2394	2399	2410	rVB	455950	784063	51.05%	4.177%
90	17.383	2428	2433	2439	rBV	306016	563345	36.68%	3.001%
91	17.789	2498	2502	2508	rBV2	118230	185288	12.06%	0.987%
92	19.992	2871	2877	2884	rBV	916214	1264108	82.31%	6.734%
93	21.297	3095	3099	3108	rVB6	28432	61690	4.02%	0.329%
94	21.649	3153	3159	3172	rVB	305074	555294	36.16%	2.958%
95	22.425	3289	3291	3299	rVB6	14602	22405	1.46%	0.119%
96	23.112	3404	3408	3413	rVB4	16850	27928	1.82%	0.149%
97	23.300	3434	3440	3449	rVB	83496	166749	10.86%	0.888%
98	23.905	3538	3543	3550	rVB5	19975	45124	2.94%	0.240%
99	24.839	3693	3702	3713	rBV	201463	595250	38.76%	3.171%
100	25.950	3884	3891	3897	rBV8	11539	32653	2.13%	0.174%

Sum of corrected areas: 18772971

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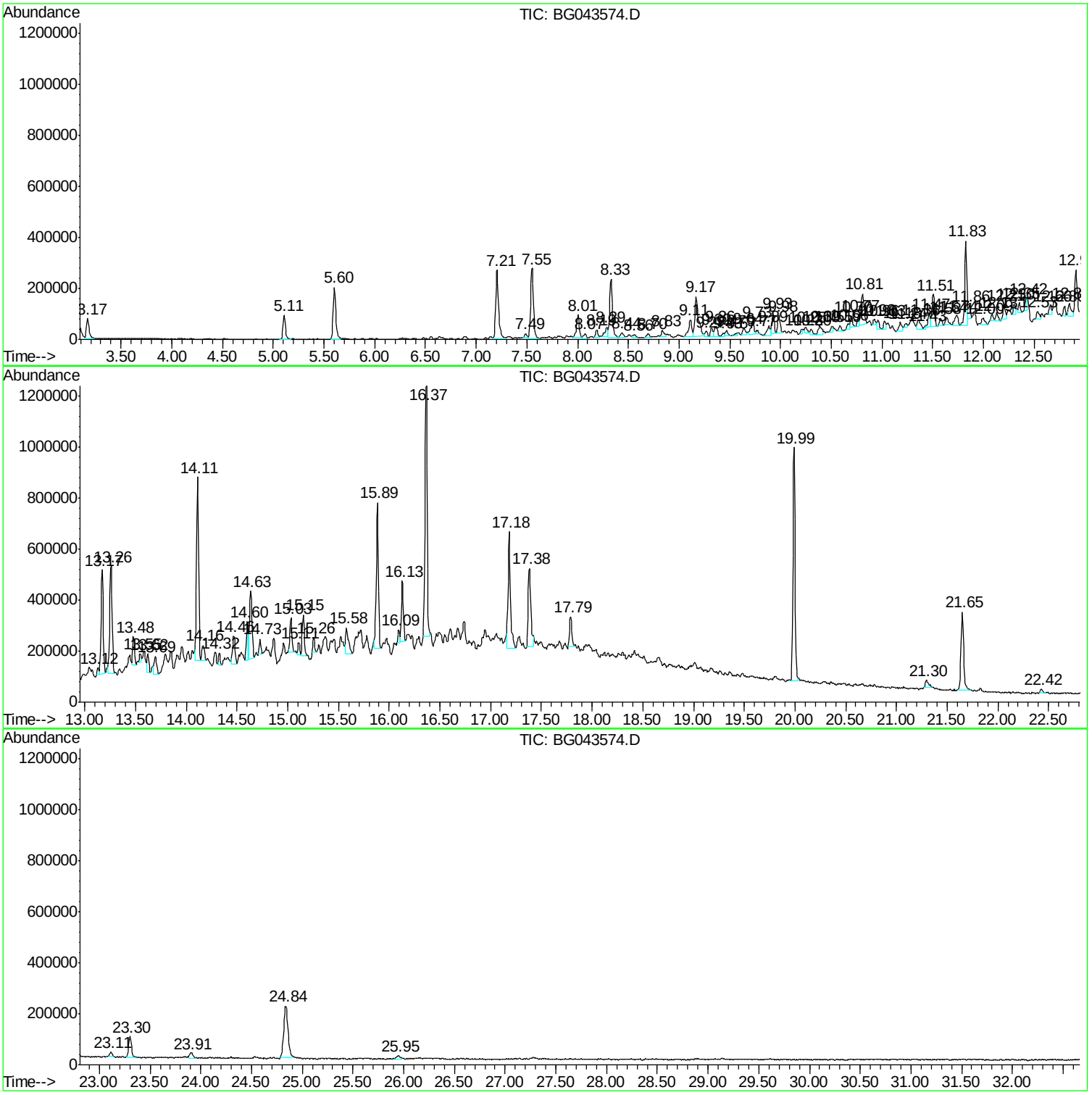
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
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Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

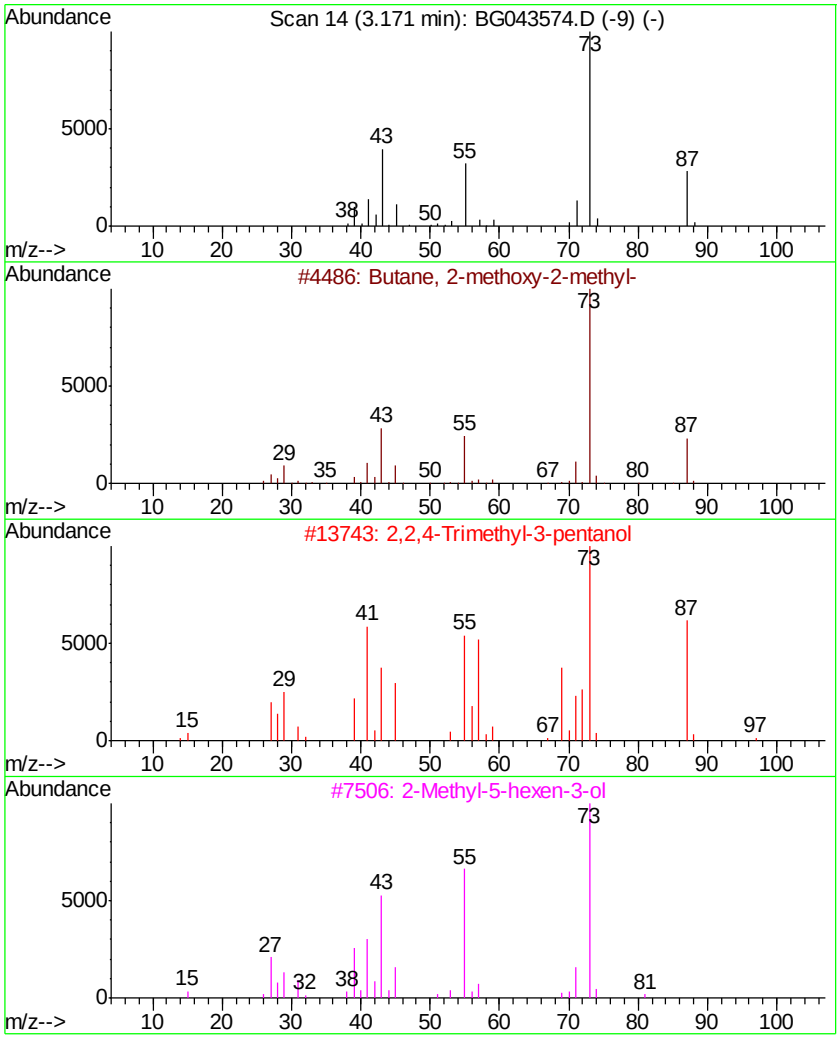
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

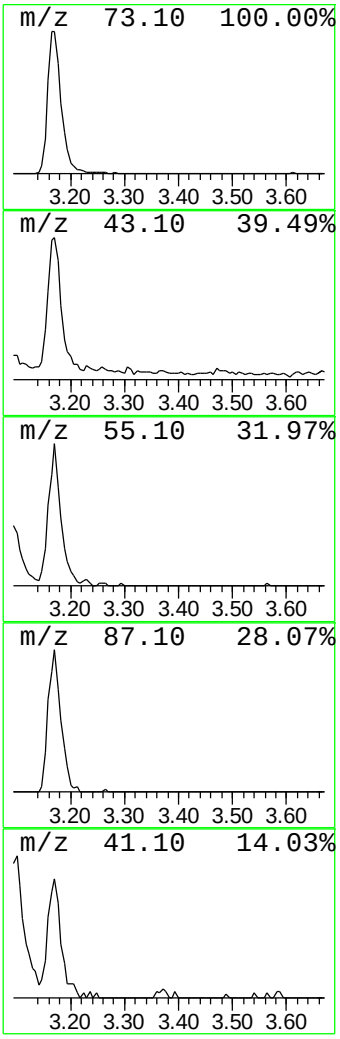
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	15.75 ng	135500	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

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Data File : BG043574.D
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Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

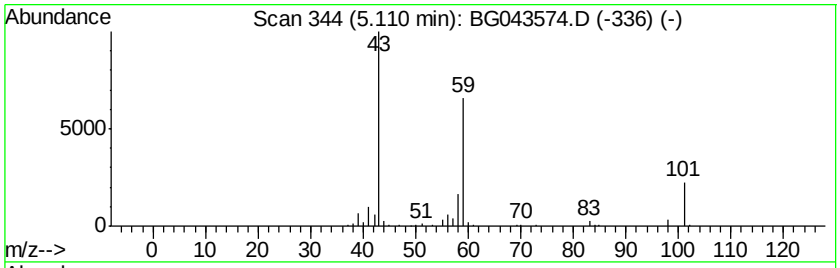
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

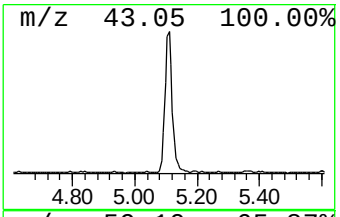
****

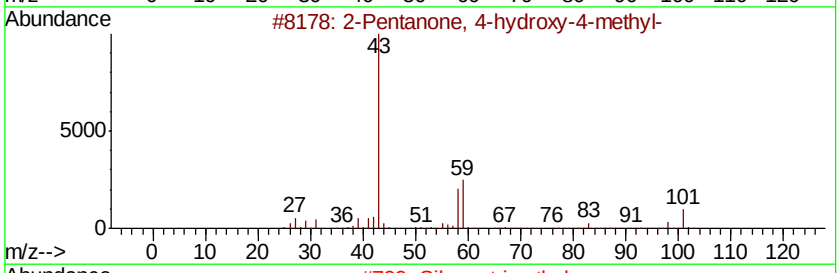
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

