LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051073.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.758	379	386	398	rBV	495263	817499	47.49%	1.644%
2	6.452	497	504	506	rBV3	48032	90080	5.23%	0.181%
3	6.575	519	525	534	rVB5	22813	59136	3.44%	0.119%
4	6.663	534	540	545	rBV4	50650	112472	6.53%	0.226%
5	6.734	549	552	557	rVV2	59184	103513	6.01%	0.208%
6	6.792	557	562	567	rVV5	46533	127201	7.39%	0.256%
7	6.845	567	571	575	rVV3	75263	145788	8.47%	0.293%
8	6.881	575	577	584	rVV5	34361	72250	4.20%	0.145%
9	6.945	584	588	593	rVV3	44027	71695	4.16%	0.144%
10	7.010	593	599	606	rVV2	60320	116666	6.78%	0.235%
11	7.204	628	632	642	rVB8	18501	59293	3.44%	0.119%
12	7.292	642	647	651	rBV2	39539	63367	3.68%	0.127%
13	7.368	651	660	670	rVV	489986	1012283	58.80%	2.036%
14	7.486	675	680	682	rBV3	44386	71161	4.13%	0.143%
15	7.521	682	686	692	rVB4	75008	141302	8.21%	0.284%
16	7.586	692	697	701	rBV4	60438	109055	6.34%	0.219%
17	7.638	702	706	711	rVB6	25331	51494	2.99%	0.104%
18	7.703	711	717	721	rBV2	87217	172587	10.03%	0.347%
19	7.803	731	734	738	rVB3	44009	60500	3.51%	0.122%
20	7.926	750	755	760	rBV3	60949	119437	6.94%	0.240%
21	7.991	762	766	769	rBV2	41141	65868	3.83%	0.132%
22	8.026	769	772	778	rVB4	63858	110535	6.42%	0.222%
23	8.138	784	791	800	rBV5	151573	418082	24.29%	0.841%
24	8.226	801	806	810	rVV2	77191	121540	7.06%	0.244%
25	8.273	810	814	820	rVB3	80474	157032	9.12%	0.316%
26	8.338	820	825	827	rBV4	69021	121440	7.05%	0.244%
27	8.385	828	833	839	rVB3	269520	488886	28.40%	0.983%
28	8.449	839	844	849	rBV2	158265	298926	17.36%	0.601%
29	8.526	854	857	859	rVV2	51054	79811	4.64%	0.161%
30	8.555	859	862	868	rVB4	68697	116324	6.76%	0.234%
31	8.655	875	879	883	rVB2	102310	160088	9.30%	0.322%
32	8.708	883	888	890	rBV3	61147	96484	5.60%	0.194%
33	8.767	890	898	908	rVB7	142509	429192	24.93%	0.863%
34	8.990	931	936	943	rVB4	134246	316920	18.41%	0.637%
35	9.066	943	949	963	rBV10	231758	924715	53.72%	1.860%
36	9.201	963	972	981	rVB9	141348	487188	28.30%	0.980%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.319	981	992	998	rBV6	321930	1004667	58.36%	2.021%
38	9.401	1000	1006	1014	rBV3	355525	733319	42.60%	1.475%
39	9.477	1015	1019	1023	rVB3	119565	194627	11.31%	0.391%
40	9.554	1023	1032	1042	rVB9	274676	1075307	62.46%	2.163%
41	9.636	1042	1046	1048	rBV4	84493	124381	7.23%	0.250%
42	9.677	1050	1053	1061	rVB4	192056	360489	20.94%	0.725%
43	9.771	1062	1069	1073	rBV6	158777	393882	22.88%	0.792%
44	9.912	1089	1093	1096	rBV3	112153	201501	11.71%	0.405%
45	9.953	1096	1100	1110	rVB3	633871	1415906	82.25%	2.848%
46	10.077	1115	1121	1126	rBV4	266593	670064	38.92%	1.348%
47	10.218	1140	1145	1158	rVB4	699757	1633675	94.90%	3.286%
48	10.341	1160	1166	1169	rBV6	154727	347507	20.19%	0.699%
49	10.617	1205	1213	1220	rBV7	221697	717875	41.70%	1.444%
50	10.741	1228	1234	1240	rVB4	521796	1068363	62.06%	2.149%
51	11.052	1283	1287	1293	rBV4	375168	659622	38.32%	1.327%
52	11.175	1303	1308	1314	rVB2	670863	1245580	72.36%	2.505%
53	11.246	1315	1320	1327	rBV5	411185	1023005	59.43%	2.058%
54	11.399	1340	1346	1351	rBV5	259385	674492	39.18%	1.357%
55	11.463	1353	1357	1361	rVV3	271237	470236	27.32%	0.946%
56	11.528	1361	1368	1373	rVB4	651186	1386225	80.53%	2.788%
57	11.575	1373	1376	1378	rBV3	167400	230399	13.38%	0.463%
58	11.863	1420	1425	1429	rBV3	329626	601885	34.96%	1.211%
59	12.033	1449	1454	1458	rBV	841239	1395410	81.06%	2.807%
60	12.080	1458	1462	1466	rVV3	728480	1333555	77.47%	2.682%
61	12.127	1467	1470	1476	rVB3	483691	808781	46.98%	1.627%
62	12.227	1483	1487	1492	rVB3	411138	646911	37.58%	1.301%
63	12.309	1494	1501	1507	rBV5	597778	1447024	84.06%	2.911%
64	12.621	1550	1554	1564	rVB5	530379	1507141	87.55%	3.032%
65	12.832	1585	1590	1593	rBV5	405103	836797	48.61%	1.683%
66	12.944	1605	1609	1613	rBV5	216855	380138	22.08%	0.765%
67	13.056	1625	1628	1634	rVB5	360653	677719	39.37%	1.363%
68	13.120	1635	1639	1646	rVV5	367550	759652	44.13%	1.528%
69	13.361	1676	1680	1690	rBV2	939434	1613977	93.76%	3.246%
70	13.473	1695	1699	1704	rVB	693513	1133683	65.86%	2.280%
71	13.637	1723	1727	1735	rVB6	450531	1111222	64.55%	2.235%
72	14.037	1792	1795	1800	rBV3	231507	363781	21.13%	0.732%
73	14.272	1831	1835	1837	rBV	639070	942151	54.73%	1.895%
74	14.301	1837	1840	1844	rVB2	811414	1125447	65.38%	2.264%
75	14.671	1900	1903	1909	rVB2	514462	797075	46.30%	1.603%
76	14.918	1942	1945	1948	rBV3	170595	195449	11.35%	0.393%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.459	2034	2037	2041	rBV3	136315	223647	12.99%	0.450%
78	16.340	2182	2187	2194	rVB	554927	856842	49.77%	1.724%
79	16.540	2217	2221	2227	rVB3	157525	238749	13.87%	0.480%
80	17.597	2396	2401	2406	rVB	318129	489991	28.46%	0.986%
81	18.020	2470	2473	2477	rVB3	65004	83467	4.85%	0.168%
82	18.073	2480	2482	2486	rVB2	60940	70966	4.12%	0.143%
83	18.261	2510	2514	2521	rBV	211848	292508	16.99%	0.588%
84	18.432	2539	2543	2551	rBV4	91071	179536	10.43%	0.361%
85	18.532	2557	2560	2564	rVB3	71951	89840	5.22%	0.181%
86	18.590	2565	2570	2575	rBV	228335	361959	21.03%	0.728%
87	18.772	2595	2601	2609	rBV3	162798	326588	18.97%	0.657%
88	18.872	2612	2618	2621	rVV4	108569	227136	13.19%	0.457%
89	18.919	2621	2626	2630	rVB2	252324	419015	24.34%	0.843%
90	19.043	2644	2647	2659	rVB4	104634	210029	12.20%	0.422%
91	19.190	2668	2672	2680	rVB4	116438	194764	11.31%	0.392%
92	19.307	2687	2692	2699	rVB	313328	602148	34.98%	1.211%
93	19.466	2715	2719	2724	rVB	108556	146764	8.53%	0.295%
94	19.677	2751	2755	2764	rVB	105443	163672	9.51%	0.329%
95	20.141	2830	2834	2837	rBV	160521	211092	12.26%	0.425%
96	20.188	2837	2842	2847	rVB	1272807	1721461	100.00%	3.463%
97	20.400	2875	2878	2882	rVB	62822	76269	4.43%	0.153%
98	21.487	3060	3063	3073	rVB4	49655	104338	6.06%	0.210%
99	21.892	3127	3132	3139	rVB2	311230	554755	32.23%	1.116%
100	25.300	3703	3712	3724	rVB2	185922	590142	34.28%	1.187%

