LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-14B-11-2

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054196.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.759	49	63	74	rBV	89207	240182	4.68%	0.315%
2	4.429	169	177	189	rBV2	115781	336780	6.57%	0.442%
3	4.564	189	200	209	rVB3	76569	212076	4.14%	0.278%
4	4.716	221	226	234	rVV3	74080	158132	3.08%	0.207%
5	4.998	265	274	280	rBV	137175	281024	5.48%	0.369%
6	5.210	305	310	314	rVV	144719	243038	4.74%	0.319%
7	5.263	314	319	326	rVV2	205154	387963	7.56%	0.509%
8	5.504	355	360	369	rVB2	148493	331806	6.47%	0.435%
9	5.639	375	383	390	rBV2	233415	461225	8.99%	0.605%
10	5.756	398	403	414	rVB4	56950	166341	3.24%	0.218%
11	5.874	414	423	428	rBV3	87352	191440	3.73%	0.251%
12	5.944	428	435	443	rBV2	140534	362448	7.07%	0.475%
13	6.027	443	449	455	rVV	197746	401951	7.84%	0.527%
14	6.091	455	460	467	rVB2	120565	247266	4.82%	0.324%
15	6.344	495	503	510	rBV5	258250	672000	13.10%	0.881%
16	6.456	516	522	532	rVB2	130266	329085	6.42%	0.432%
17	6.573	532	542	547	rBV4	201523	662482	12.92%	0.869%
18	6.626	547	551	556	rVV	421658	705415	13.76%	0.925%
19	6.708	556	565	577	rVB4	403745	1347807	26.28%	1.768%
20	6.832	582	586	590	rVV2	95308	172344	3.36%	0.226%
21	6.890	591	596	601	rVV5	104594	204673	3.99%	0.268%
22	6.967	601	609	615	rVV3	173550	450725	8.79%	0.591%
23	7.061	615	625	632	rVB3	224892	488602	9.53%	0.641%
24	7.167	638	643	646	rBV4	120498	201803	3.94%	0.265%
25	7.225	646	653	667	rVB3	465390	1176891	22.95%	1.544%
26	7.402	678	683	688	rVB4	99582	190655	3.72%	0.250%
27	7.460	688	693	697	rBV3	113573	210689	4.11%	0.276%
28	7.531	702	705	706	rVV	152585	195177	3.81%	0.256%
29	7.566	707	711	719	rVV3	263988	685836	13.37%	0.900%
30	7.637	719	723	735	rVB5	191147	546736	10.66%	0.717%
31	7.760	735	744	746	rBV3	95776	227578	4.44%	0.299%
32	7.795	746	750	755	rVB3	114312	213134	4.16%	0.280%
33	7.895	762	767	775	rBV4	73941	170518	3.32%	0.224%
34	7.995	776	784	788	rVV7	139439	423432	8.26%	0.555%
35	8.054	789	794	802	rVB	708738	1331212	25.96%	1.746%
36	8.142	803	809	815	rVB2	180519	385381	7.51%	0.505%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-14B-11-2

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.212	815	821	825	rBV7	83448	218255	4.26%	0.286%
38	8.265	825	830	834	rVV4	238451	379770	7.41%	0.498%
39	8.336	835	842	843	rVV2	175901	284241	5.54%	0.373%
40	8.365	843	847	854	rVV2	374625	757005	14.76%	0.993%
41	8.430	854	858	865	rVB3	147048	341545	6.66%	0.448%
42	8.530	866	875	878	rBV6	118138	346790	6.76%	0.455%
43	8.641	891	894	902	rVB3	222996	445836	8.69%	0.585%
44	8.765	911	915	922	rVB4	98115	184910	3.61%	0.243%
45	8.865	926	932	936	rBV7	97983	240651	4.69%	0.316%
46	8.917	936	941	945	rBV2	244568	468006	9.13%	0.614%
47	9.188	976	987	992	rBV3	707183	1842057	35.92%	2.416%
48	9.282	998	1003	1010	rVB5	315747	719110	14.02%	0.943%
49	9.346	1011	1014	1018	rVB2	114388	169337	3.30%	0.222%
50	9.440	1018	1030	1037	rBV10	315089	1171467	22.84%	1.537%
51	9.558	1038	1050	1056	rBV5	215550	684038	13.34%	0.897%
52	9.664	1058	1068	1072	rBV8	160776	464364	9.05%	0.609%
53	9.722	1072	1078	1084	rVB2	314328	637016	12.42%	0.836%
54	9.810	1089	1093	1098	rVB3	286659	447221	8.72%	0.587%
55	9.963	1112	1119	1123	rBV4	222392	491502	9.58%	0.645%
56	10.010	1123	1127	1132	rVV2	413357	755474	14.73%	0.991%
57	10.069	1132	1137	1144	rVV5	560468	1146130	22.35%	1.503%
58	10.134	1144	1148	1157	rVB5	241078	629902	12.28%	0.826%
59	10.292	1169	1175	1180	rBV2	382964	747204	14.57%	0.980%
60	10.469	1201	1205	1219	rVB8	204597	598158	11.66%	0.785%
61	10.586	1220	1225	1234	rBV3	232173	704422	13.74%	0.924%
62	10.751	1249	1253	1255	rBV4	181969	276177	5.39%	0.362%
63	10.868	1267	1273	1279	rBV7	308422	777578	15.16%	1.020%
64	11.003	1293	1296	1299	rBV2	170535	277536	5.41%	0.364%
65	11.050	1300	1304	1309	rVB	862852	1413945	27.57%	1.855%
66	11.109	1309	1314	1321	rBV4	258508	476909	9.30%	0.626%
67	11.262	1336	1340	1344	rBV6	140358	292490	5.70%	0.384%
68	11.391	1357	1362	1367	rVB4	296492	559087	10.90%	0.733%
69	11.555	1386	1390	1391	rBV2	186967	236170	4.61%	0.310%
70	11.591	1393	1396	1404	rVB6	569510	1150336	22.43%	1.509%
71	11.667	1405	1409	1414	rBV3	149894	258219	5.04%	0.339%
72	11.726	1415	1419	1424	rBV6	166288	278557	5.43%	0.365%
73	11.920	1446	1452	1456	rBV	1376318	2402752	46.85%	3.152%
74	12.084	1476	1480	1486	rVB4	247173	490396	9.56%	0.643%
75	12.178	1493	1496	1500	rVB3	221845	285818	5.57%	0.375%
76	12.519	1549	1554	1562	rVB5	530980	1304909	25.44%	1.712%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.631	1568	1573	1578	rBV5	184163	463854	9.04%	0.608%
78	13.259	1674	1680	1685	rVB	1564367	2652502	51.72%	3.479%
79	13.330	1689	1692	1697	rVB2	398372	573390	11.18%	0.752%
80	13.518	1719	1724	1728	rBV6	343803	777556	15.16%	1.020%
81	13.741	1760	1762	1765	rBV	199362	241117	4.70%	0.316%
82	13.894	1781	1788	1797	rVB2	722376	2049535	39.96%	2.688%
83	14.041	1808	1813	1818	rVB	936343	1713226	33.41%	2.247%
84	14.094	1818	1822	1827	rVB	929482	1477945	28.82%	1.939%
85	14.147	1827	1831	1835	rBV	544939	886096	17.28%	1.162%
86	14.199	1835	1840	1844	rVB2	2090419	3162002	61.66%	4.147%
87	14.552	1896	1900	1905	rVB	613049	930017	18.13%	1.220%
88	14.681	1918	1922	1926	rBV3	553343	1105810	21.56%	1.450%
89	14.934	1959	1965	1971	rVB2	581201	1508049	29.41%	1.978%
90	15.110	1991	1995	2001	rVB	930982	1469123	28.65%	1.927%
91	15.192	2005	2009	2012	rVV	664188	964175	18.80%	1.265%
92	15.234	2012	2016	2027	rVB6	630211	1419689	27.68%	1.862%
93	15.333	2028	2033	2038	rBV	705953	1315557	25.65%	1.726%
94	15.380	2038	2041	2046	rVB	471001	672661	13.12%	0.882%
95	15.751	2101	2104	2108	rBV2	354141	482038	9.40%	0.632%
96	15.962	2136	2140	2146	rVB	1709857	2726444	53.16%	3.576%
97	16.450	2216	2223	2228	rBV	2907367	5128395	100.00%	6.727%
98	17.266	2357	2362	2372	rVB	1435859	2572088	50.15%	3.374%
99	17.866	2461	2464	2469	rVB2	486974	691076	13.48%	0.906%
100	20.069	2836	2839	2843	rVB	716099	888509	17.33%	1.165%