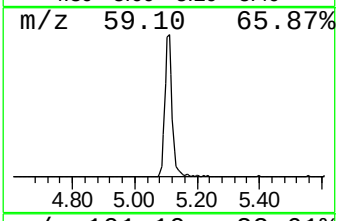
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	18.21 ng	156753	1,4-Dichlorobenzene-d4	8.01

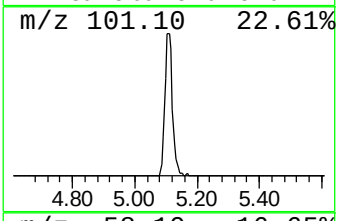
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	17
3	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Acetone	58	C3H6O	000067-64-1	9

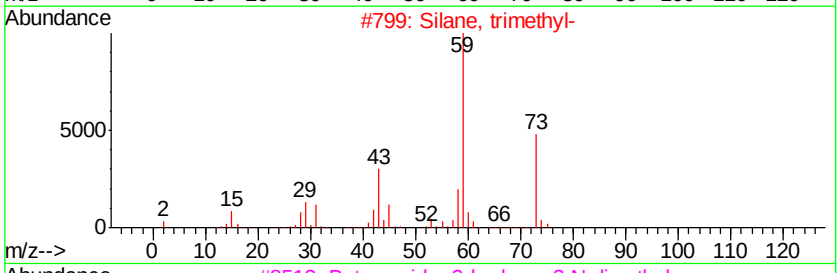


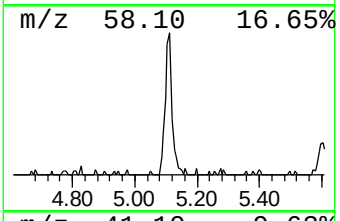


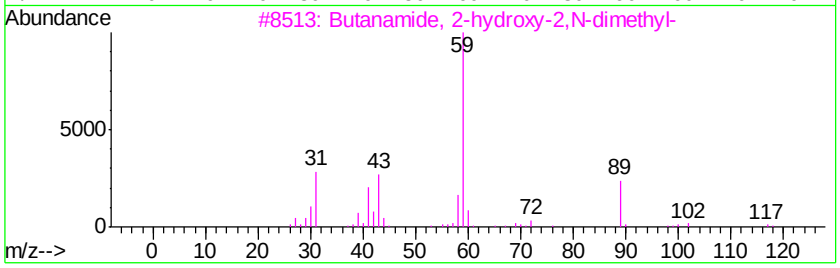


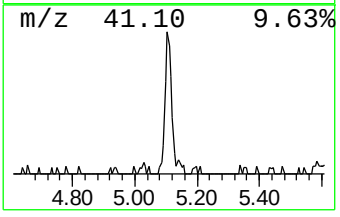












Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

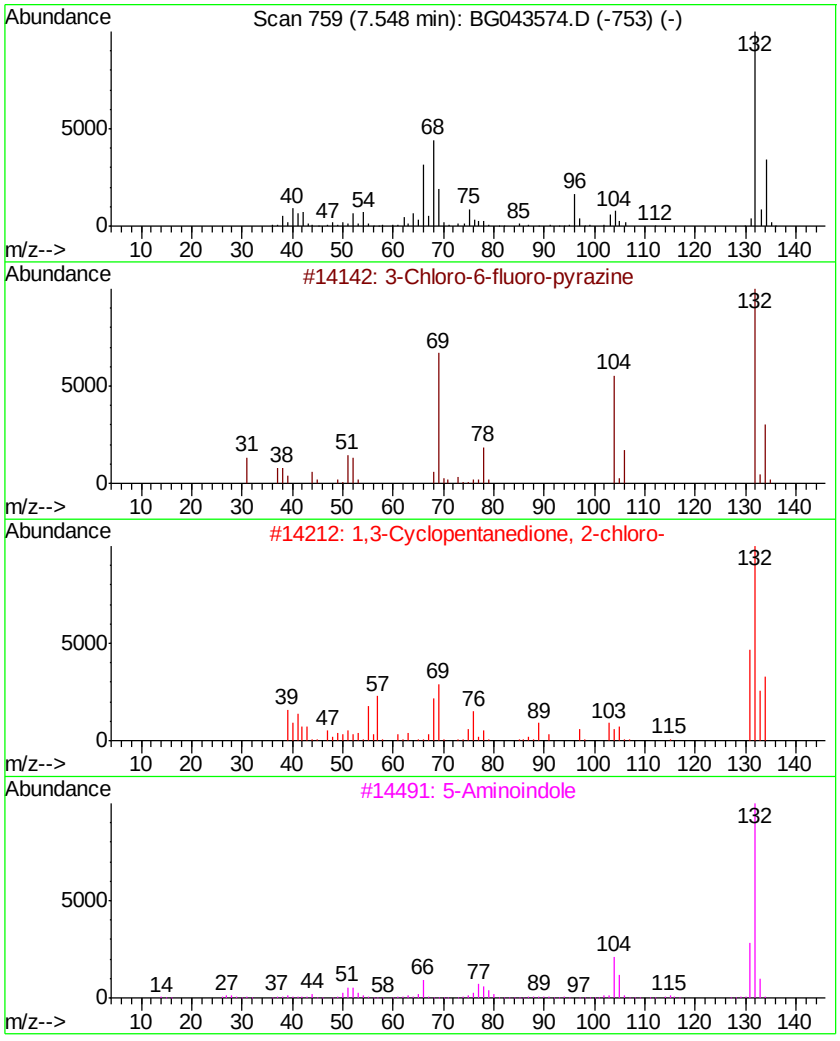
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

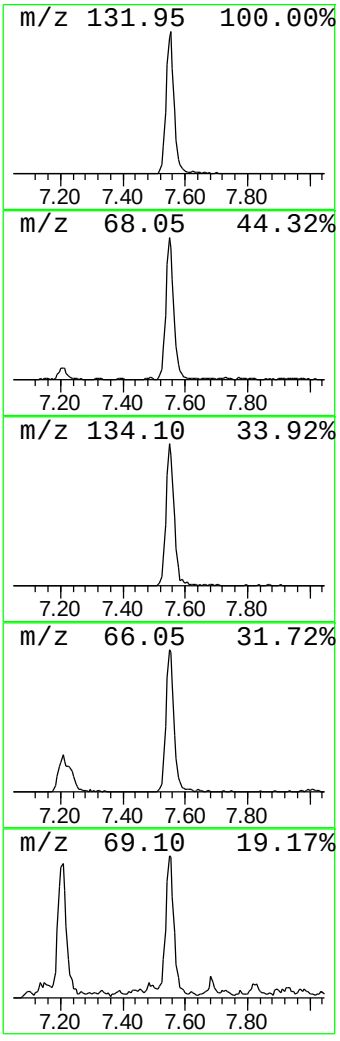
****

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	59.90 ng	515469	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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TIC Library : C:\Database\NIST11.L
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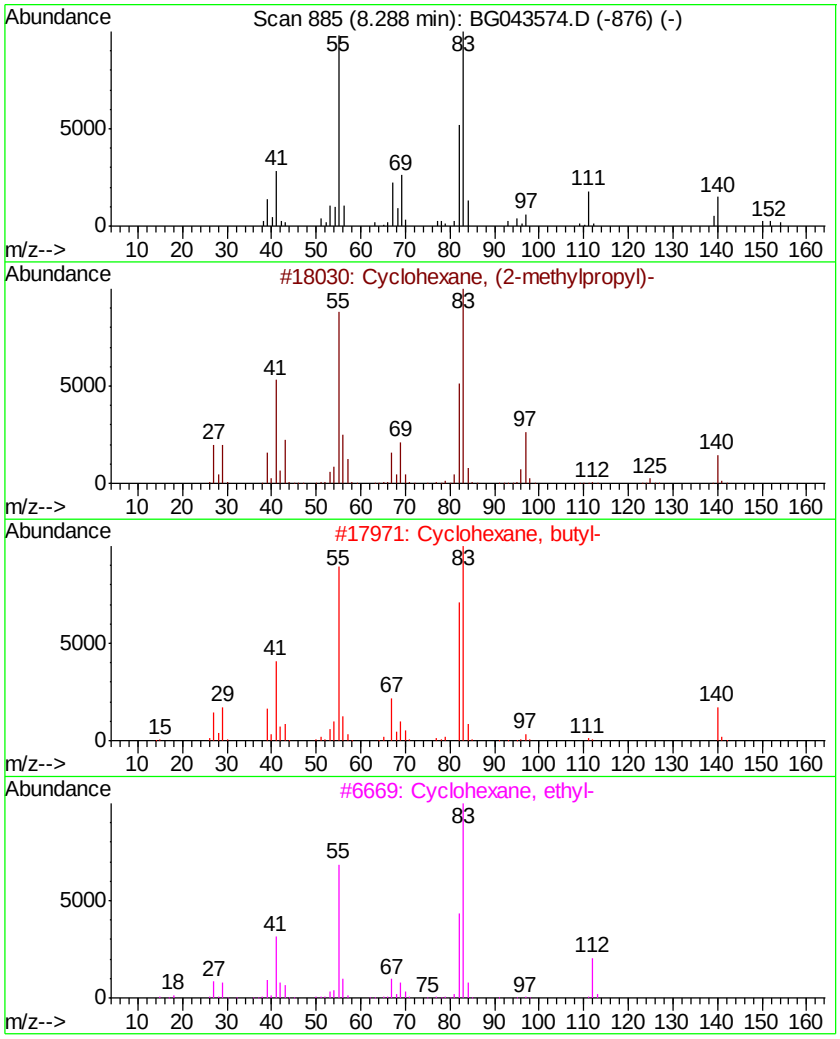
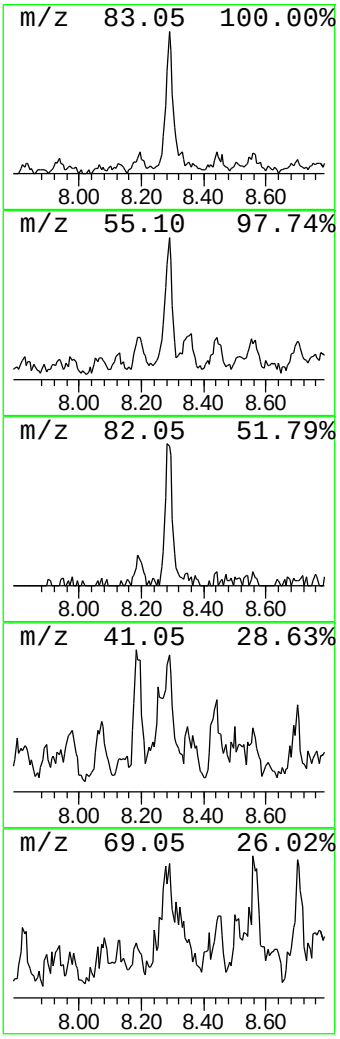
****