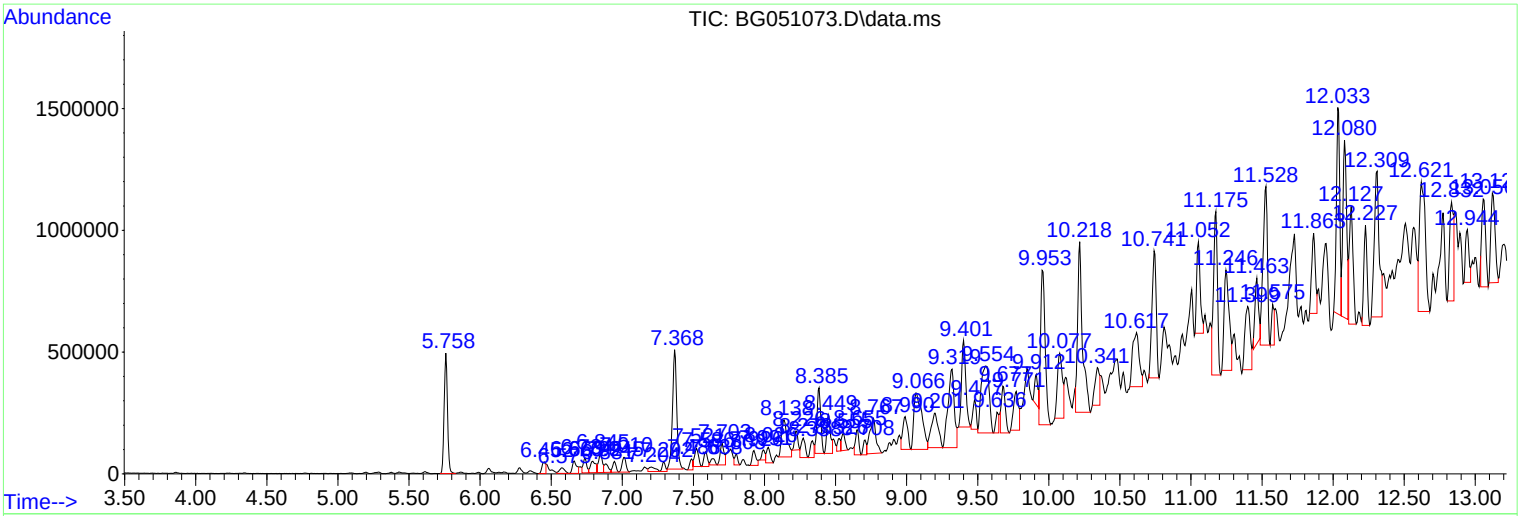
Sum of corrected areas: 49714408

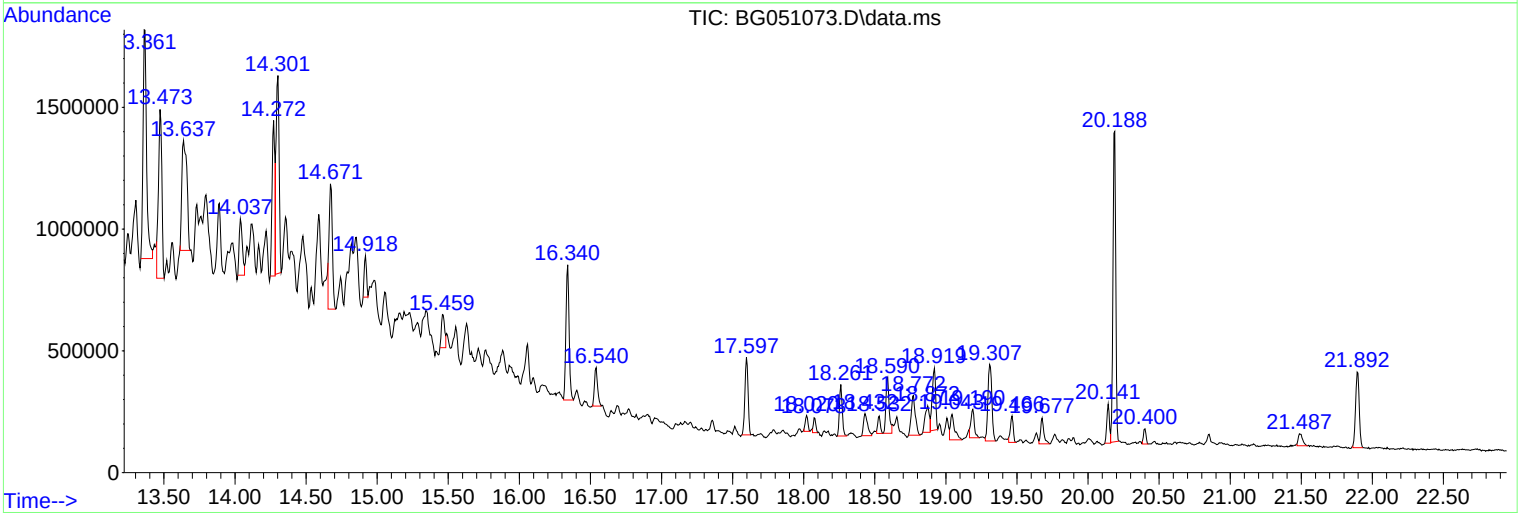
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

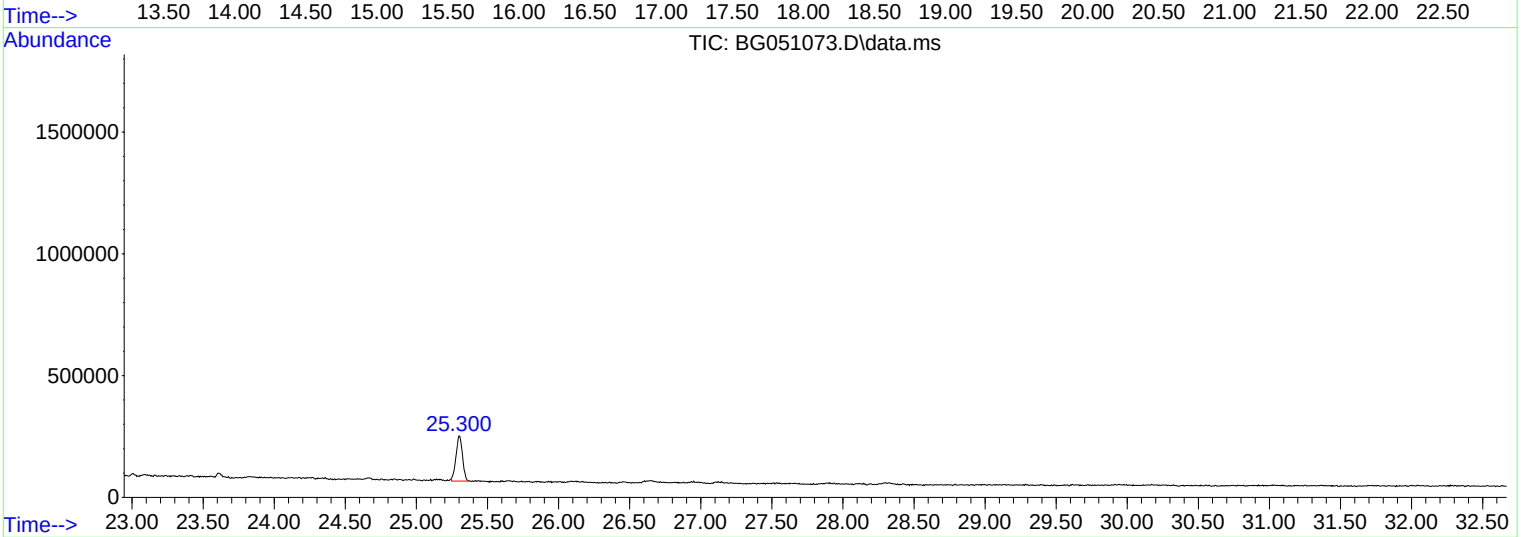
Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

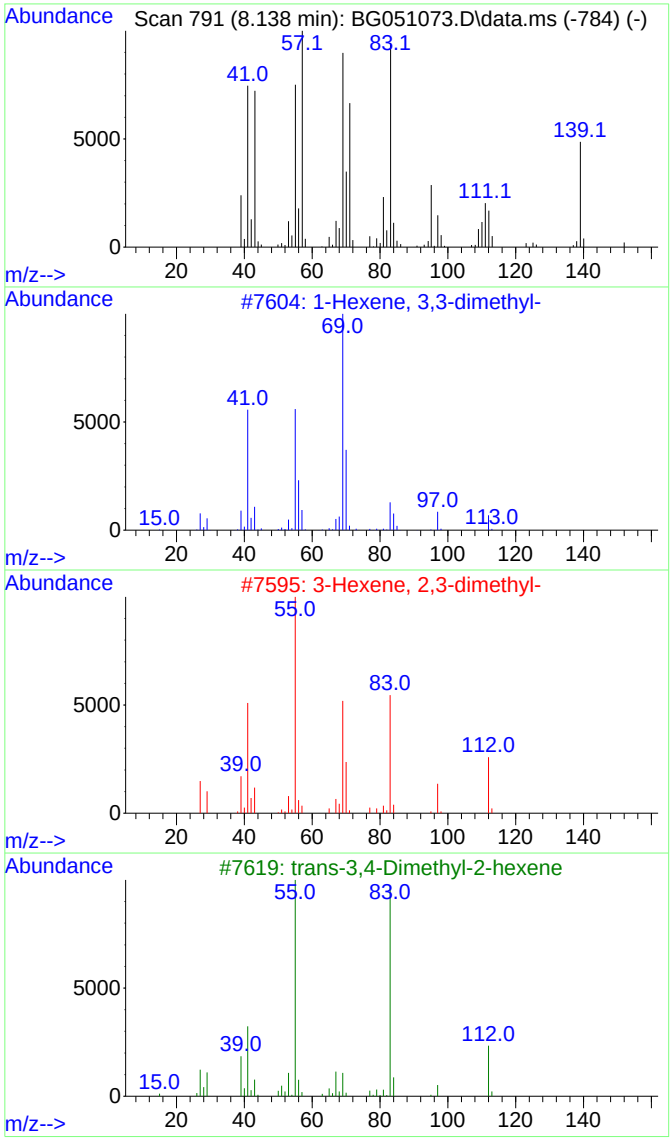
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

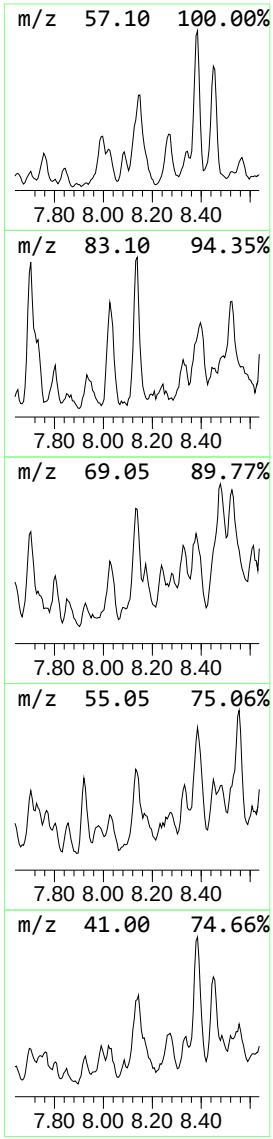
****

Peak Number 1 unknown8.138 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.138	68.80 ng	418082	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
2	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	25
3	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	25
4	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	25
5	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

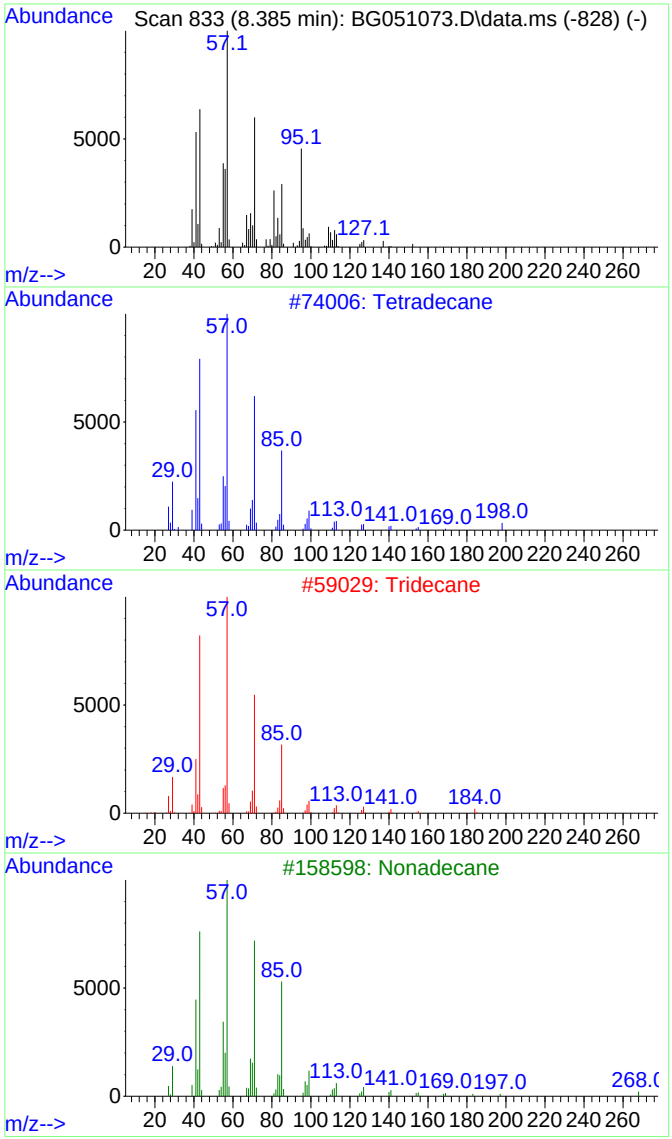
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

