LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-14B-11-1

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: BG054195.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.757	51	63	72	rBV5	24597	69432	2.27%	0.181%
2	4.245	138	146	152	rBV6	15399	47670	1.56%	0.124%
3	4.427	169	177	181	rBV2	43624	91794	3.01%	0.240%
4	4.562	189	200	209	rVB4	29717	79972	2.62%	0.209%
5	4.715	221	226	235	rVB3	29424	58530	1.92%	0.153%
6	4.891	252	256	265	rVB3	15936	33821	1.11%	0.088%
7	4.997	265	274	280	rBV	59335	124605	4.08%	0.325%
8	5.097	286	291	295	rBV	31874	55434	1.82%	0.145%
9	5.209	305	310	314	rVB2	49990	74511	2.44%	0.194%
10	5.261	314	319	325	rBV2	94278	171691	5.62%	0.448%
11	5.420	342	346	350	rBV	31709	44702	1.46%	0.117%
12	5.502	355	360	370	rVB3	79324	173746	5.69%	0.453%
13	5.637	375	383	391	rBV2	245686	470247	15.41%	1.227%
14	5.749	398	402	414	rVB5	30740	88414	2.90%	0.231%
15	5.872	414	423	428	rBV3	45004	100058	3.28%	0.261%
16	5.943	428	435	443	rBV2	70641	180908	5.93%	0.472%
17	6.019	443	448	454	rVV	92245	184075	6.03%	0.480%
18	6.084	455	459	466	rVB	54931	114710	3.76%	0.299%
19	6.160	466	472	480	rVB3	44631	86949	2.85%	0.227%
20	6.243	480	486	495	rBV6	21350	54150	1.77%	0.141%
21	6.343	495	503	510	rBV4	130640	338466	11.09%	0.883%
22	6.454	516	522	533	rVB2	69038	170133	5.57%	0.444%
23	6.572	533	542	546	rBV5	98202	308187	10.10%	0.804%
24	6.625	546	551	556	rVB	216108	334959	10.97%	0.874%
25	6.707	556	565	567	rBV3	182292	357647	11.72%	0.933%
26	6.824	577	585	591	rVB3	42935	92629	3.03%	0.242%
27	6.889	591	596	601	rVB4	47029	91603	3.00%	0.239%
28	6.965	601	609	615	rBV5	100314	264478	8.66%	0.690%
29	7.024	615	619	620	rVV2	37215	46478	1.52%	0.121%
30	7.059	620	625	632	rVB	184125	311322	10.20%	0.812%
31	7.165	638	643	646	rBV4	61526	100163	3.28%	0.261%
32	7.230	646	654	666	rVB3	354387	849723	27.84%	2.218%
33	7.359	666	676	678	rBV3	30338	74474	2.44%	0.194%
34	7.400	678	683	688	rVB4	48853	94097	3.08%	0.246%
35	7.459	688	693	696	rBV3	48720	79315	2.60%	0.207%
36	7.523	701	704	706	rVV	88112	132257	4.33%	0.345%

LSC Area Percent Report

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Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

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	7.559	706	710	719	rVV3	135596	371767	12.18%	0.970%
38	7.635	719	723	735	rVB7	96008	265356	8.69%	0.693%
39	7.759	741	744	746	rVV2	27020	41245	1.35%	0.108%
40	7.794	747	750	755	rVB2	53371	86702	2.84%	0.226%
41	7.894	761	767	774	rVB3	42985	98433	3.22%	0.257%
42	7.994	776	784	788	rVV8	81485	248981	8.16%	0.650%
43	8.052	788	794	802	rVB2	448473	891125	29.19%	2.326%
44	8.140	802	809	815	rVB3	97205	210390	6.89%	0.549%
45	8.217	815	822	823	rBV4	51794	97867	3.21%	0.255%
46	8.264	825	830	834	rVV3	155594	306052	10.03%	0.799%
47	8.328	834	841	843	rVV	132651	282811	9.27%	0.738%
48	8.364	843	847	853	rVV2	233477	492774	16.14%	1.286%
49	8.422	853	857	865	rVB3	99183	209826	6.87%	0.548%
50	8.516	865	873	878	rBV8	64672	205003	6.72%	0.535%
51	8.599	880	887	891	rVV3	176231	423945	13.89%	1.106%
52	8.640	891	894	902	rVB4	119920	264261	8.66%	0.690%
53	8.763	909	915	921	rBV3	69508	151050	4.95%	0.394%
54	8.857	926	931	935	rBV6	48030	115788	3.79%	0.302%
55	8.910	936	940	946	rBV	99033	209951	6.88%	0.548%
56	9.186	976	987	991	rBV4	322061	892488	29.24%	2.329%
57	9.227	991	994	998	rVV	149610	269906	8.84%	0.704%
58	9.280	999	1003	1010	rVB5	146140	301733	9.89%	0.787%
59	9.345	1010	1014	1018	rVB2	61824	94530	3.10%	0.247%
60	9.398	1018	1023	1025	rBV3	121831	226211	7.41%	0.590%
61	9.551	1037	1049	1056	rBV7	137869	432972	14.18%	1.130%
62	9.721	1072	1078	1084	rVB2	211518	384566	12.60%	1.004%
63	9.803	1088	1092	1096	rVB2	126053	195148	6.39%	0.509%
64	9.962	1112	1119	1122	rBV4	103323	222895	7.30%	0.582%
65	10.009	1122	1127	1131	rVV2	243352	436463	14.30%	1.139%
66	10.062	1131	1136	1143	rVV6	267271	529366	17.34%	1.381%
67	10.132	1143	1148	1157	rVB3	190234	468170	15.34%	1.222%
68	10.285	1169	1174	1178	rBV3	90390	173187	5.67%	0.452%
69	10.467	1200	1205	1218	rVB8	103193	290857	9.53%	0.759%
70	10.585	1220	1225	1228	rBV2	111692	224899	7.37%	0.587%
71	10.743	1248	1252	1255	rBV3	116102	195232	6.40%	0.510%
72	10.779	1256	1258	1265	rVB3	102209	185416	6.07%	0.484%
73	11.043	1298	1303	1309	rVB	676962	1168296	38.28%	3.049%
74	11.102	1309	1313	1321	rBV3	162590	324294	10.62%	0.846%
75	11.260	1335	1340	1344	rBV7	85922	201773	6.61%	0.527%
76	11.384	1356	1361	1366	rVB4	176490	340001	11.14%	0.887%

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Operator : CG/JU
Sample : N3564-01
Misc :
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Instrument :
BNA_G
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WC-14B-11-1

Integration Parameters: rteint.p
Integrator: RTE
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77	11.548	1385	1389	1390	rBV3	113273	142321	4.66%	0.371%
78	11.589	1391	1396	1403	rVV4	325213	760989	24.93%	1.986%
79	11.654	1403	1407	1413	rVV5	102736	201241	6.59%	0.525%
80	11.719	1414	1418	1423	rVB4	145207	237685	7.79%	0.620%
81	11.907	1445	1450	1455	rBV	781675	1357223	44.47%	3.542%
82	12.077	1475	1479	1485	rBV3	110823	223589	7.33%	0.584%
83	12.171	1492	1495	1499	rVB2	124578	155480	5.09%	0.406%
84	12.923	1619	1623	1627	rBV3	189465	322032	10.55%	0.840%
85	13.246	1673	1678	1683	rVB	1026738	1590451	52.11%	4.151%
86	13.323	1687	1691	1697	rVB	411667	668837	21.91%	1.745%
87	13.511	1719	1723	1727	rBV6	159327	330460	10.83%	0.862%
88	14.139	1826	1830	1833	rBV2	226818	371401	12.17%	0.969%
89	14.186	1834	1838	1843	rVB	1291332	1855512	60.79%	4.842%
90	14.539	1895	1898	1904	rVB2	309371	479198	15.70%	1.251%
91	14.674	1917	1921	1924	rBV3	303276	535926	17.56%	1.399%
92	15.103	1990	1994	1999	rVB	443562	683881	22.41%	1.785%
93	15.226	2011	2015	2025	rVB5	419512	889467	29.14%	2.321%
94	15.326	2028	2032	2036	rBV	268825	437464	14.33%	1.142%
95	15.955	2134	2139	2145	rVB	1105243	1819234	59.60%	4.748%
96	16.196	2177	2180	2186	rVB2	353658	472881	15.49%	1.234%
97	16.437	2215	2221	2226	rBV	1883008	3052323	100.00%	7.966%
98	17.253	2356	2360	2371	rVB	941880	1712150	56.09%	4.468%
99	17.858	2460	2463	2469	rVB2	342641	508763	16.67%	1.328%
100	20.062	2834	2838	2842	rVB	767942	1026753	33.64%	2.680%

Sum of corrected areas: 38318341

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
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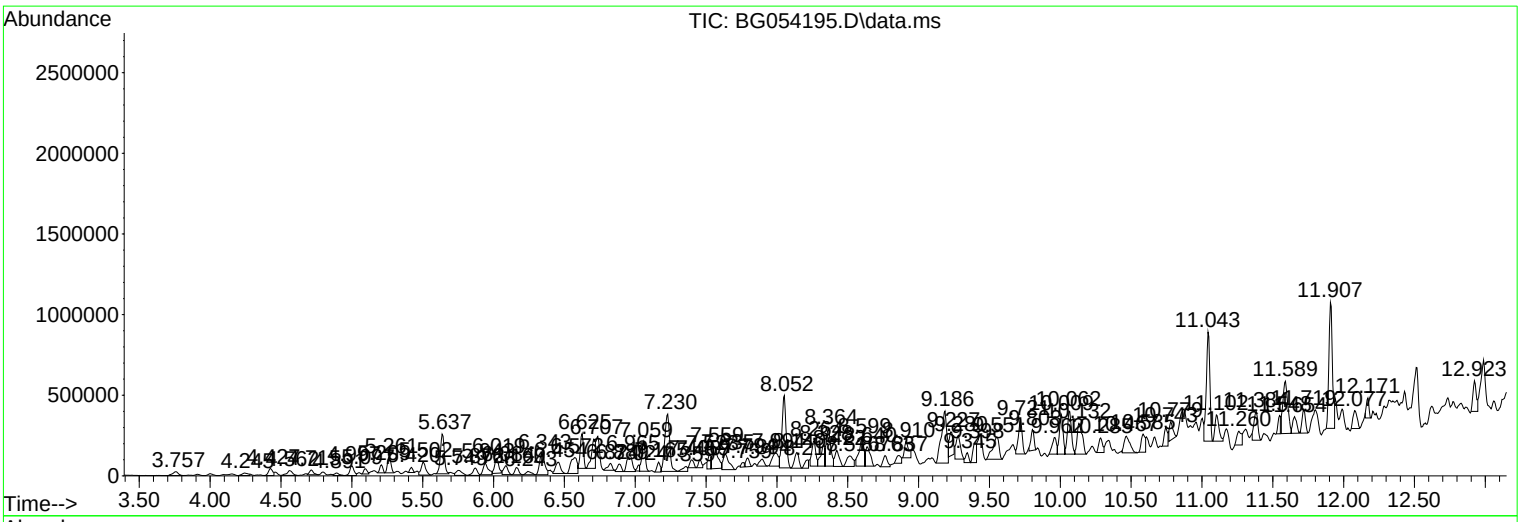
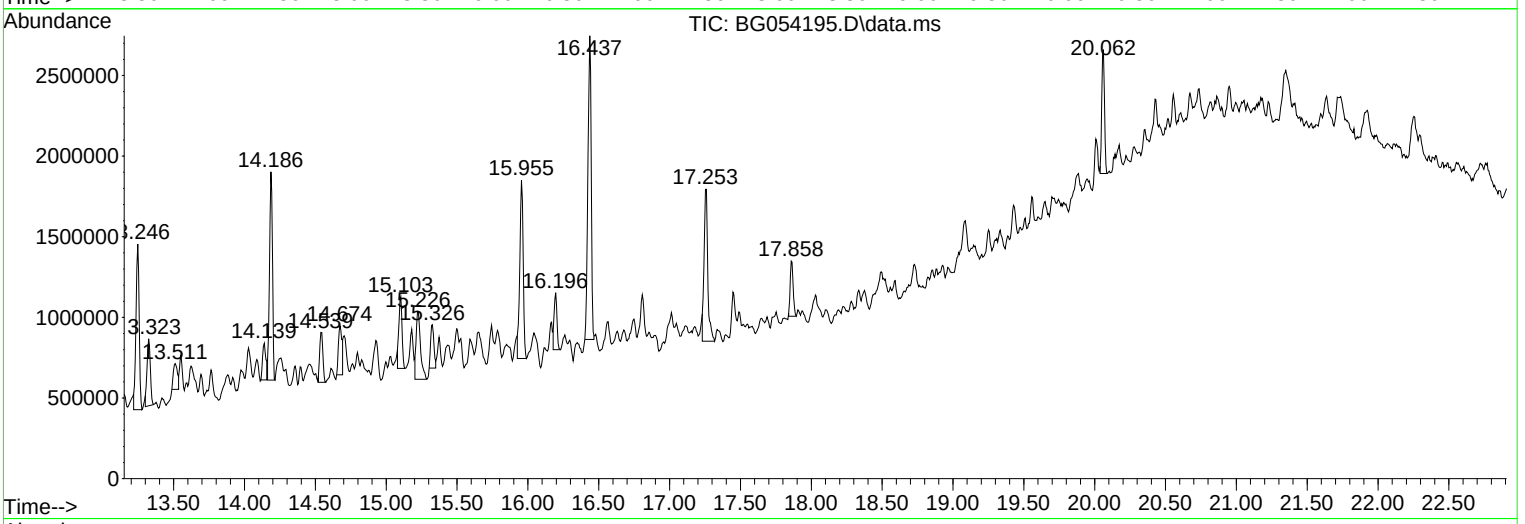
Misc :
ALS Vial : 12 Sample Multiplier: 1

