LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

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: BG054198.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.245	138	146	156	rBV2	27056	56694	1.78%	0.182%
2	5.003	266	275	281	rBV2	25133	51609	1.62%	0.166%
3	5.268	315	320	326	rBV2	44122	82045	2.58%	0.264%
4	5.379	332	339	350	rVB	640623	1212632	38.14%	3.895%
5	5.503	355	360	370	rVB3	40447	92093	2.90%	0.296%
6	5.644	376	384	391	rBV	236882	438436	13.79%	1.408%
7	5.873	412	423	428	rBV5	26747	59221	1.86%	0.190%
8	5.943	428	435	444	rVV5	38463	106024	3.33%	0.341%
9	6.025	444	449	454	rVV	64682	132560	4.17%	0.426%
10	6.090	454	460	467	rVV4	46816	110164	3.46%	0.354%
11	6.166	467	473	480	rVB3	31492	61288	1.93%	0.197%
12	6.343	495	503	510	rBV4	97499	248243	7.81%	0.797%
13	6.460	516	523	533	rVB3	48414	122226	3.84%	0.393%
14	6.578	533	543	547	rBV5	84117	279155	8.78%	0.897%
15	6.625	547	551	556	rVV	184144	308499	9.70%	0.991%
16	6.736	556	570	578	rVV2	189257	641318	20.17%	2.060%
17	6.830	581	586	591	rVV2	45492	87544	2.75%	0.281%
18	6.895	591	597	602	rVB4	42696	78286	2.46%	0.251%
19	6.966	602	609	615	rVB3	60181	149487	4.70%	0.480%
20	7.060	615	625	631	rBV4	103960	238646	7.51%	0.767%
21	7.165	639	643	647	rBV4	45111	82269	2.59%	0.264%
22	7.236	647	655	667	rVB4	312800	850867	26.76%	2.733%
23	7.359	668	676	678	rBV3	25002	51392	1.62%	0.165%
24	7.400	678	683	688	rVB4	49179	94688	2.98%	0.304%
25	7.459	688	693	697	rBV5	56858	97944	3.08%	0.315%
26	7.559	706	710	719	rVB5	104473	199593	6.28%	0.641%
27	7.635	719	723	735	rVB6	61014	166372	5.23%	0.534%
28	7.800	747	751	762	rVB5	45228	124308	3.91%	0.399%
29	7.900	762	768	774	rBV4	37173	79929	2.51%	0.257%
30	7.976	774	781	788	rBV10	79409	266527	8.38%	0.856%
31	8.052	788	794	800	rVB2	299978	542104	17.05%	1.741%
32	8.111	800	804	807	rBV	42088	65477	2.06%	0.210%
33	8.217	815	822	824	rBV6	34981	82870	2.61%	0.266%
34	8.264	825	830	834	rVV4	132265	244673	7.69%	0.786%
35	8.329	834	841	844	rVV2	98466	227101	7.14%	0.730%
36	8.364	844	847	853	rVV3	123656	246284	7.75%	0.791%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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Sample : N3564-26
Misc :
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Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

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	8.429	853	858	865	rVB6	103152	220033	6.92%	0.707%
38	8.523	865	874	878	rBV7	39923	114661	3.61%	0.368%
39	8.599	884	887	891	rBV	48954	69769	2.19%	0.224%
40	8.640	891	894	903	rVB7	97821	237726	7.48%	0.764%
41	8.716	903	907	912	rBV4	45494	93520	2.94%	0.300%
42	8.775	912	917	922	rVB4	59160	117082	3.68%	0.376%
43	8.840	923	928	936	rBV7	57878	150064	4.72%	0.482%
44	8.916	936	941	947	rBV2	88616	168036	5.28%	0.540%
45	9.057	957	965	969	rBV7	38547	113428	3.57%	0.364%
46	9.104	970	973	977	rVB3	41917	56533	1.78%	0.182%
47	9.186	977	987	991	rBV3	173167	460006	14.47%	1.478%
48	9.233	991	995	999	rVV	101101	157053	4.94%	0.504%
49	9.345	1011	1014	1018	rVB3	42167	60751	1.91%	0.195%
50	9.398	1018	1023	1024	rBV	90503	124878	3.93%	0.401%
51	9.551	1037	1049	1056	rBV5	90373	312845	9.84%	1.005%
52	9.715	1072	1077	1083	rBV3	110590	193559	6.09%	0.622%
53	9.803	1088	1092	1097	rVB	102261	166046	5.22%	0.533%
54	9.980	1116	1122	1123	rBV6	49650	91296	2.87%	0.293%
55	10.068	1131	1137	1144	rBV7	167485	335111	10.54%	1.076%
56	10.132	1144	1148	1150	rBV2	55688	81343	2.56%	0.261%
57	10.285	1169	1174	1179	rBV4	54908	137140	4.31%	0.441%
58	10.461	1201	1204	1210	rVB7	34380	55822	1.76%	0.179%
59	10.585	1220	1225	1228	rBV4	64883	129118	4.06%	0.415%
60	10.667	1234	1239	1248	rBV9	47885	105046	3.30%	0.337%
61	10.873	1266	1274	1283	rBV5	103476	376107	11.83%	1.208%
62	11.002	1292	1296	1298	rBV3	65026	99622	3.13%	0.320%
63	11.043	1298	1303	1308	rVB	291063	507600	15.96%	1.631%
64	11.102	1308	1313	1322	rBV7	93409	277000	8.71%	0.890%
65	11.261	1335	1340	1343	rBV6	48174	94225	2.96%	0.303%
66	11.378	1356	1360	1366	rVB3	121001	235640	7.41%	0.757%
67	11.584	1385	1395	1403	rVB9	158457	448009	14.09%	1.439%
68	11.654	1404	1407	1412	rVB5	48546	81035	2.55%	0.260%
69	11.719	1414	1418	1424	rVV6	69953	124263	3.91%	0.399%
70	11.801	1428	1432	1439	rVB7	85557	192733	6.06%	0.619%
71	11.907	1445	1450	1453	rBV	279991	449937	14.15%	1.445%
72	12.083	1474	1480	1486	rVB6	87203	201093	6.32%	0.646%
73	12.165	1490	1494	1498	rVV3	99471	161773	5.09%	0.520%
74	12.512	1548	1553	1559	rVB2	214311	441166	13.87%	1.417%
75	13.064	1643	1647	1654	rBV10	75034	145457	4.57%	0.467%
76	13.241	1673	1677	1683	rVB	493099	780752	24.55%	2.508%

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Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

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

77	13.323	1686	1691	1702	rVB	460076	861889	27.11%	2.769%
78	13.523	1719	1725	1727	rBV6	142277	285910	8.99%	0.918%
79	13.763	1763	1766	1772	rVB6	104966	157882	4.97%	0.507%
80	14.028	1808	1811	1816	rVB2	183787	311083	9.78%	0.999%
81	14.134	1826	1829	1833	rBV2	144779	234386	7.37%	0.753%
82	14.186	1833	1838	1842	rVB	650718	939911	29.56%	3.019%
83	14.392	1870	1873	1877	rBV3	100681	143408	4.51%	0.461%
84	14.539	1894	1898	1904	rVB2	289028	472767	14.87%	1.519%
85	14.674	1917	1921	1923	rBV2	240686	354922	11.16%	1.140%
86	15.103	1991	1994	1999	rVB	349058	485910	15.28%	1.561%
87	15.226	2011	2015	2026	rVB6	370188	726360	22.84%	2.333%
88	15.326	2027	2032	2036	rBV	338396	636588	20.02%	2.045%
89	15.961	2135	2140	2146	rVB	931063	1592492	50.08%	5.115%
90	16.202	2178	2181	2186	rVB2	339188	457710	14.39%	1.470%
91	16.443	2216	2222	2227	rBV	1722705	2748933	86.45%	8.830%
92	17.265	2358	2362	2372	rVB	1772835	3179666	100.00%	10.214%
93	17.876	2462	2466	2471	rBV2	756474	1195242	37.59%	3.839%