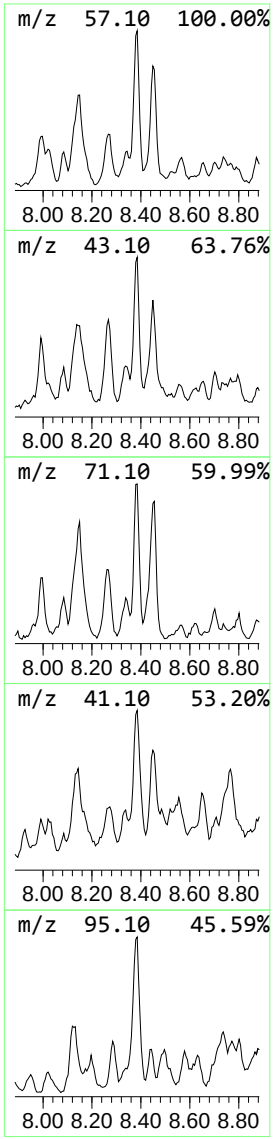
****

Peak Number 2 unknown8.385 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.385	80.45 ng	488886	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	49
2	Tridecane	184	C13H28	000629-50-5	47
3	Nonadecane	268	C19H40	000629-92-5	46
4	Pentadecane	212	C15H32	000629-62-9	46
5	Heptadecane	240	C17H36	000629-78-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

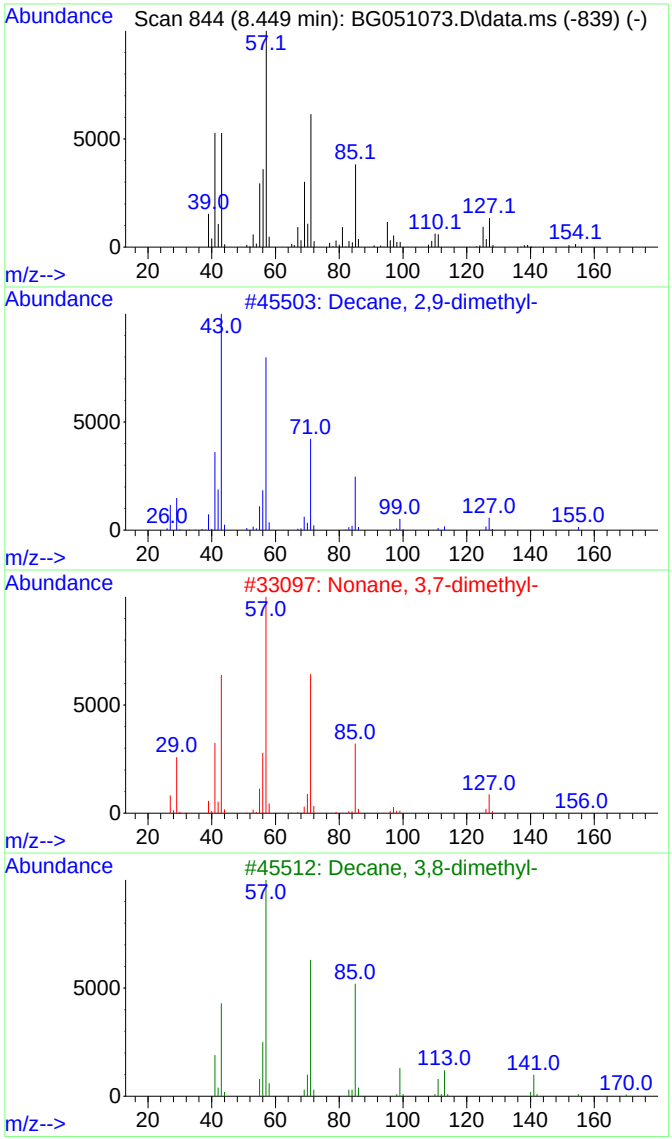
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

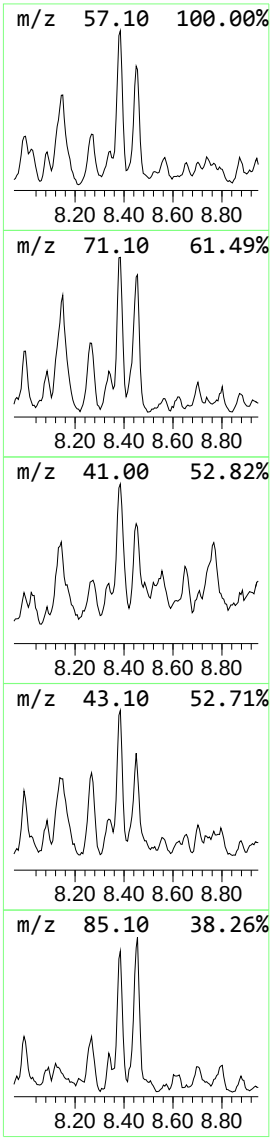
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Decane, 2,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.449	49.19 ng	298926	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
5	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

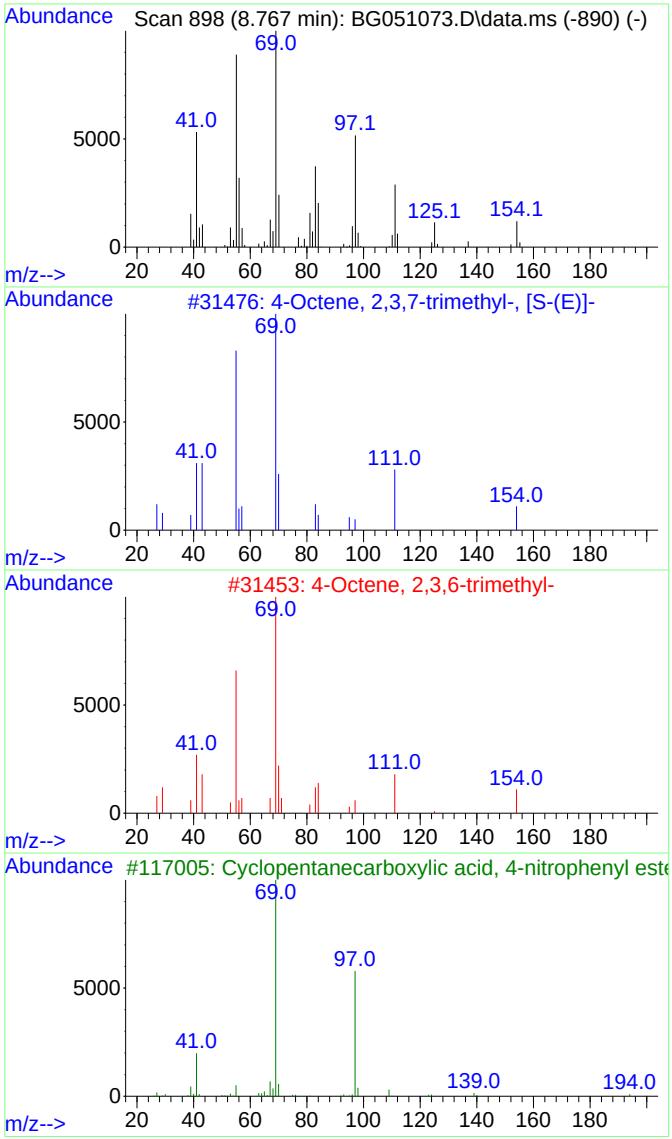
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

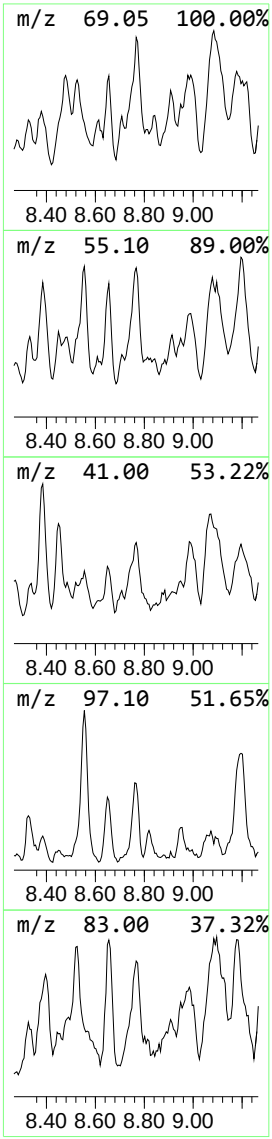
****

Peak Number 4 unknown8.767 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.767	70.63 ng	429192	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	49
2	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	49
3	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	38
4	2-Decene, 2-methyl-	154	C11H22	023381-92-2	38
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

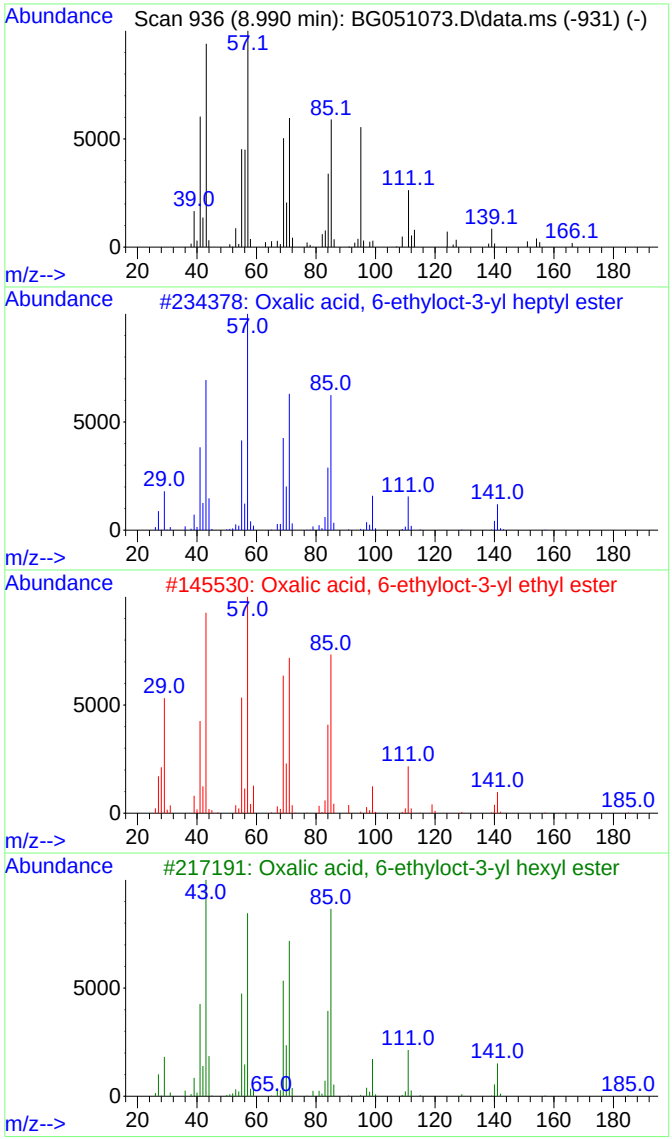
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

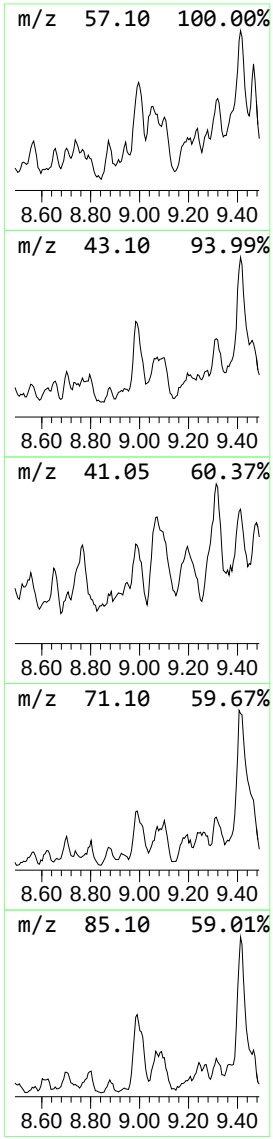
****

Peak Number 5 unknown8.990 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.990	52.15 ng	316920	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	49
2	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	49
3	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	47
4	Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	47
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	43