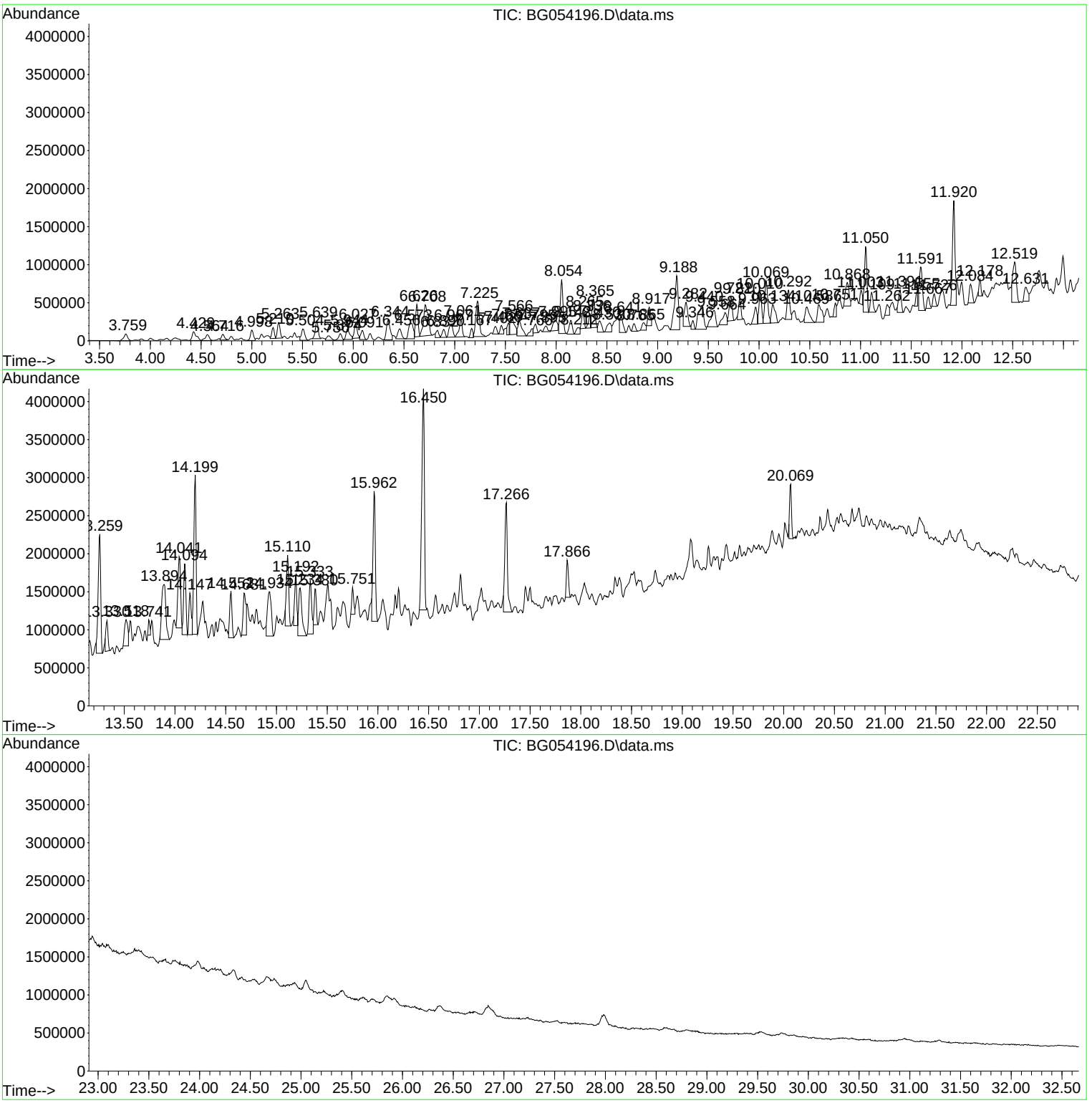
Sum of corrected areas: 76239991

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

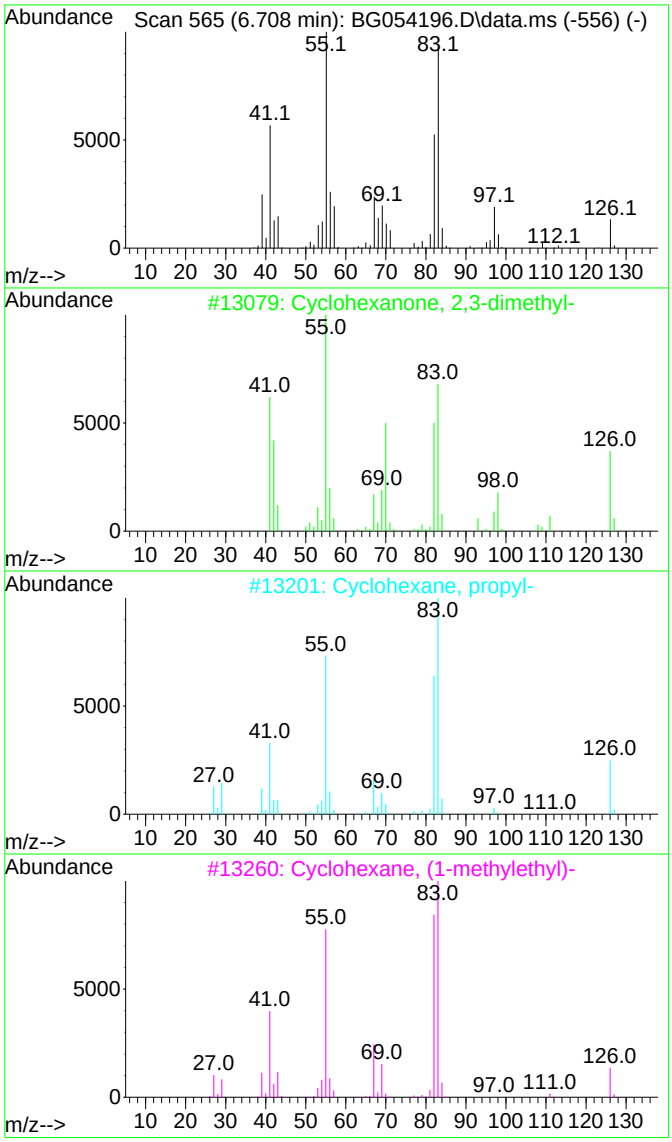
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

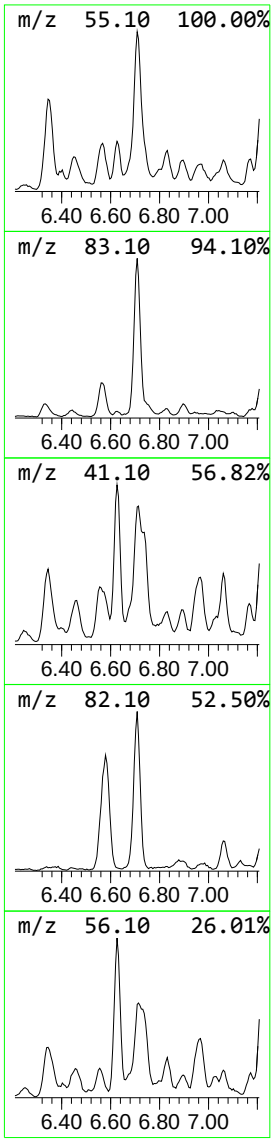
****

Peak Number 1 Cyclohexanone, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.708	20.25 ng	1347810	1,4-Dichlorobenzene-d4	8.071

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	80
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	58
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

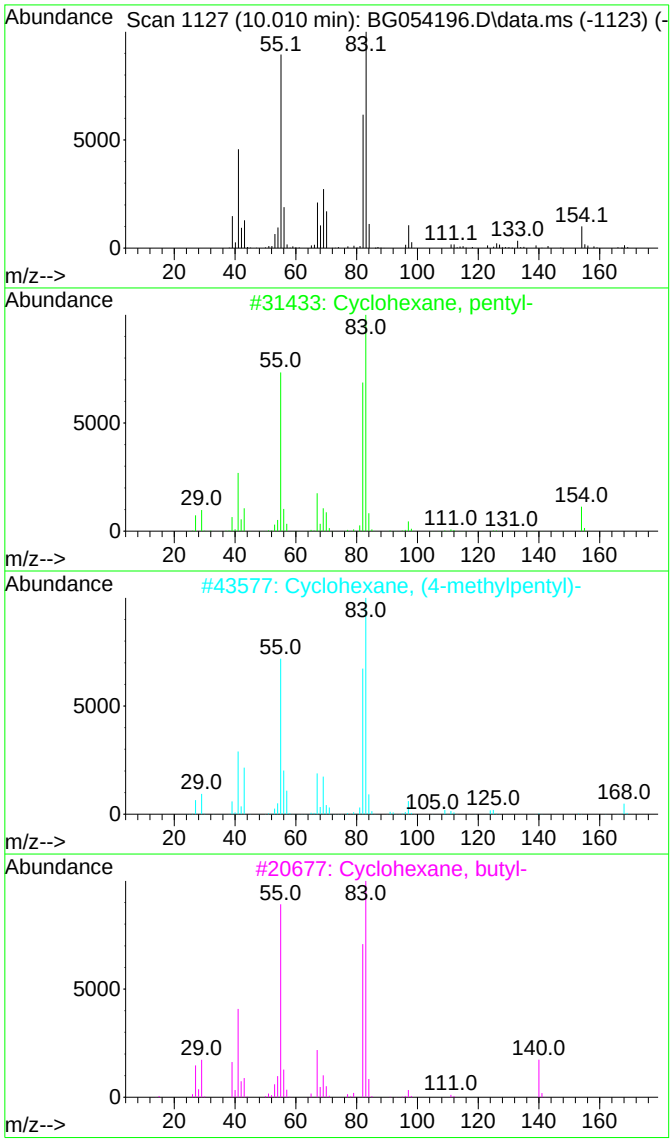
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

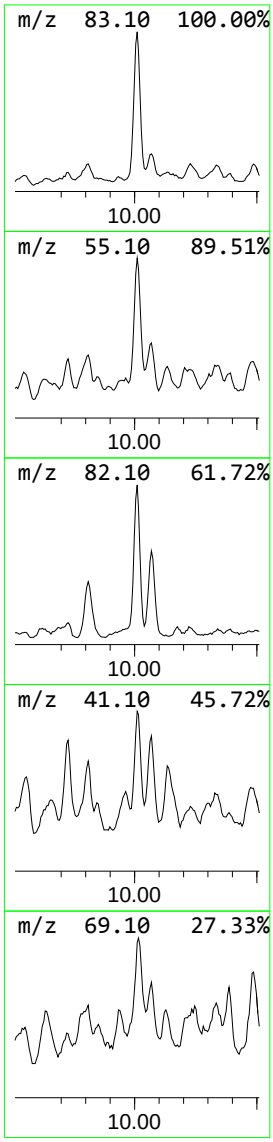
****

Peak Number 2 Cyclohexane, pentyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.010	19.43 ng	755474	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

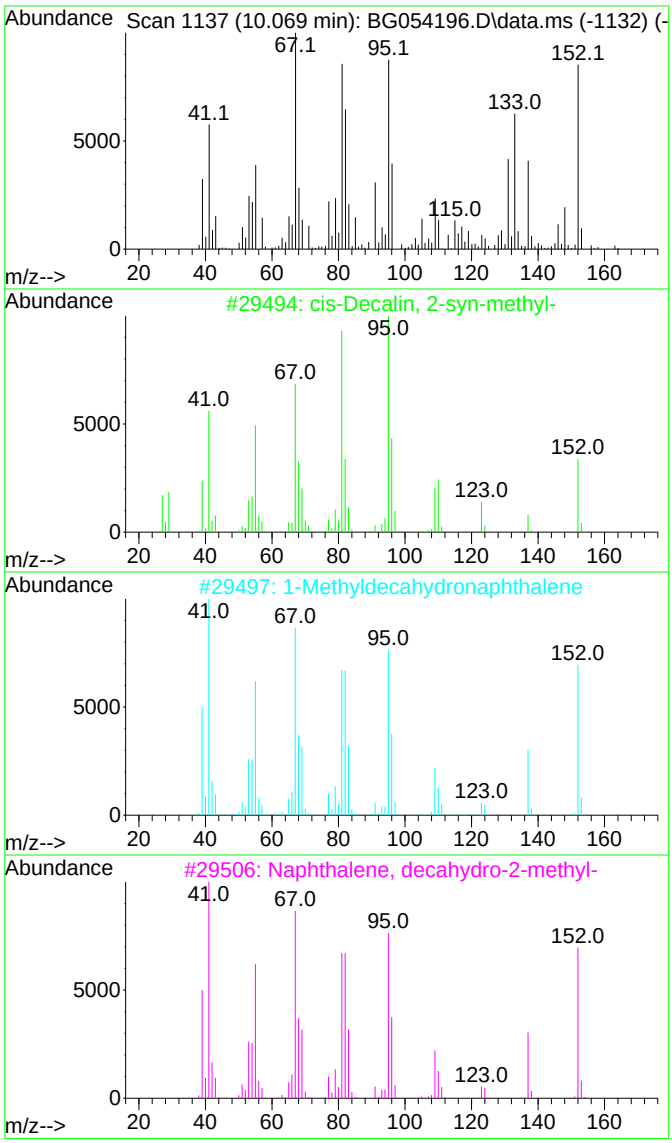
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