Peak Number 4 Cyclohexane, (2-methylpropyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	9.81 ng	84427	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	53
5	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	53





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Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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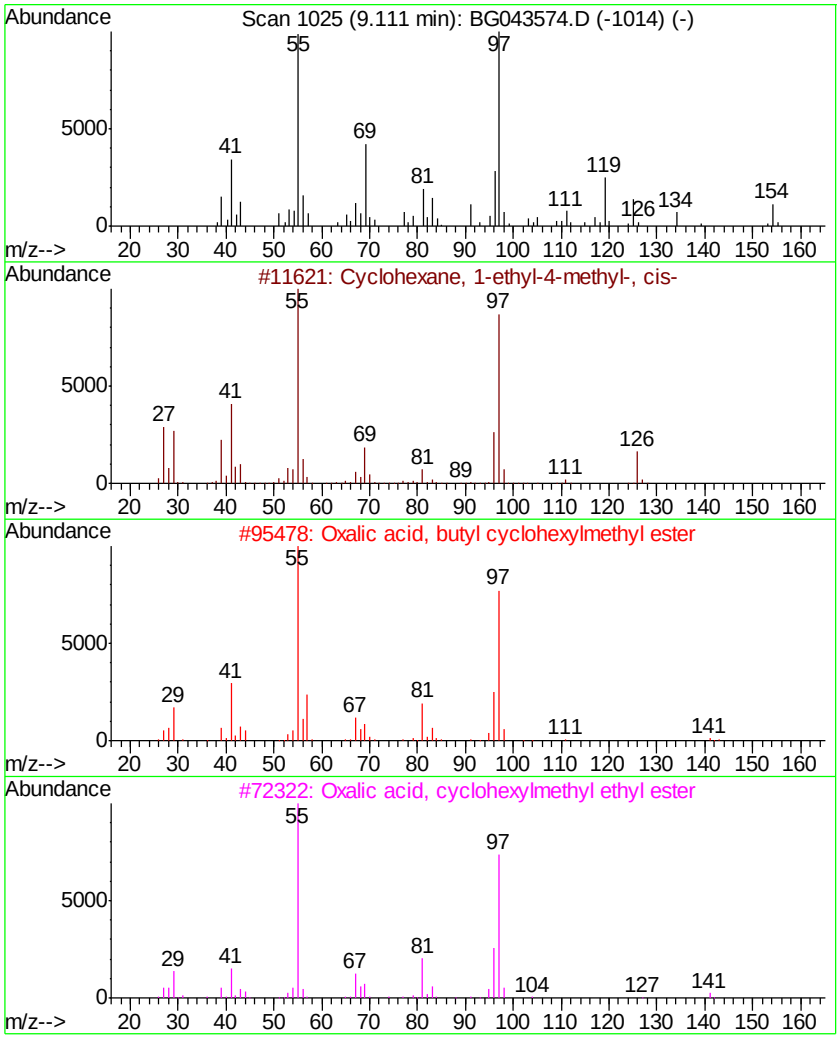
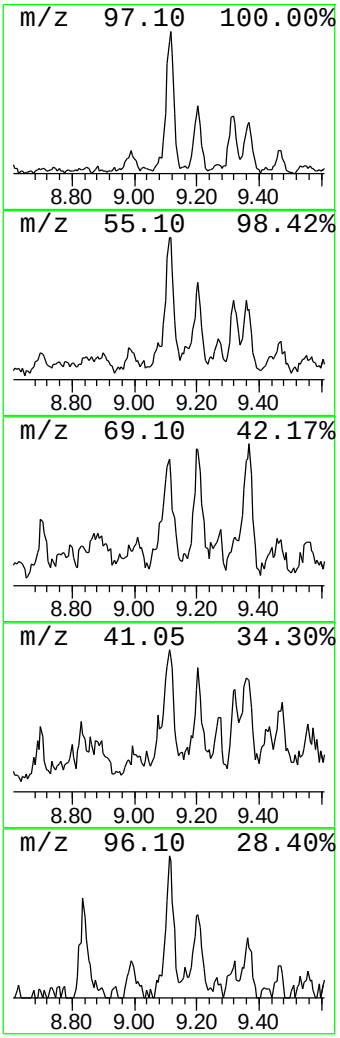
Peak Number 6 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	17.72 ng	152513	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
2	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	52
3	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	50
4	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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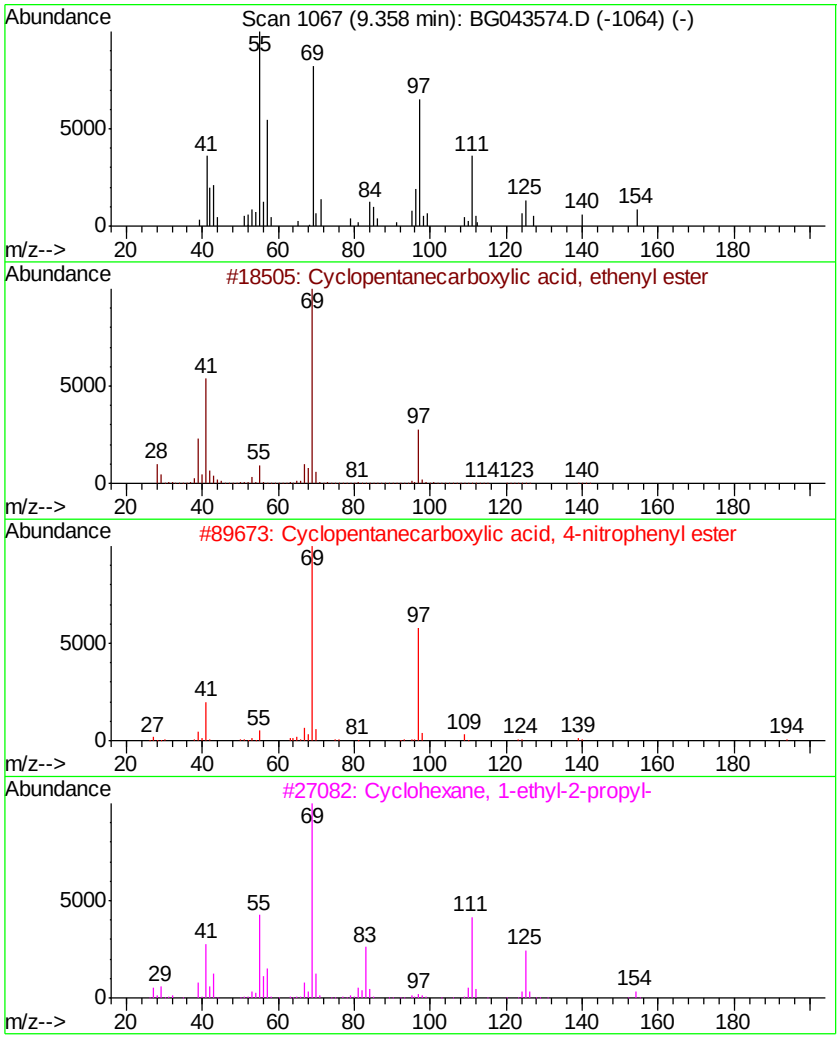
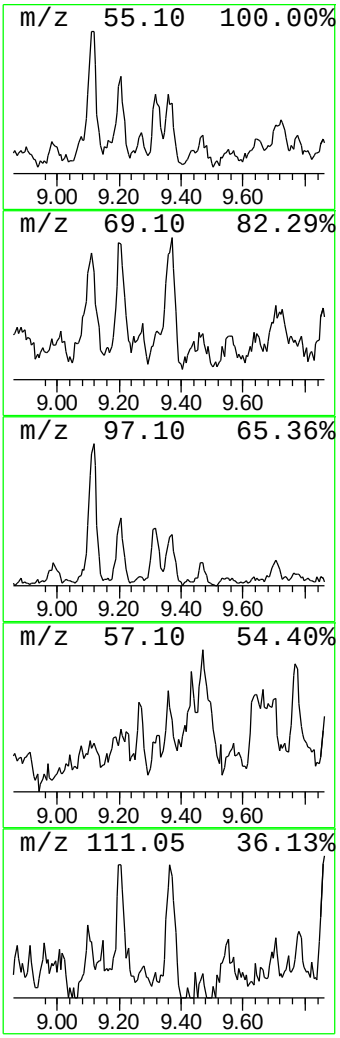
Peak Number 7 unknown9.36 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	9.04 ng	77764	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	43
2	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	43
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	41
4	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	35
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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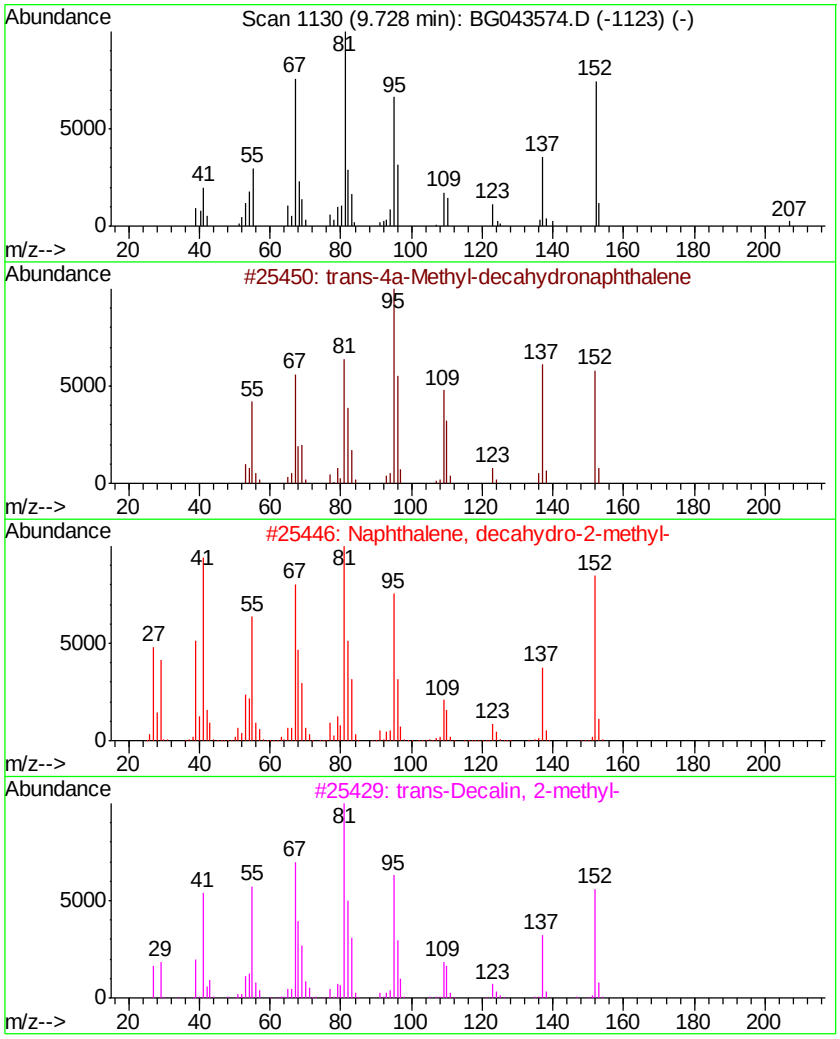
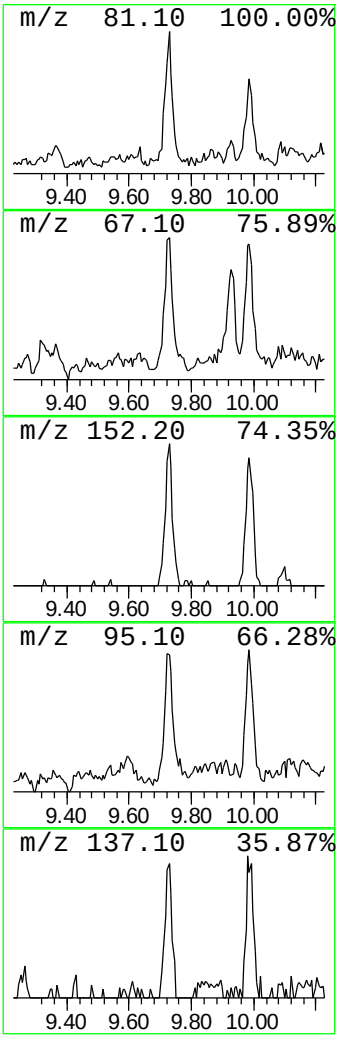
Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	8.80 ng	108407	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	81
5	Pulegone	152	C10H16O	000089-82-7	74