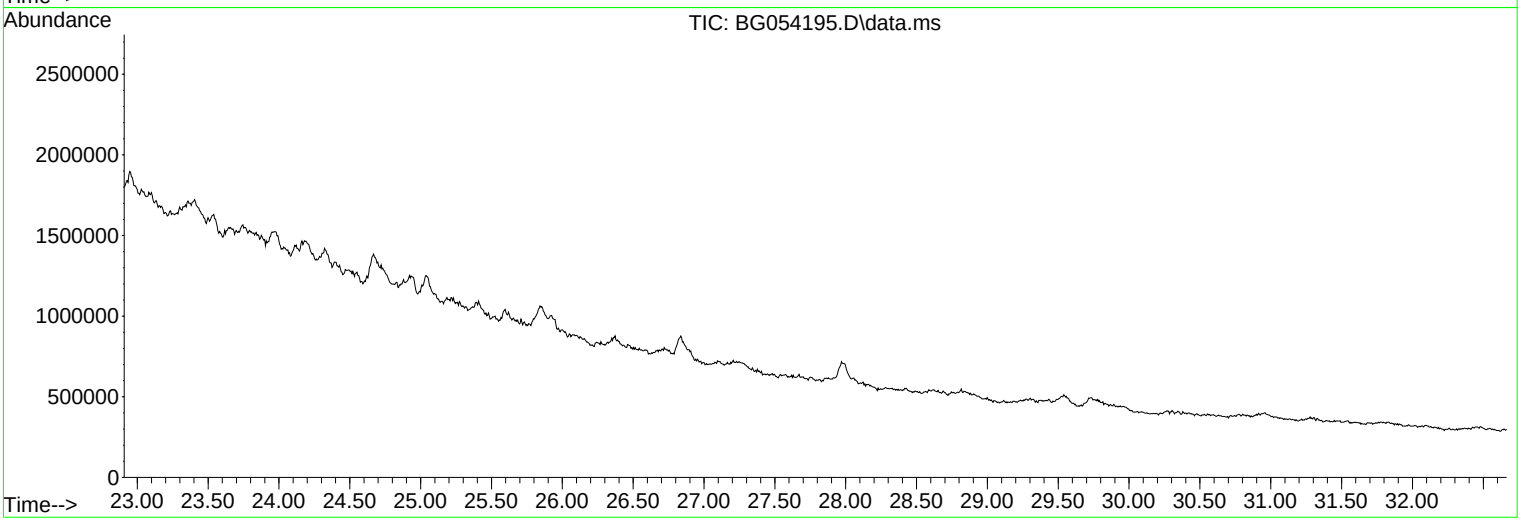
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

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 : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

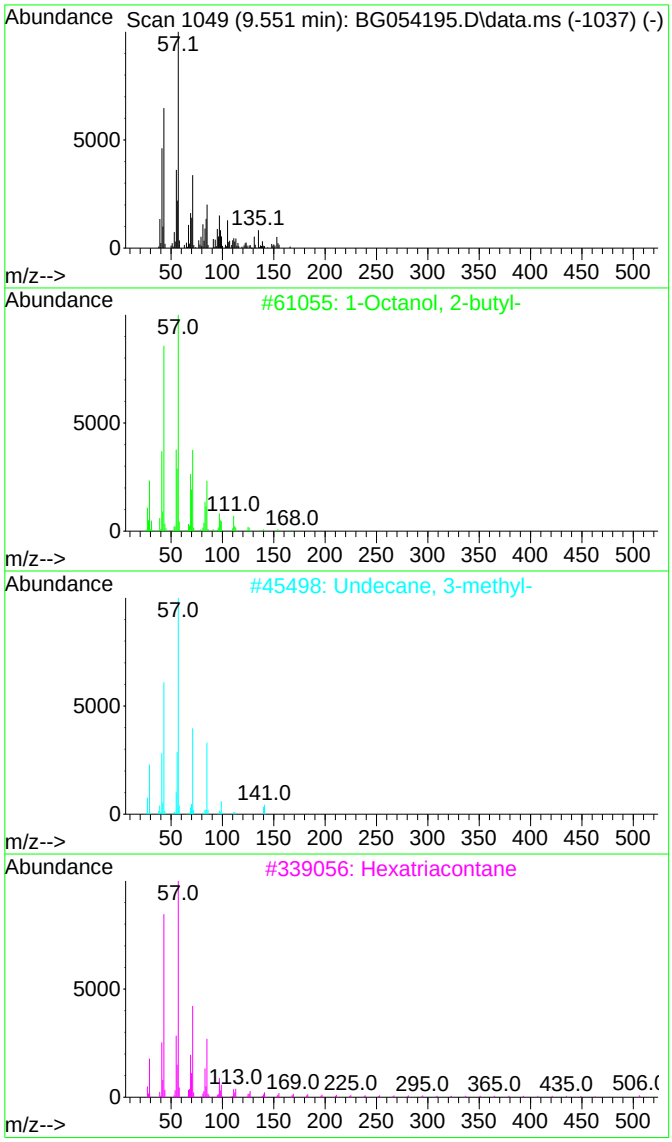
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

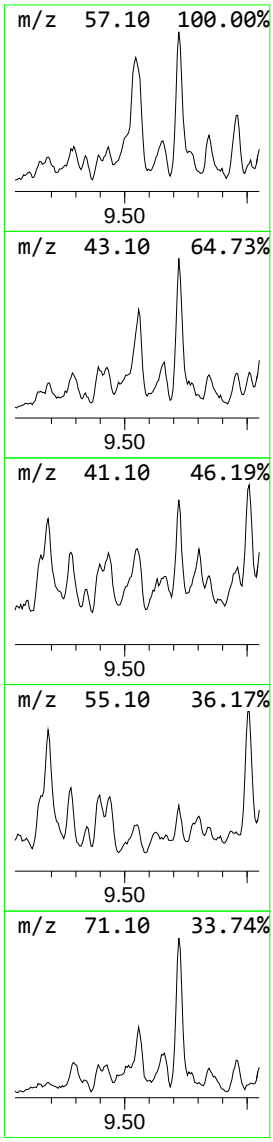
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Octanol, 2-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	46.70 ng	432972	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	58
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3	Hexatriacontane	507	C36H74	000630-06-8	50
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
5	Decane	142	C10H22	000124-18-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

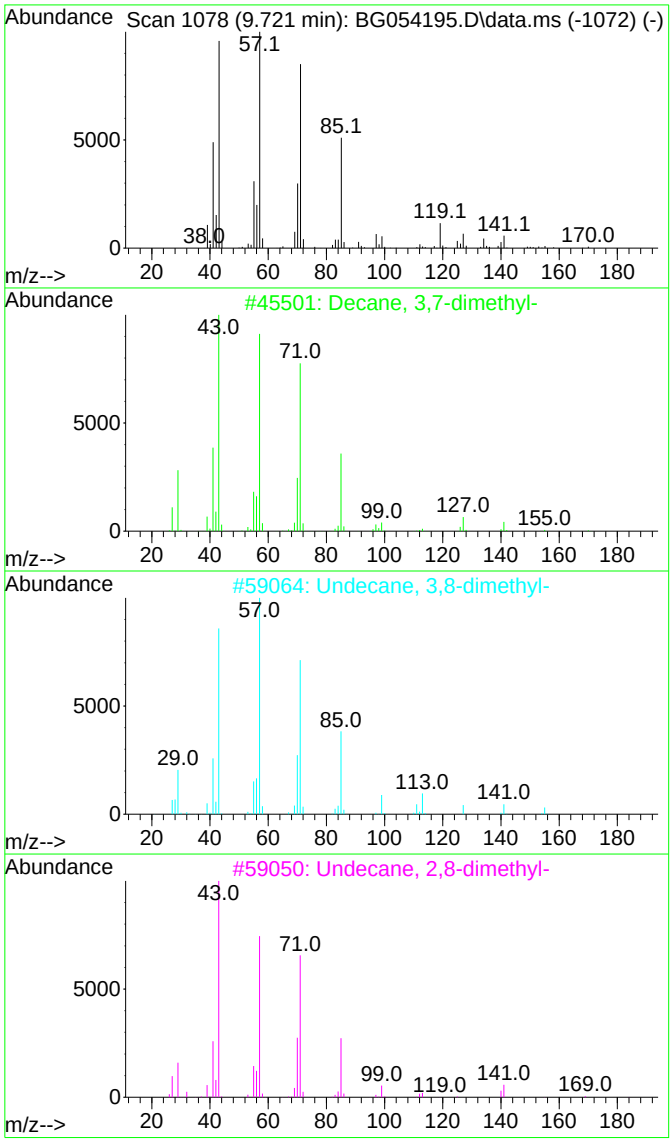
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