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Operator : CG/JU
Sample : M4659-01
Misc :
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Instrument :
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ClientSampleId :
HB-2-(6-6.5)-11-10-21

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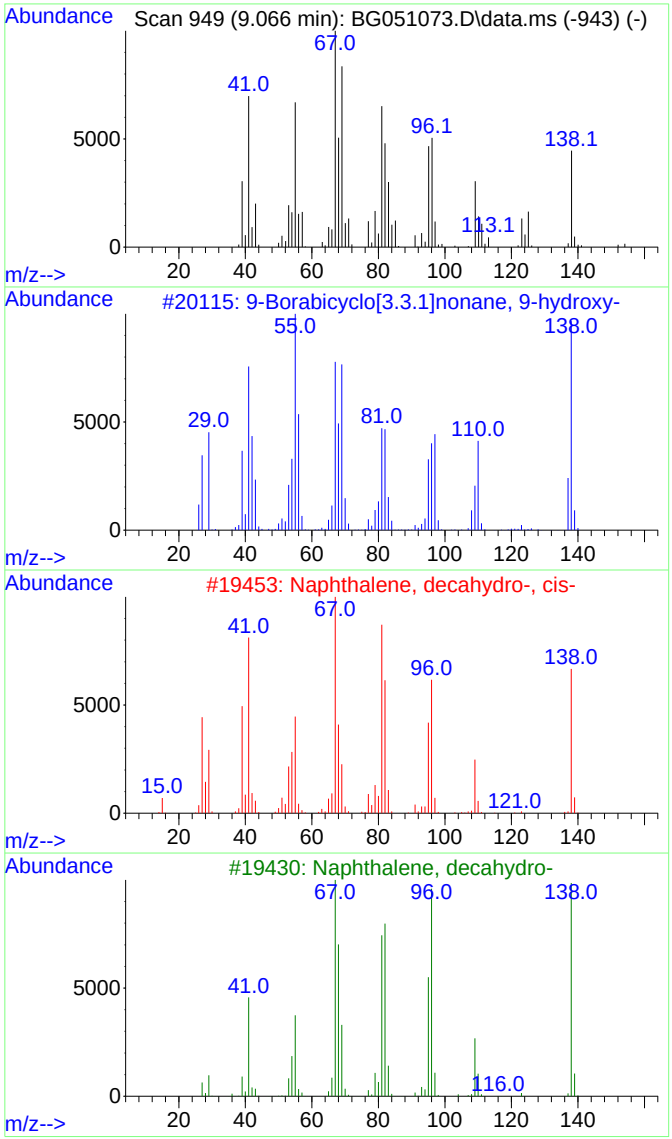
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

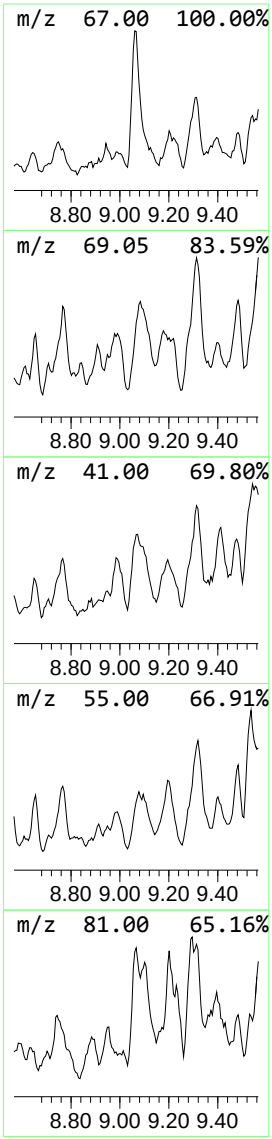
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.066	152.17 ng	924715	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	91
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	64
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	60
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	60





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

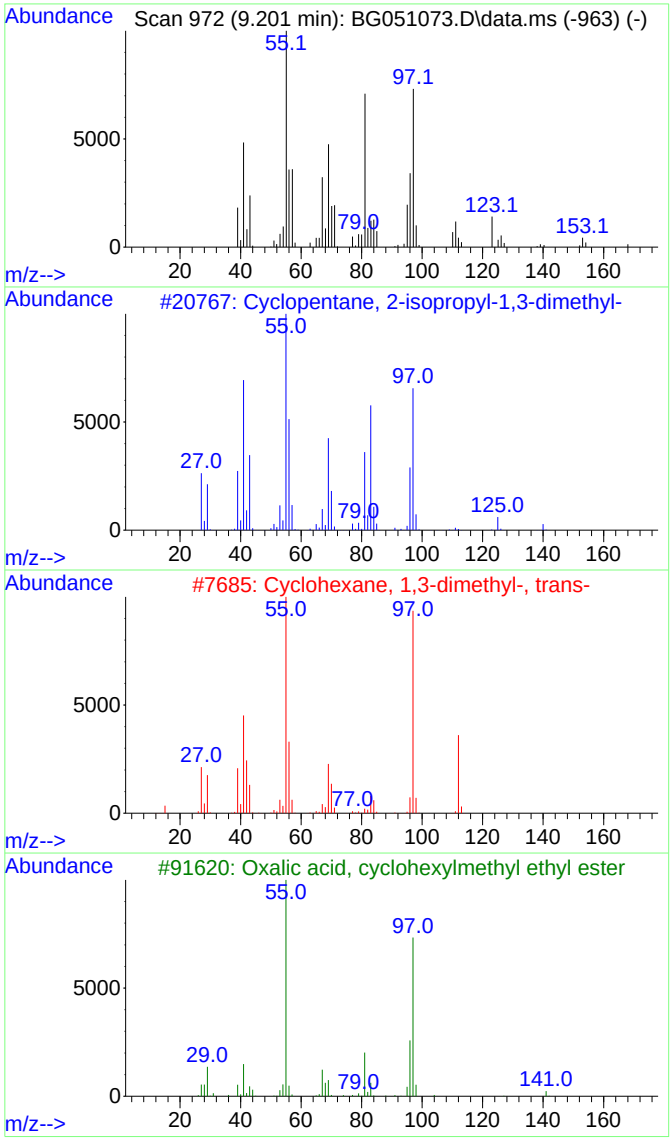
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

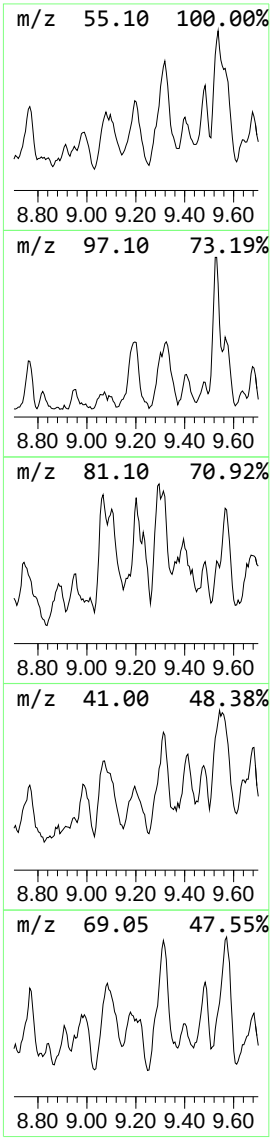
****

Peak Number 7 unknown9.201 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.201	80.17 ng	487188	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	49
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
3	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	47
4	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47
5	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	47





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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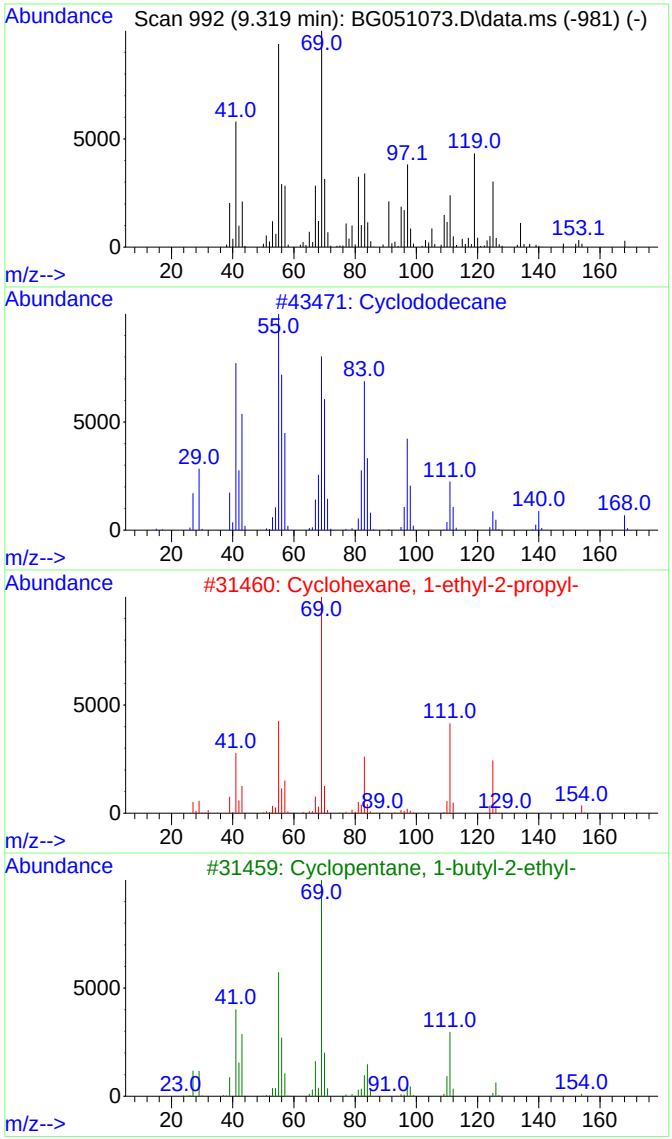
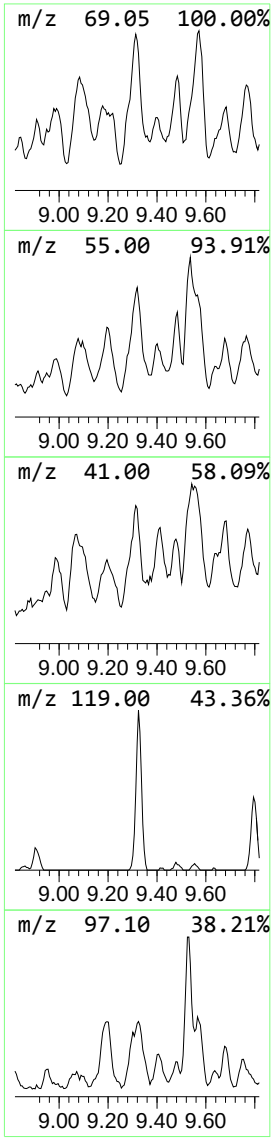
****

Peak Number 8 unknown9.319 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.319	165.32 ng	1004670	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	47
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	35
3	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	35
4	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	27
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27