Library Search Compound Report

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Acq On : 8 Nov 2019 18:02
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Sample : K5742-01
Misc :
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Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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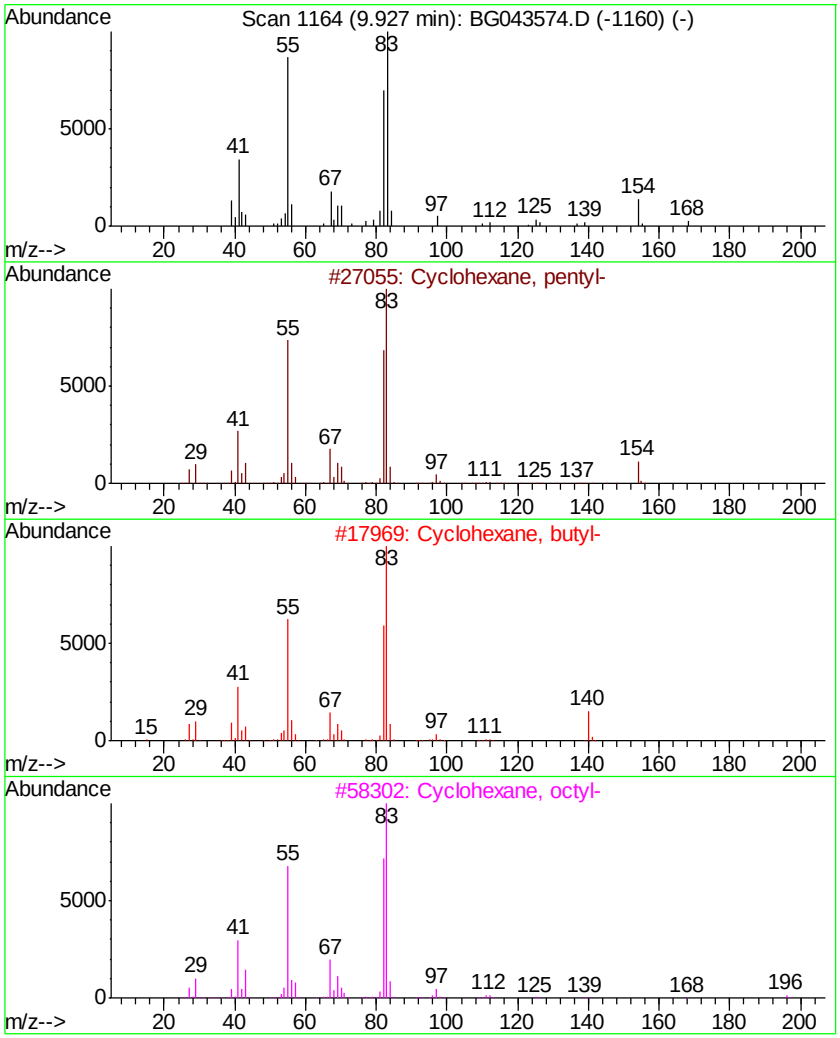
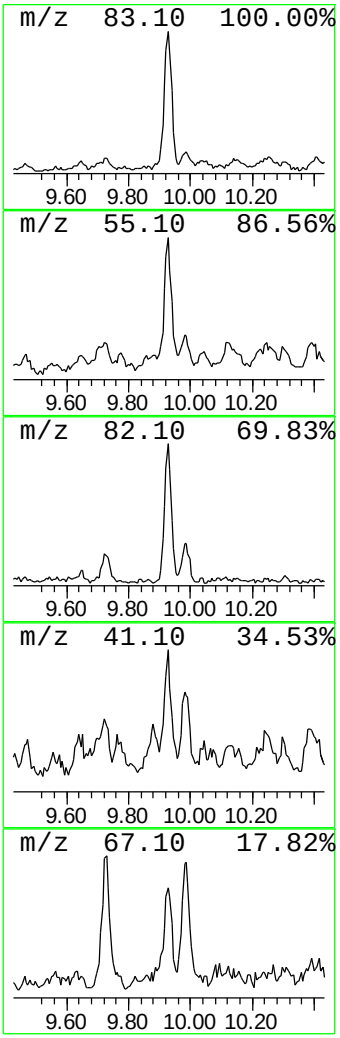
Peak Number 9 Cyclohexane, pentyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	9.75 ng	120066	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72





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Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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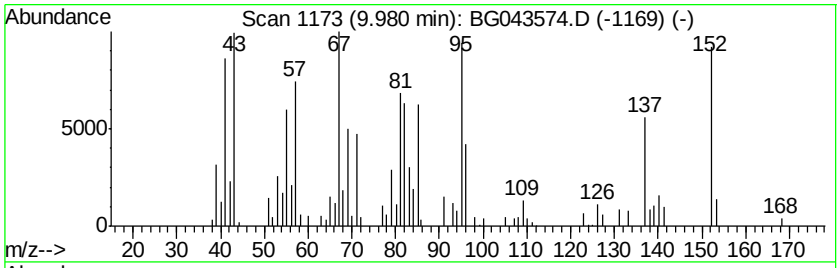
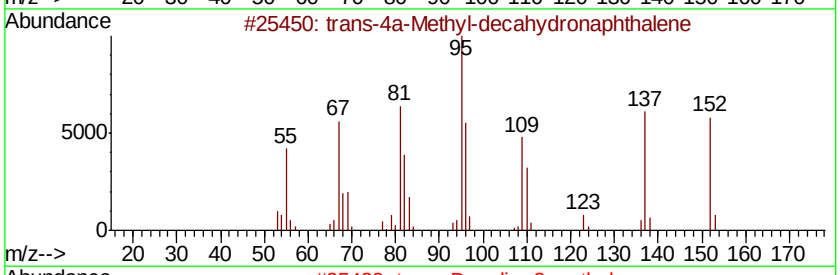
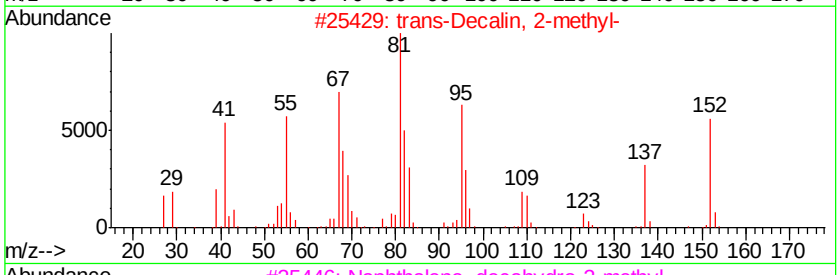
Peak Number 10 trans-4a-Methyl-decahydrona... Concentration Rank 17

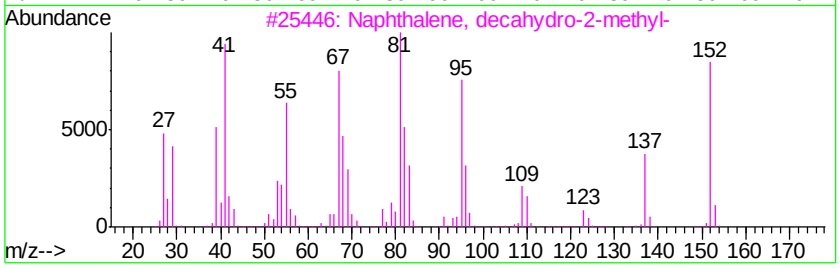
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	9.57 ng	117860	Naphthalene-d8	10.81

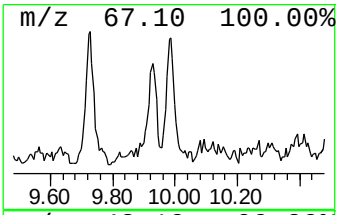
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	81
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	58
5	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	46