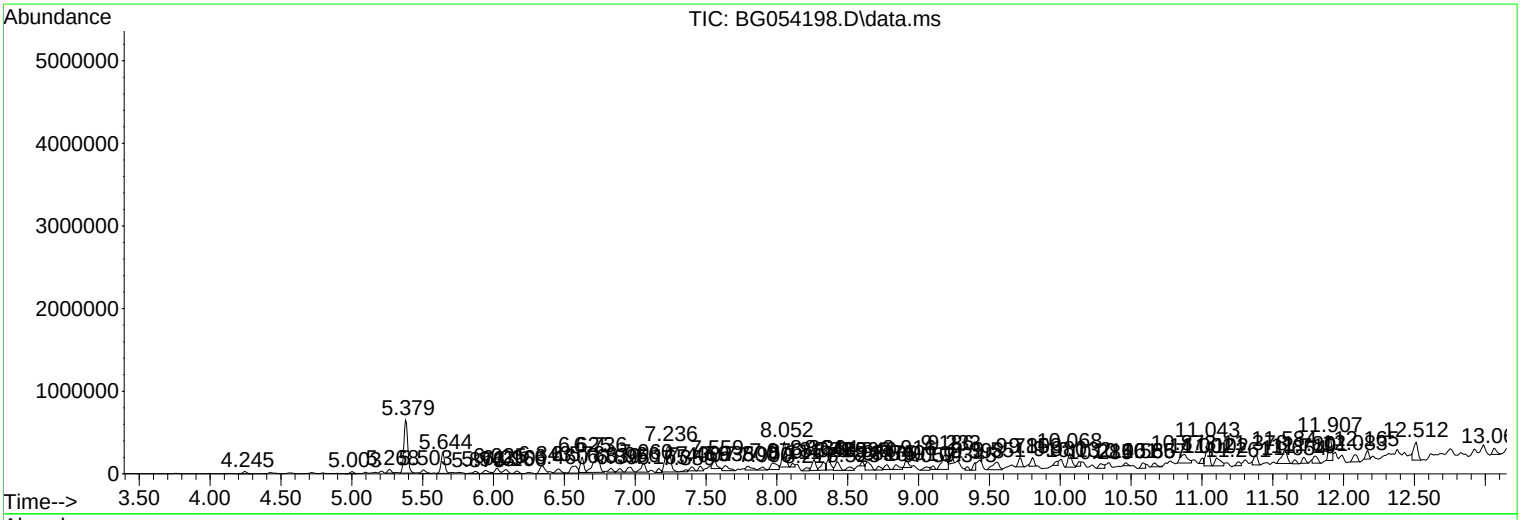
Sum of corrected areas: 31130905

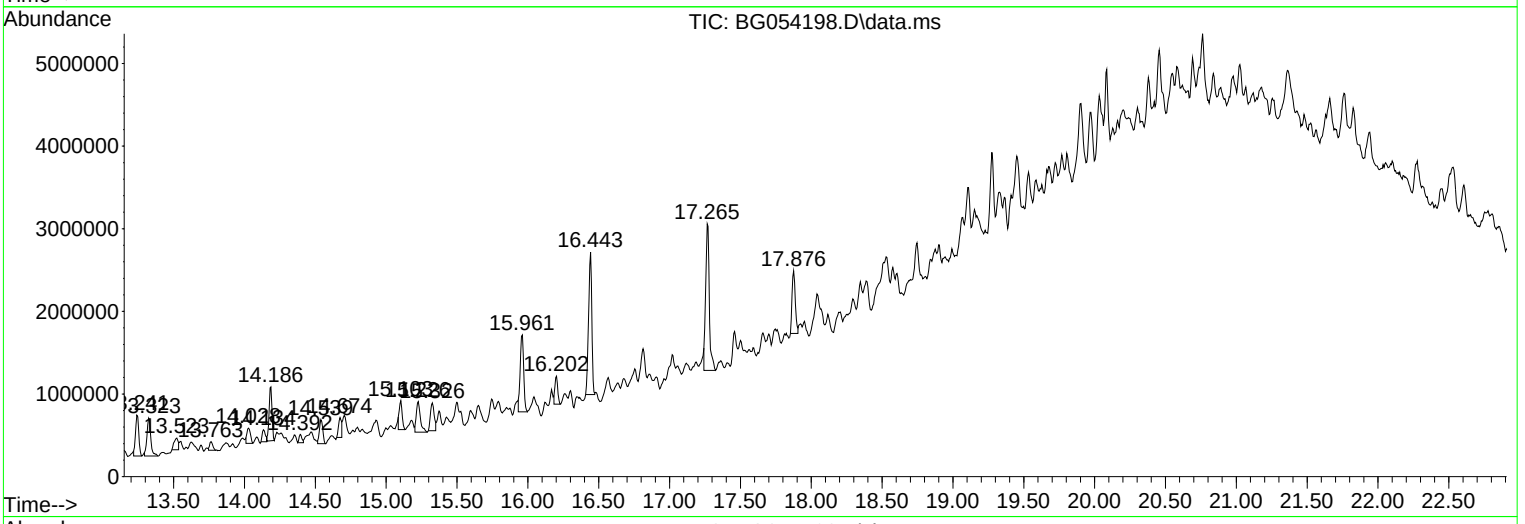
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

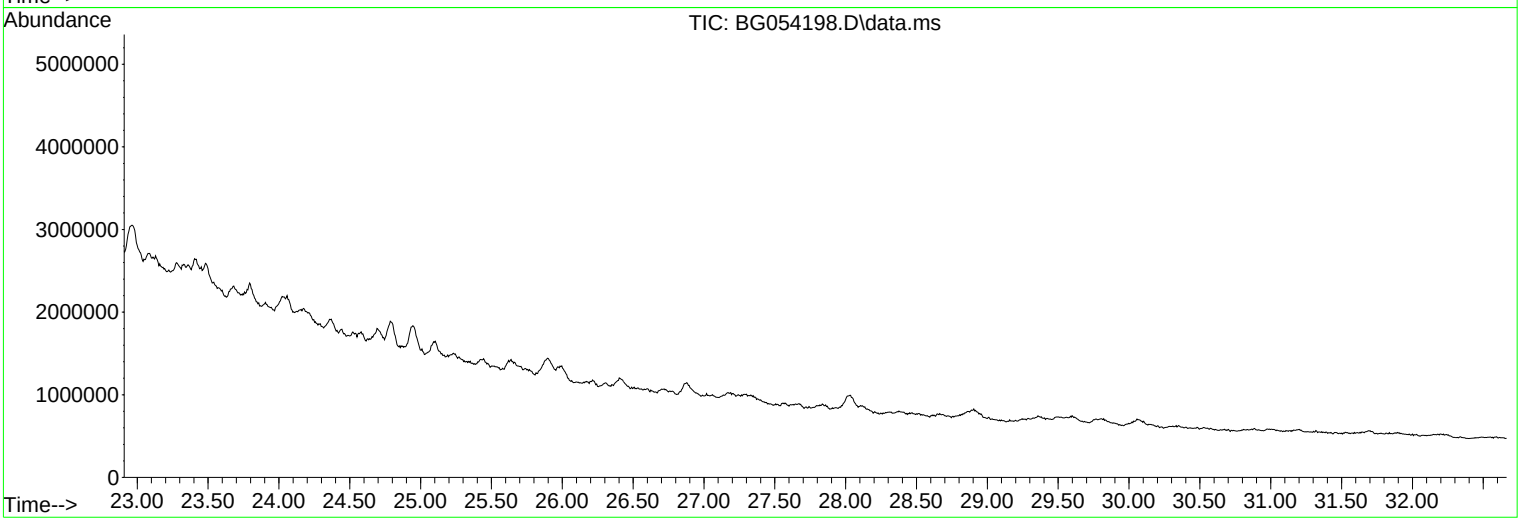
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

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 : BG054198.D
Acq On : 1 Jul 2022 19:35
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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

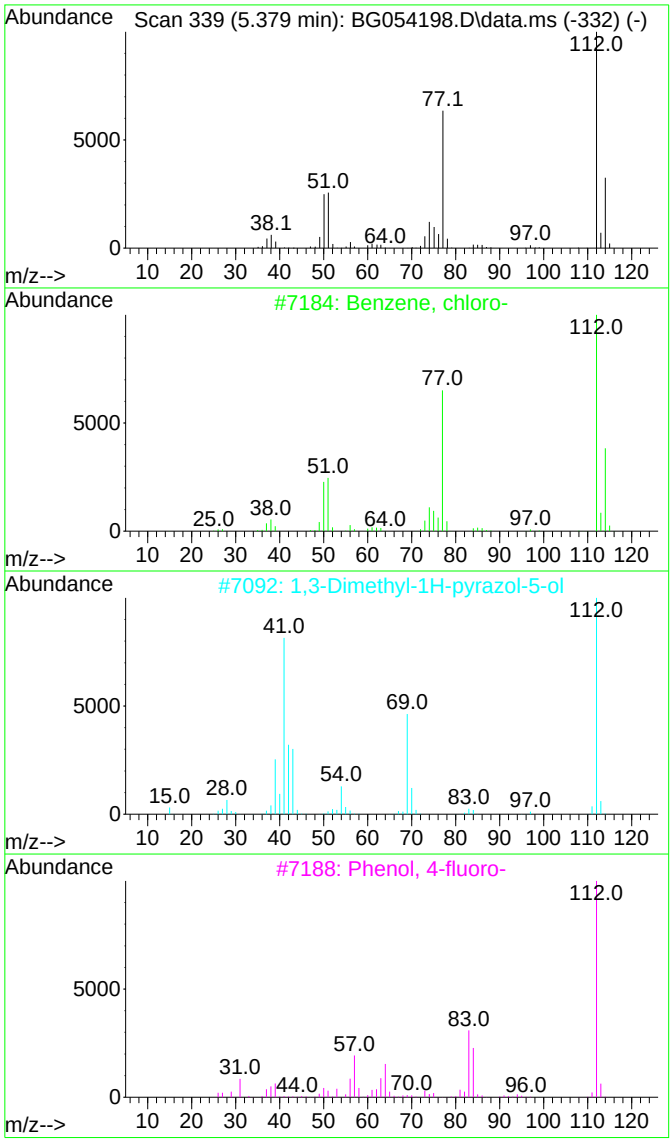
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

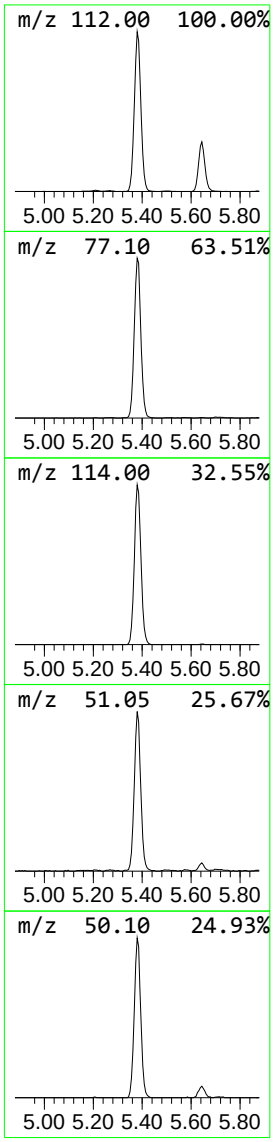
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.379	44.74 ng	1212630	1,4-Dichlorobenzene-d4	8.076

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2	1,3-Dimethyl-1H-pyrazol-5-ol	112	C5H8N2O	005203-77-0	16
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	16
4	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	12
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
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Sample : N3564-26
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ALS Vial : 15 Sample Multiplier: 1

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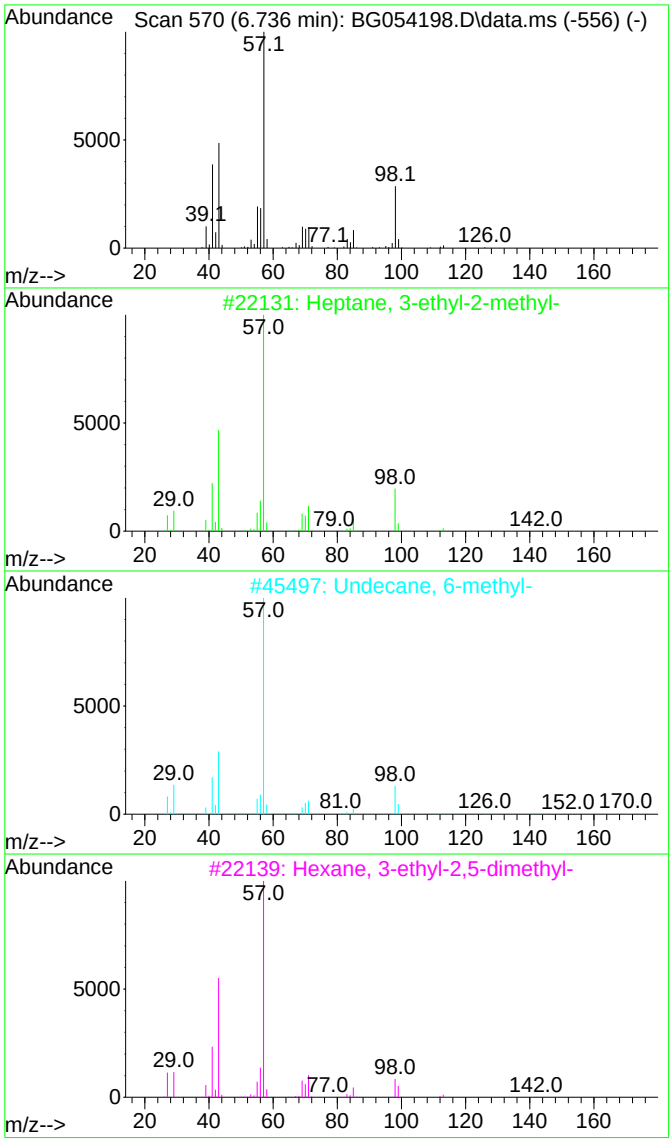
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