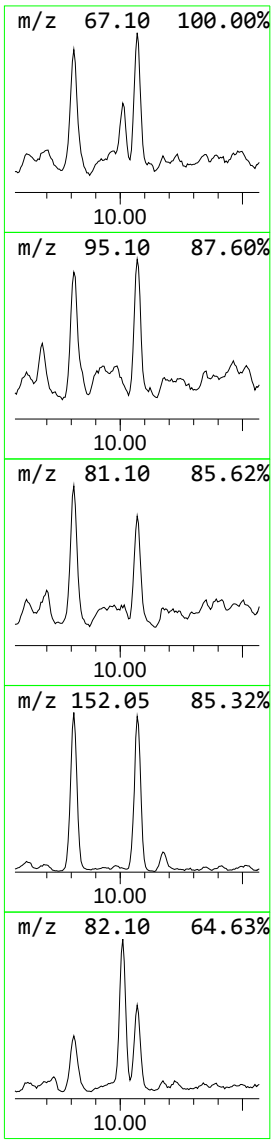
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 cis-Decalin, 2-syn-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	29.48 ng	1146130	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

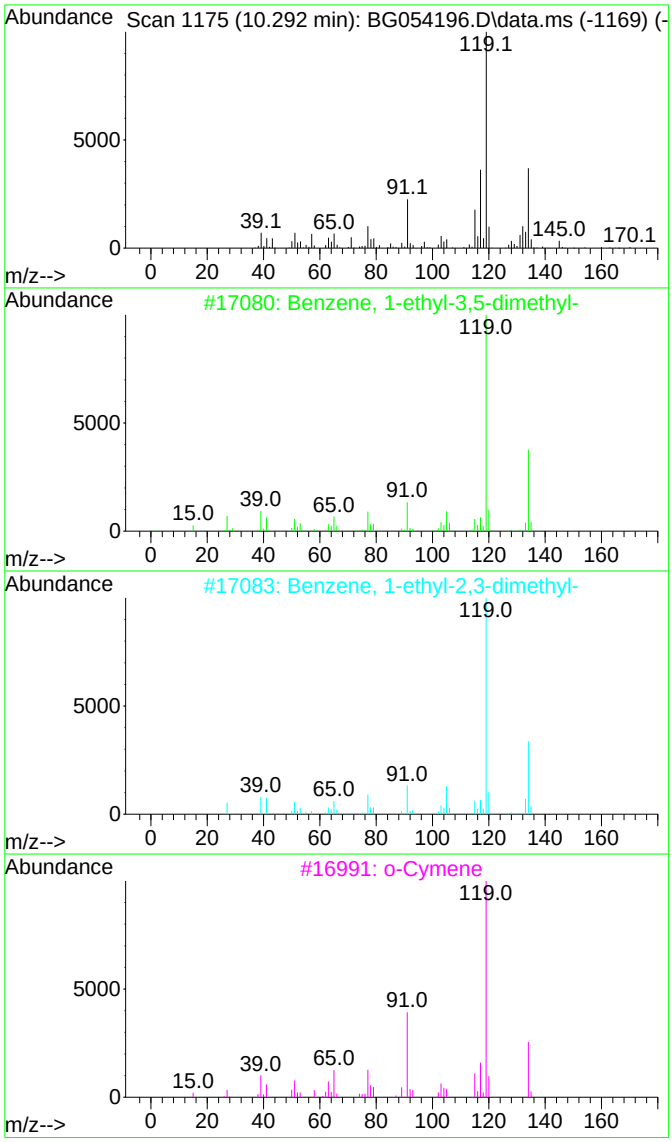
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

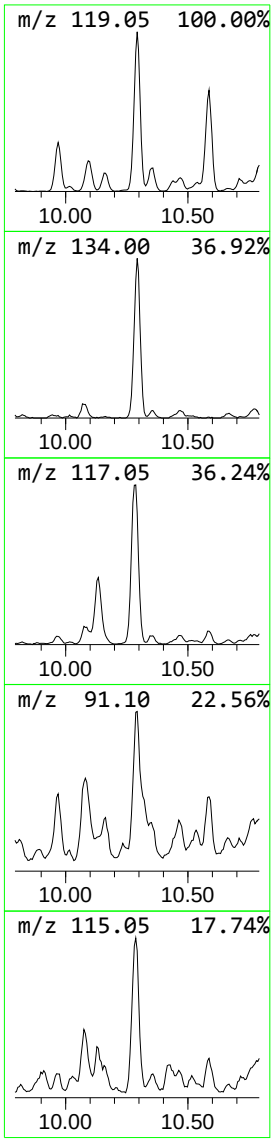
****

Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	19.22 ng	747204	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3	o-Cymene	134	C10H14	000527-84-4	76
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

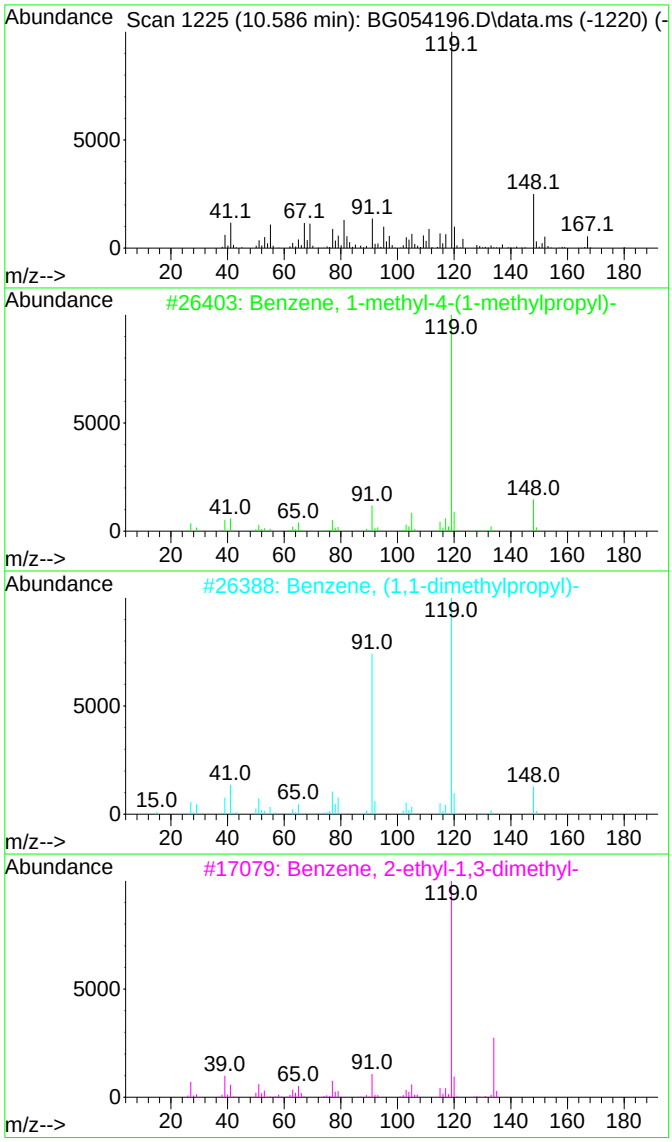
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

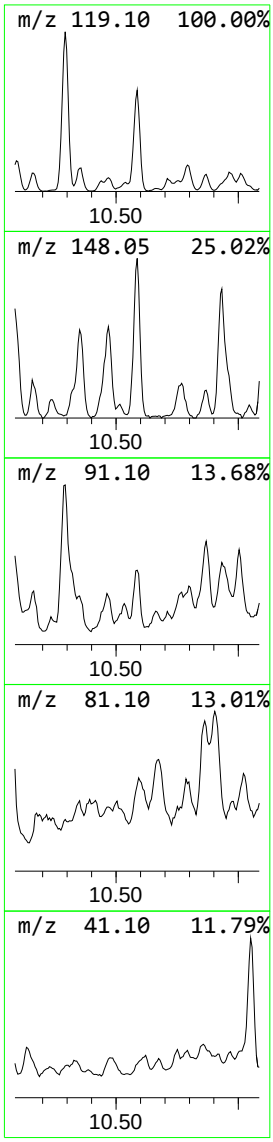
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	18.12 ng	704422	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	52