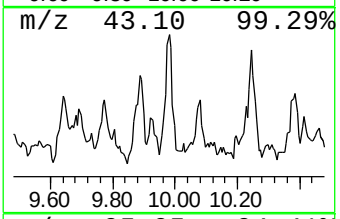


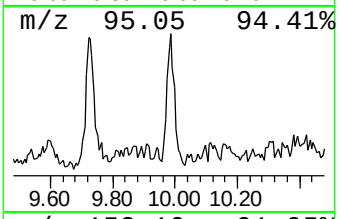


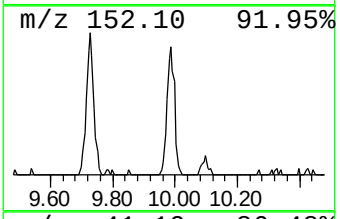


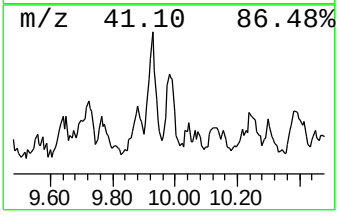












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Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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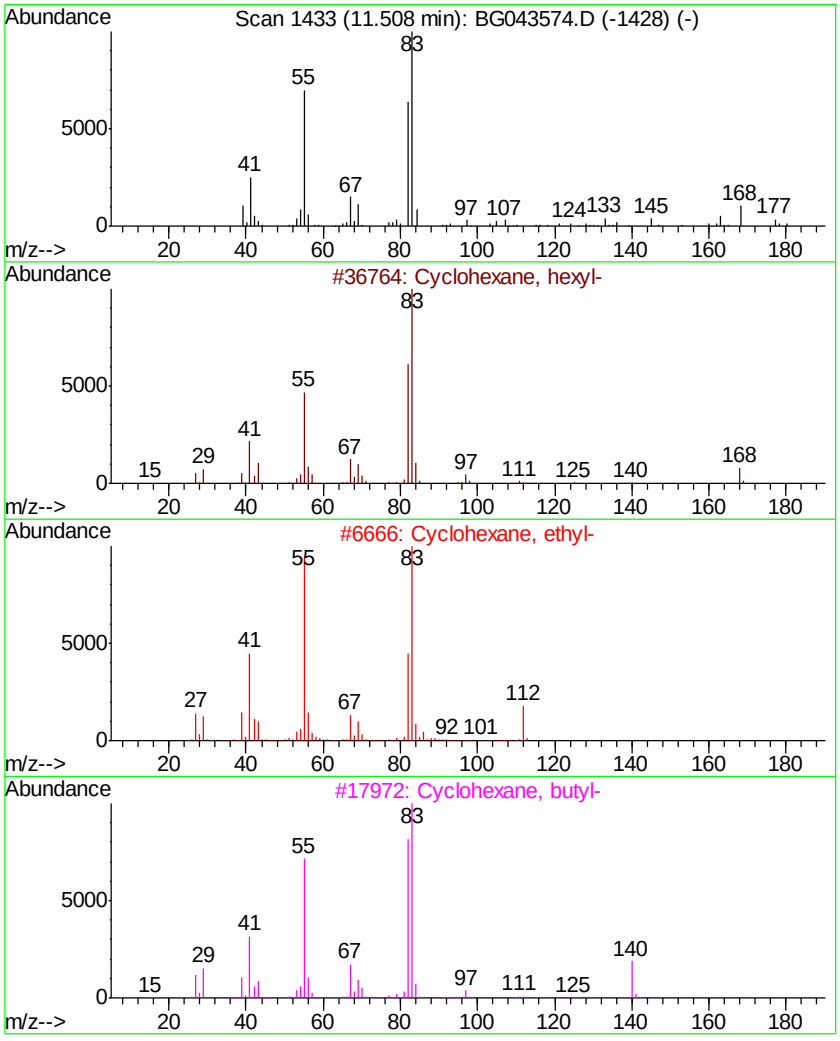
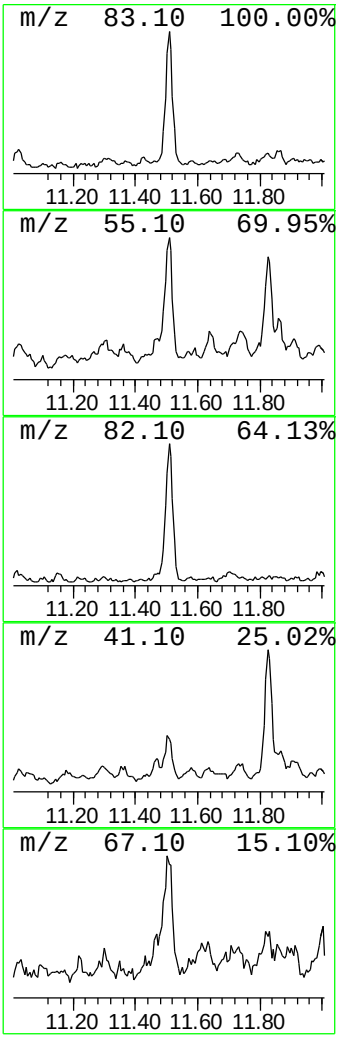
Peak Number 11 Cyclohexane, hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	18.25 ng	224777	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	80
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





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Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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

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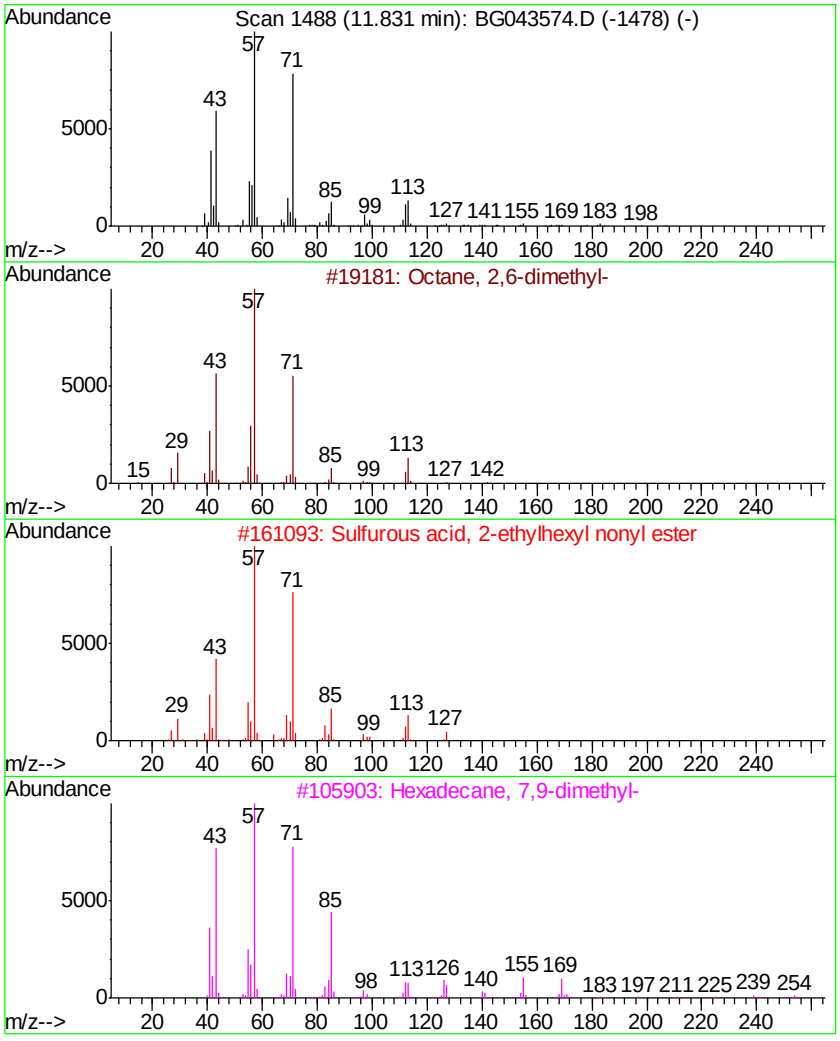
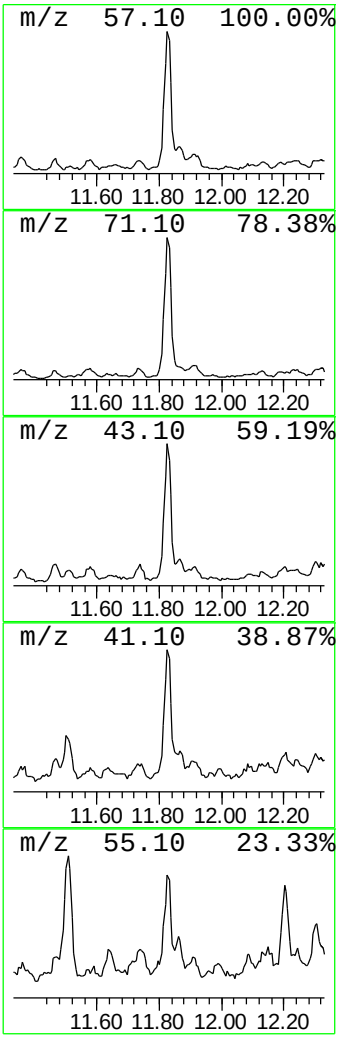
Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	43.68 ng	538089	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5	Hexadecane	226	C16H34	000544-76-3	59





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

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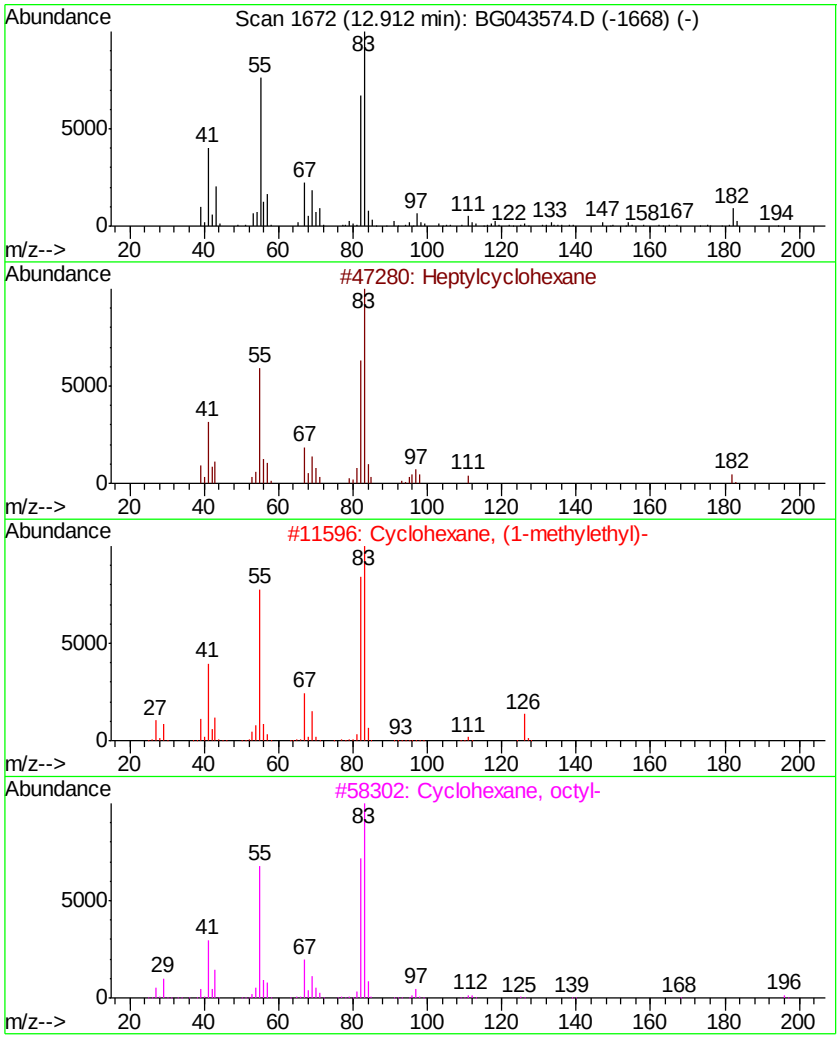
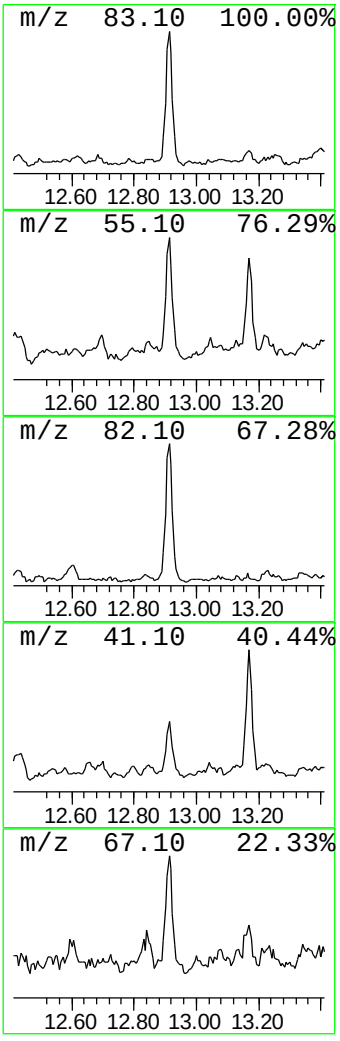
Peak Number 13 Heptylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	15.23 ng	318658	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	91
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	86
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83