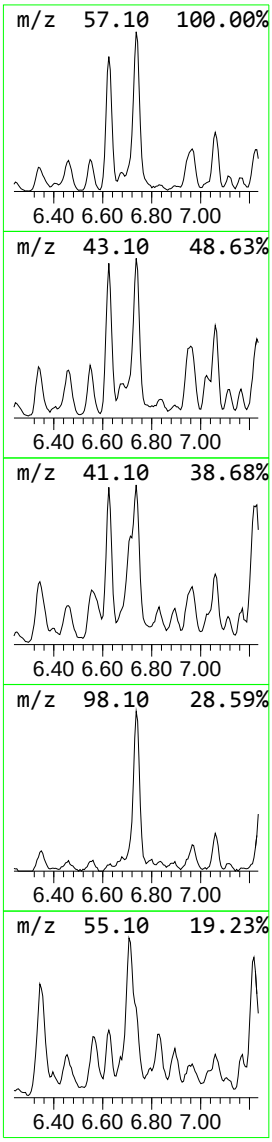
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane, 3-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.736	23.66 ng	641318	1,4-Dichlorobenzene-d4	8.076

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
4	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	50
5	Octane, 3-methyl-	128	C9H20	002216-33-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
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Sample : N3564-26
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ALS Vial : 15 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

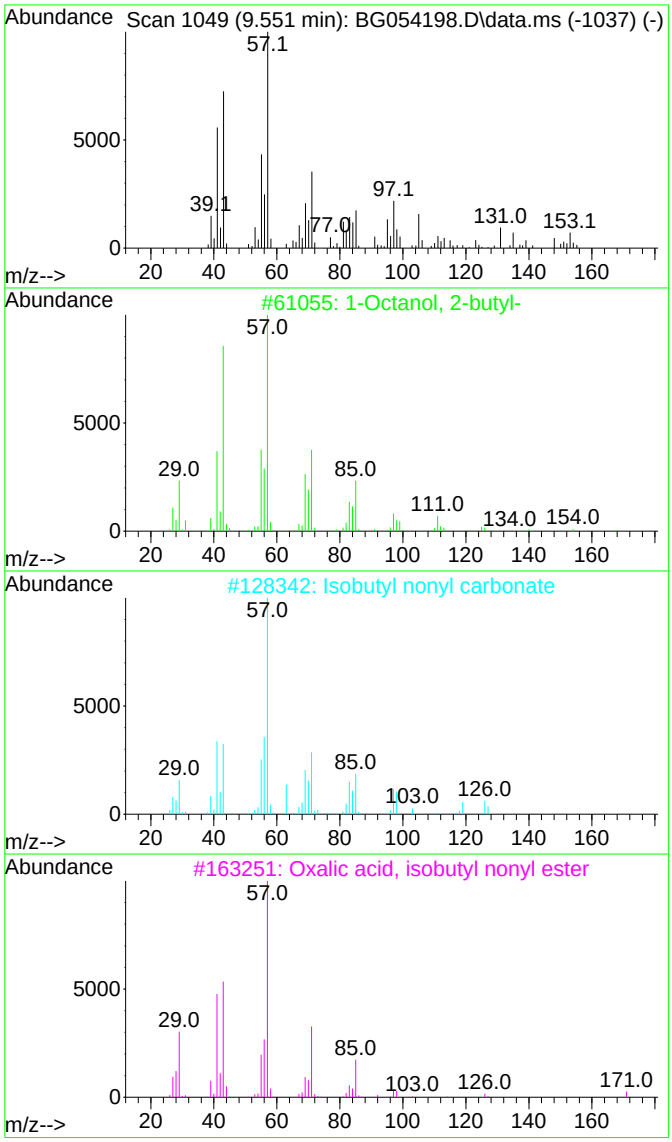
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

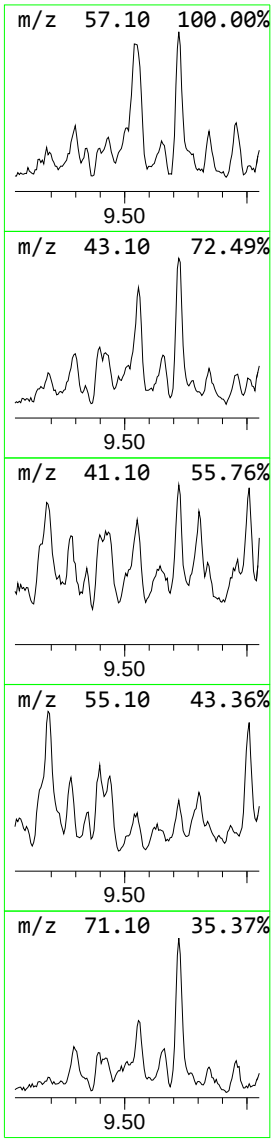
****

Peak Number 3 1-Octanol, 2-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	16.64 ng	312845	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
2	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	50
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
5	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-16-2-4

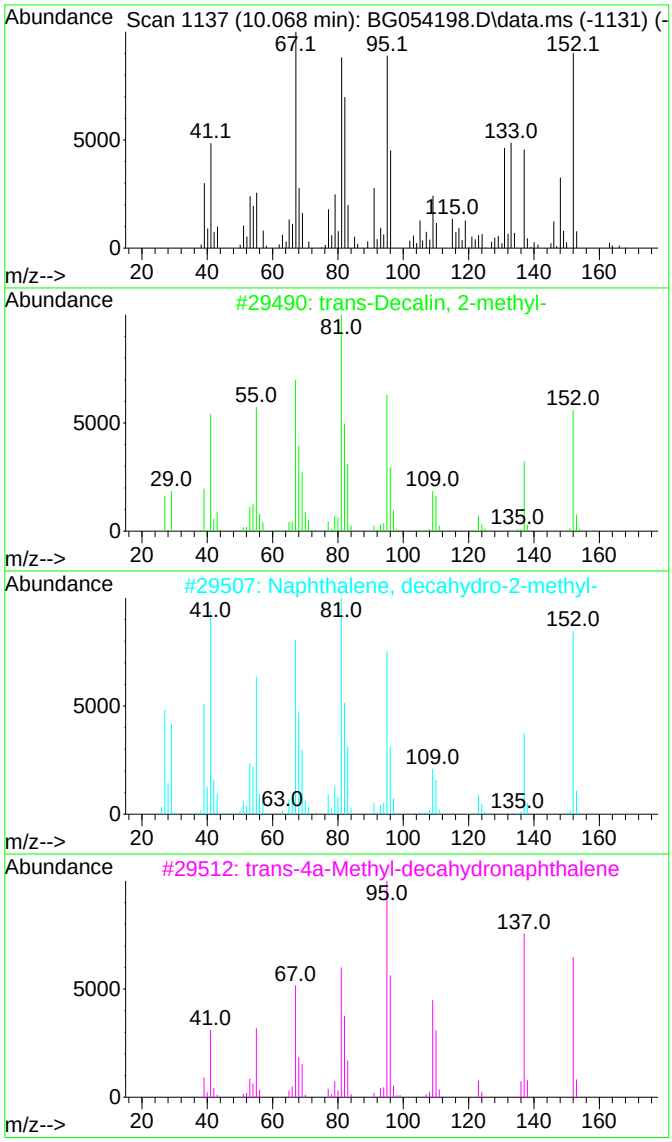
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

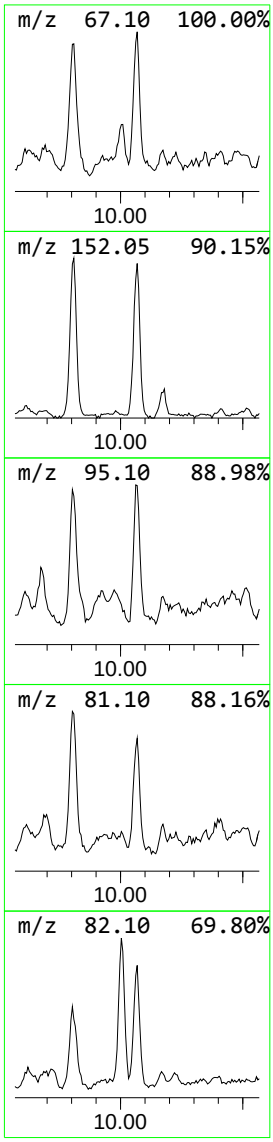
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.068	17.82 ng	335111	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	52
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52
5	5-Dodecyne	166	C12H22	019780-12-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 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

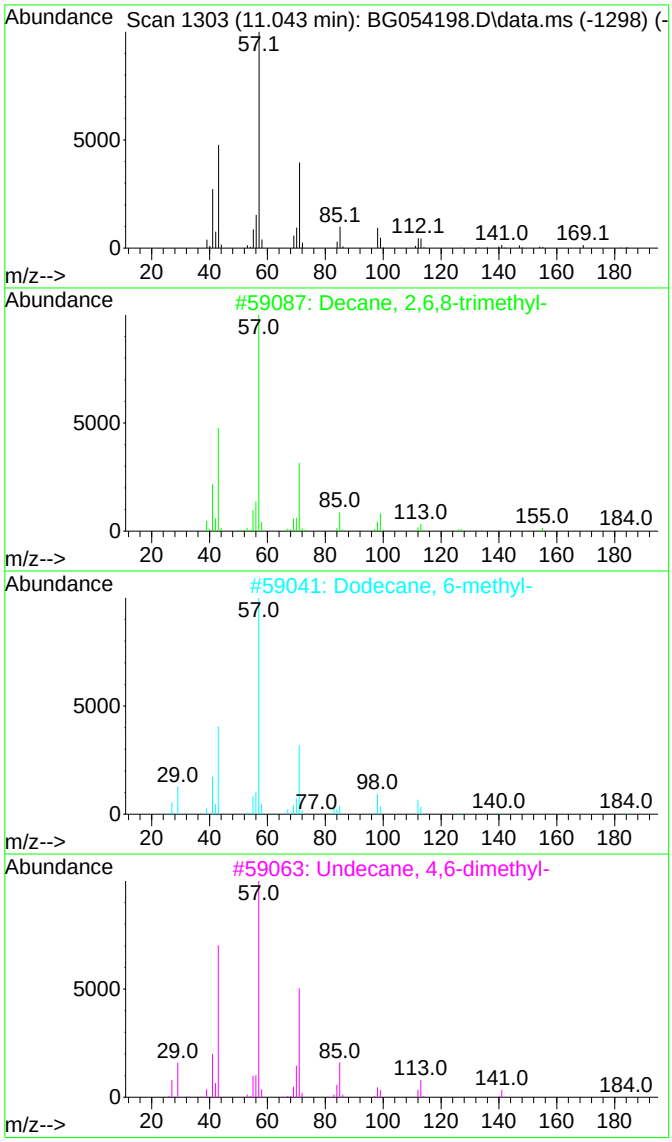
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