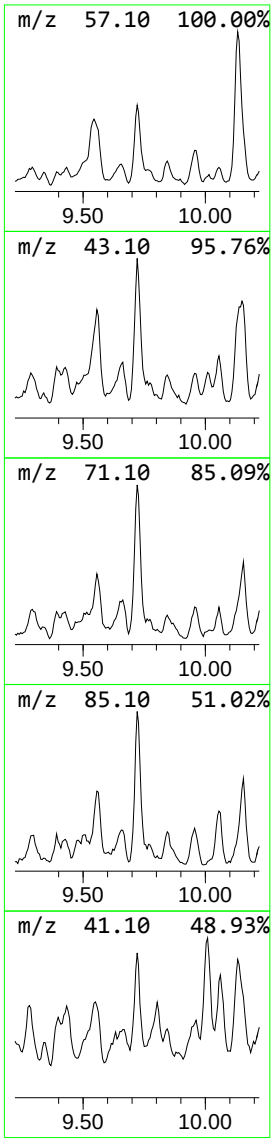
****

Peak Number 2 Decane, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.721	41.48 ng	384566	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
3	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53





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

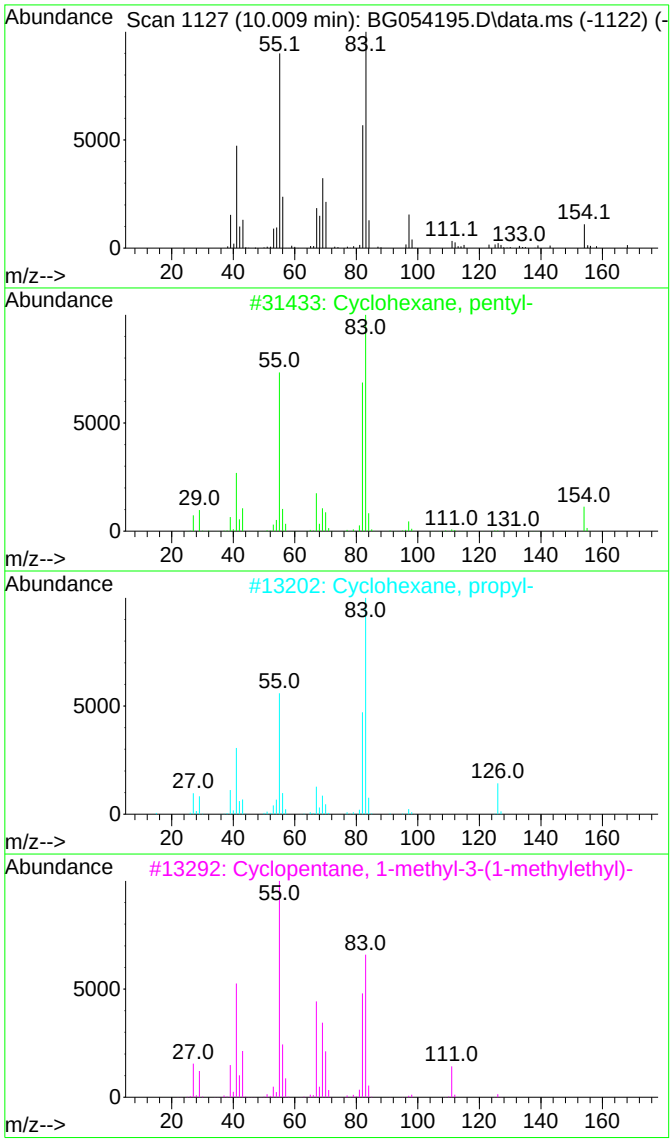
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

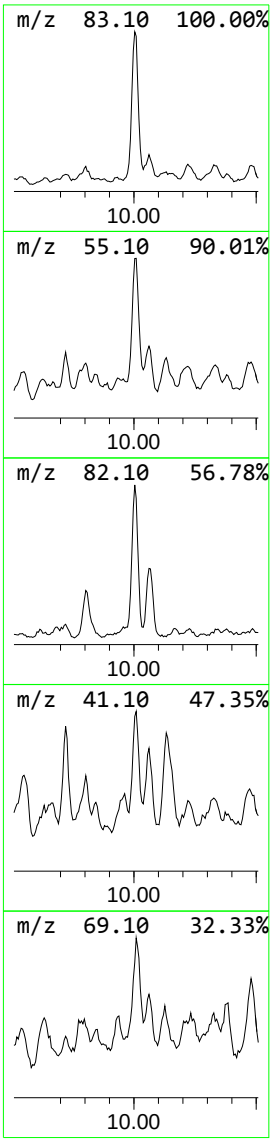
****

Peak Number 3 Cyclohexane, pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.009	47.08 ng	436463	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	52
4	5-Undecene	154	C11H22	004941-53-1	42
5	Cyclopropane, 1-pentyl-2-propyl-	154	C11H22	041977-33-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
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ALS Vial : 12 Sample Multiplier: 1

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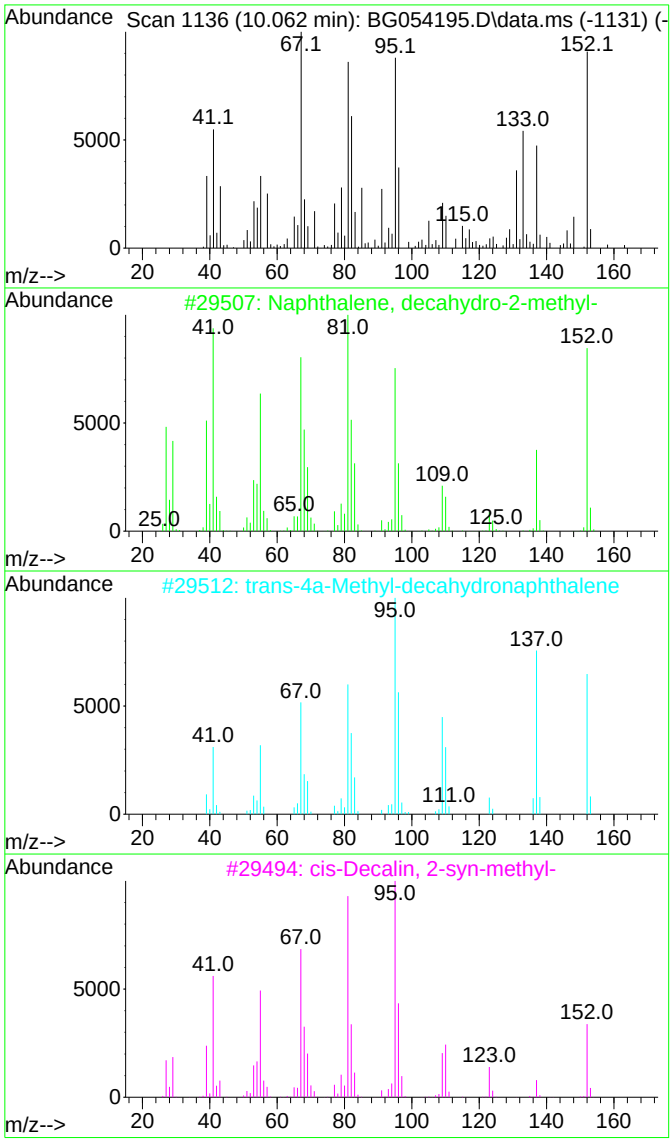
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

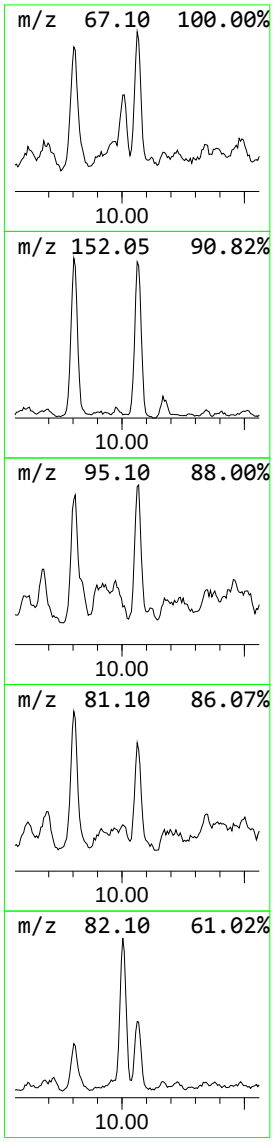
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.062	57.10 ng	529366	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

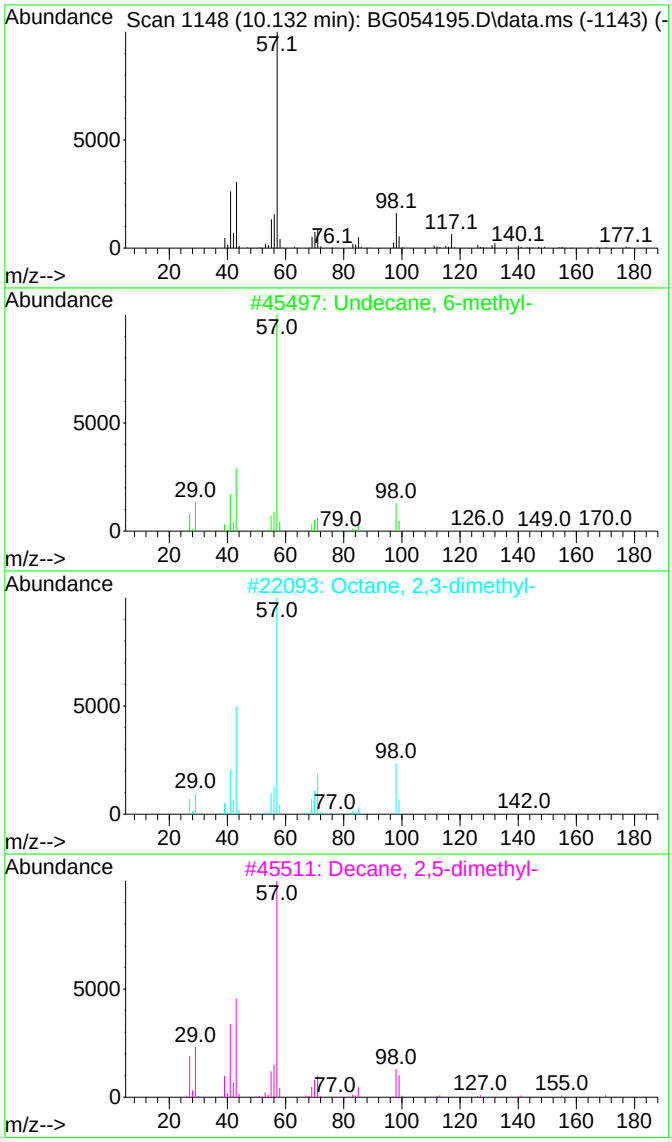
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

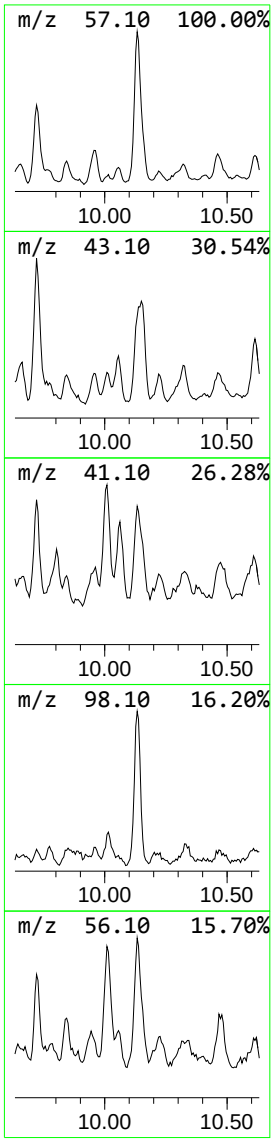
****

Peak Number 5 Undecane, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.132	50.50 ng	468170	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	68
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53