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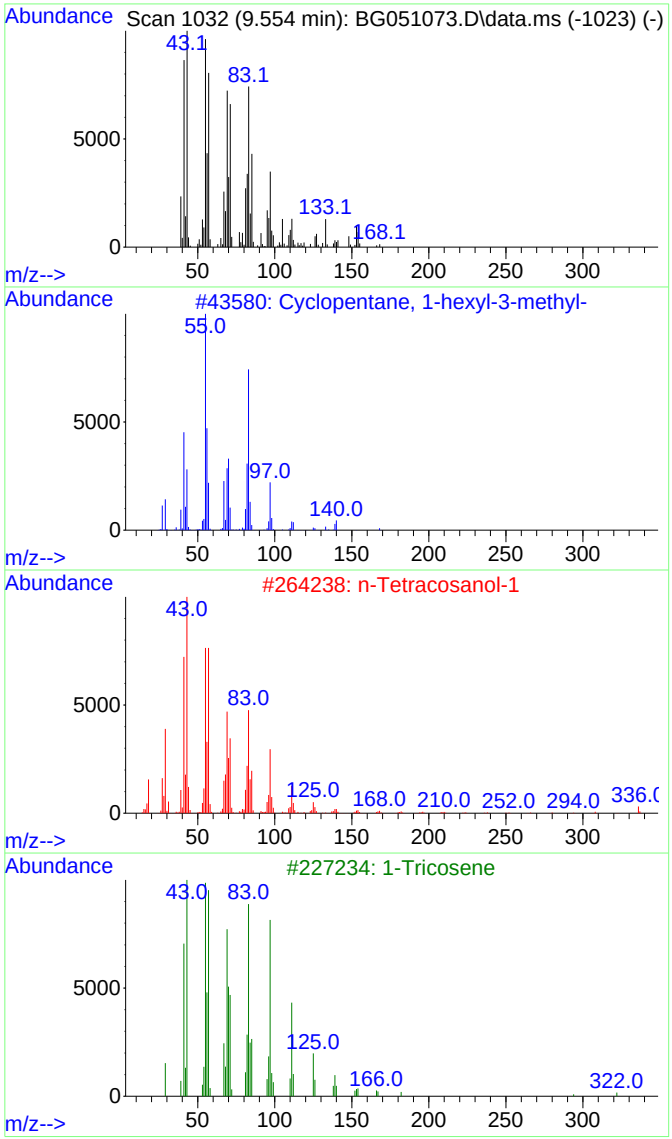
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

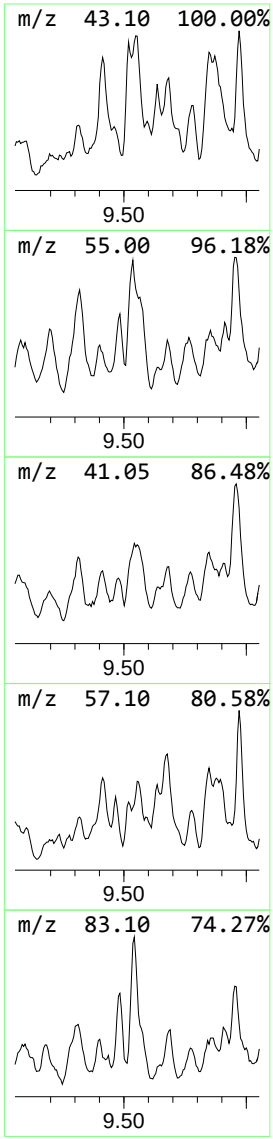
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentane, 1-hexyl-3-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.554	176.95 ng	1075310	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	55
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	46
3	1-Tricosene	322	C23H46	018835-32-0	46
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	43
5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	38





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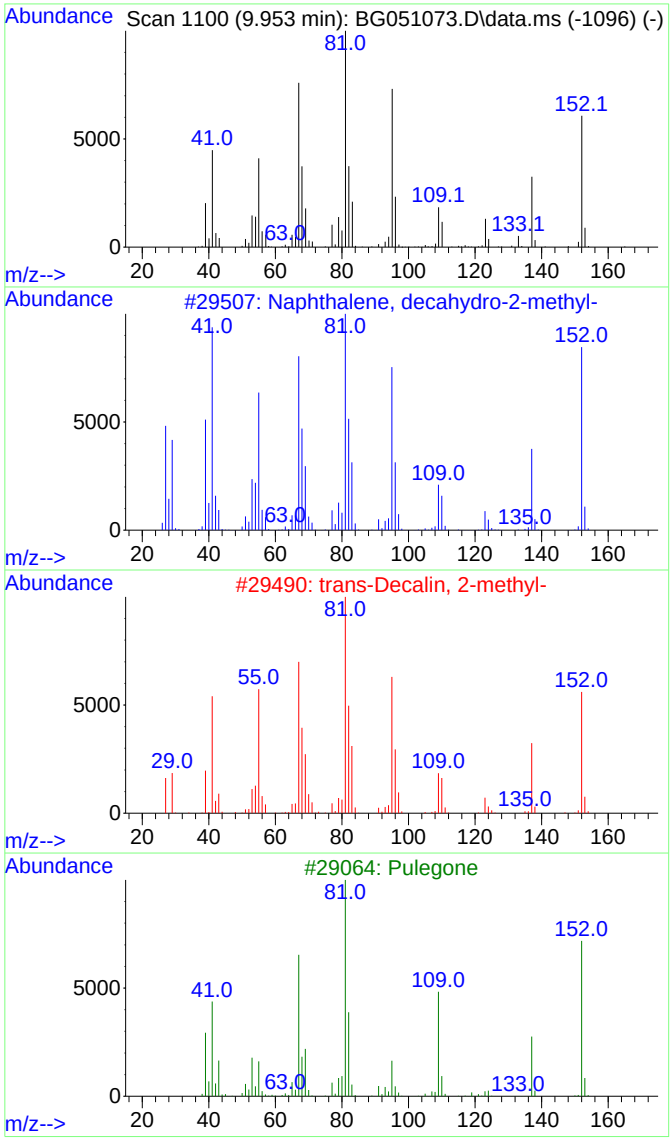
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

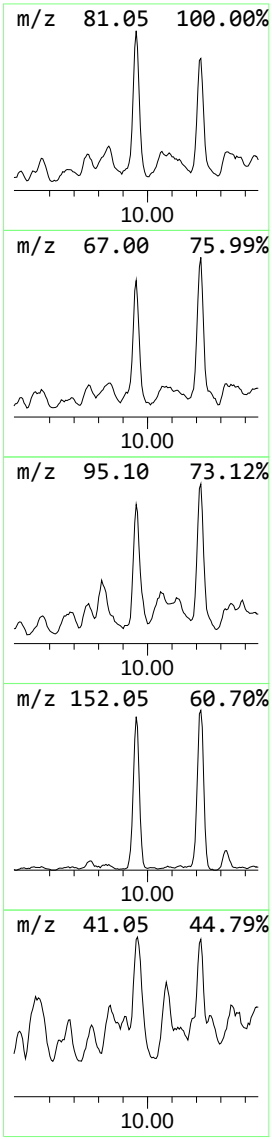
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	42.93 ng	1415910	Naphthalene-d8	11.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
3	Pulegone	152	C10H16O	000089-82-7	83
4	5-Hexadecyne	222	C16H30	071899-37-1	80
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64





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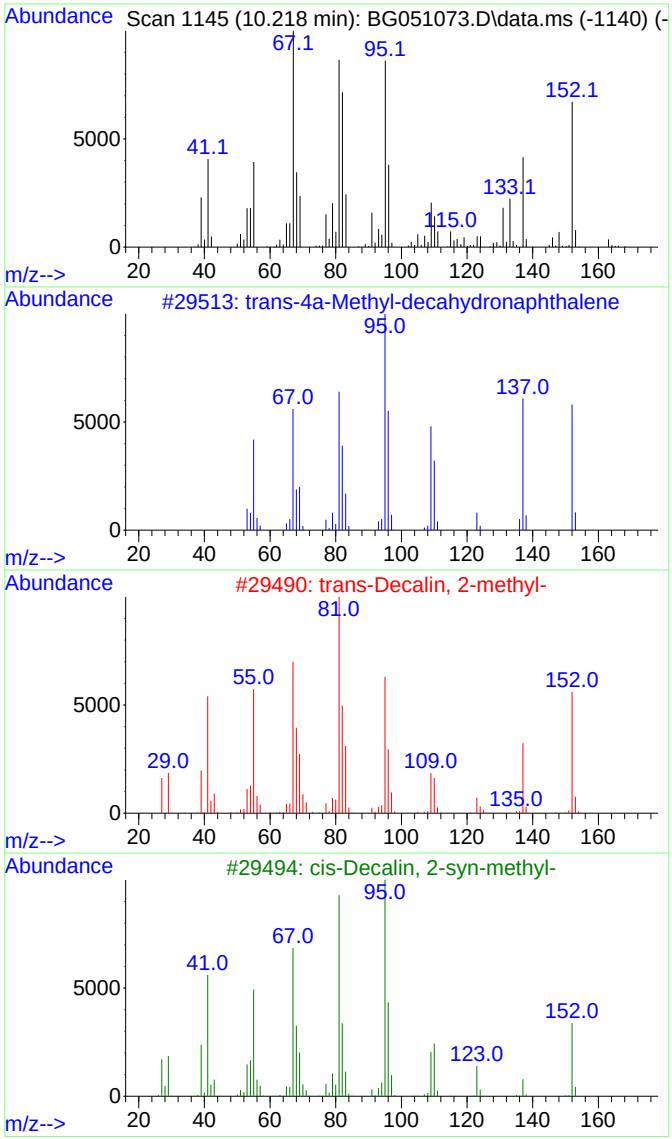
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

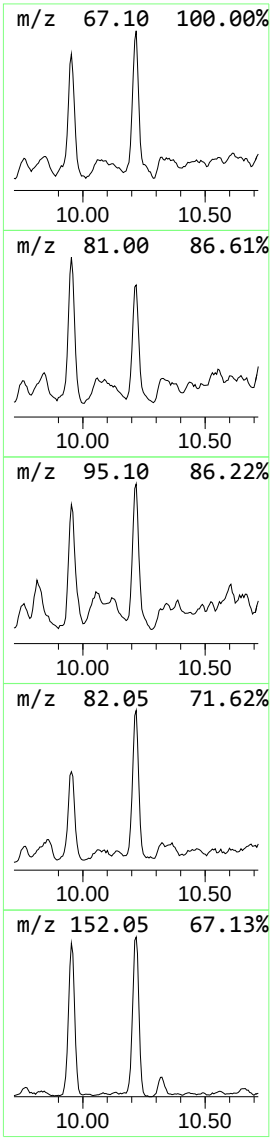
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 trans-4a-Methyl-decahydrona... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.218	49.53 ng	1633680	Naphthalene-d8	11.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	50