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Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
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Instrument :
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ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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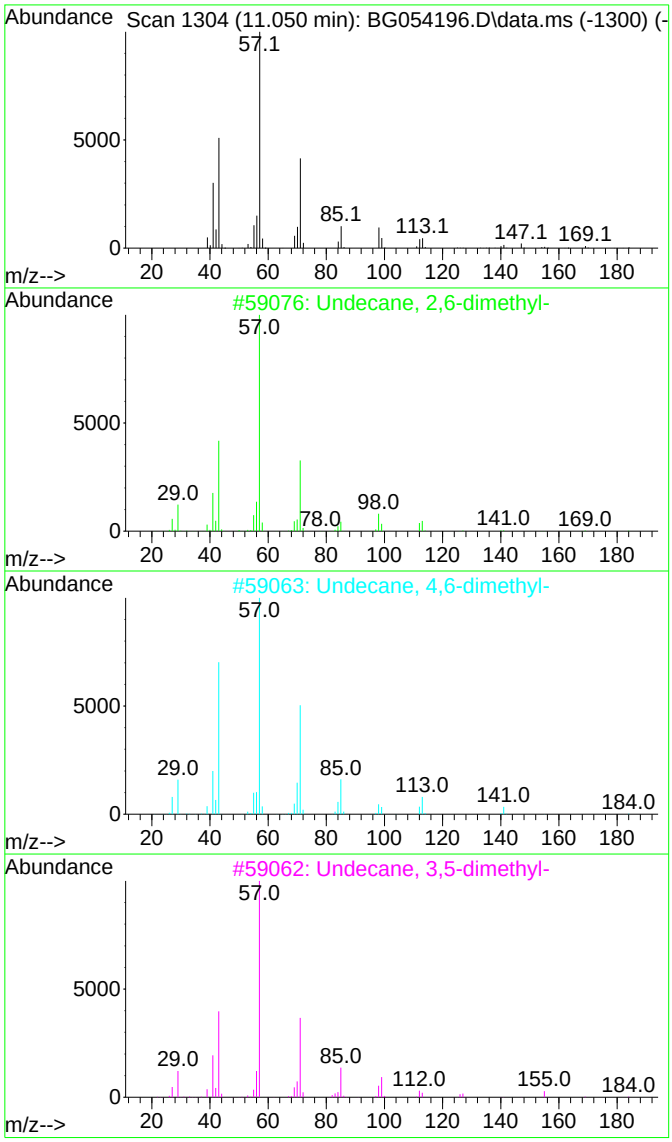
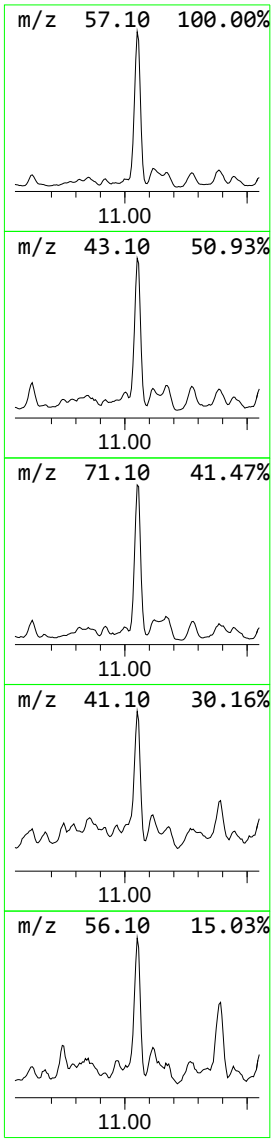
Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.050	36.37 ng	1413950	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	86
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Misc :
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ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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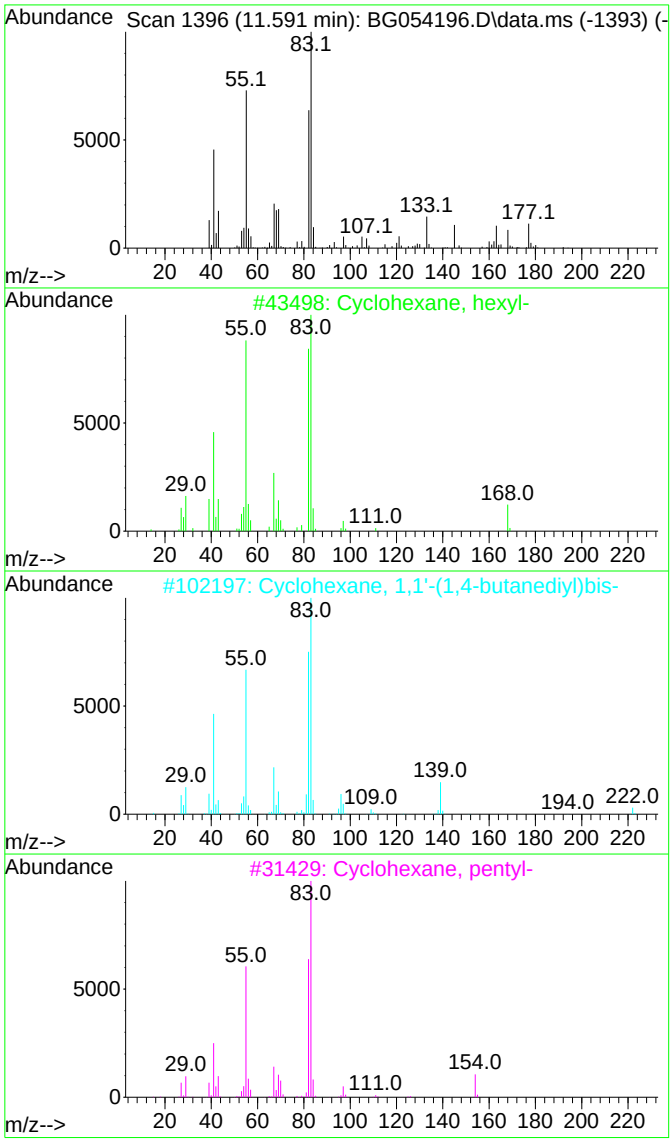
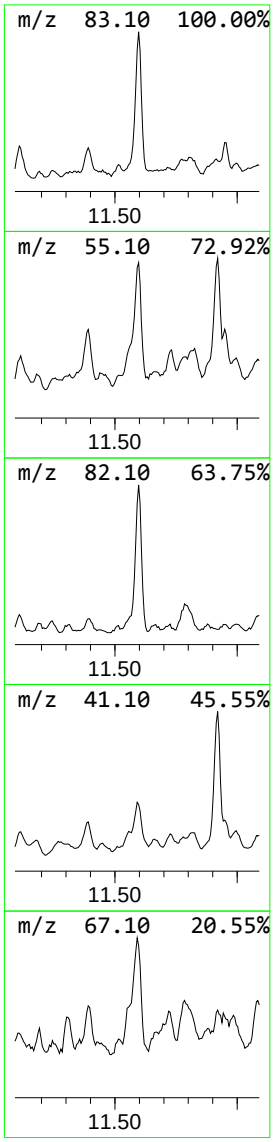
Peak Number 7 Cyclohexane, hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.591	29.59 ng	1150340	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	76
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	59
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





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ClientSampleId :
WC-14B-11-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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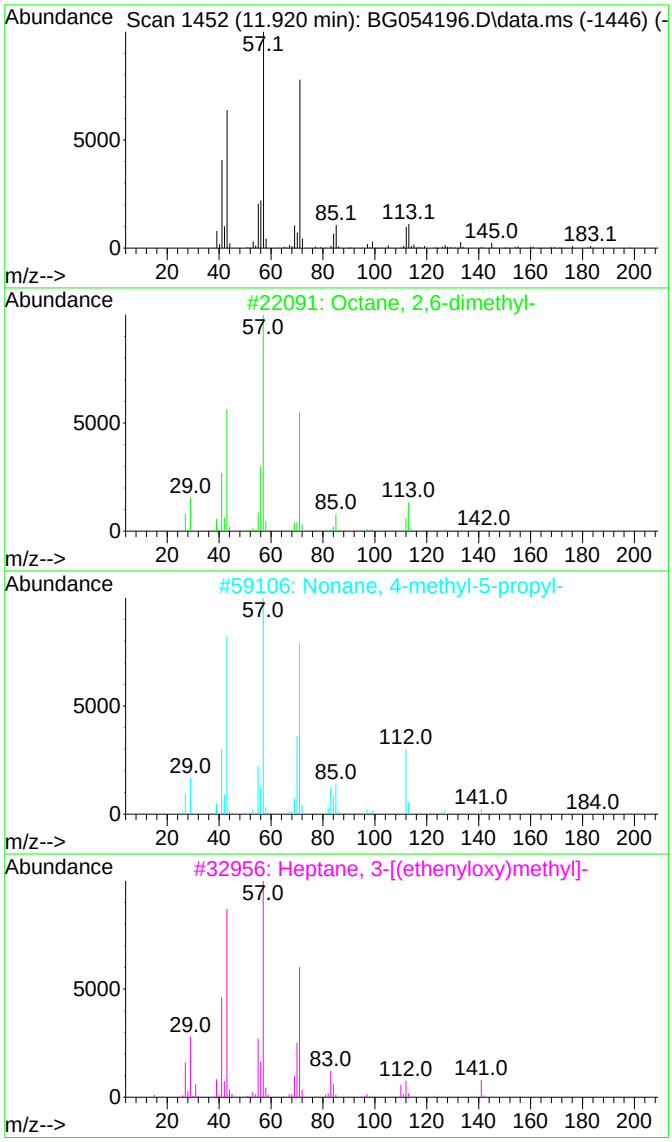
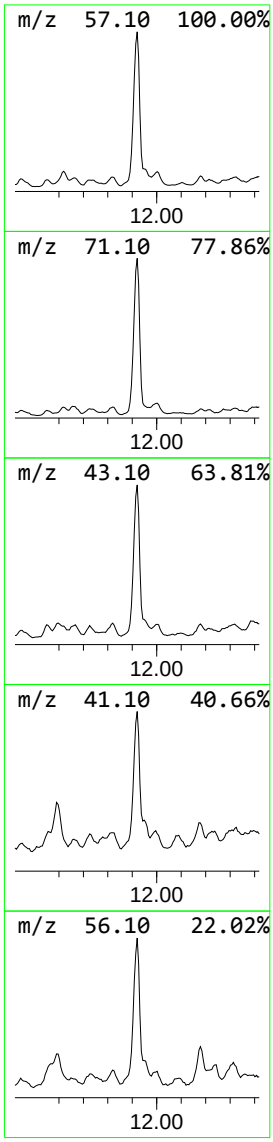
Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.920	61.80 ng	2402750	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72
3	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64





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Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 1

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BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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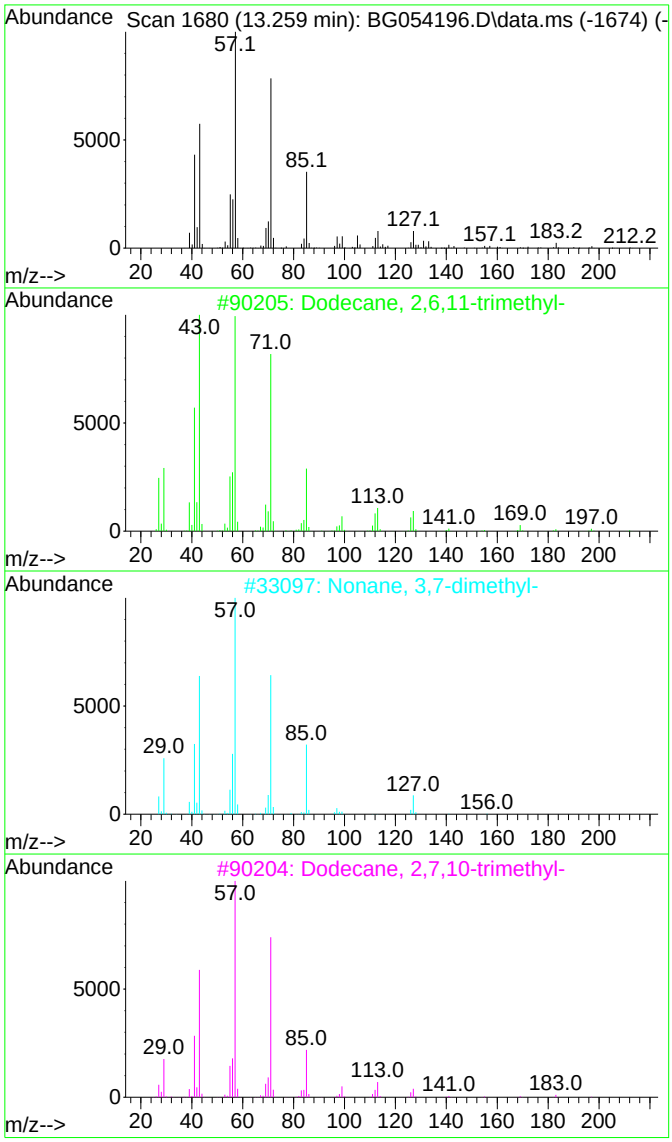
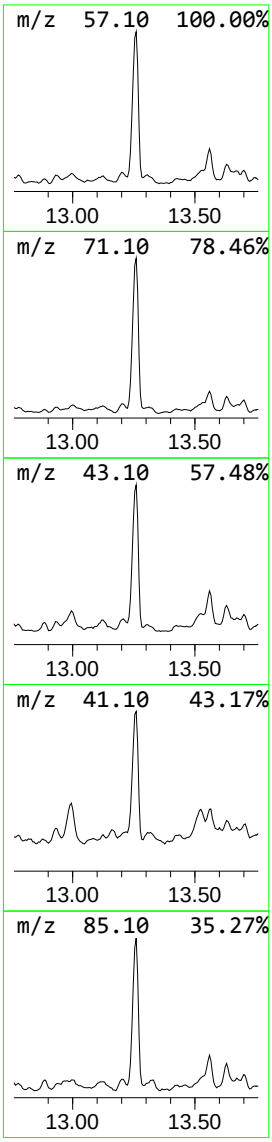
Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.259	47.97 ng	2652500	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83