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Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-11-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

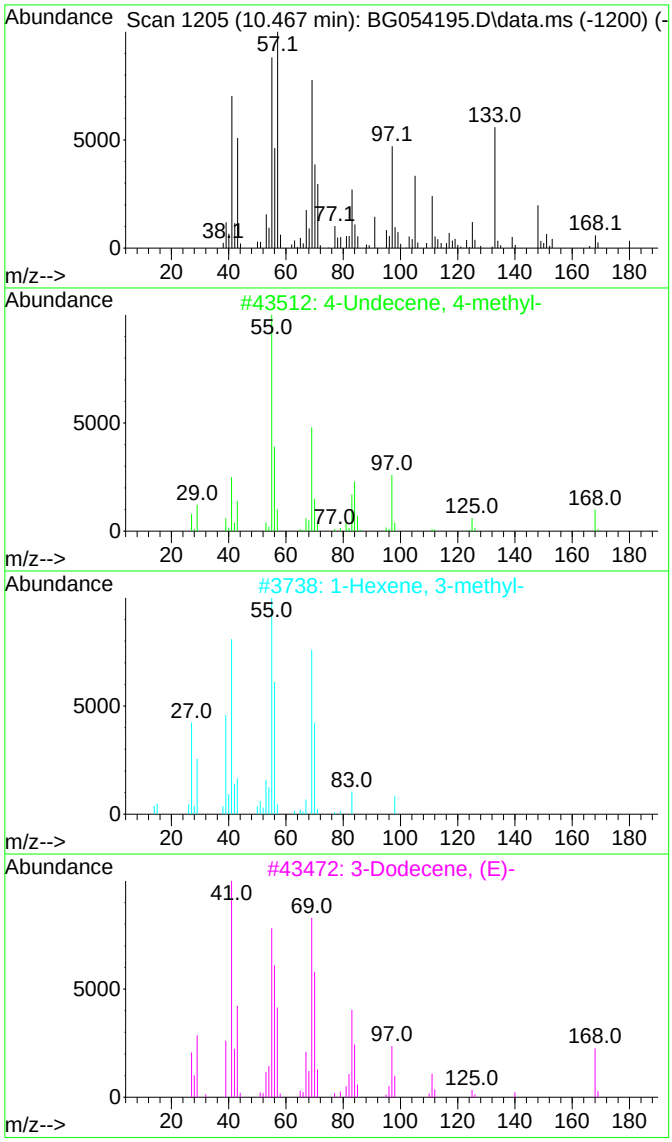
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

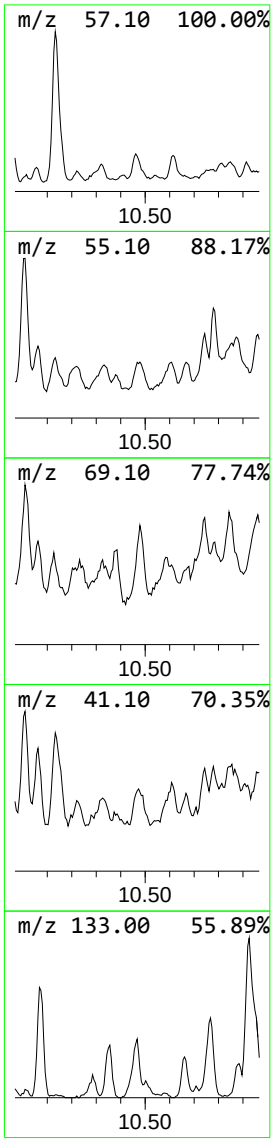
****

Peak Number 6 4-Undecene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.467	31.37 ng	290857	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	60
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
3	3-Dodecene, (E)-	168	C12H24	007206-14-6	49
4	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	49
5	6-Dodecene, (Z)-	168	C12H24	007206-29-3	46





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Sample : N3564-01
Misc :
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ClientSampleId :
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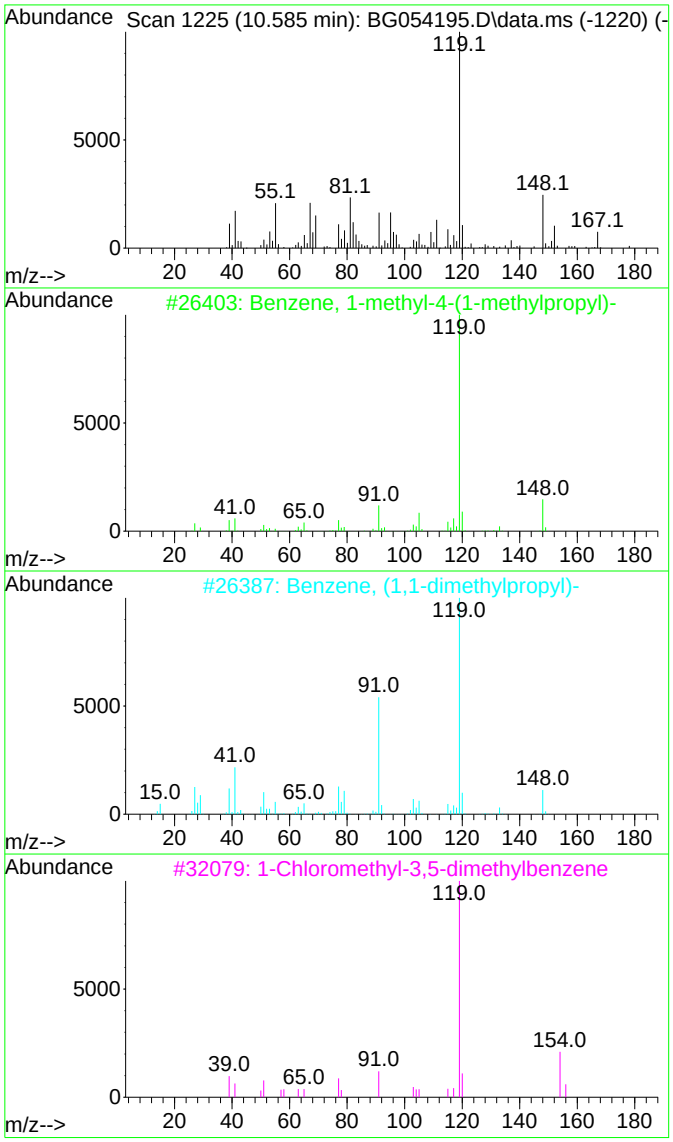
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

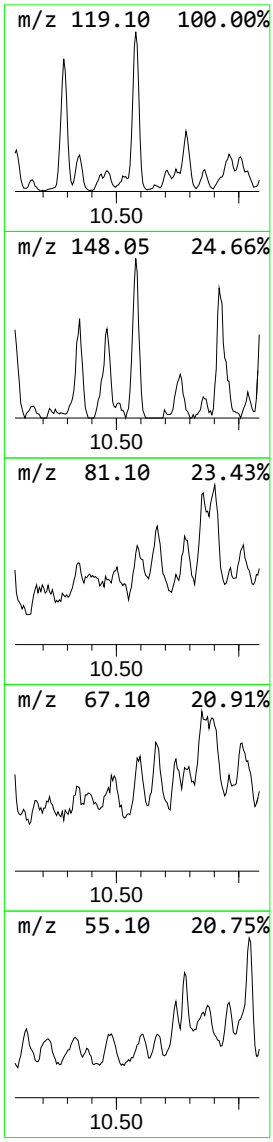
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.585	24.26 ng	224899	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3	1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	43
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
5	Benzoic acid, 3-methyl-, 3-methy...	206	C13H18O2	1000355-70-5	43





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ALS Vial : 12 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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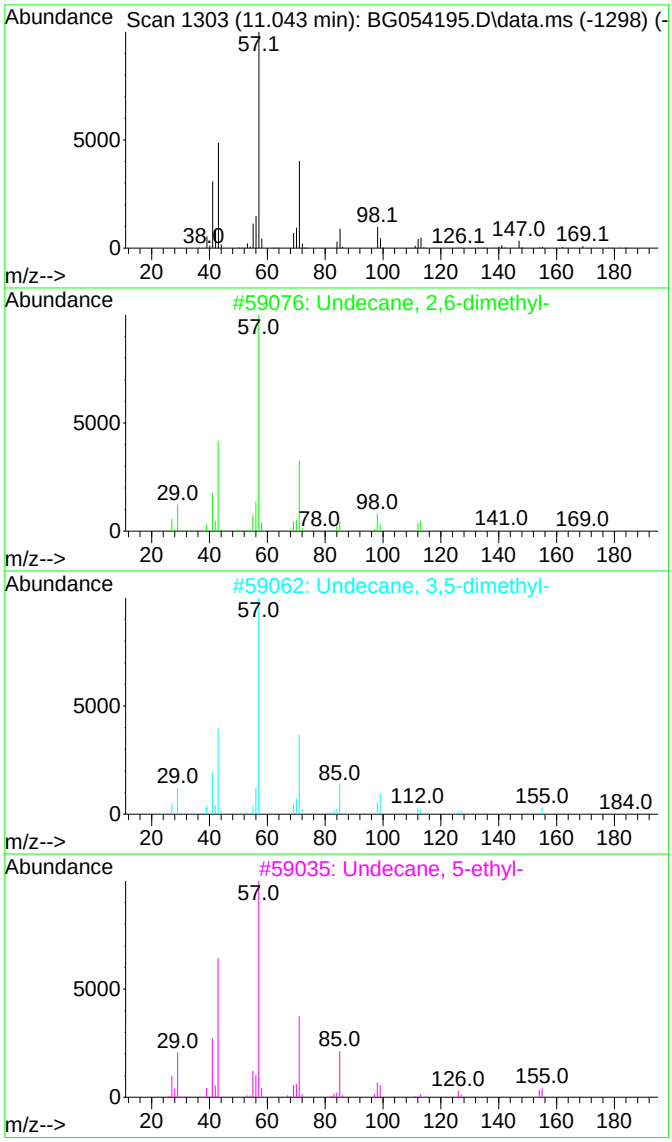
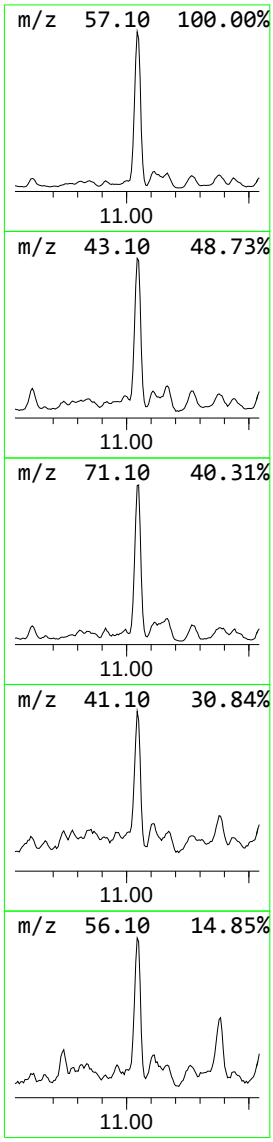
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.043	126.02 ng	1168300	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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ALS Vial : 12 Sample Multiplier: 1