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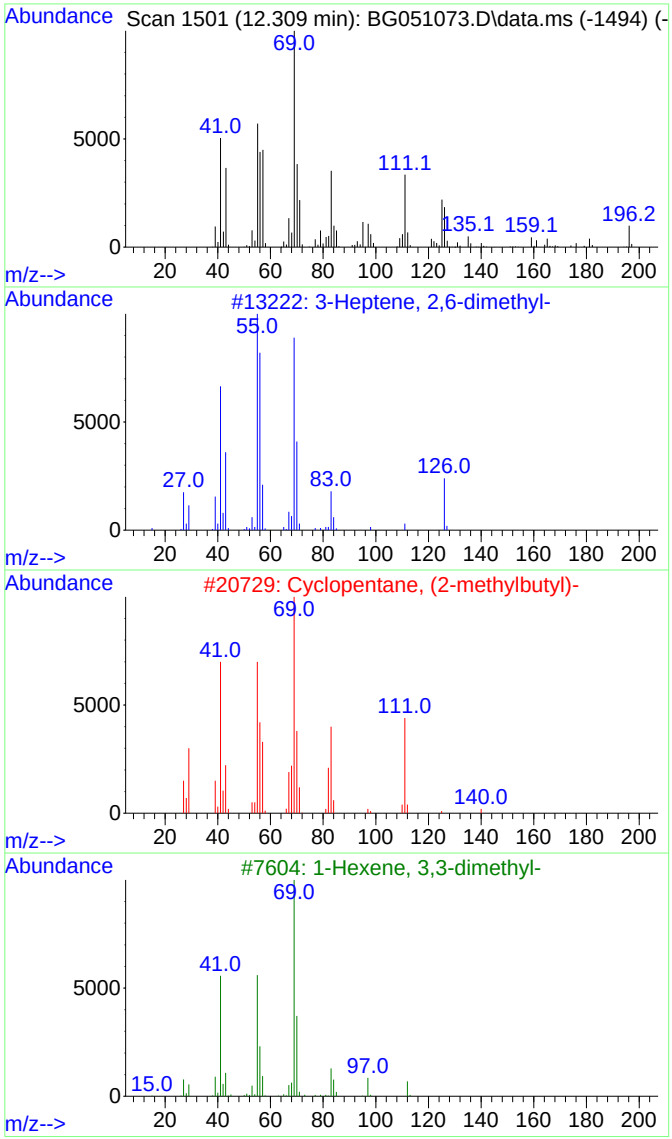
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

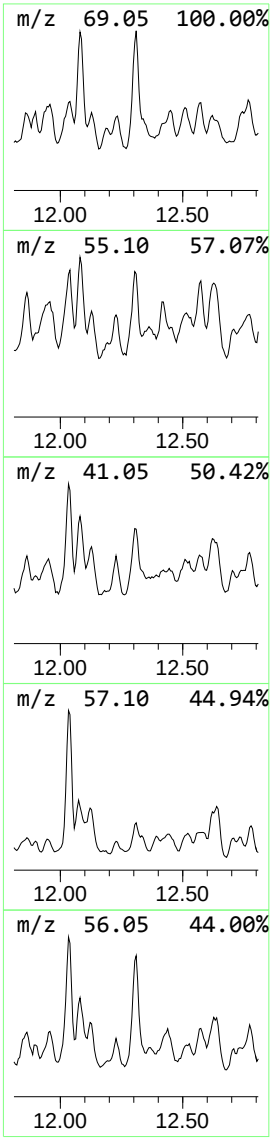
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3-Heptene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.309	43.87 ng	1447020	Naphthalene-d8	11.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	53
4	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	46
5	2-Nonene, (E)-	126	C9H18	006434-78-2	41





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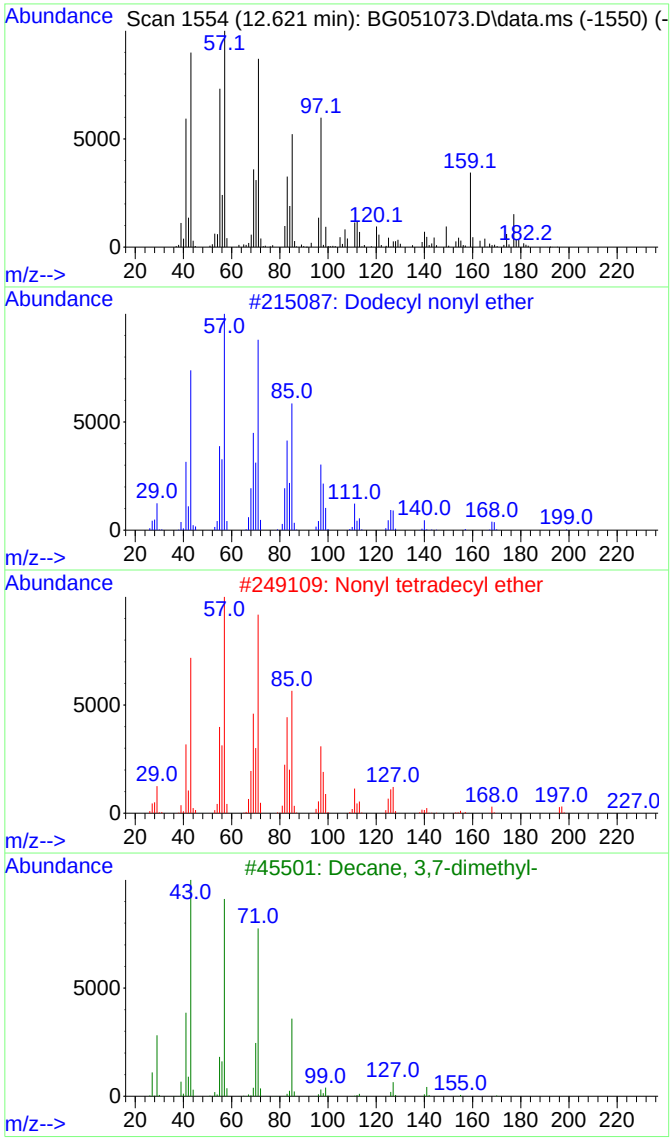
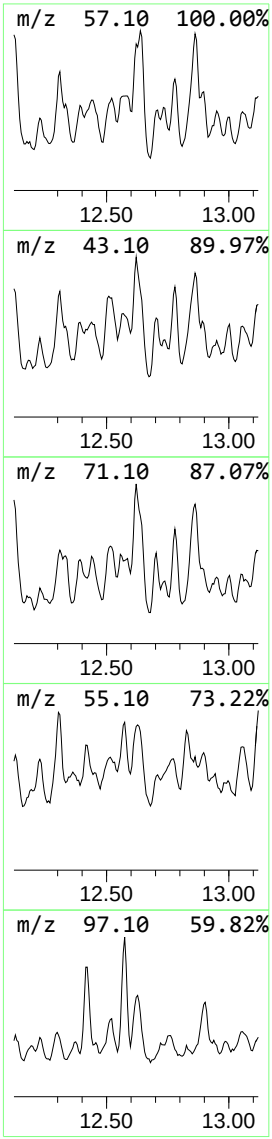
****
Peak Number 13 Dodecyl nonyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	45.70 ng	1507140	Naphthalene-d8	11.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	52
2	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	52
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	49
4	Undecane	156	C11H24	001120-21-4	49
5	Decyl octyl ether	270	C18H38O	1000406-38-3	46





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TIC Library : C:\Database\NIST20.L
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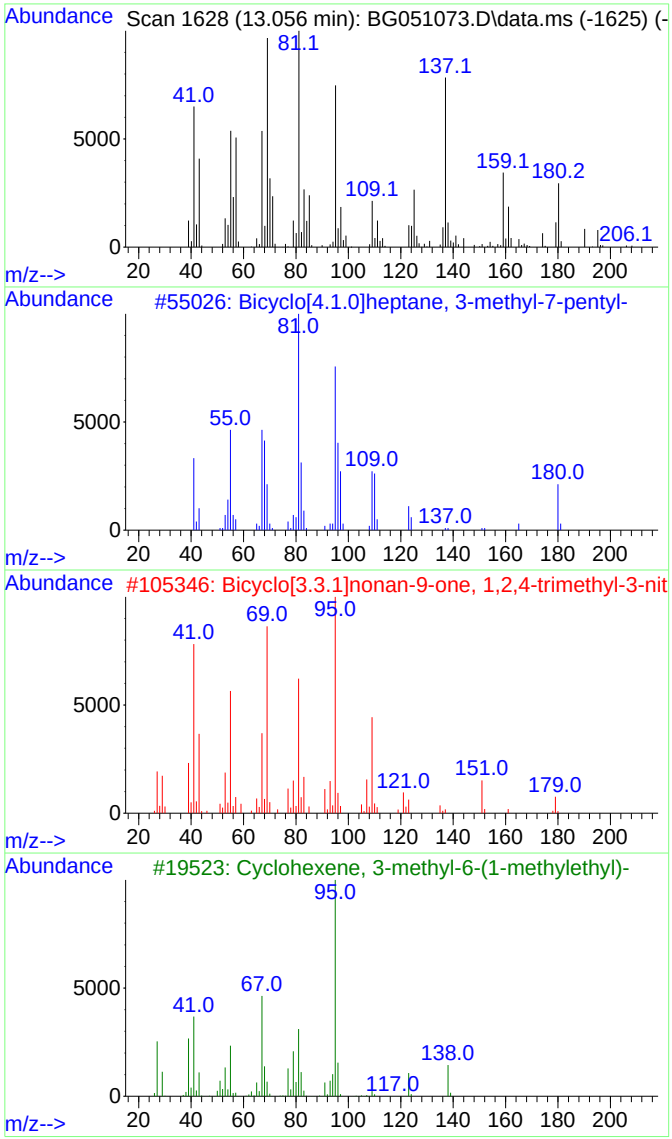
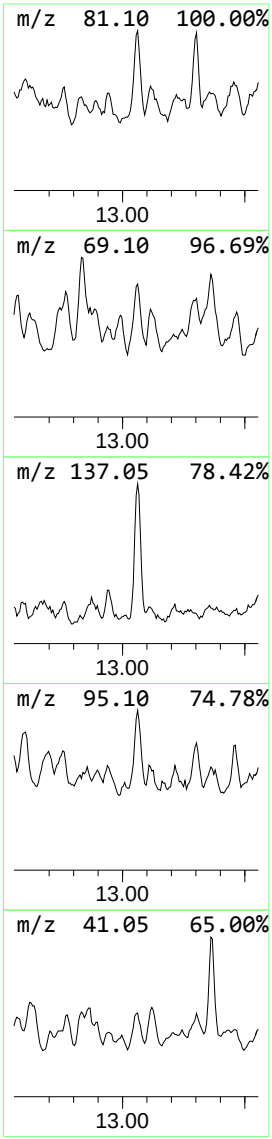
Peak Number 14 unknown13.056 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.056	69.35 ng	677719	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	43
2	Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	35
3	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	15
4	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	14
5	(2E,4E)-3,7-Dimethylocta-2,4-diene	138	C10H18	006874-39-1	14