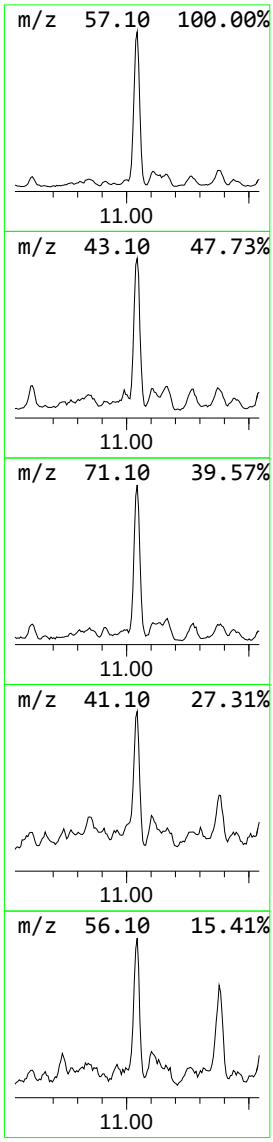
****

Peak Number 5 Decane, 2,6,8-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.043	26.99 ng	507600	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83





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Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
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Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

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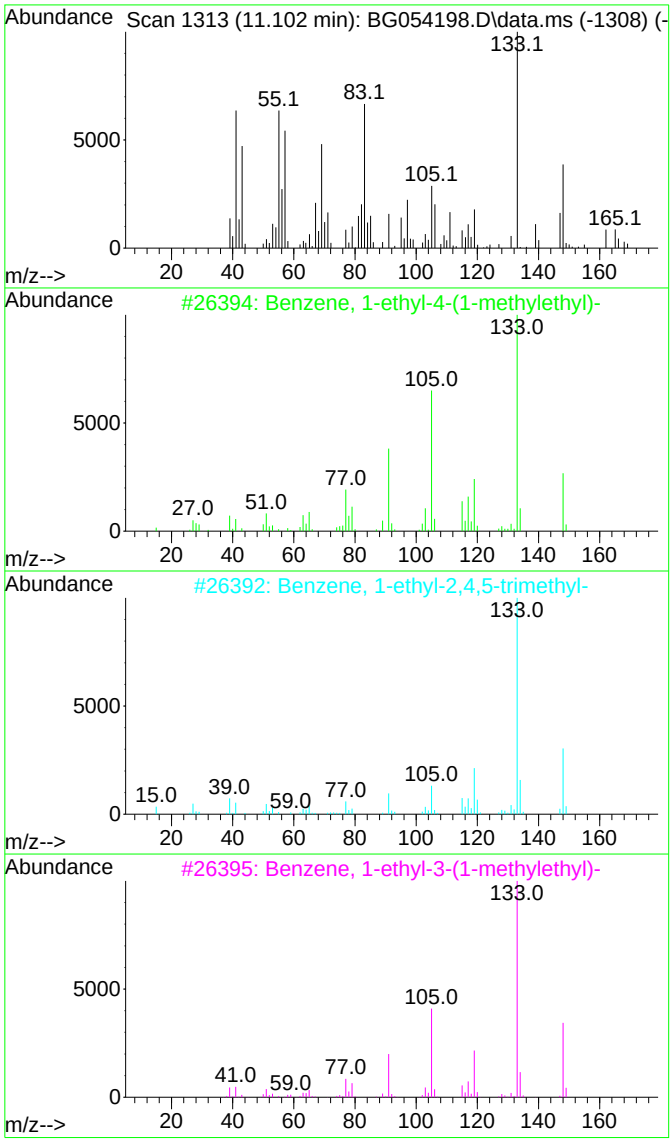
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

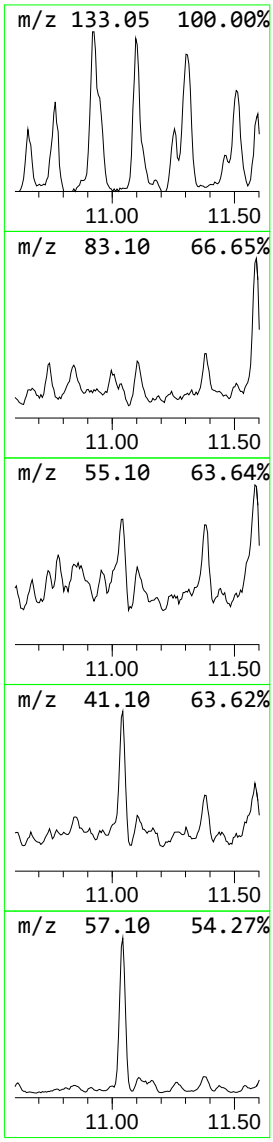
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.102	14.73 ng	277000	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	43
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	43
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38





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ClientSampleId :
WC-16-2-4

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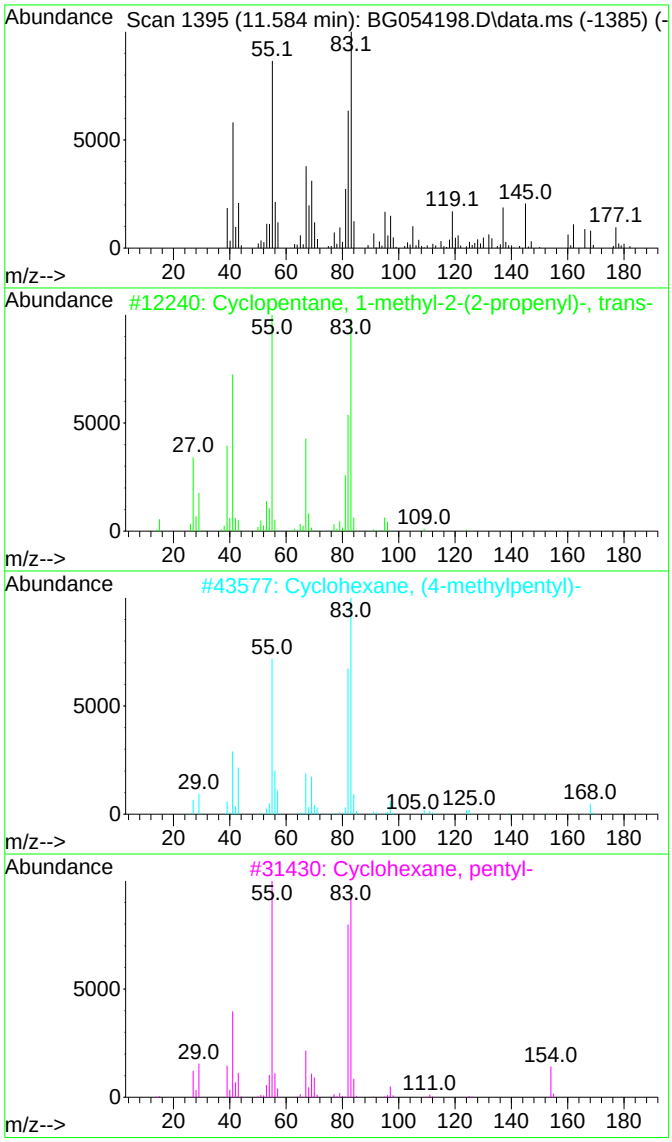
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

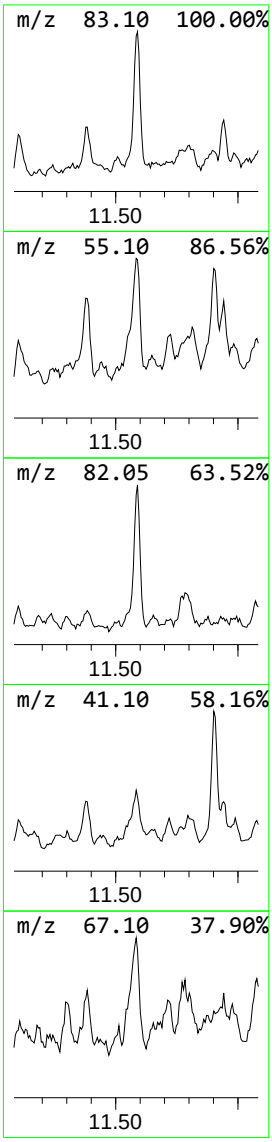
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1-methyl-2-(2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.584	23.82 ng	448009	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	47





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

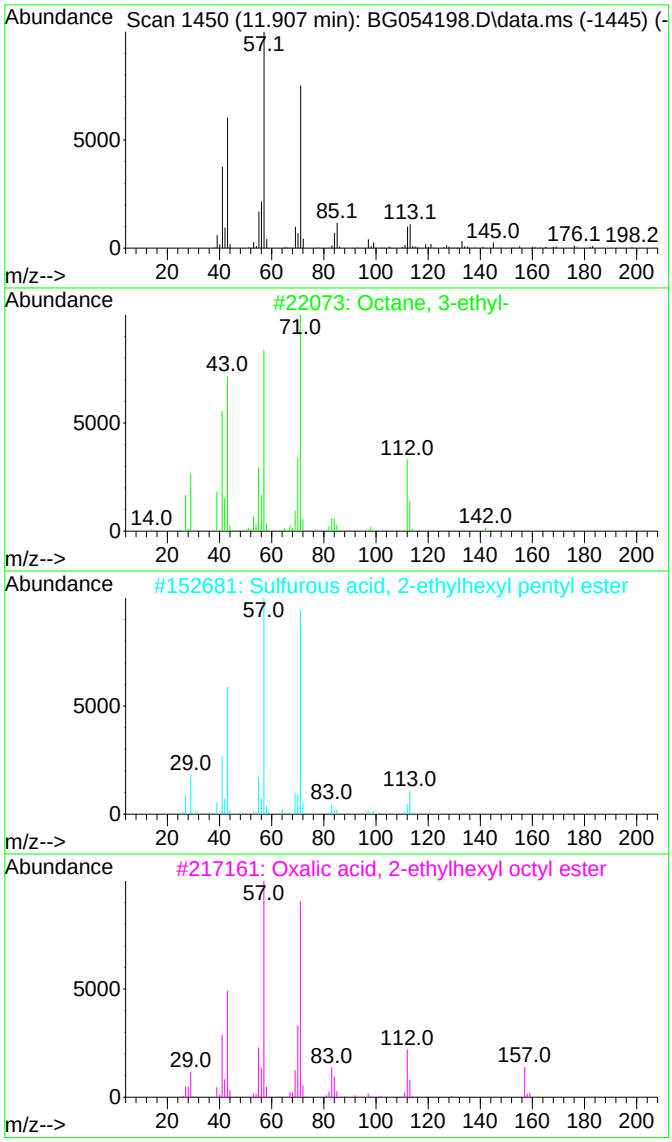
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