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

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

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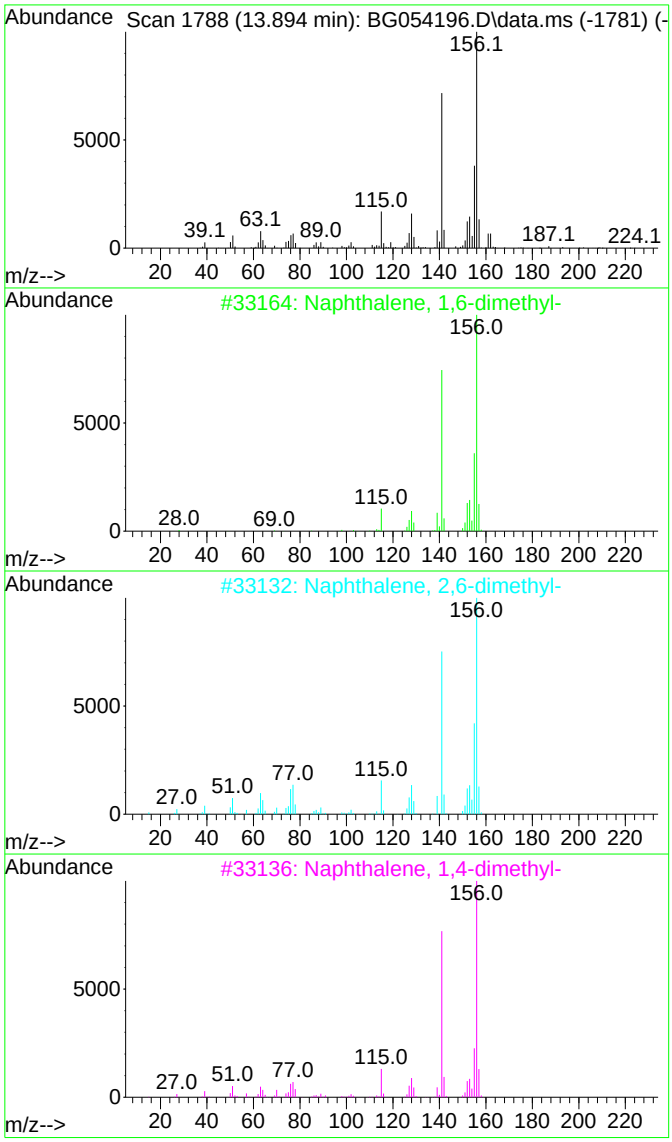
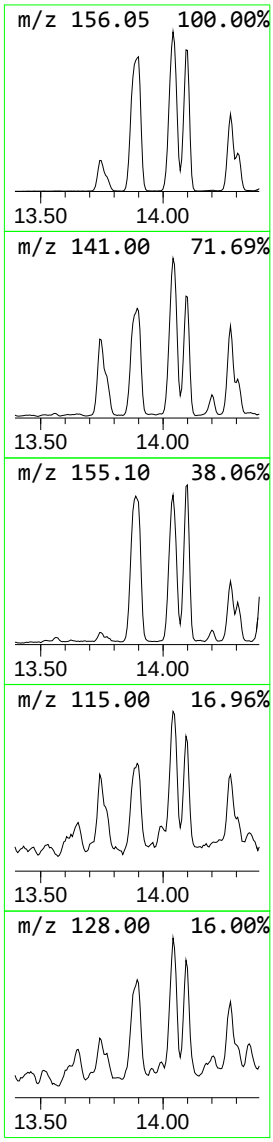
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.894	37.07 ng	2049540	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-11-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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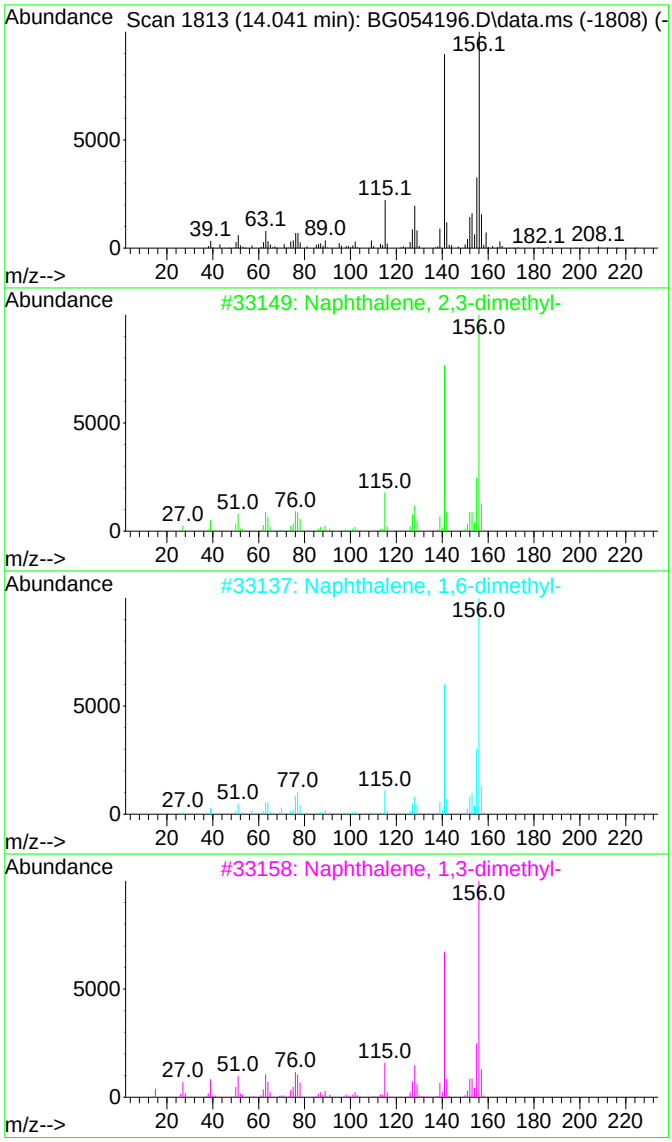
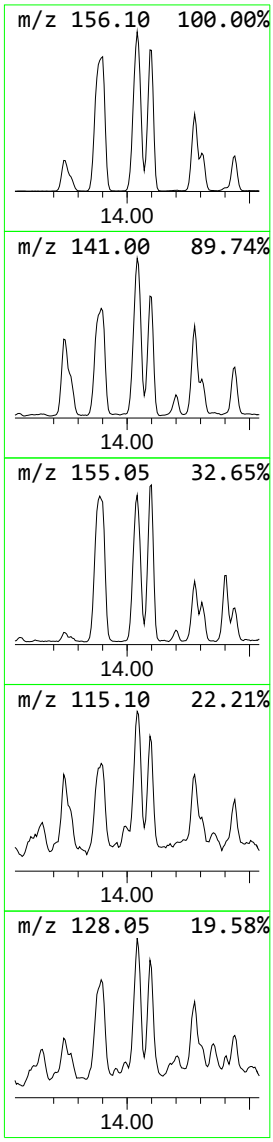
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.041	30.99 ng	1713230	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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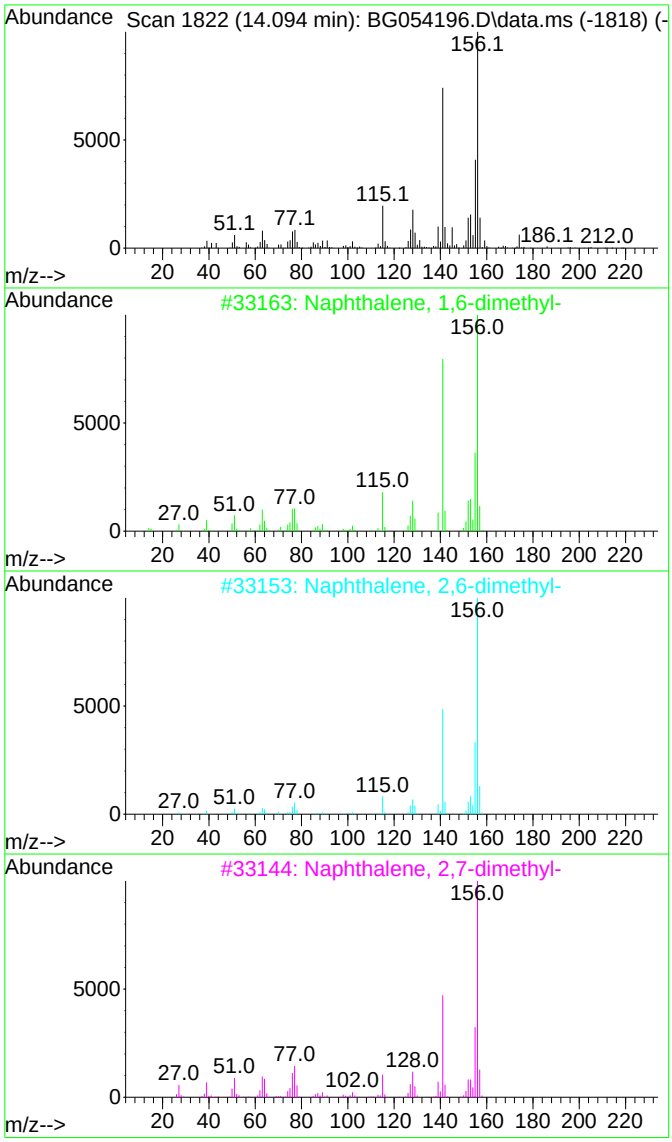
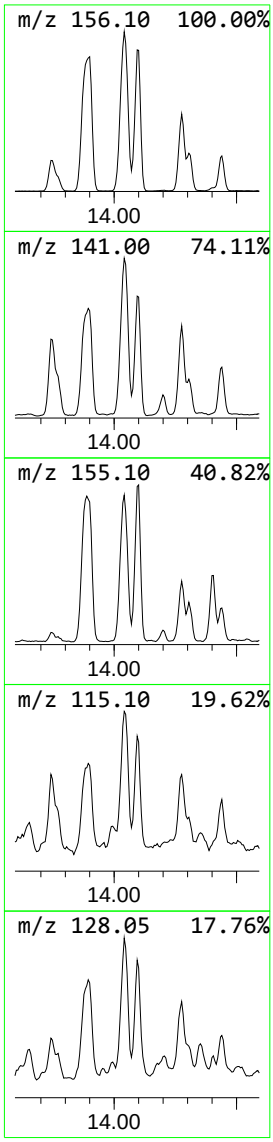
Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.094	26.73 ng	1477950	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-11-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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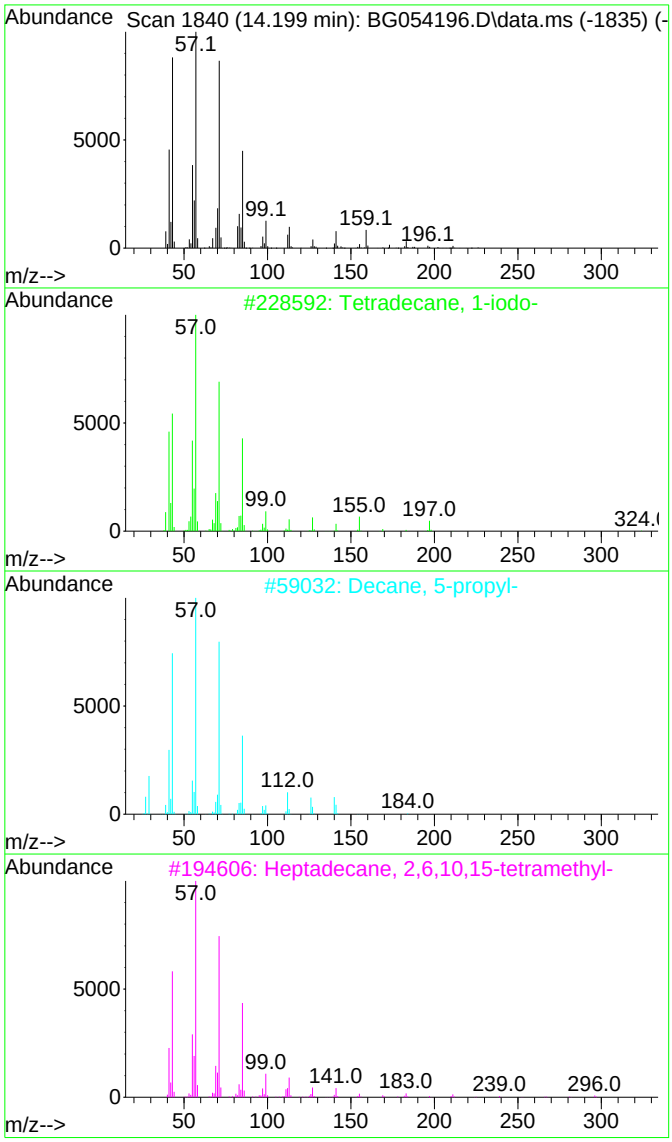
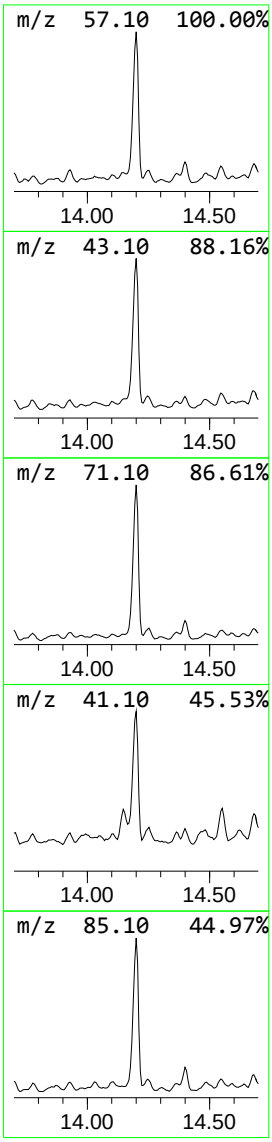
Peak Number 13 Tetradecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	57.19 ng	3162000	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : N3564-06
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ALS Vial : 13 Sample Multiplier: 1