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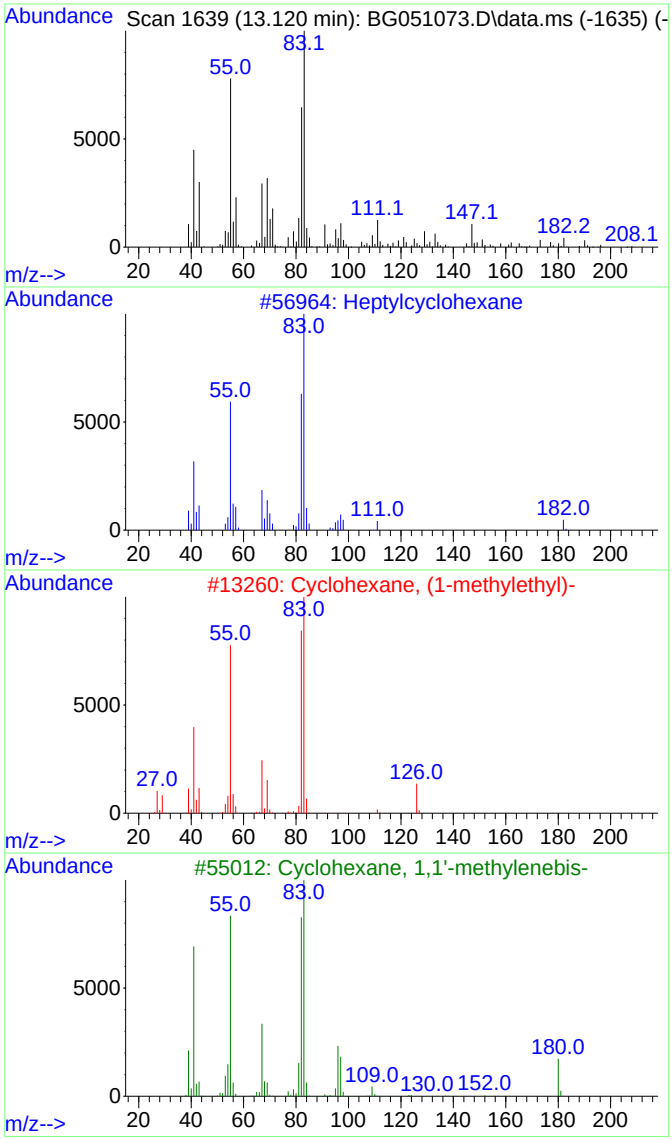
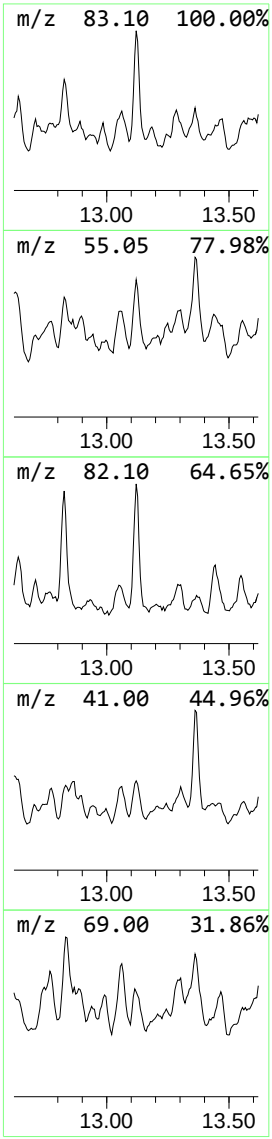
Peak Number 15 Heptylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.120	77.73 ng	759652	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
3	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	59