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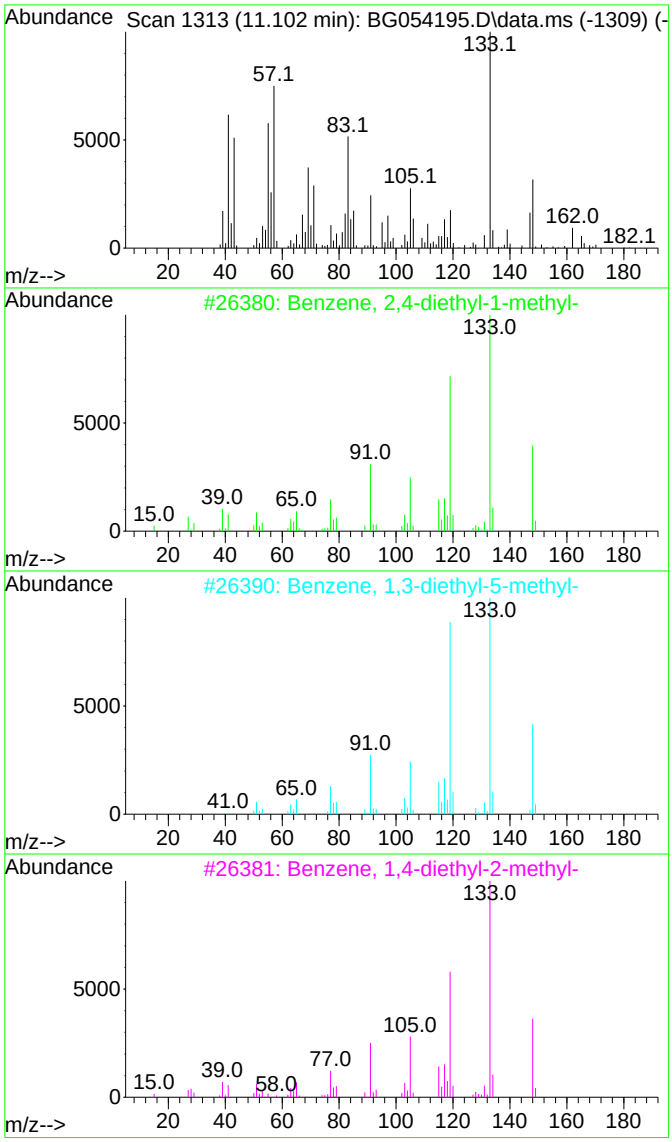
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

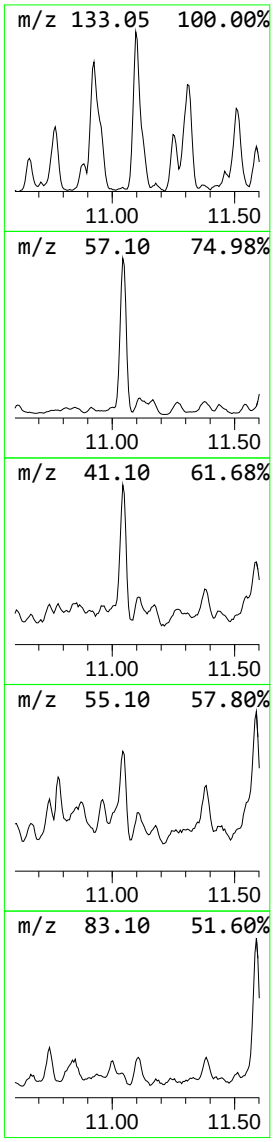
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.102	34.98 ng	324294	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	55
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	49
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	49





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Instrument :
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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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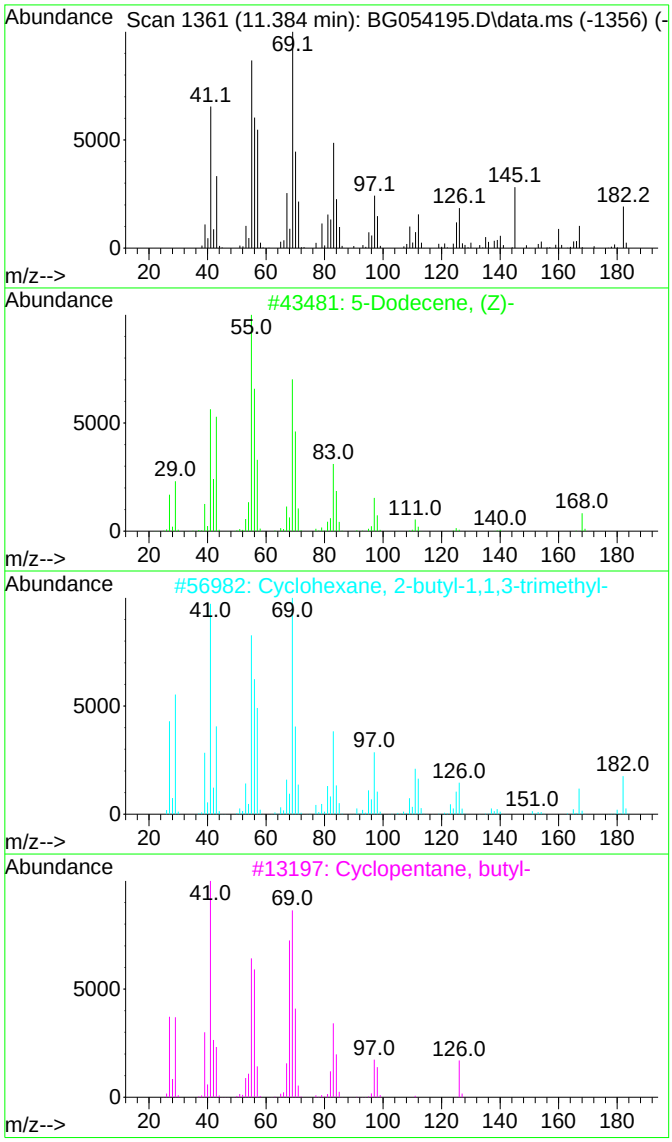
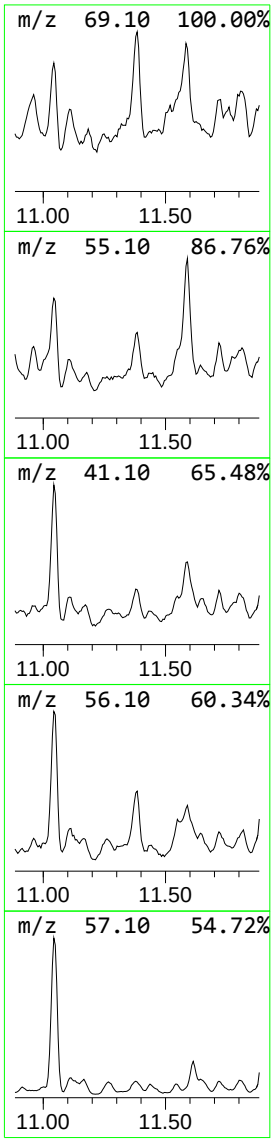
Peak Number 10 5-Dodecene, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	36.67 ng	340001	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Dodecene, (Z)-	168	C12H24	007206-28-2	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	81
4	4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	72
5	6-Tridecene, (E)-	182	C13H26	006434-76-0	72





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

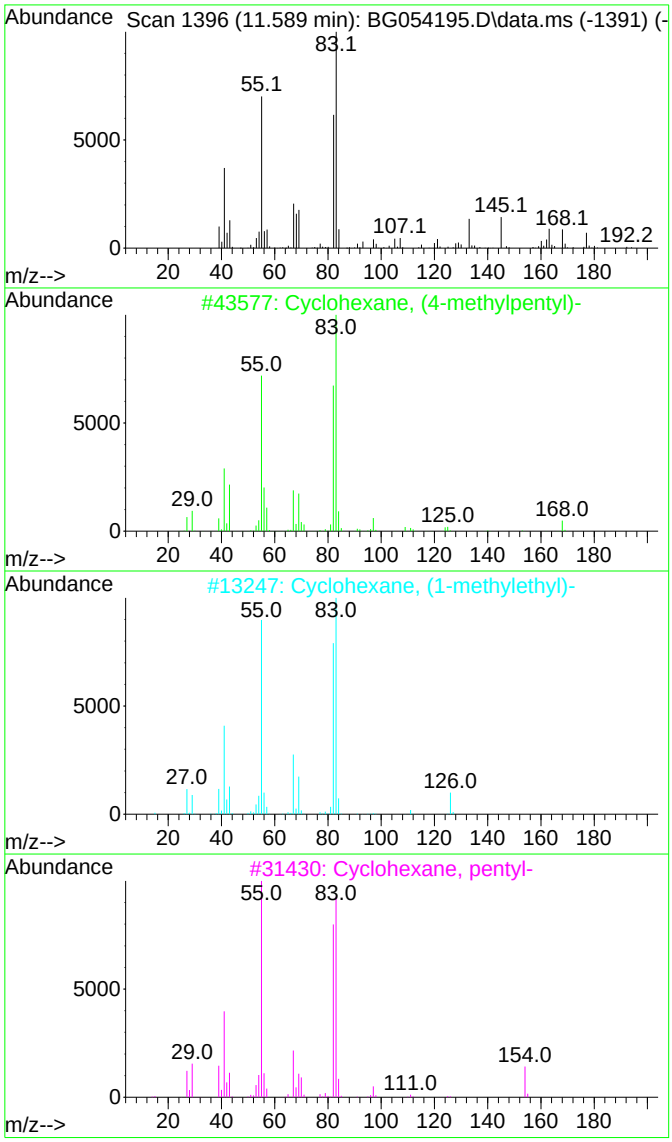
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

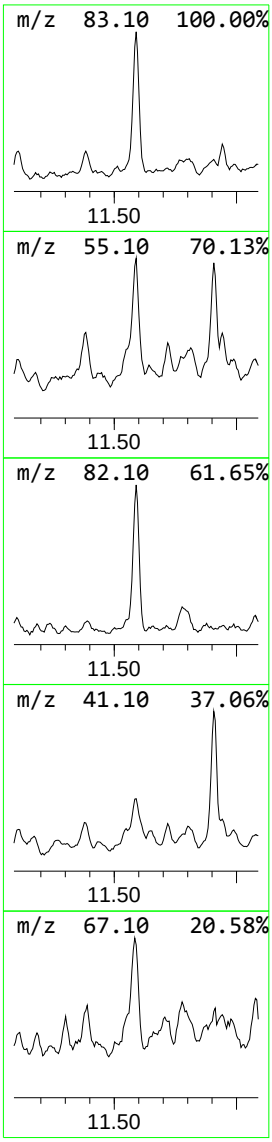
****

Peak Number 11 Cyclohexane, (4-methylpentyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.589	82.08 ng	760989	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59





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Sample : N3564-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