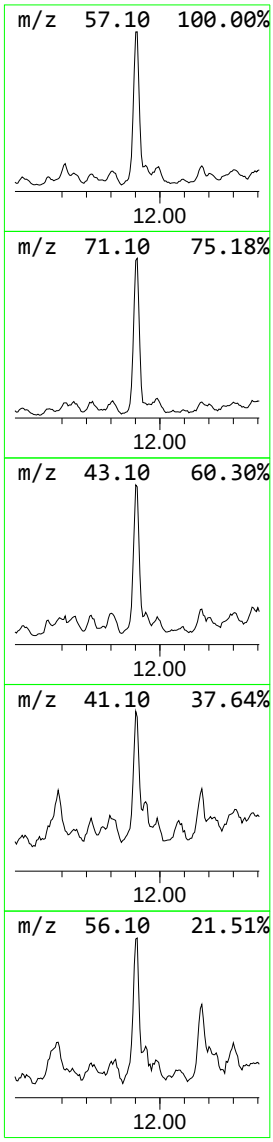
****

Peak Number 8 Octane, 3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.907	23.93 ng	449937	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	72
2	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
3	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64





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

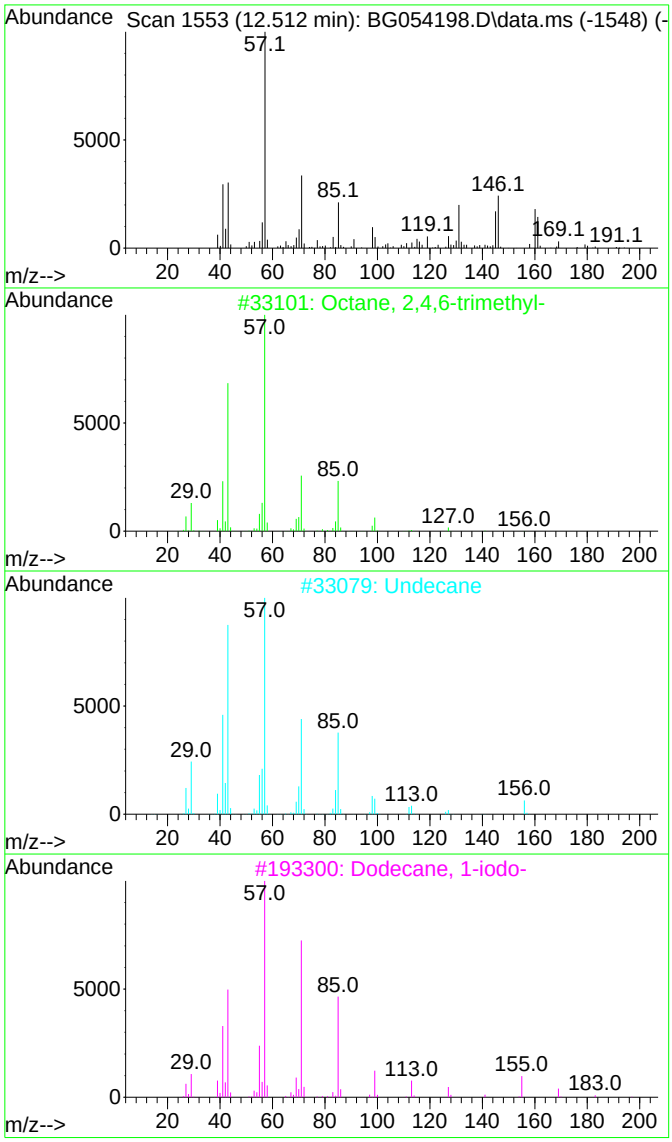
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

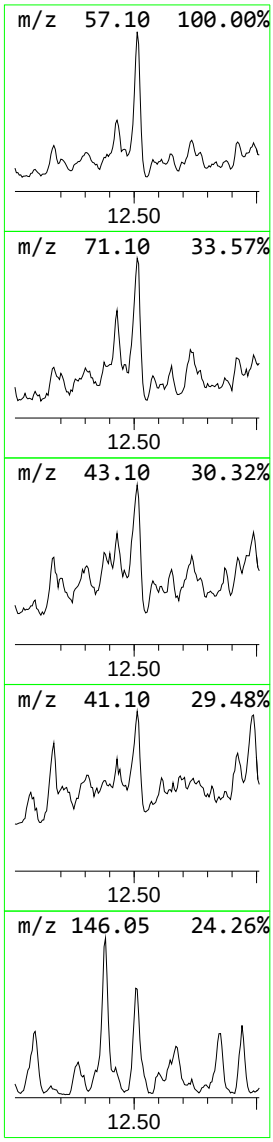
****

Peak Number 9 unknown12.512 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.512	23.46 ng	441166	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	27
2	Undecane	156	C11H24	001120-21-4	27
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	22
5	Pentadecane	212	C15H32	000629-62-9	22





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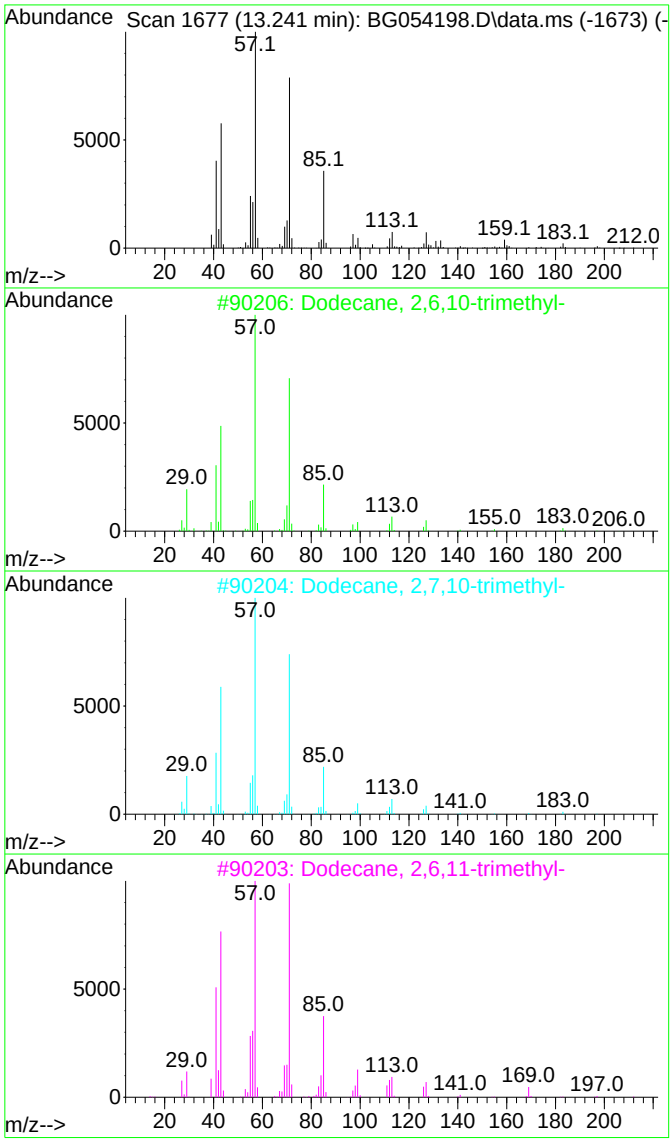
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

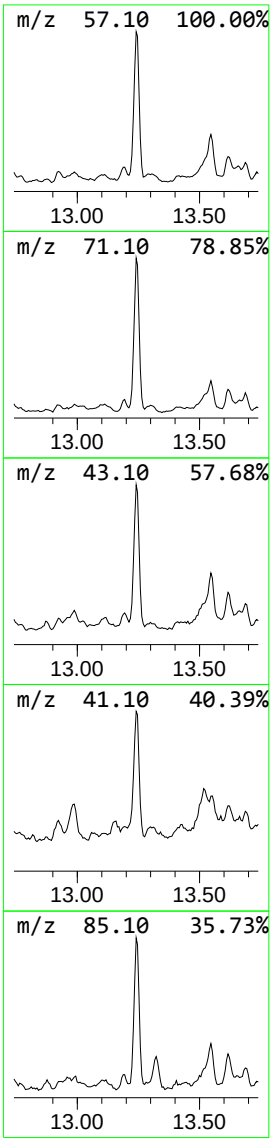
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.241	44.00 ng	780752	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
4	Decane, 5-propyl-	184	C13H28	017312-62-8	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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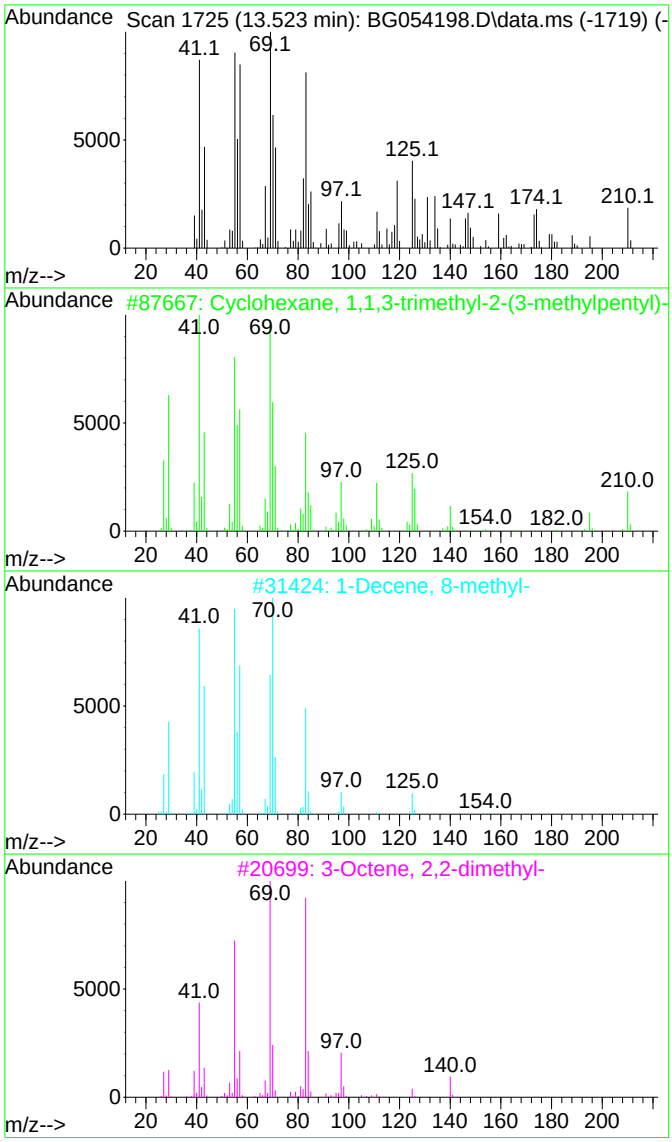
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