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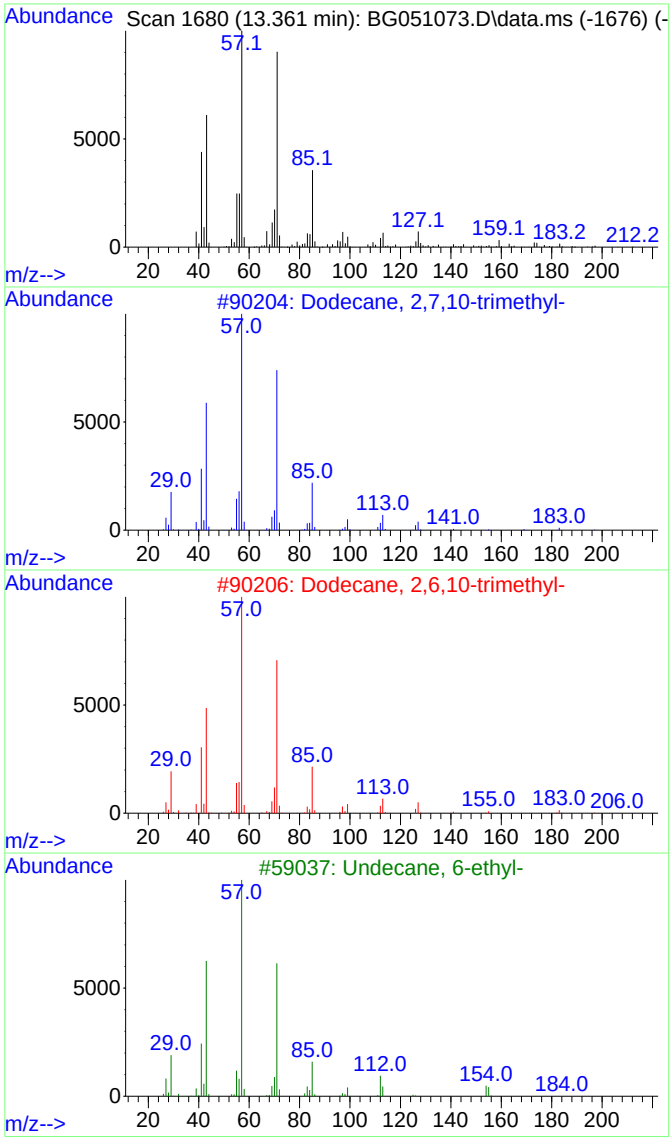
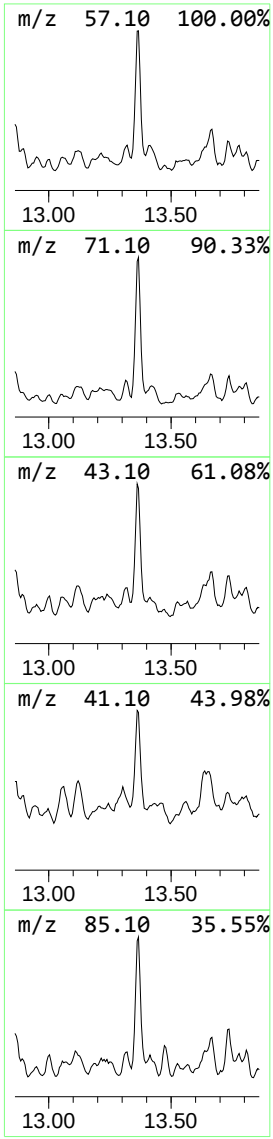
****
Peak Number 16 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.361	165.16 ng	1613980	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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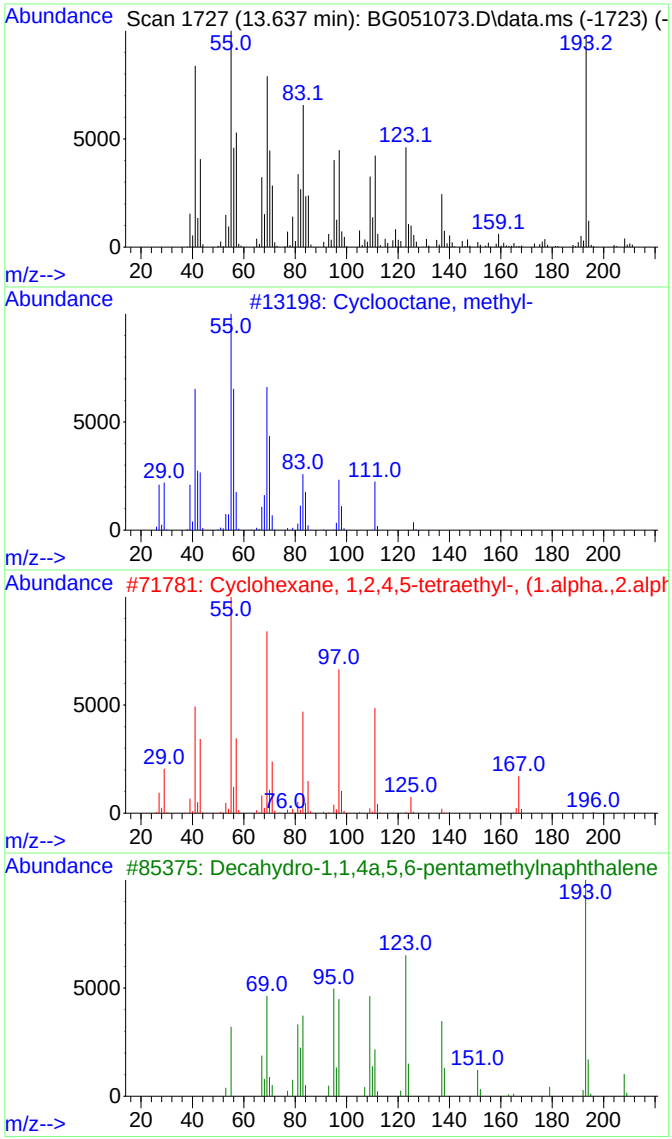
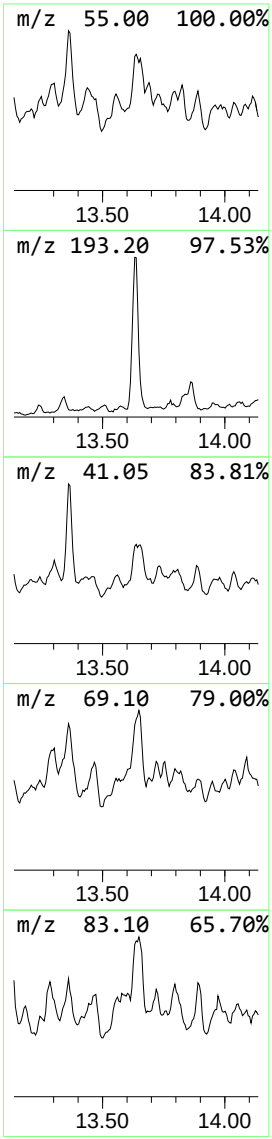
Peak Number 17 unknown13.637 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.637	113.71 ng	1111220	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	42
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	41
3	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
4	1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	25
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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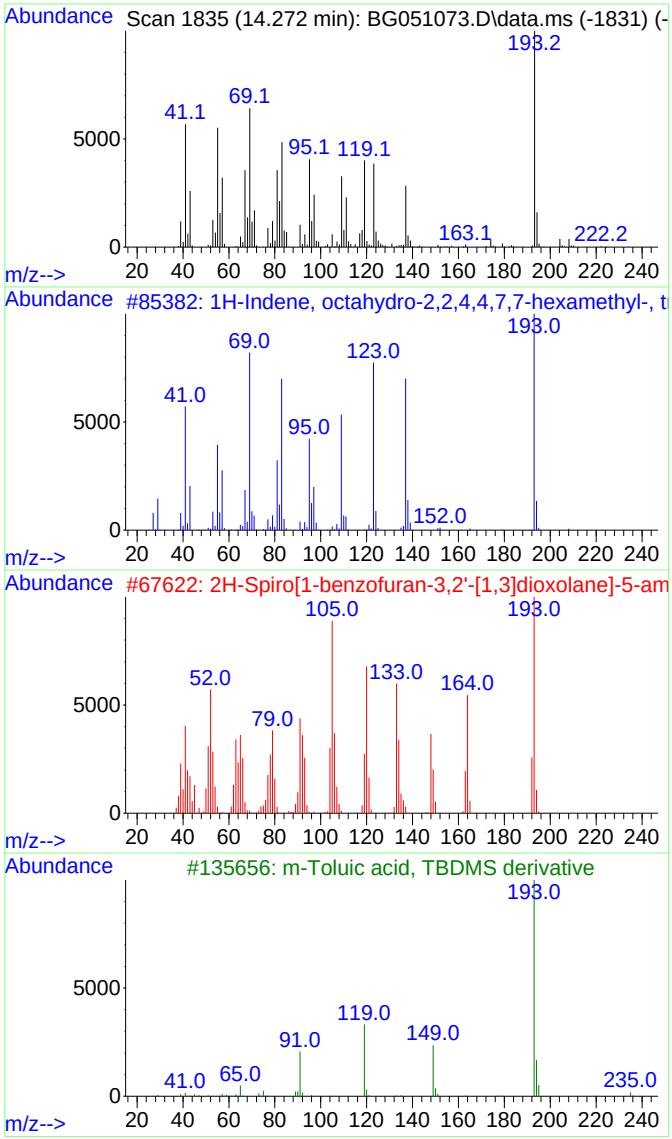
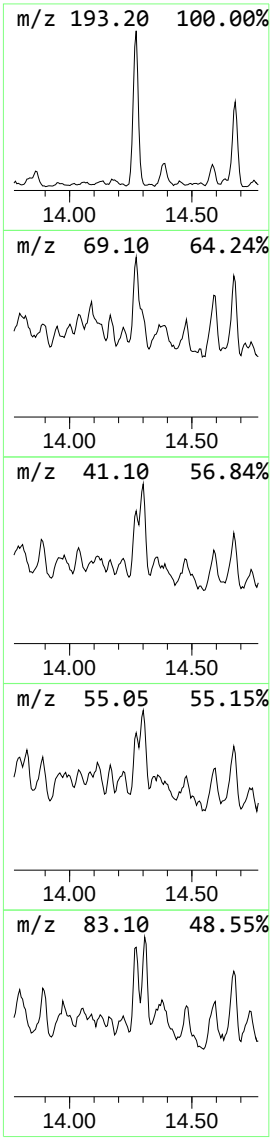
Peak Number 18 unknown14.272 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.272	96.41 ng	942151	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
2	2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	30
3	m-Toluic acid, TBDMS derivative	250	C14H22O2Si	959296-29-8	27
4	2-Anthracenamine	193	C14H11N	000613-13-8	14
5	Iminostilbene	193	C14H11N	000256-96-2	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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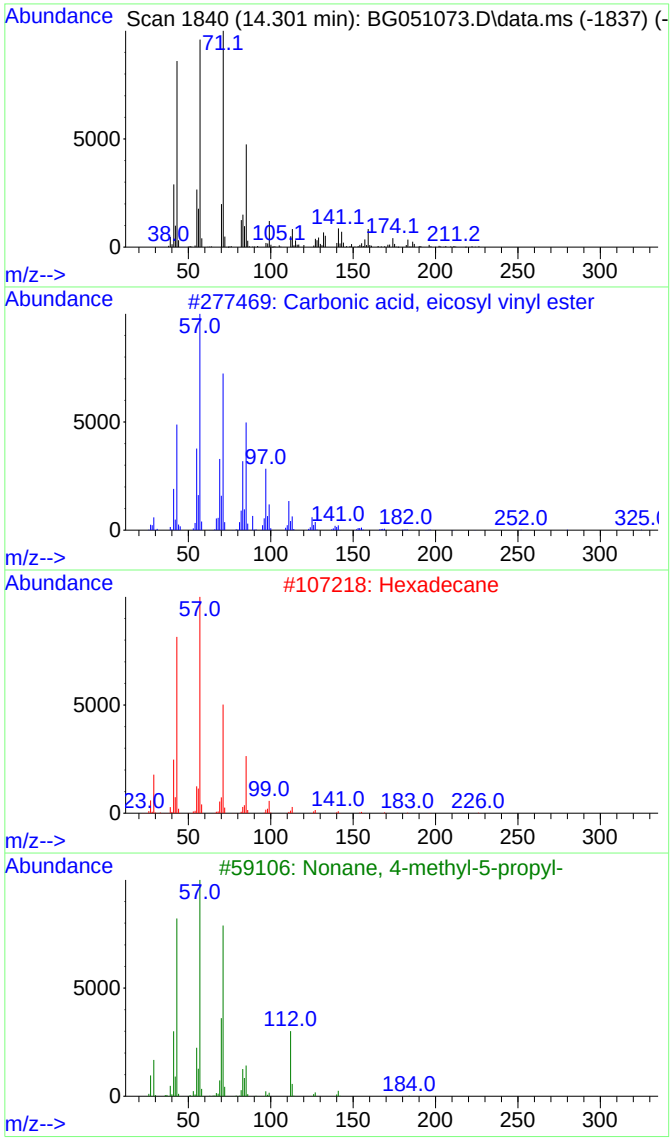
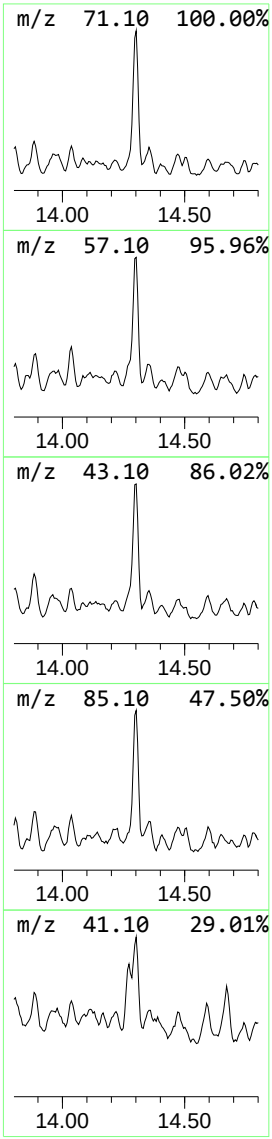
Peak Number 19 Carbonic acid, eicosyl viny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.301	115.17 ng	1125450	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Hexadecane	226	C16H34	000544-76-3	76
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	60
4	Sulfurous acid, pentadecyl penty...	362	C20H42O3S	1000309-14-8	59
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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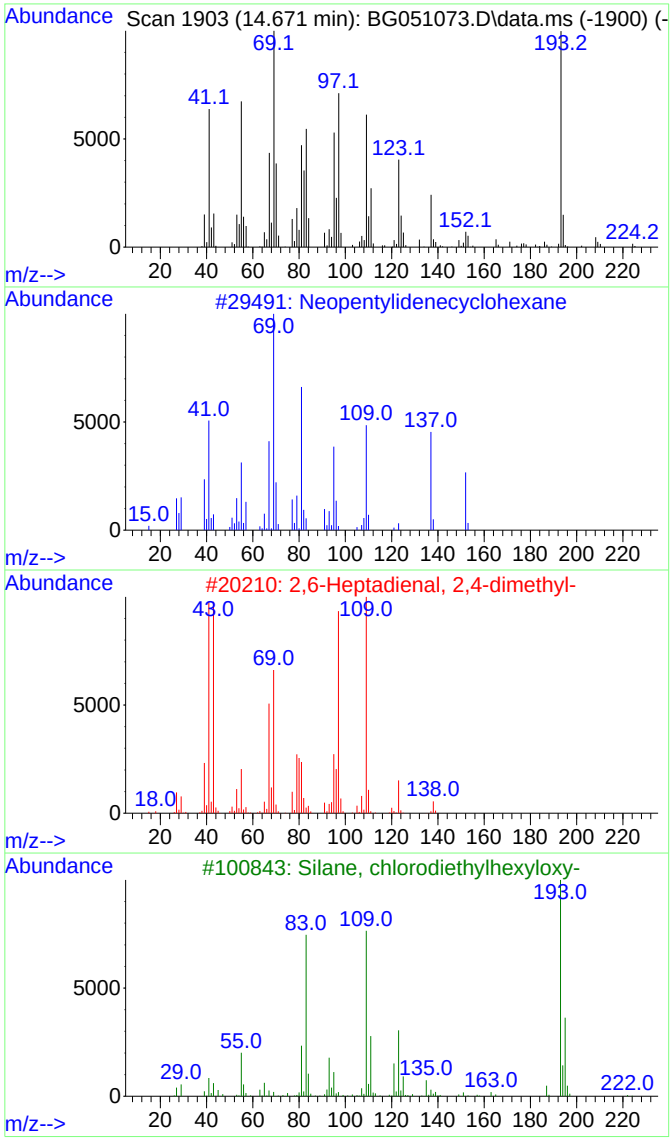
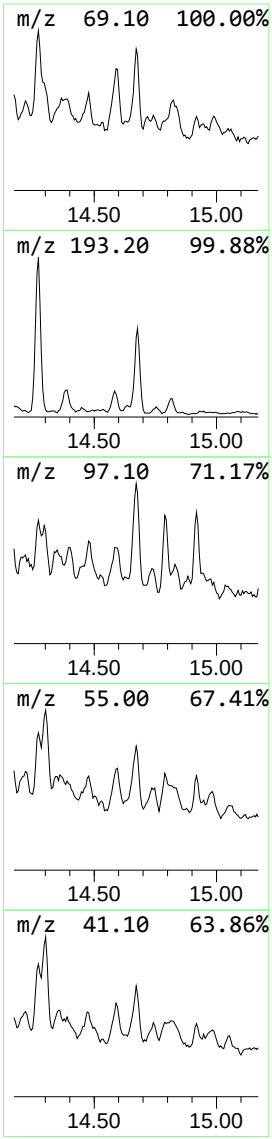
Peak Number 20 unknown14.671 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.671	81.56 ng	797075	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	41
2	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	35
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	35
4	Succinic acid, tridec-2-yn-1-yl ...	420	C26H44O4	1010391-10-5	30
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown8.138	8.138	68.8	ng	418082	1	8.226	121540	20.0
unknown8.385	8.385	80.5	ng	488886	1	8.226	121540	20.0
Decane, 2,9-dim...	8.449	49.2	ng	298926	1	8.226	121540	20.0
unknown8.767	8.767	70.6	ng	429192	1	8.226	121540	20.0
unknown8.990	8.990	52.1	ng	316920	1	8.226	121540	20.0
9-Borabicyclo[3...	9.066	152.2	ng	924715	1	8.226	121540	20.0
unknown9.201	9.201	80.2	ng	487188	1	8.226	121540	20.0
unknown9.319	9.319	165.3	ng	1004670	1	8.226	121540	20.0
Cyclopentane, 1...	9.554	176.9	ng	1075310	1	8.226	121540	20.0
Naphthalene, de...	9.953	42.9	ng	1415910	2	11.052	659622	20.0
trans-4a-Methyl...	10.218	49.5	ng	1633680	2	11.052	659622	20.0
3-Heptene, 2,6-...	12.309	43.9	ng	1447020	2	11.052	659622	20.0
Dodecyl nonyl e...	12.621	45.7	ng	1507140	2	11.052	659622	20.0
unknown13.056	13.056	69.3	ng	677719	3	14.854	195449	20.0
Heptylcyclohexane	13.120	77.7	ng	759652	3	14.854	195449	20.0
Dodecane, 2,7,1...	13.361	165.2	ng	1613980	3	14.854	195449	20.0
unknown13.637	13.637	113.7	ng	1111220	3	14.854	195449	20.0
unknown14.272	14.272	96.4	ng	942151	3	14.854	195449	20.0
Carbonic acid, ...	14.301	115.2	ng	1125450	3	14.854	195449	20.0
unknown14.671	14.671	81.6	ng	797075	3	14.854	195449	20.0