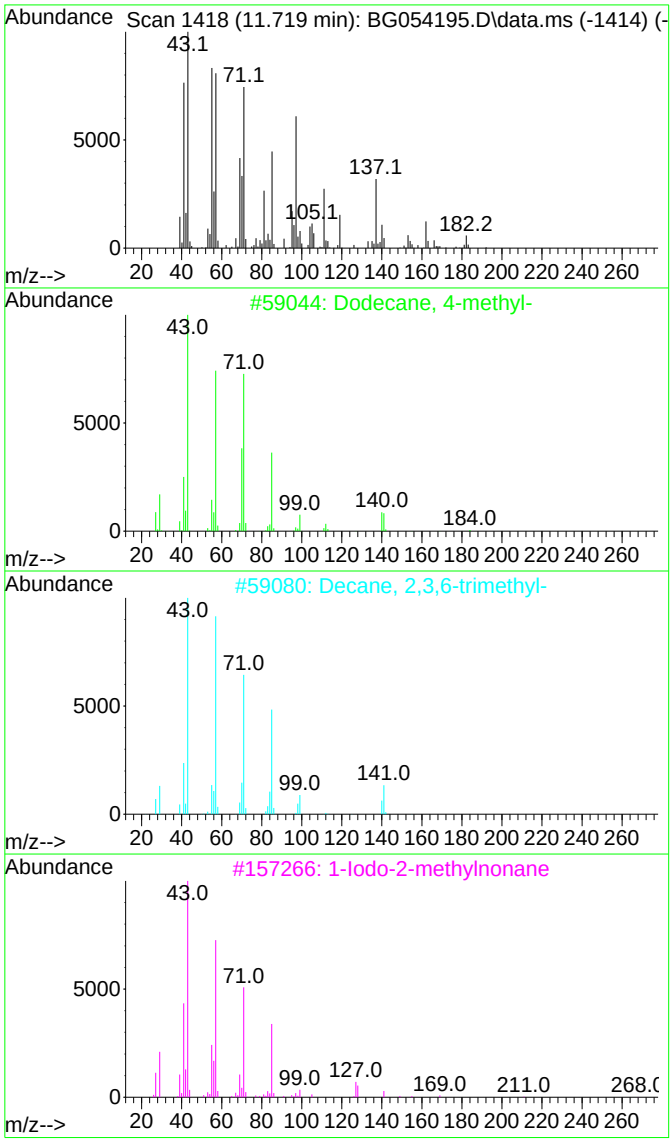
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

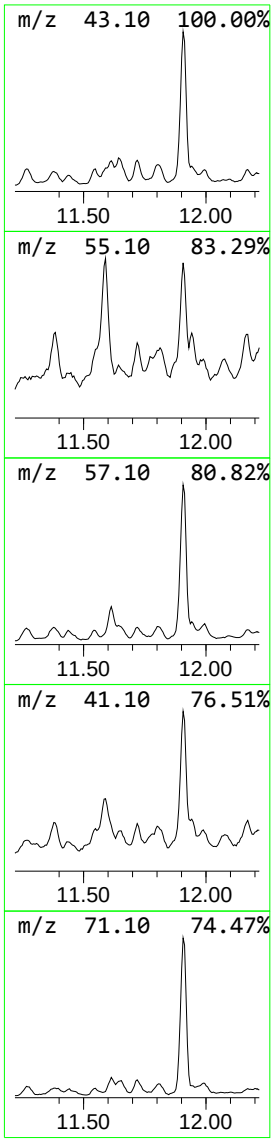
****

Peak Number 12 unknown11.719 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.719	25.64 ng	237685	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	38
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	35
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	35
5	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	25





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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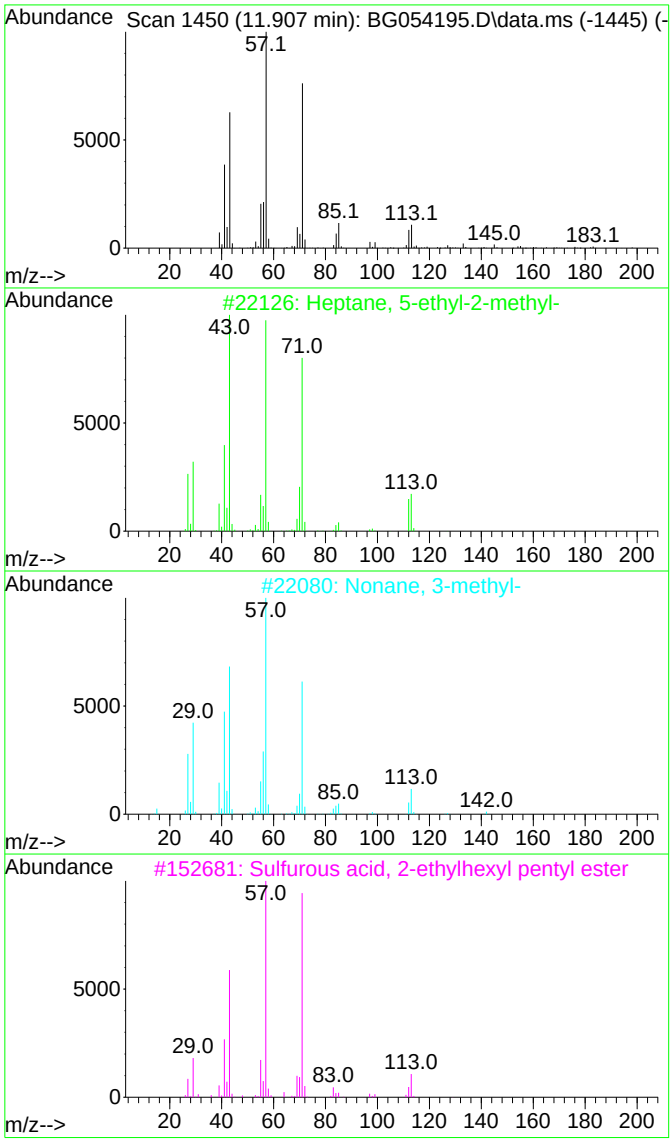
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

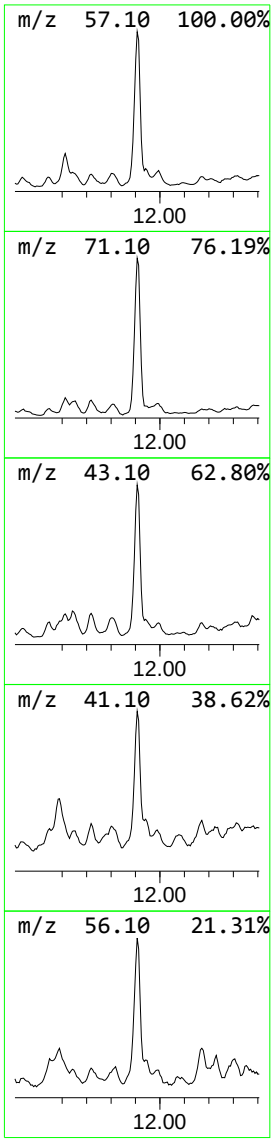
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptane, 5-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.907	146.40 ng	1357220	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64





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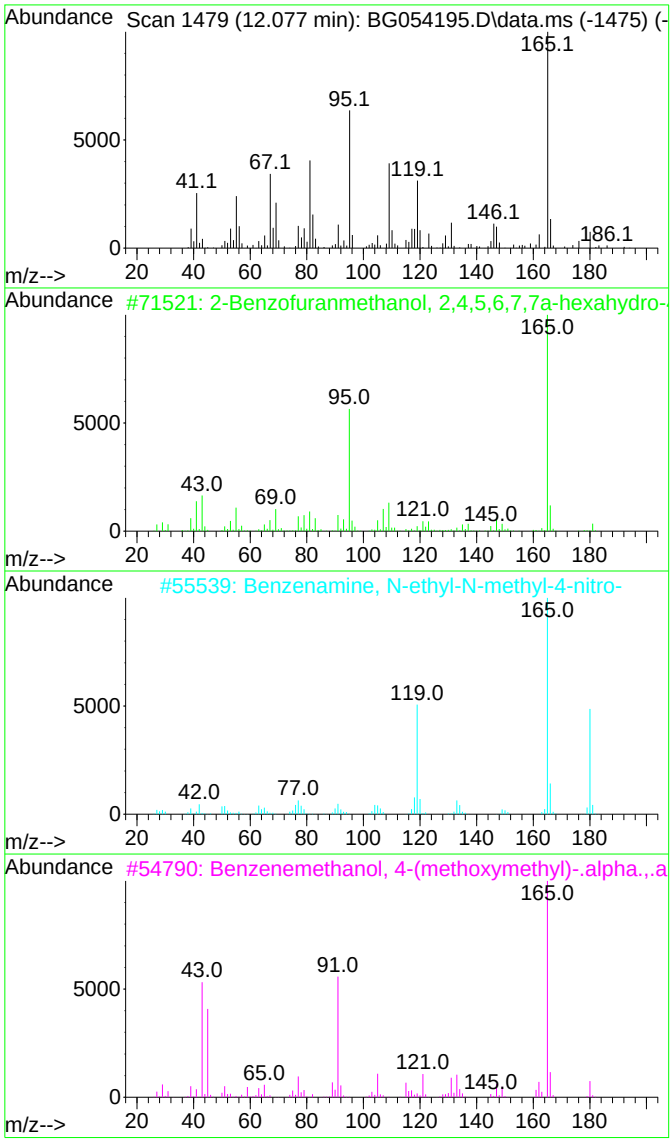
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