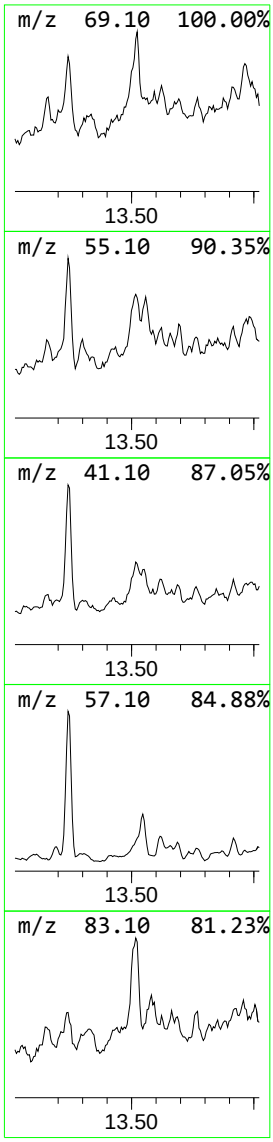
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1,1,3-trimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.523	16.11 ng	285910	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-2-(...	210	C15H30	054965-05-8	86
2	1-Decene, 8-methyl-	154	C11H22	061142-79-8	64
3	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	49
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	49
5	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	43





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ALS Vial : 15 Sample Multiplier: 1

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

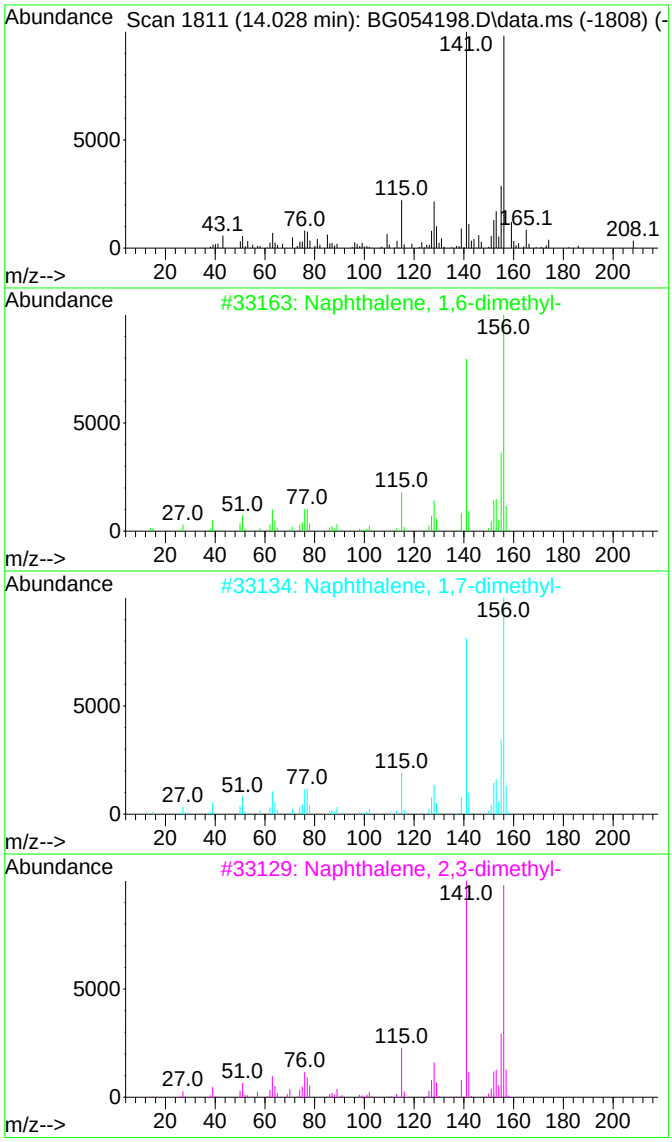
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

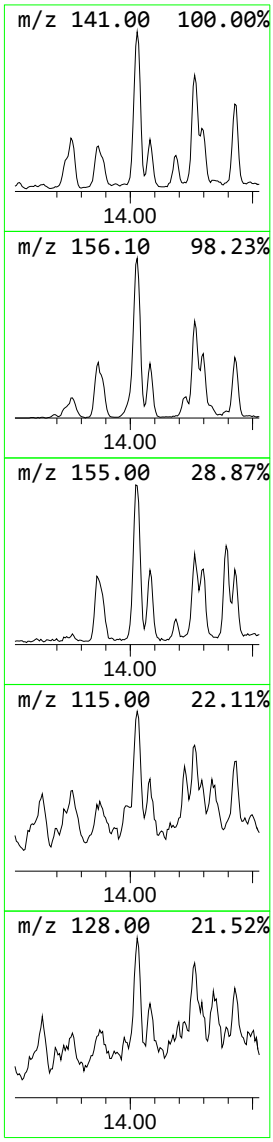
****

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.028	17.53 ng	311083	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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

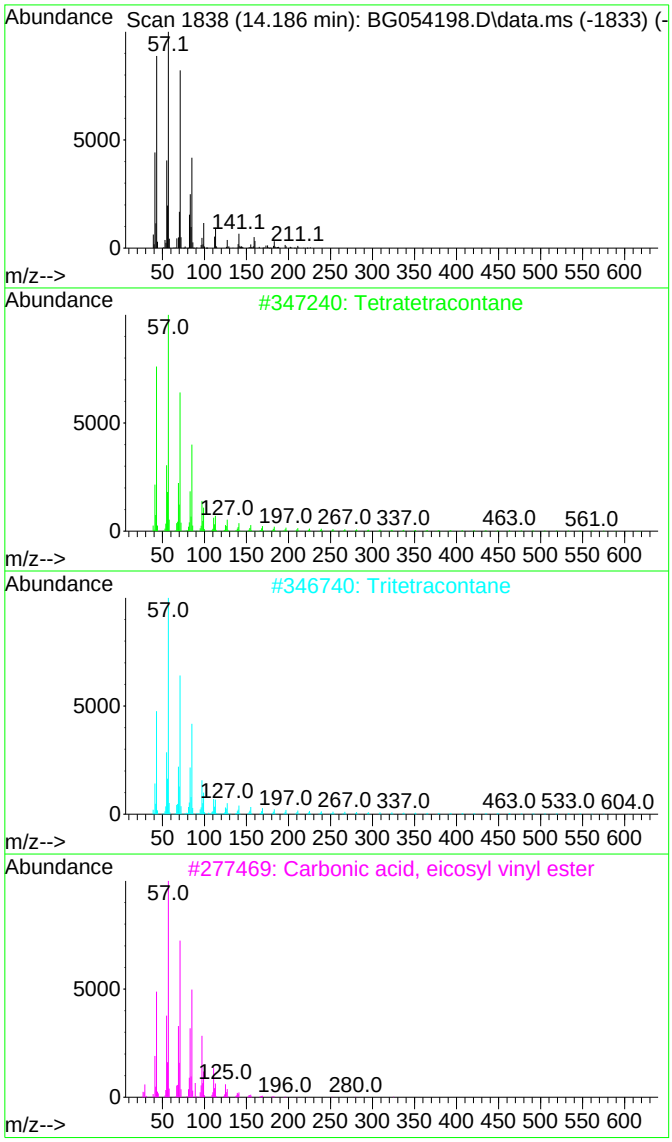
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

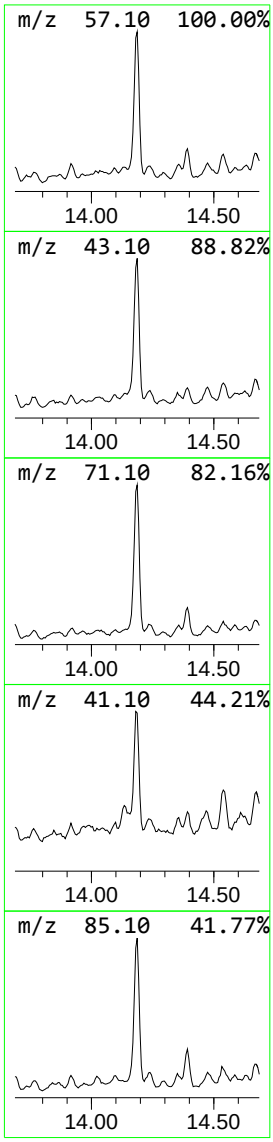
****

Peak Number 13 Tetratetracontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.187	52.96 ng	939911	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

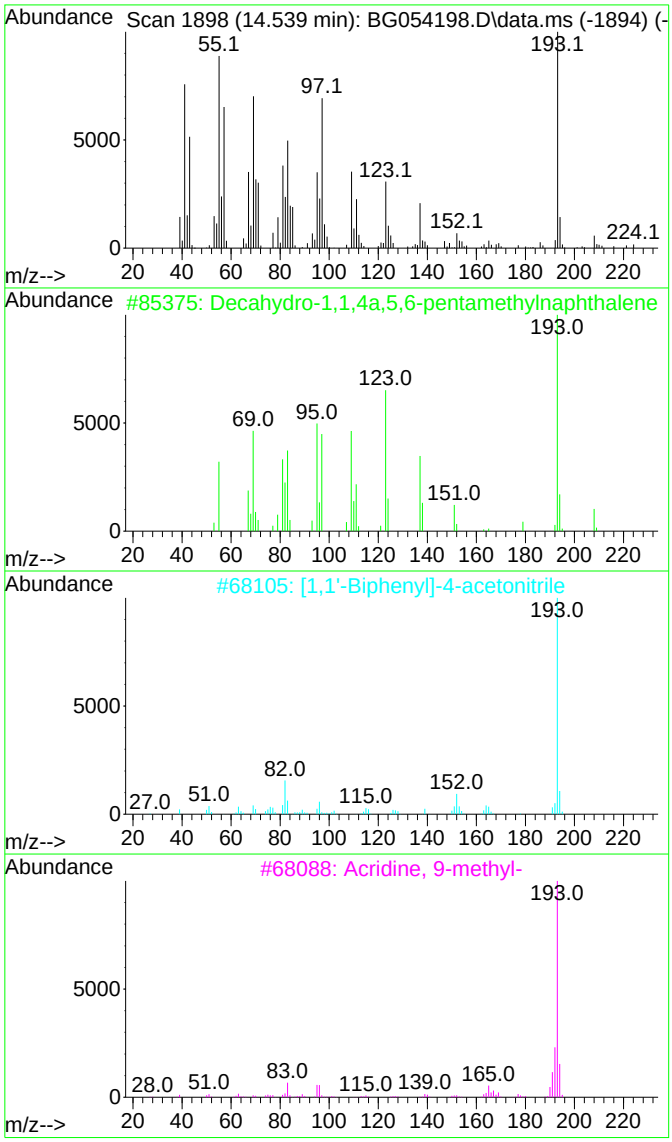
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