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

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

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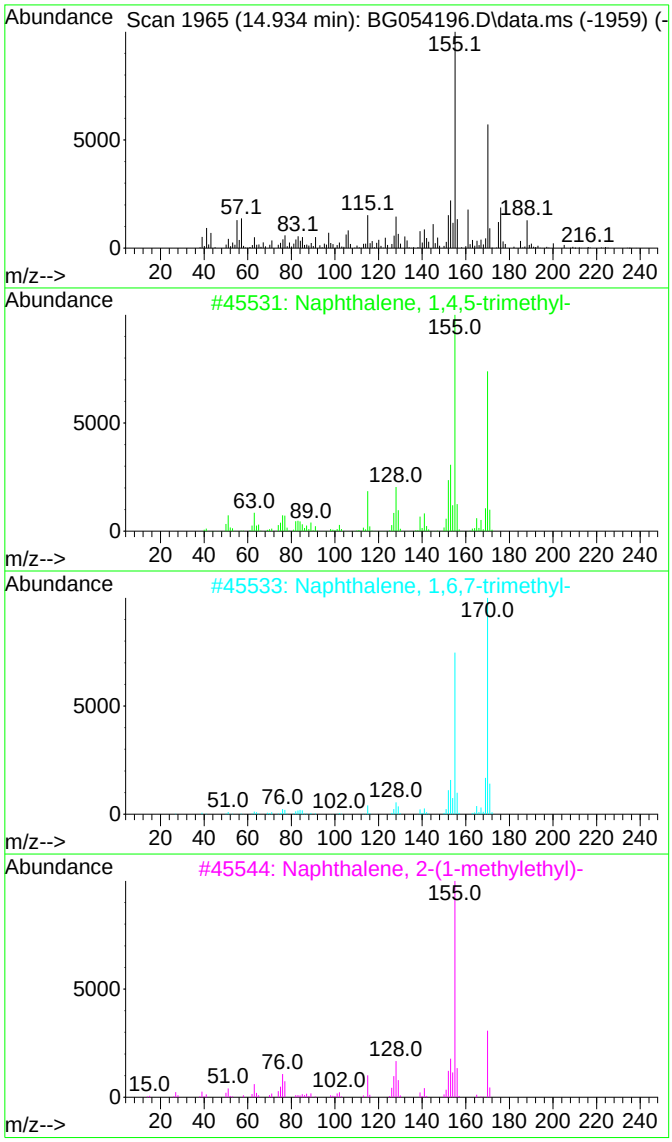
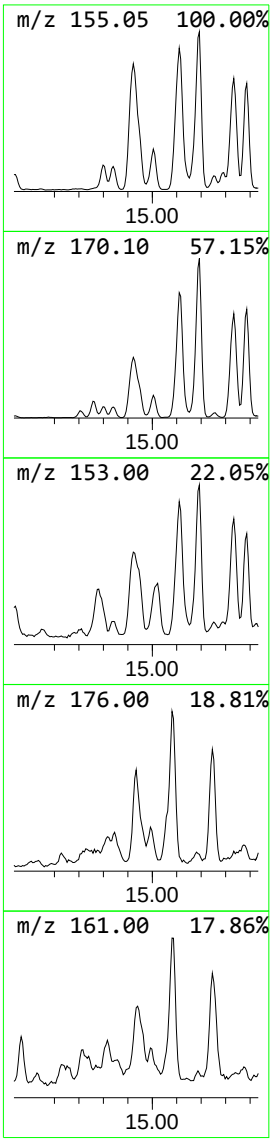
Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.934	27.27 ng	1508050	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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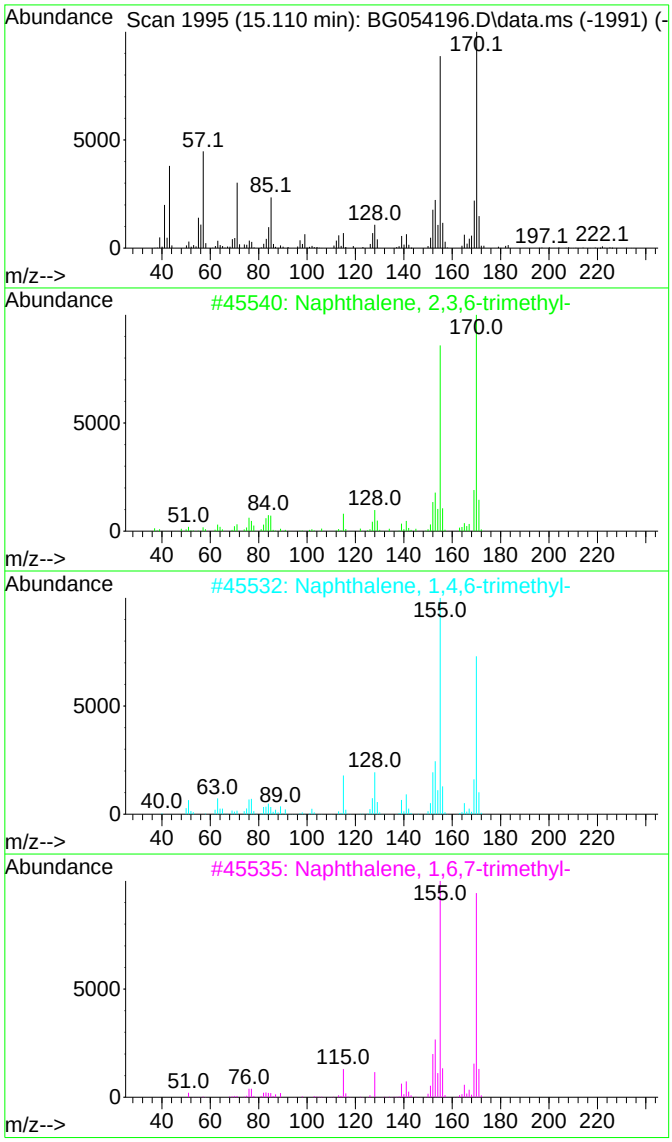
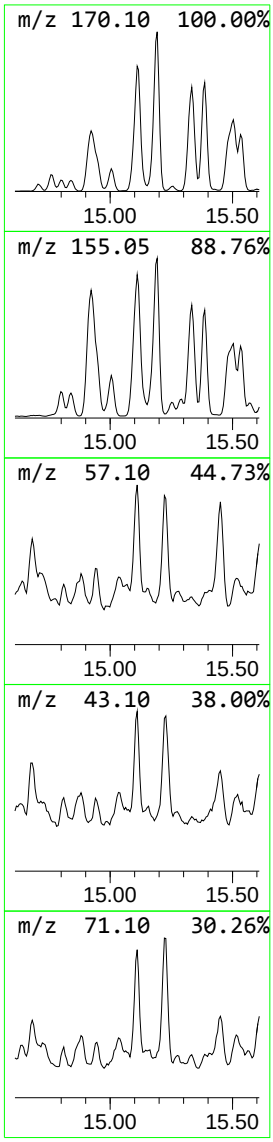
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	26.57 ng	1469120	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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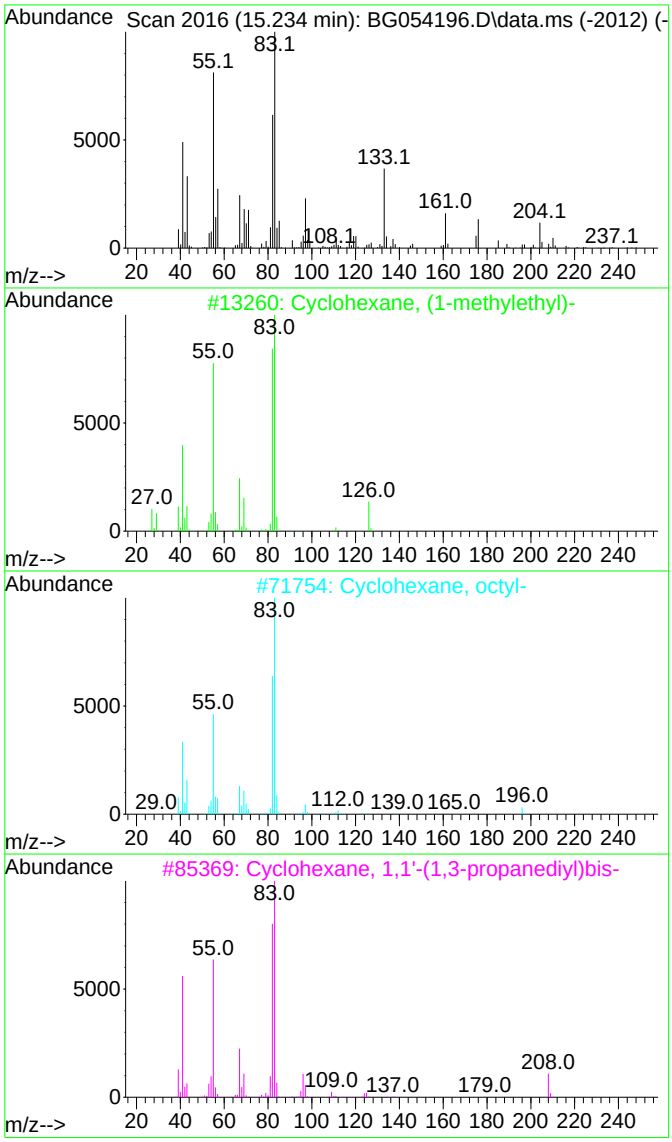
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