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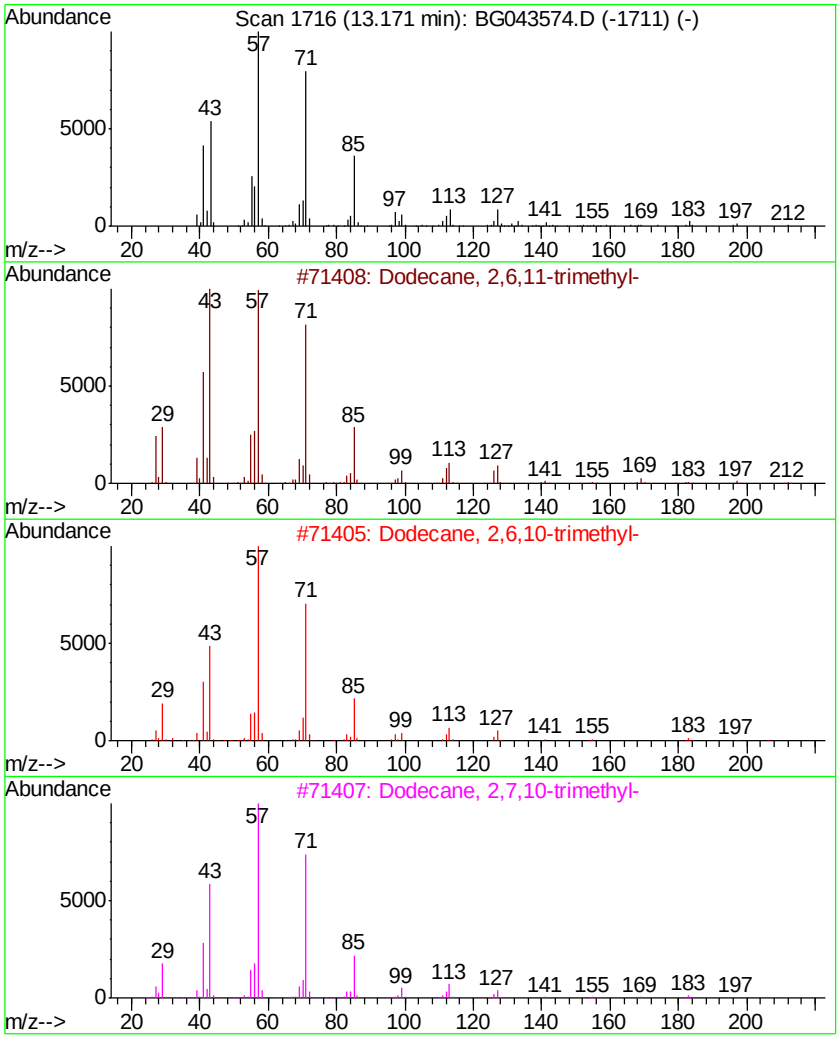
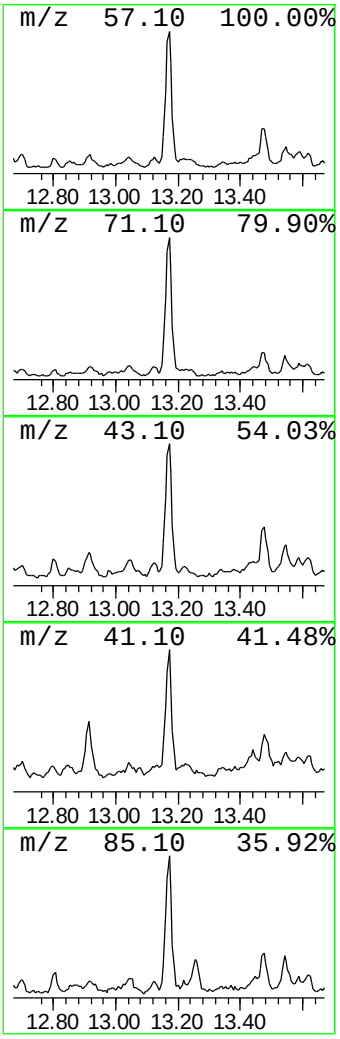
Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	27.63 ng	578199	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	80
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78





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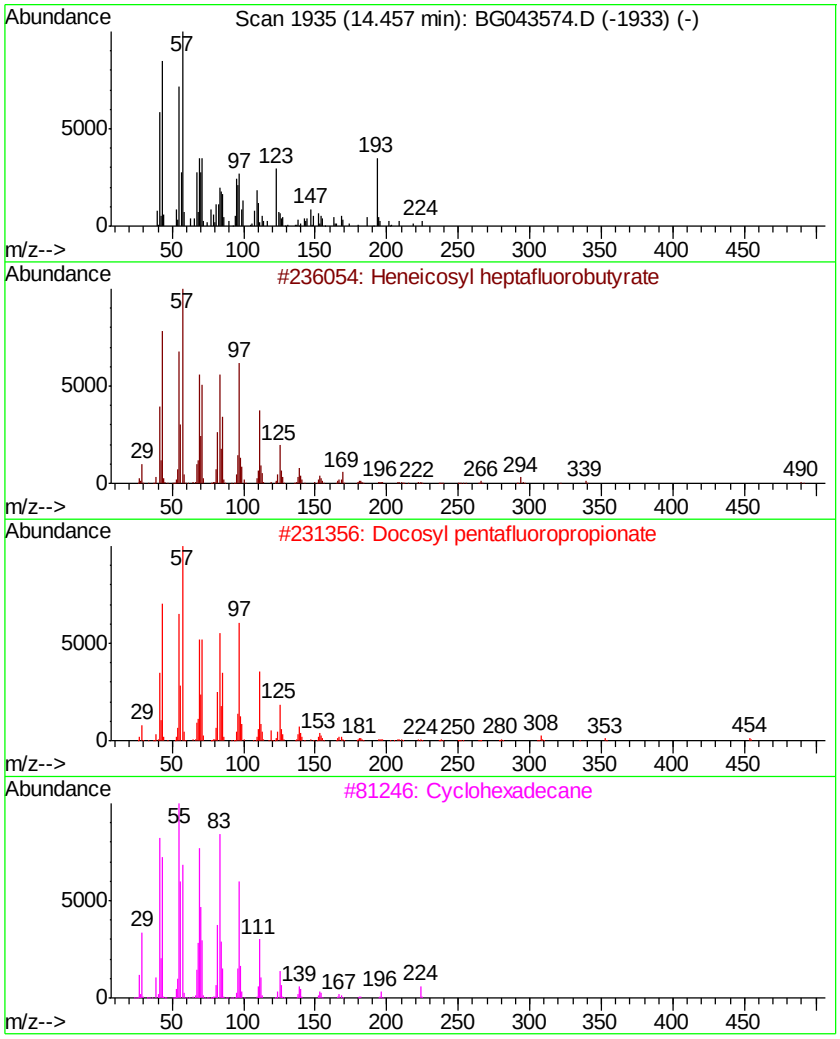
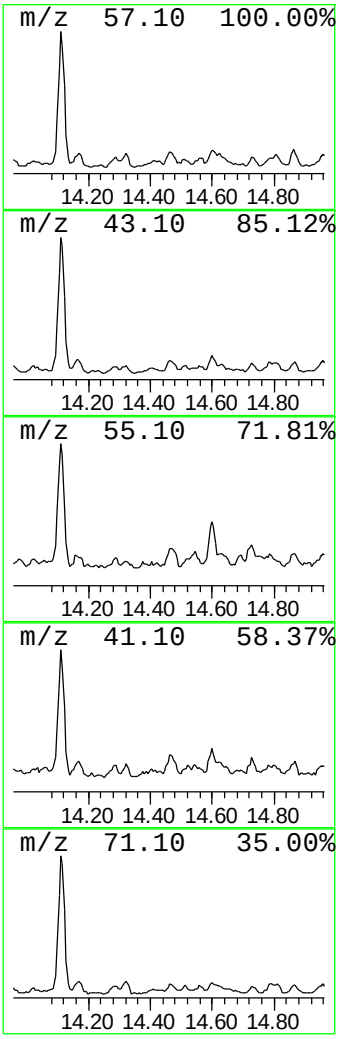
Peak Number 15 unknown14.46 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.66 ng	181152	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	49
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	49
3	Cyclohexadecane	224	C16H32	000295-65-8	47
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	46
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	46