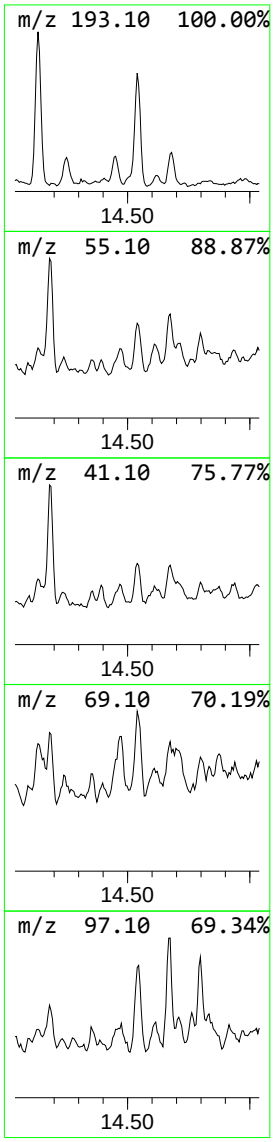
****

Peak Number 14 unknown14.539 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	26.64 ng	472767	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	49
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	38
3	Acridine, 9-methyl-	193	C14H11N	000611-64-3	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	30
5	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	30





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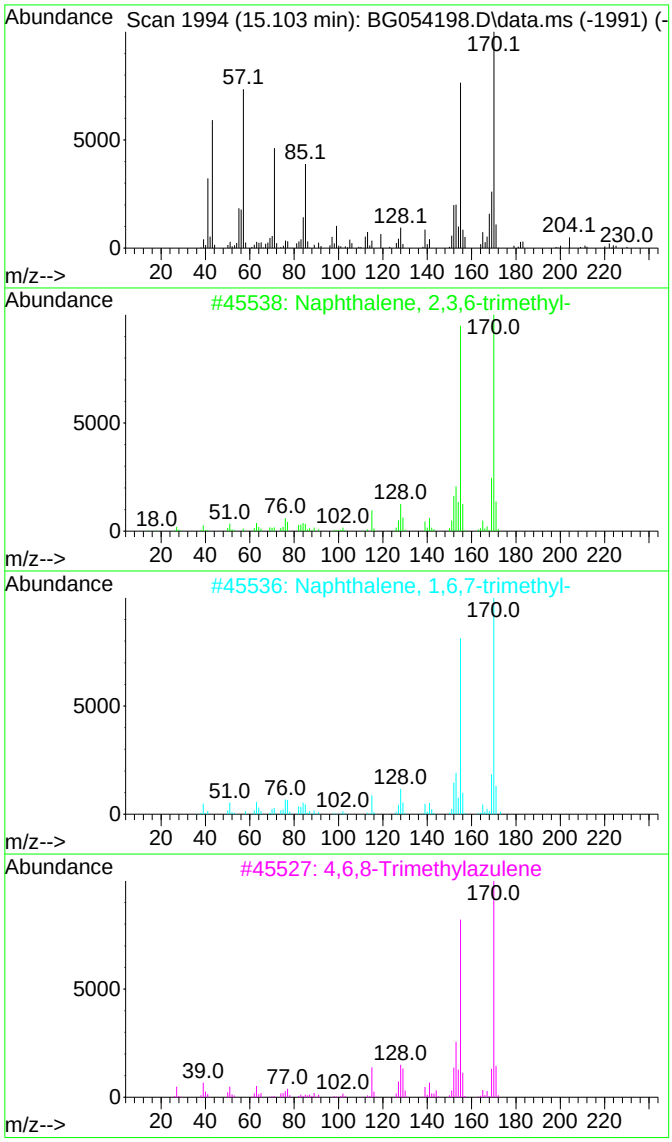
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

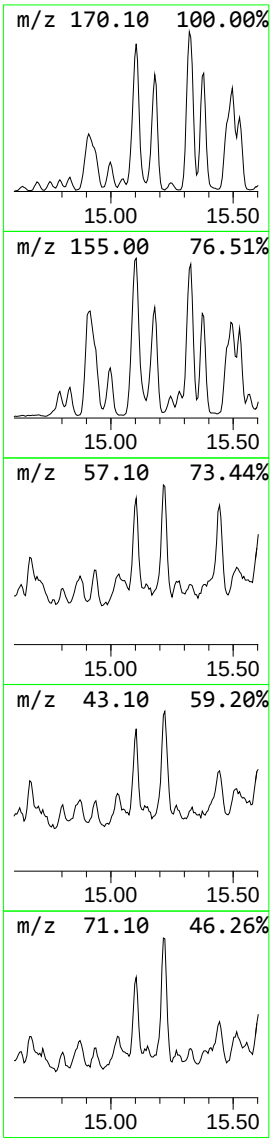
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.103	27.38 ng	485910	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	58
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	52
5	Cis-4-methyl-cis-2-thiabicyclo[4...	170	C10H18S	1000491-53-0	43





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TIC Library : C:\Database\NIST20.L
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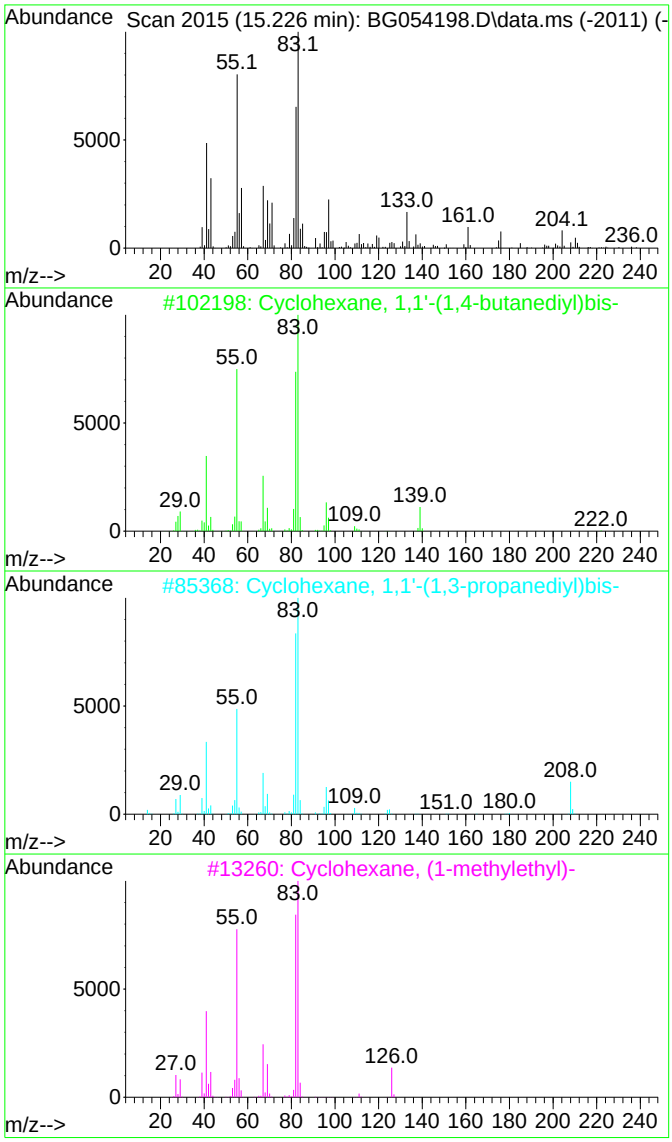
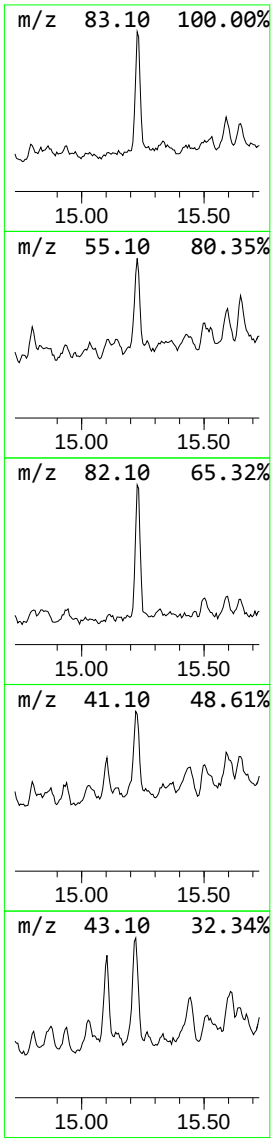
****
Peak Number 16 Cyclohexane, 1,1'-(1,4-buta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.226	40.93 ng	726360	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	62
2	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	58
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
4	n-Nonylcyclohexane	210	C15H30	002883-02-5	52
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	52





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BNA_G
ClientSampleId :
WC-16-2-4

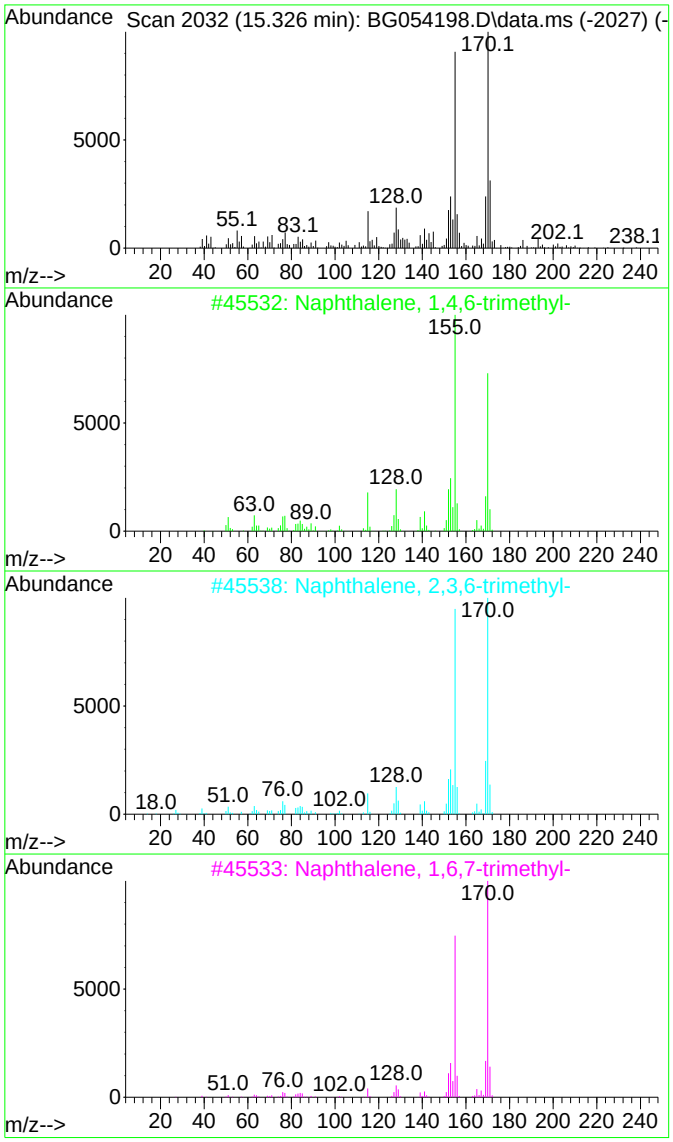
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