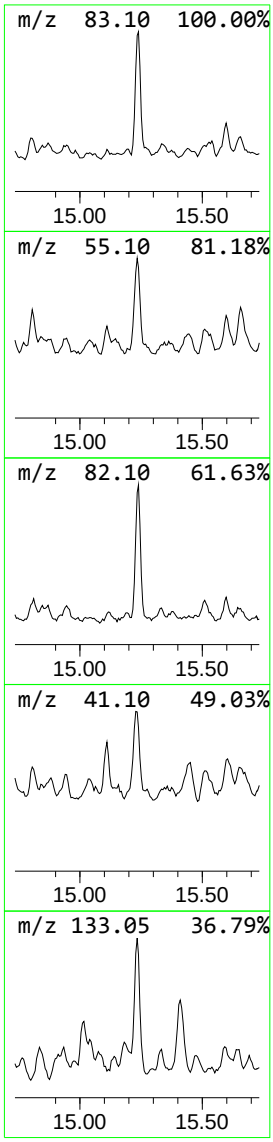
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	25.68 ng	1419690	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	49
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	49
5	Heptylcyclohexane	182	C13H26	005617-41-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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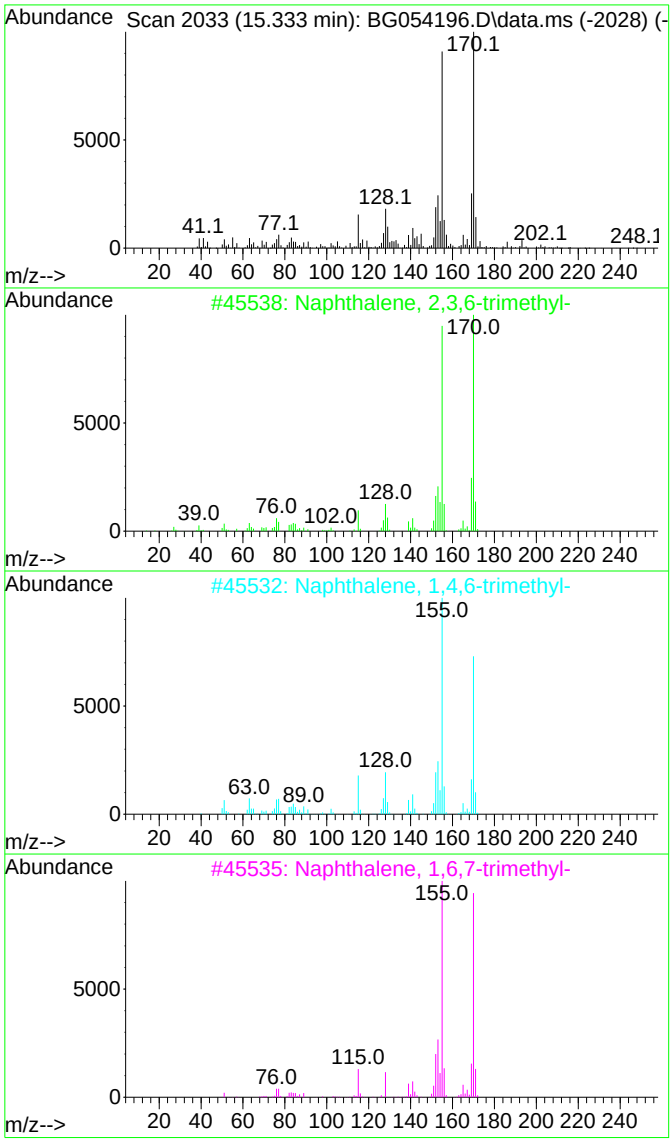
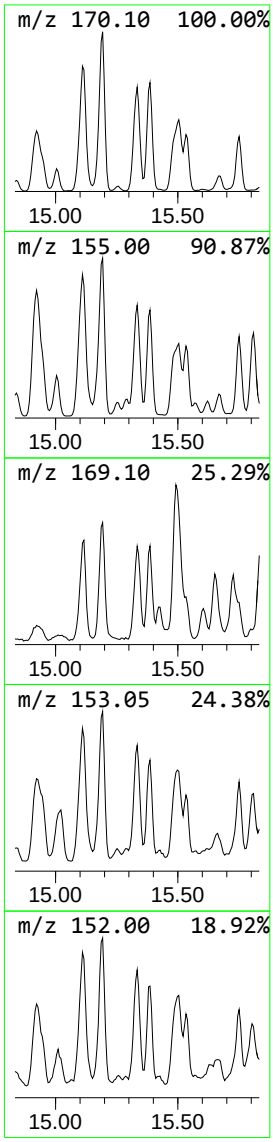
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	23.79 ng	1315560	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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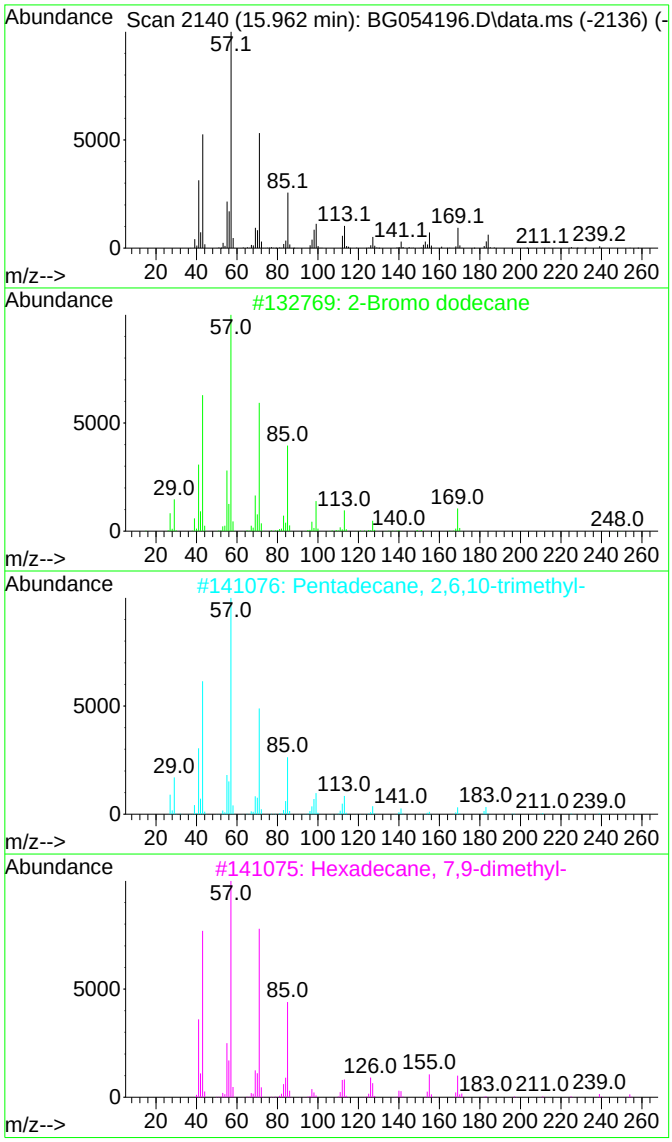
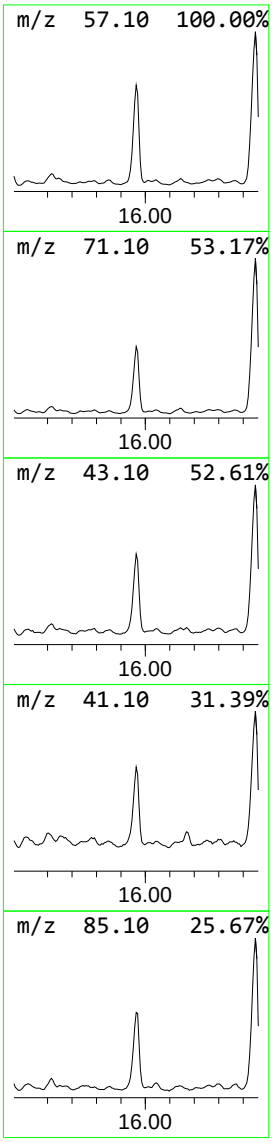
Peak Number 18 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.962	49.31 ng	2726440	Acenaphthene-d10	14.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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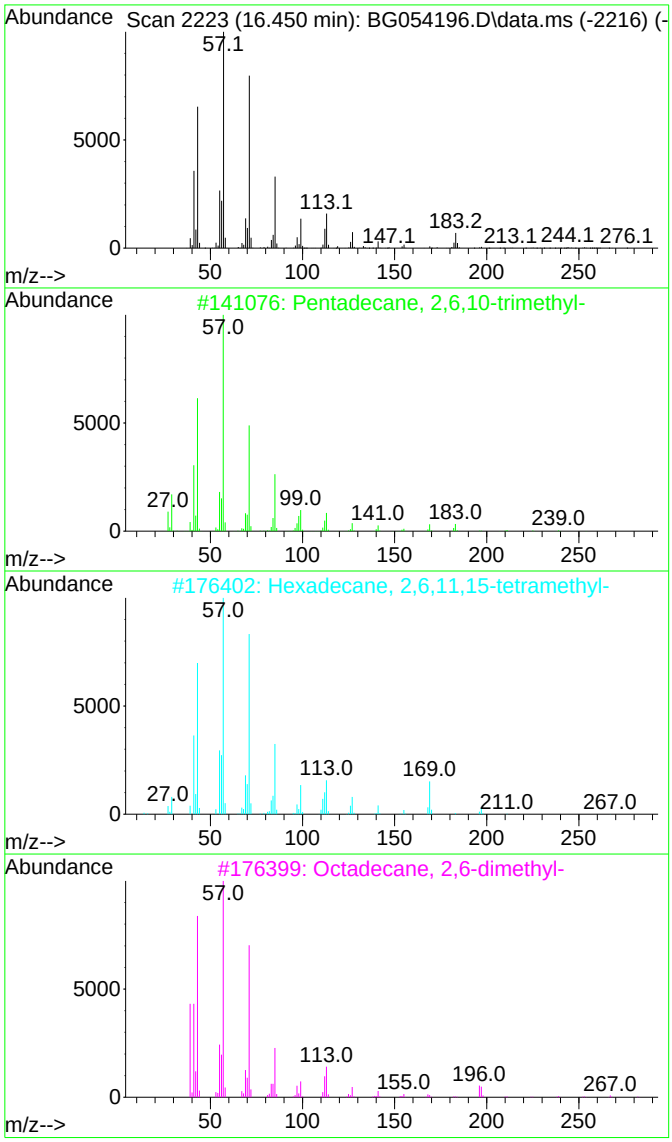
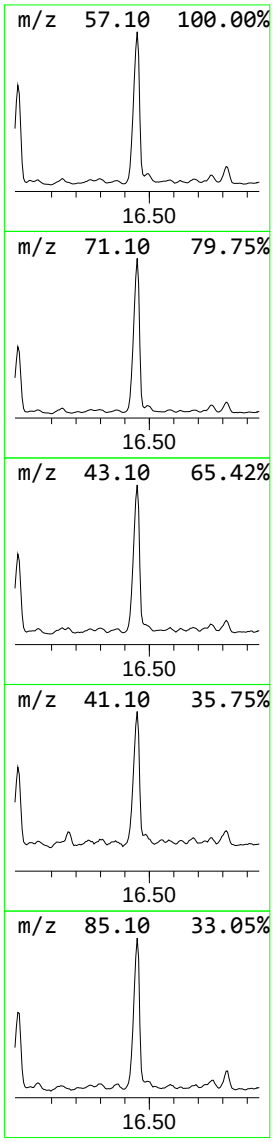
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.450	39.88 ng	5128400	Phenanthrene-d10	17.460