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Data File : BG043574.D
Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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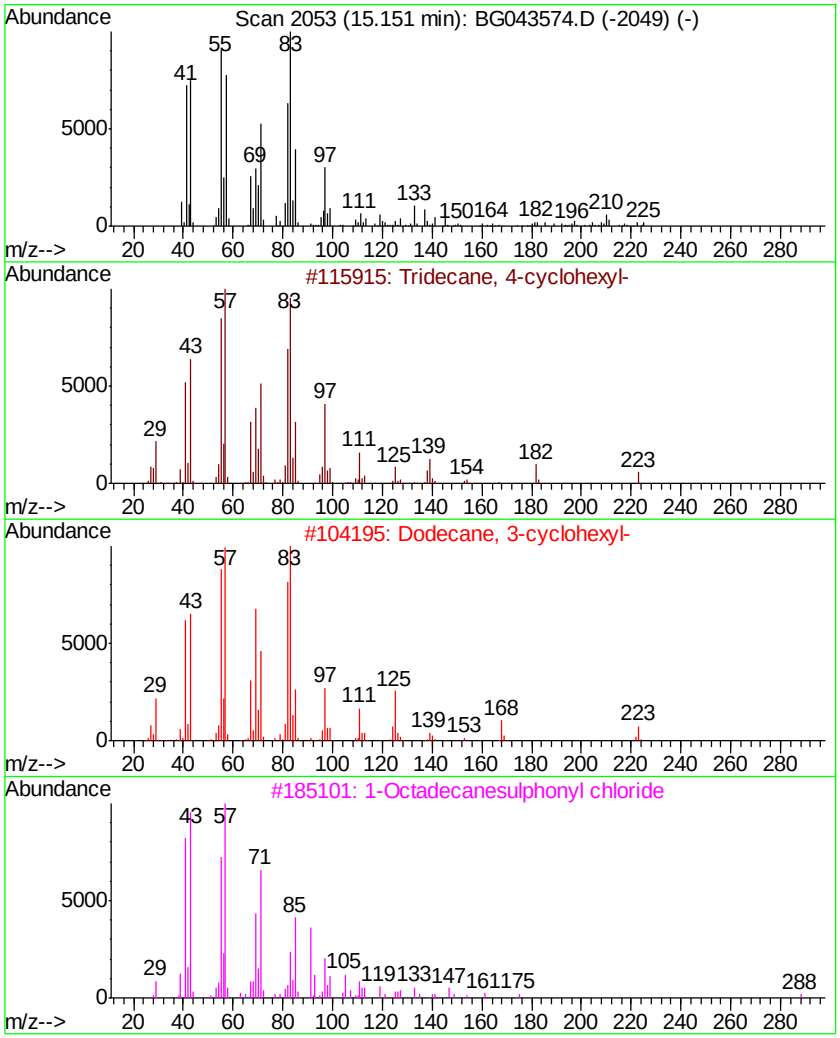
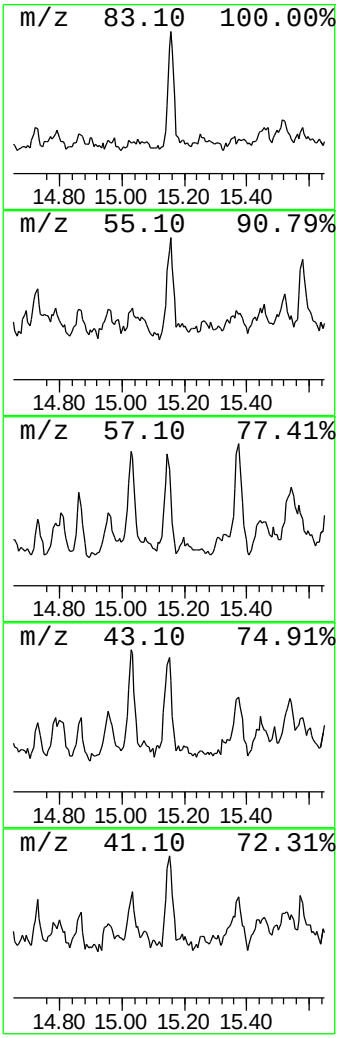
Peak Number 16 Tridecane, 4-cyclohexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	11.97 ng	250502	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-cyclohexyl-	266	C19H38	013151-89-8	72
2	Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	64
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38





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Data File : BG043574.D
Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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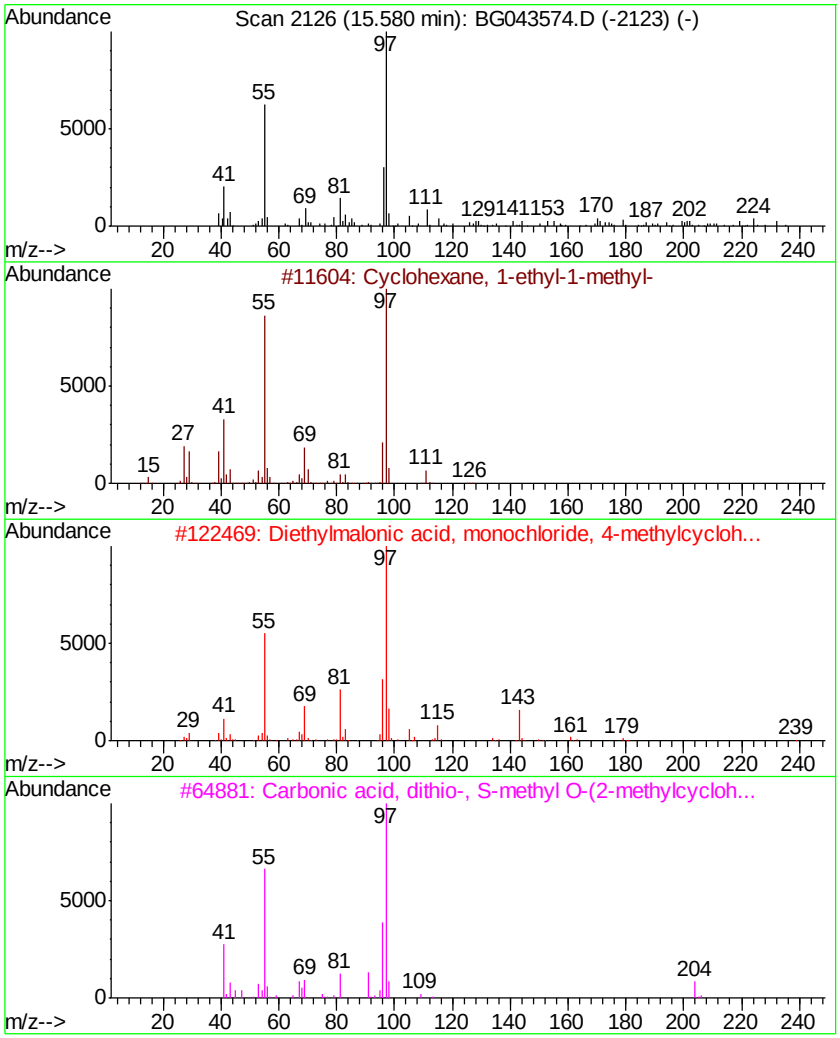
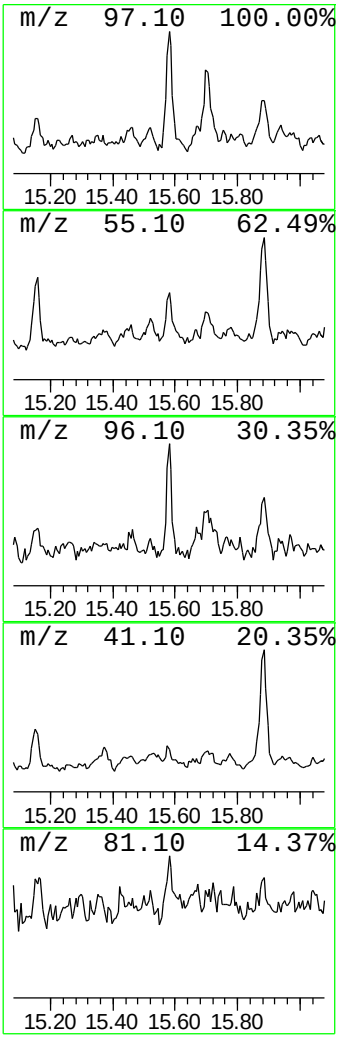
Peak Number 17 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	9.83 ng	205725	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
2	Diethylmalonic acid, monochlorid...	274	C14H23ClO3	1000371-17-9	59
3	Carbonic acid, dithio-, S-methyl...	204	C9H16OS2	015288-12-7	59
4	2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	58
5	2-Thiophenylpropanoic acid, ,.ga...	232	C13H12O2S	051535-43-4	50





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Data File : BG043574.D
Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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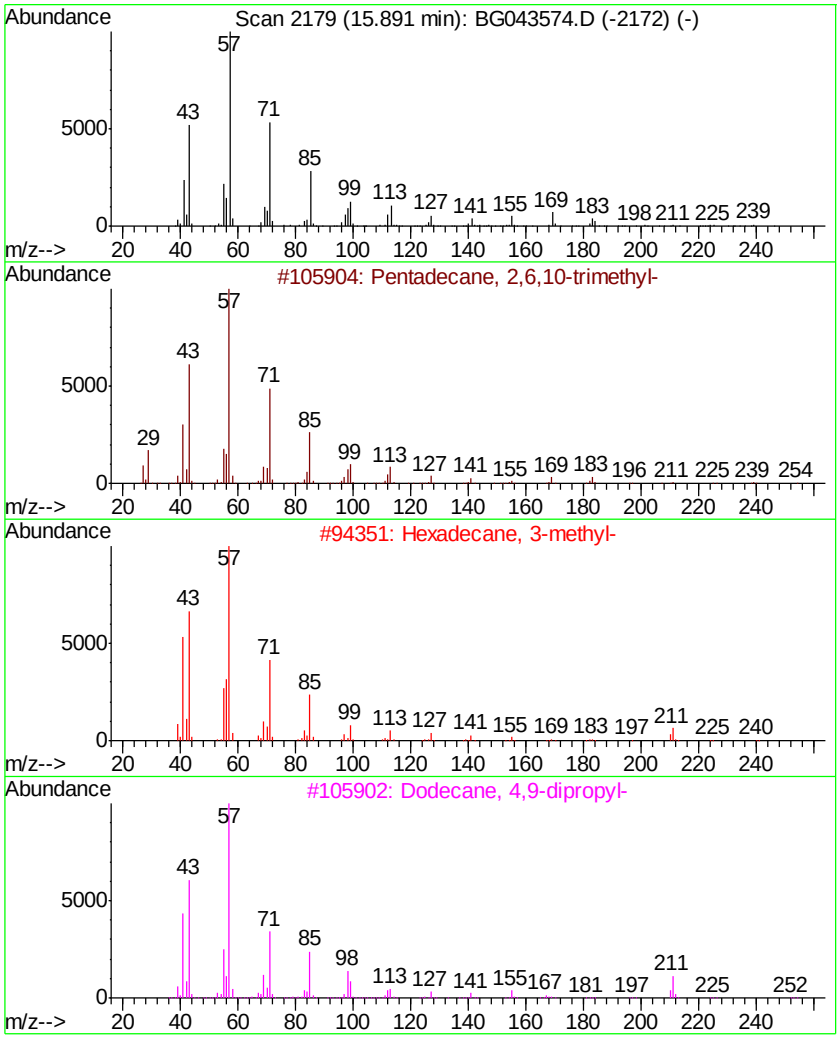
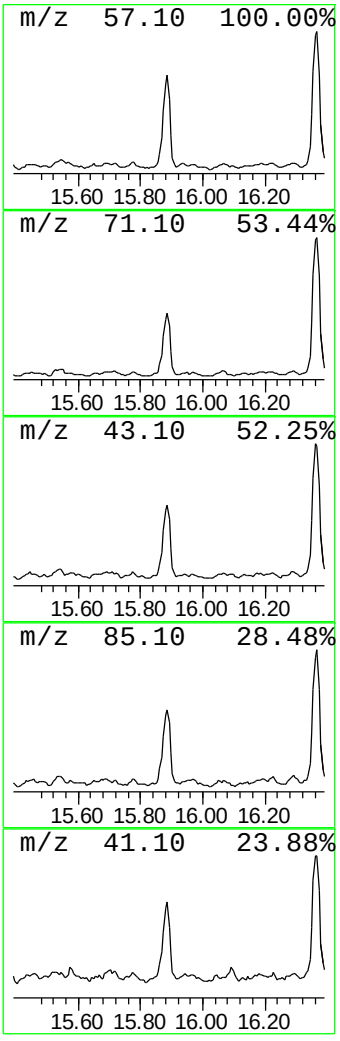
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	43.04 ng	900614	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
3	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76