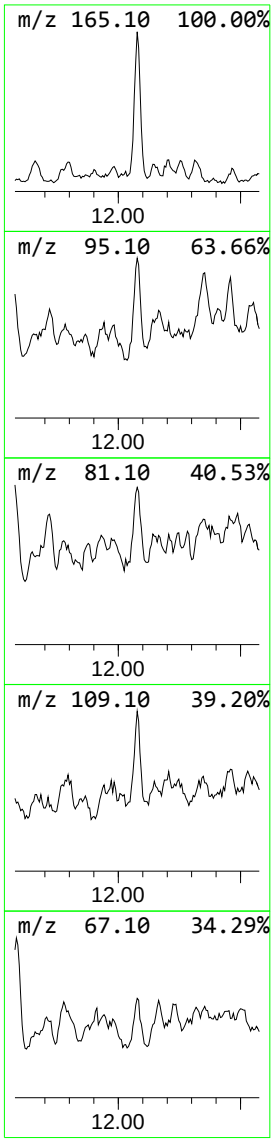
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown12.077 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.077	24.12 ng	223589	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzofuranmethanol, 2,4,5,6,7,...	196	C12H20O2	077384-15-7	47
2	Benzenamine, N-ethyl-N-methyl-4-...	180	C9H12N2O2	056269-48-8	35
3	Benzenemethanol, 4-(methoxymethy...	180	C11H16O2	112766-34-4	27
4	p-(1-Hydroxy-1-methylethyl)benzo...	180	C10H12O3	003609-50-5	27
5	1-(1-Methoxyethyl)-4-methoxymeth...	180	C11H16O2	061145-46-8	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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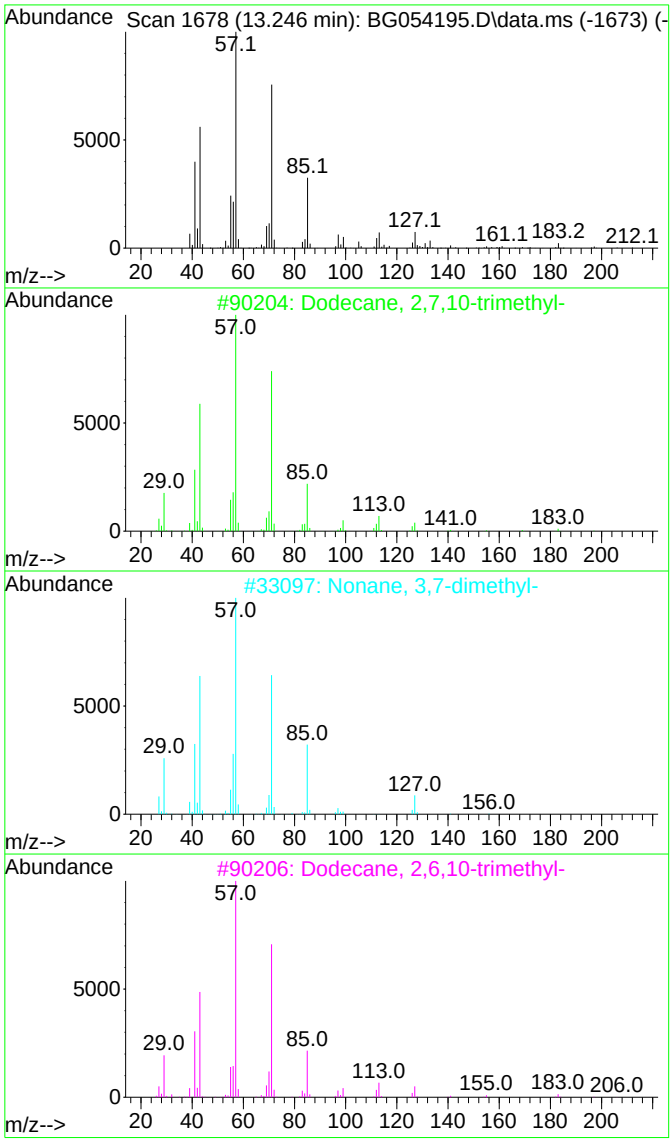
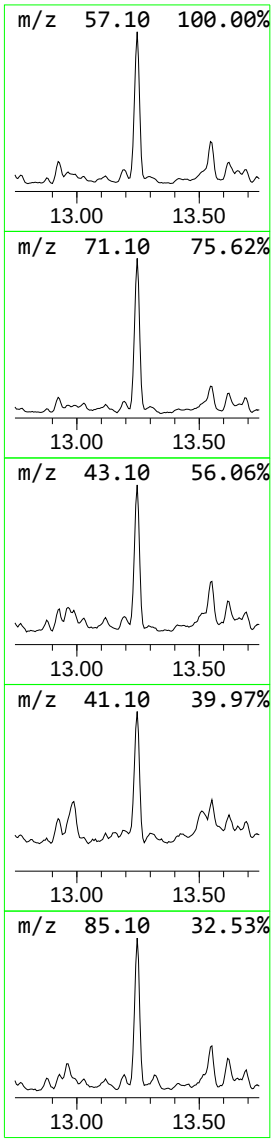
Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.246	59.35 ng	1590450	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	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

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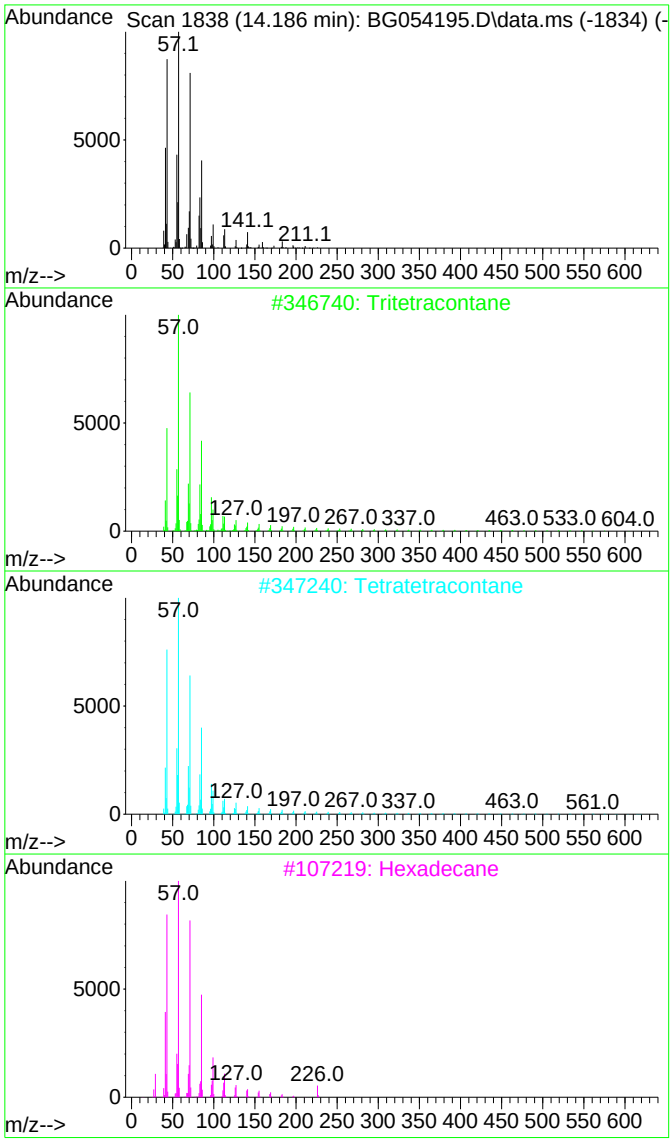
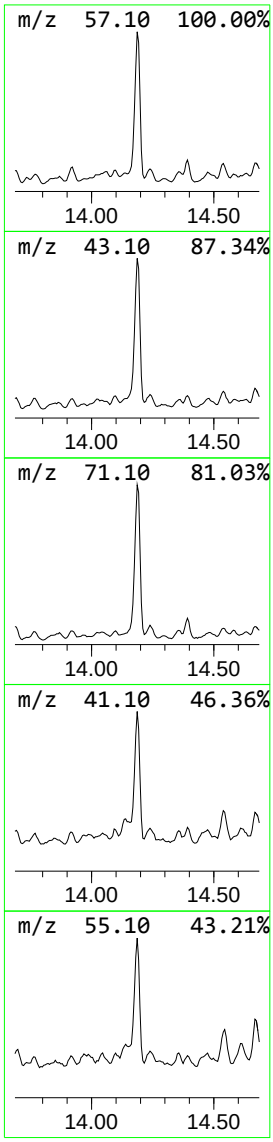
Peak Number 16 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.186	69.25 ng	1855510	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexadecane	226	C16H34	000544-76-3	89
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	89
5	Decane, 5-propyl-	184	C13H28	017312-62-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

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

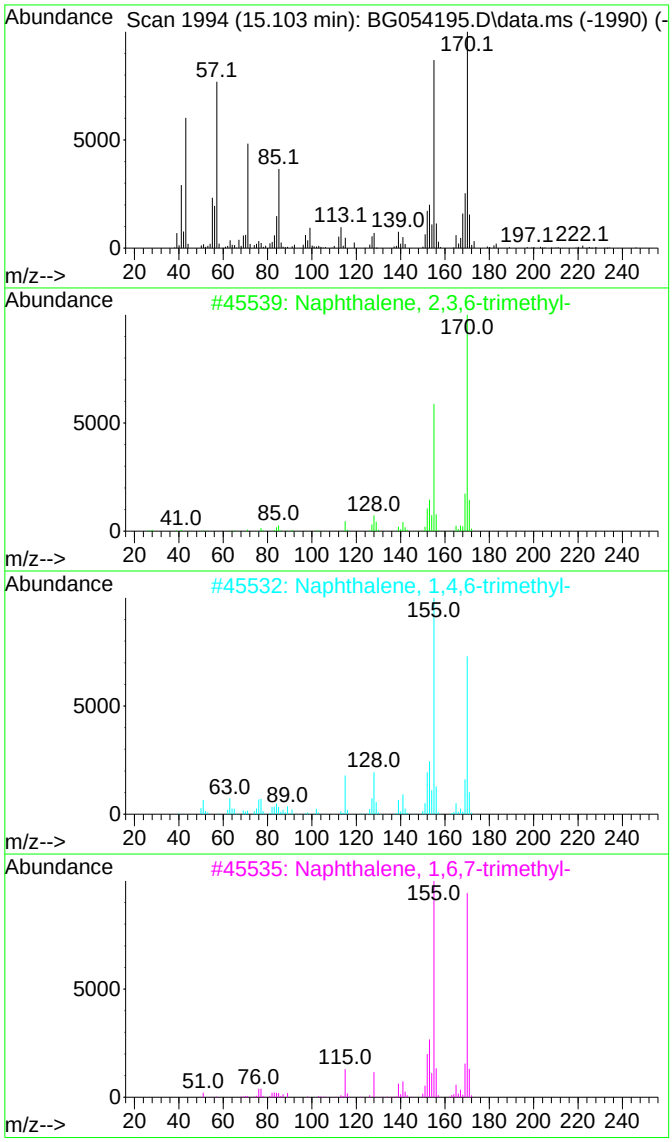
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

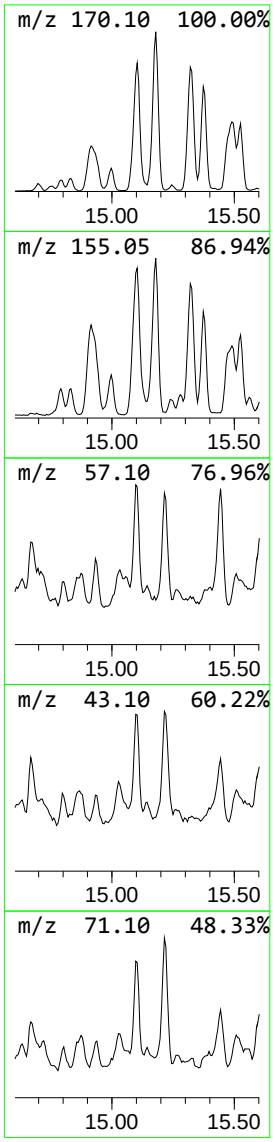
****

Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.103	25.52 ng	683881	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

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

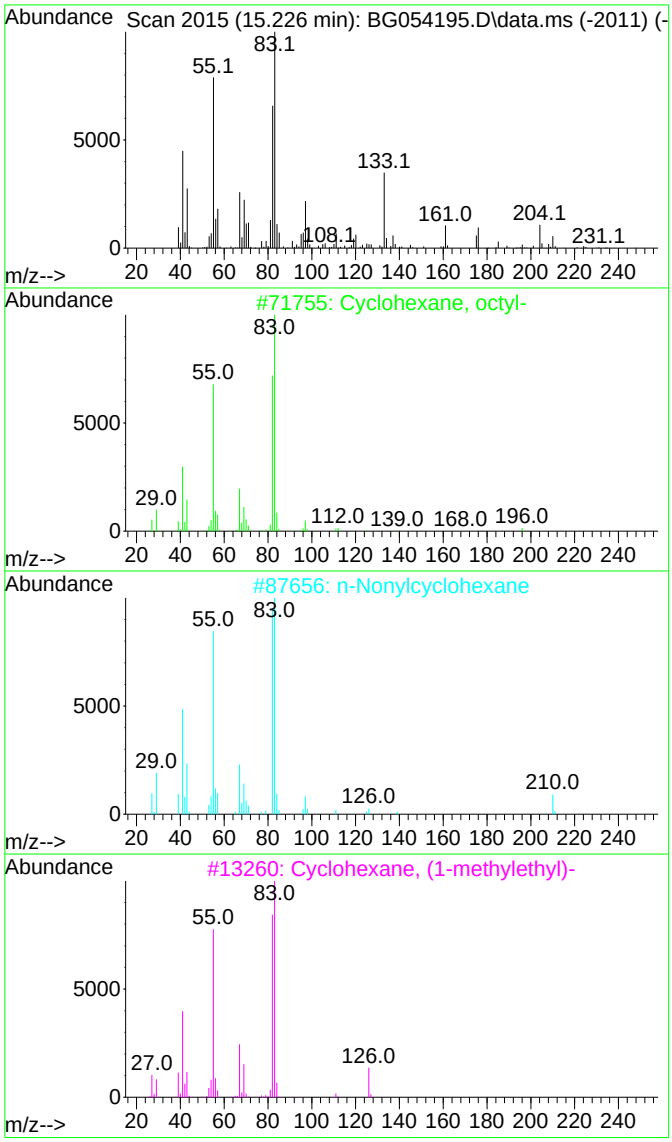
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