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	86
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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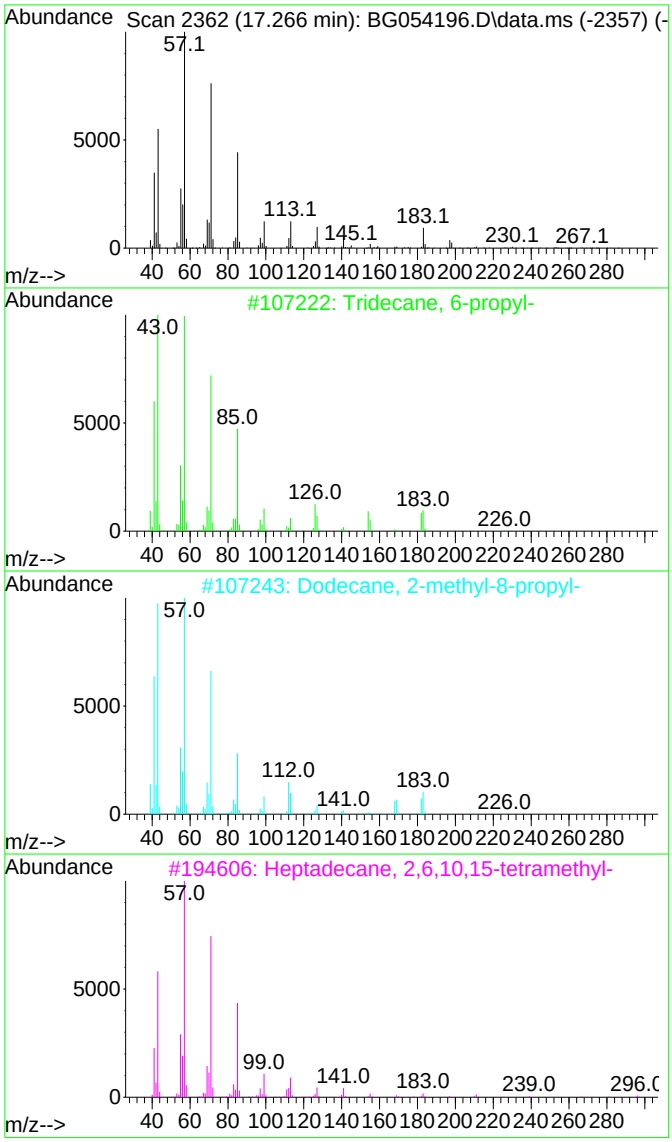
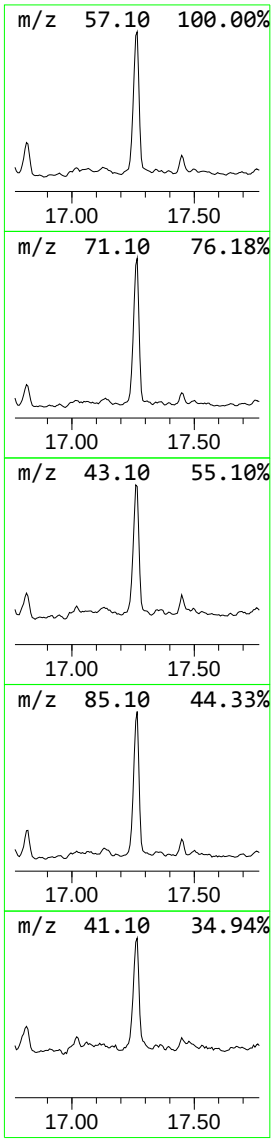
Peak Number 20 Tridecane, 6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.266	20.00 ng	2572090	Phenanthrene-d10	17.460

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054196.D
Acq On : 1 Jul 2022 18:15
Operator : CG/JU
Sample : N3564-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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
Cyclohexanone, ...	6.708	20.3	ng	1347810	1	8.071	1331210	20.0
Cyclohexane, pe...	10.010	19.4	ng	755474	2	10.886	777578	20.0
cis-Decalin, 2-...	10.069	29.5	ng	1146130	2	10.886	777578	20.0
Benzene, 1-ethy...	10.292	19.2	ng	747204	2	10.886	777578	20.0
Benzene, 1-meth...	10.586	18.1	ng	704422	2	10.886	777578	20.0
Undecane, 2,6-d...	11.050	36.4	ng	1413950	2	10.886	777578	20.0
Cyclohexane, he...	11.591	29.6	ng	1150340	2	10.886	777578	20.0
Octane, 2,6-dim...	11.920	61.8	ng	2402750	2	10.886	777578	20.0
Dodecane, 2,6,1...	13.259	48.0	ng	2652500	3	14.711	1105810	20.0
Naphthalene, 1,...	13.894	37.1	ng	2049540	3	14.711	1105810	20.0
Naphthalene, 2,...	14.041	31.0	ng	1713230	3	14.711	1105810	20.0
Naphthalene, 1,...	14.094	26.7	ng	1477950	3	14.711	1105810	20.0
Tetradecane, 1-...	14.200	57.2	ng	3162000	3	14.711	1105810	20.0
Naphthalene, 1,...	14.934	27.3	ng	1508050	3	14.711	1105810	20.0
Naphthalene, 2,...	15.110	26.6	ng	1469120	3	14.711	1105810	20.0
Cyclohexane, (1...	15.233	25.7	ng	1419690	3	14.711	1105810	20.0
Naphthalene, 1,...	15.333	23.8	ng	1315560	3	14.711	1105810	20.0
2-Bromo dodecane	15.962	49.3	ng	2726440	3	14.711	1105810	20.0
Pentadecane, 2,...	16.450	39.9	ng	5128400	4	17.460	2572090	20.0
Tridecane, 6-pr...	17.266	20.0	ng	2572090	4	17.460	2572090	20.0