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Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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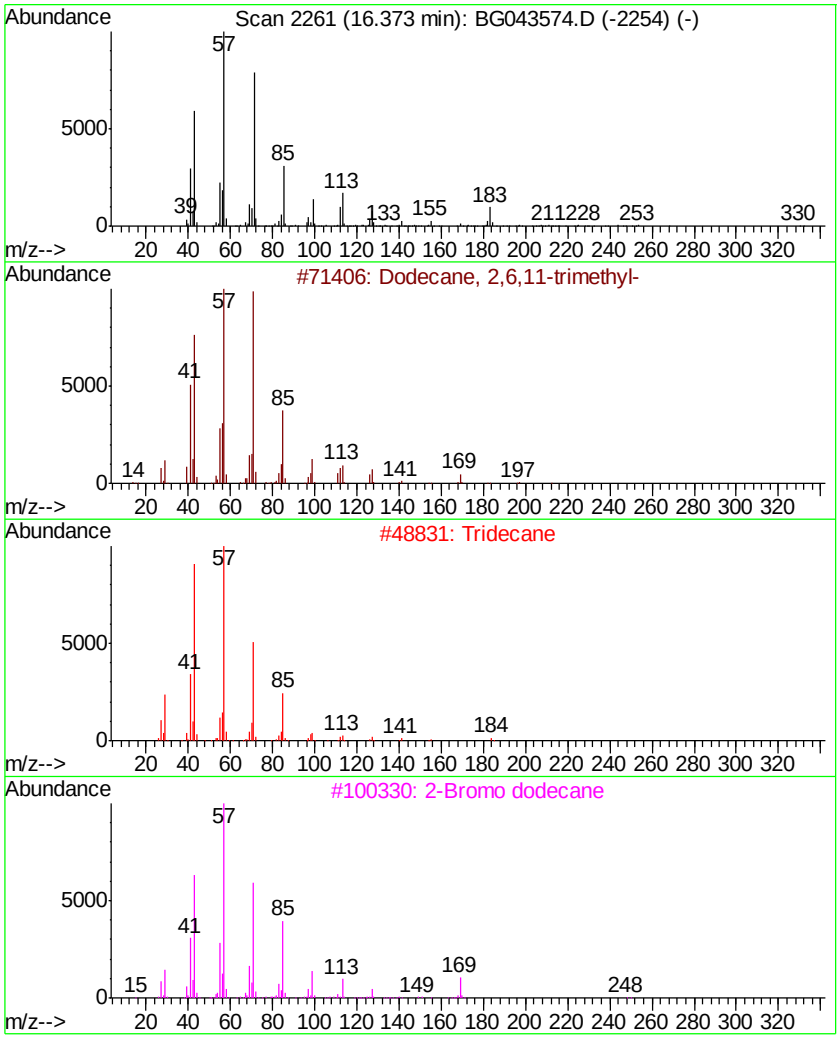
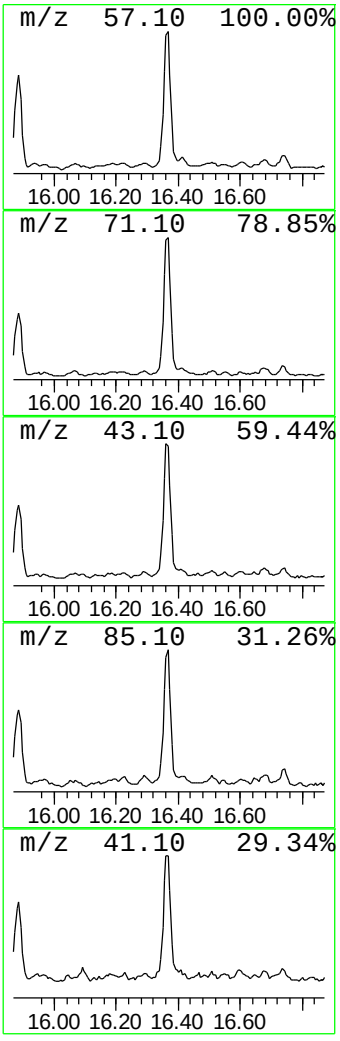
Peak Number 19 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	54.52 ng	1535770	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Tridecane	184	C13H28	000629-50-5	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
5	Heptacosane	380	C27H56	000593-49-7	80





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Data File : BG043574.D
Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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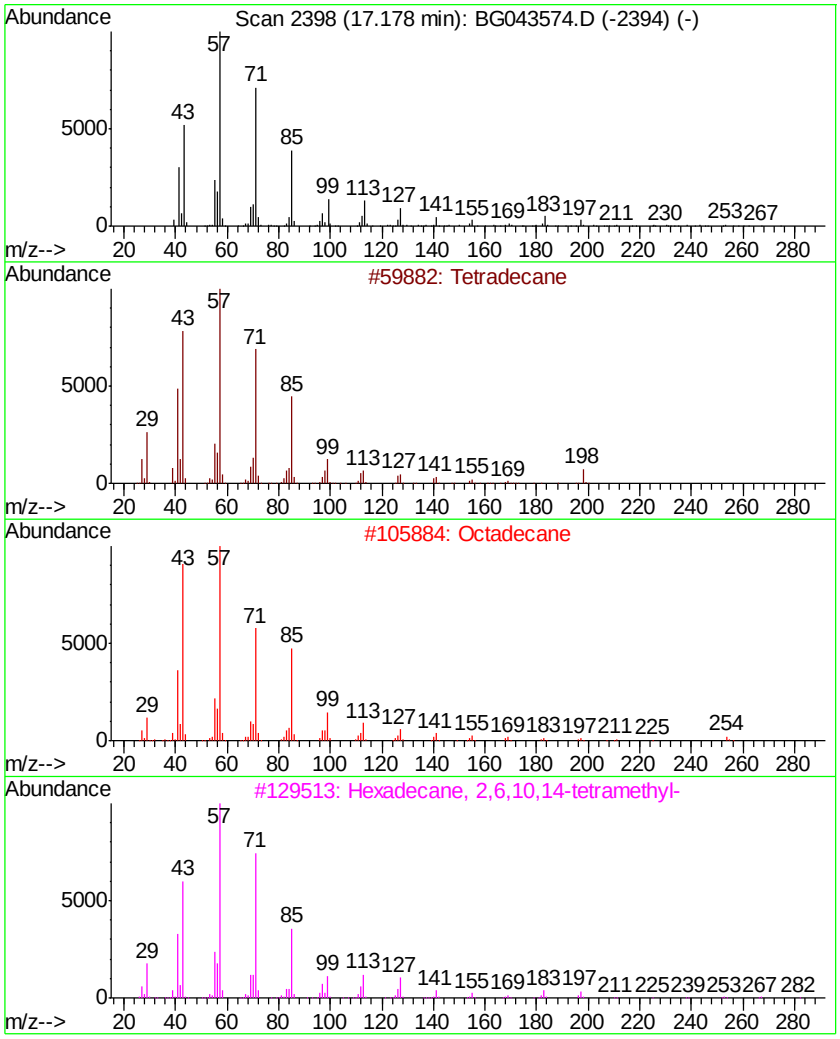
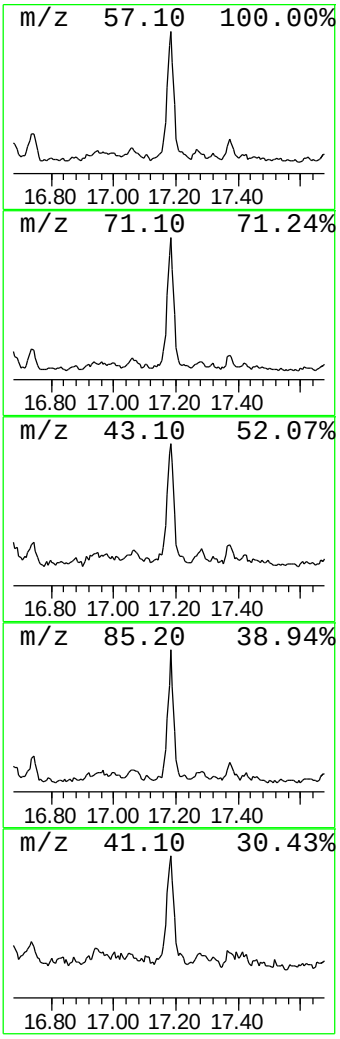
Peak Number 20 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	27.84 ng	784063	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Tentatively Identified Compound (LSC) summary

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Data File : BG043574.D
Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : K5742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	15.8	ng	135500	1	8.01	172118	20.0
2-Pentanone, 4-hy...	5.11	18.2	ng	156753	1	8.01	172118	20.0
unknown7.55	7.55	59.9	ng	515469	1	8.01	172118	20.0
Cyclohexane, (2-m...	8.29	9.8	ng	84427	1	8.01	172118	20.0
Cyclohexane, 1-et...	9.11	17.7	ng	152513	1	8.01	172118	20.0
unknown9.36	9.36	9.0	ng	77764	1	8.01	172118	20.0
trans-Decalin, 2-...	9.73	8.8	ng	108407	2	10.81	246389	20.0
Cyclohexane, pentyl-	9.93	9.8	ng	120066	2	10.81	246389	20.0
trans-4a-Methyl-d...	9.98	9.6	ng	117860	2	10.81	246389	20.0
Cyclohexane, hexyl-	11.51	18.3	ng	224777	2	10.81	246389	20.0
Octane, 2,6-dimet...	11.83	43.7	ng	538089	2	10.81	246389	20.0
Heptylcyclohexane	12.91	15.2	ng	318658	3	14.63	418483	20.0
Dodecane, 2,6,10-...	13.17	27.6	ng	578199	3	14.63	418483	20.0
unknown14.46	14.46	8.7	ng	181152	3	14.63	418483	20.0
Tridecane, 4-cycl...	15.15	12.0	ng	250502	3	14.63	418483	20.0
Cyclohexane, 1-et...	15.58	9.8	ng	205725	3	14.63	418483	20.0
Pentadecane, 2,6,...	15.89	43.0	ng	900614	3	14.63	418483	20.0
2-Bromo dodecane	16.37	54.5	ng	1535770	4	17.38	563345	20.0
Tetradecane	17.18	27.8	ng	784063	4	17.38	563345	20.0