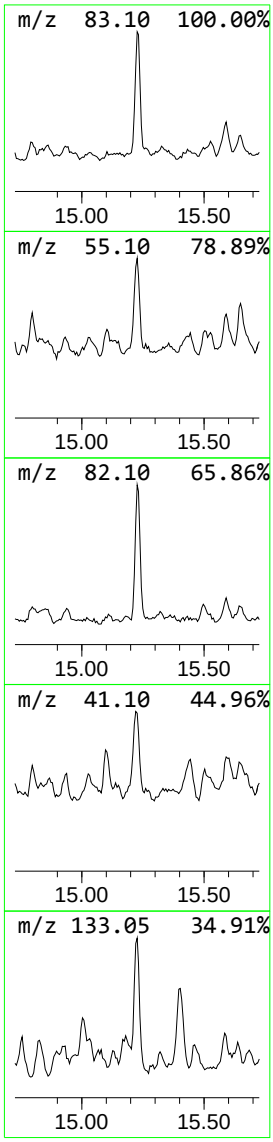
****

Peak Number 18 Cyclohexane, octyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.226	33.19 ng	889467	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
2	n-Nonylcyclohexane	210	C15H30	002883-02-5	52
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	52
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

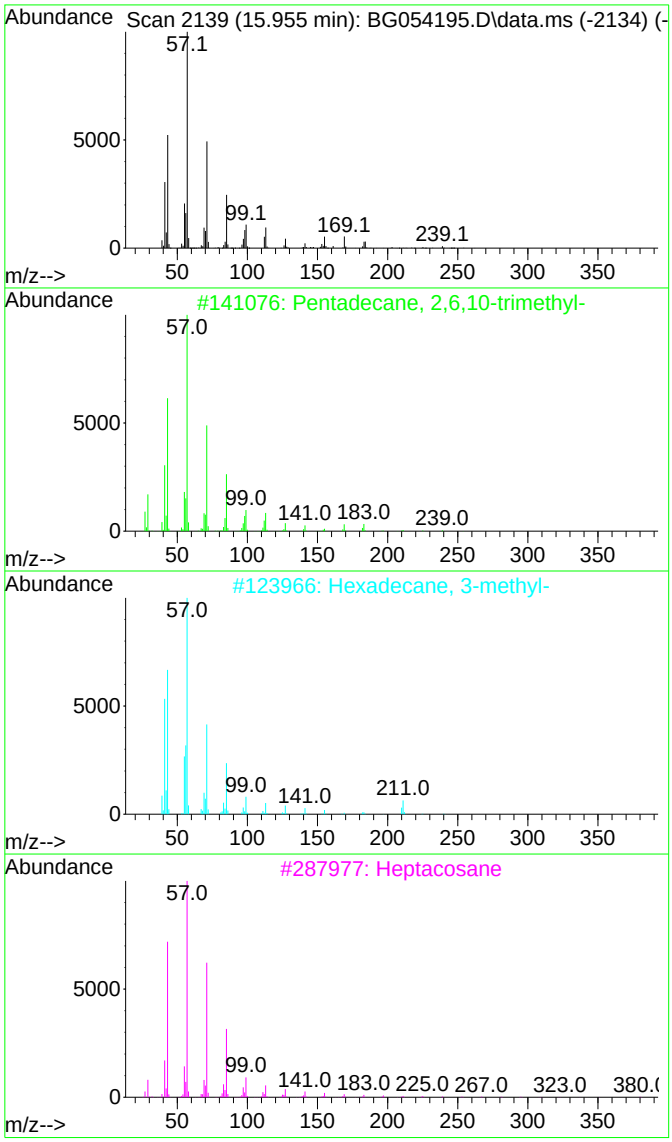
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

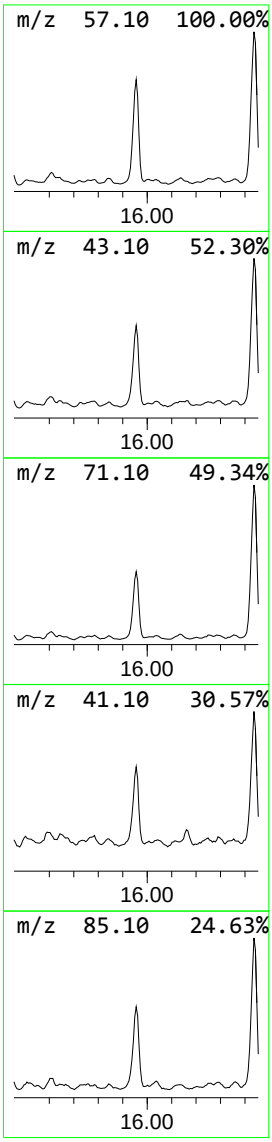
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.955	67.89 ng	1819230	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tridecane	184	C13H28	000629-50-5	76
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

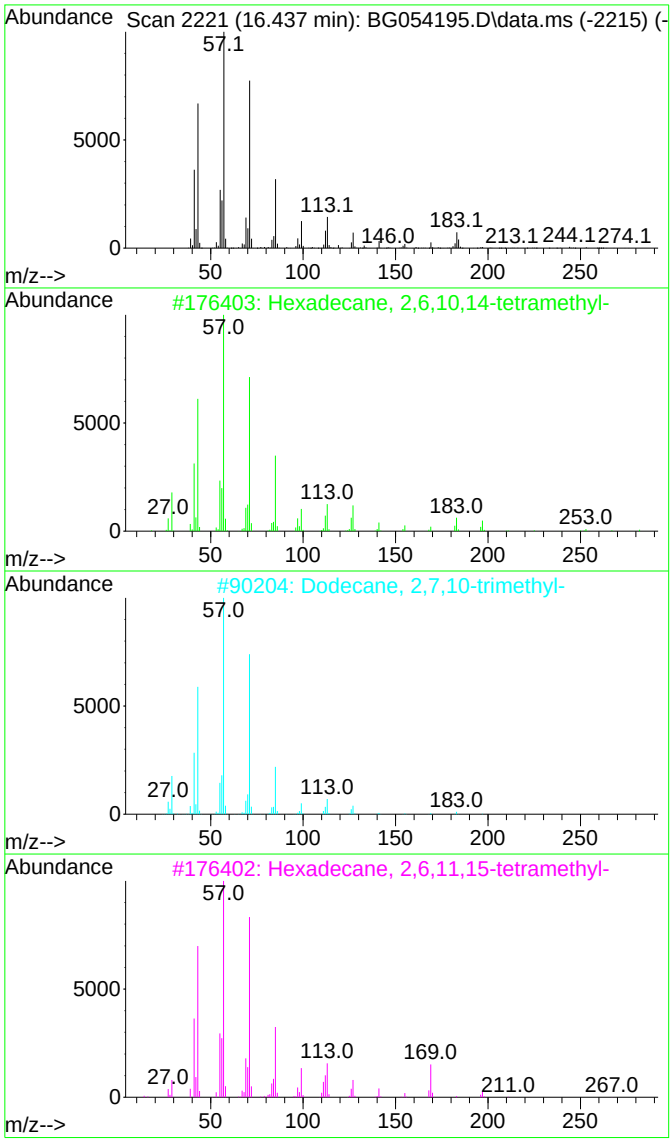
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

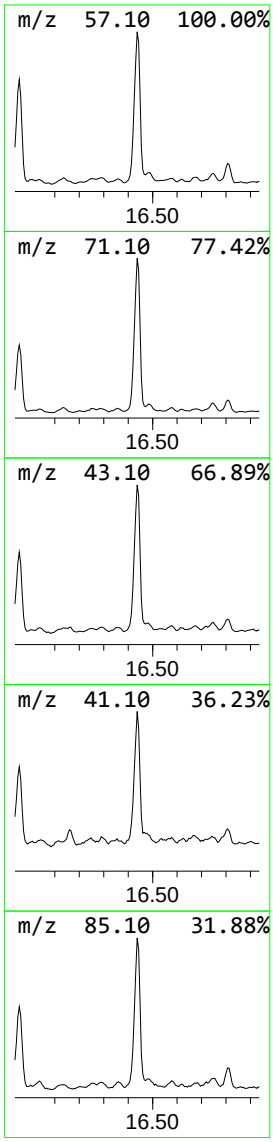
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.437	35.65 ng	3052320	Phenanthrene-d10	17.453

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054195.D
Acq On : 1 Jul 2022 17:36
Operator : CG/JU
Sample : N3564-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-1

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
1-Octanol, 2-bu...	9.551	46.7	ng	432972	2	10.884	185416	20.0
Decane, 3,7-dim...	9.721	41.5	ng	384566	2	10.884	185416	20.0
Cyclohexane, pe...	10.009	47.1	ng	436463	2	10.884	185416	20.0
Naphthalene, de...	10.062	57.1	ng	529366	2	10.884	185416	20.0
Undecane, 6-met...	10.132	50.5	ng	468170	2	10.884	185416	20.0
4-Undecene, 4-m...	10.467	31.4	ng	290857	2	10.884	185416	20.0
Benzene, 1-meth...	10.585	24.3	ng	224899	2	10.884	185416	20.0
Undecane, 2,6-d...	11.043	126.0	ng	1168300	2	10.884	185416	20.0
Benzene, 2,4-di...	11.102	35.0	ng	324294	2	10.884	185416	20.0
5-Dodecene, (Z)-	11.384	36.7	ng	340001	2	10.884	185416	20.0
Cyclohexane, (4...	11.589	82.1	ng	760989	2	10.884	185416	20.0
unknown11.719	11.719	25.6	ng	237685	2	10.884	185416	20.0
Heptane, 5-ethy...	11.907	146.4	ng	1357220	2	10.884	185416	20.0
unknown12.077	12.077	24.1	ng	223589	2	10.884	185416	20.0
Dodecane, 2,7,1...	13.246	59.4	ng	1590450	3	14.703	535926	20.0
Tritetracontane	14.186	69.3	ng	1855510	3	14.703	535926	20.0
Naphthalene, 2,...	15.103	25.5	ng	683881	3	14.703	535926	20.0
Cyclohexane, oc...	15.226	33.2	ng	889467	3	14.703	535926	20.0
Pentadecane, 2,...	15.955	67.9	ng	1819230	3	14.703	535926	20.0
Hexadecane, 2,6...	16.437	35.6	ng	3052320	4	17.453	1712150	20.0