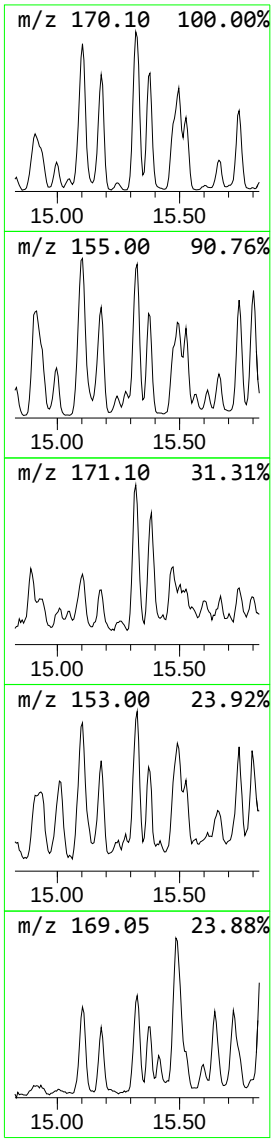
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.326	35.87 ng	636588	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

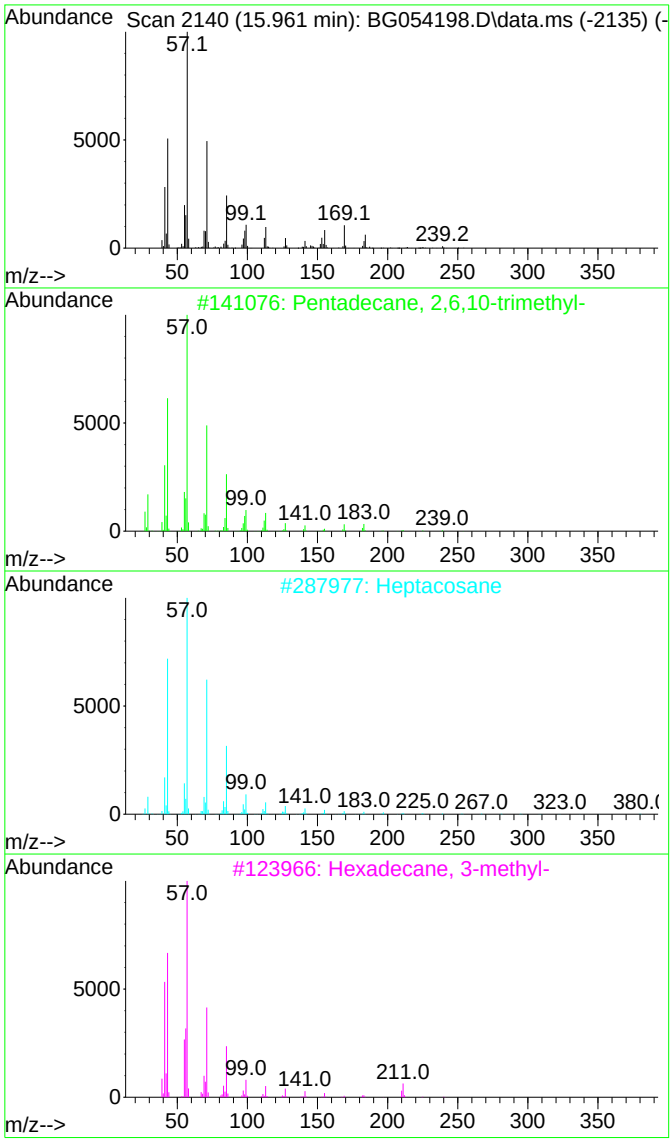
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

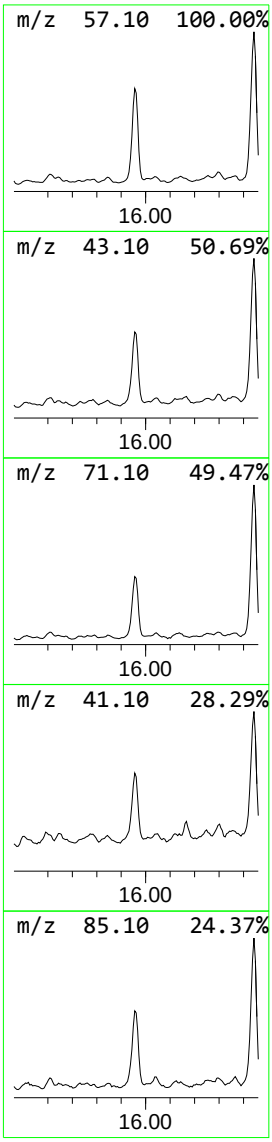
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.961	89.74 ng	1592490	Acenaphthene-d10	14.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	72
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	68
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

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

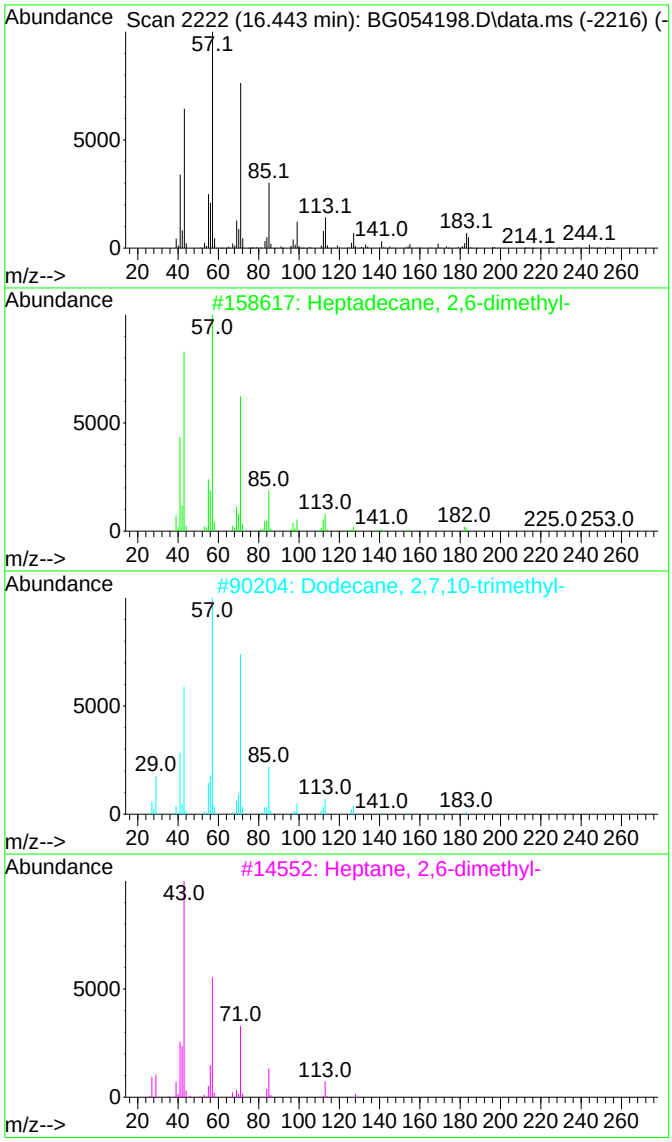
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

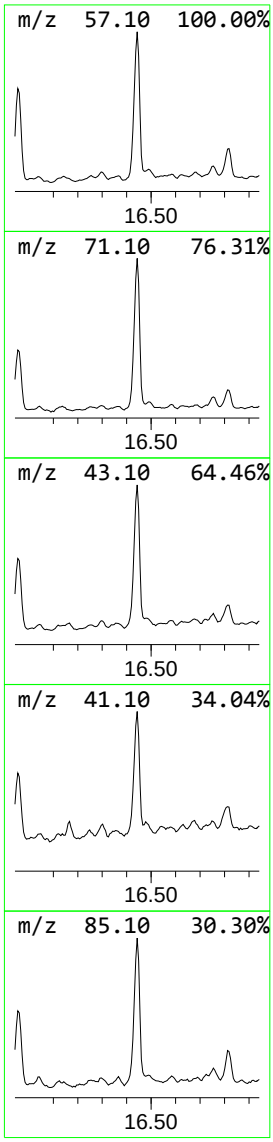
****

Peak Number 19 Heptadecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.443	17.29 ng	2748930	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

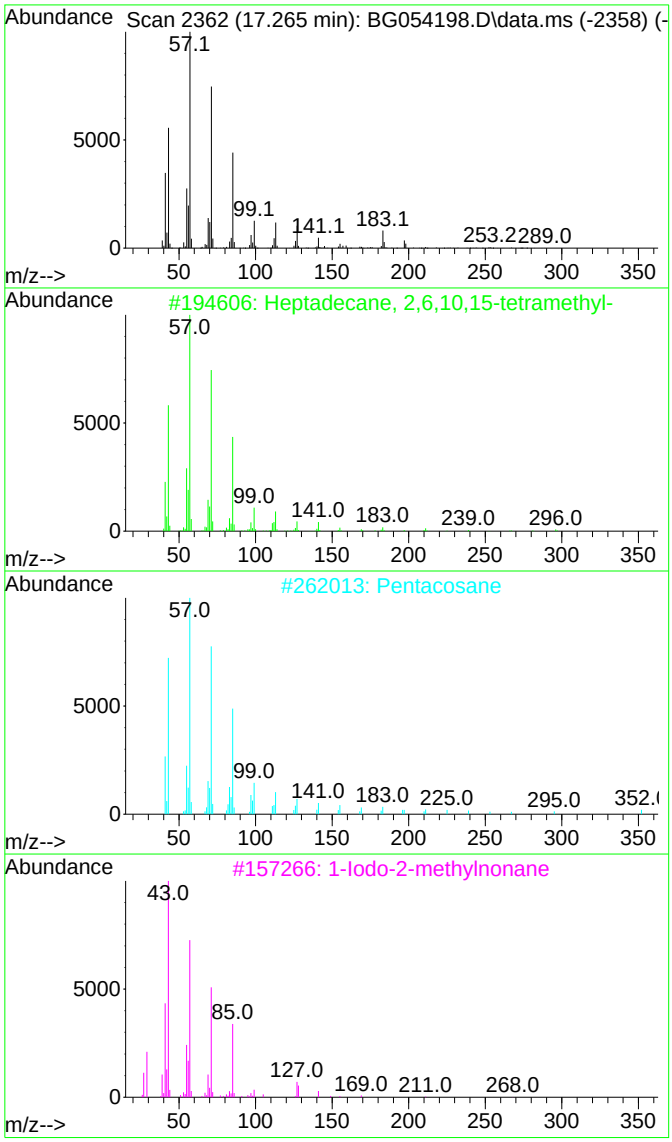
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

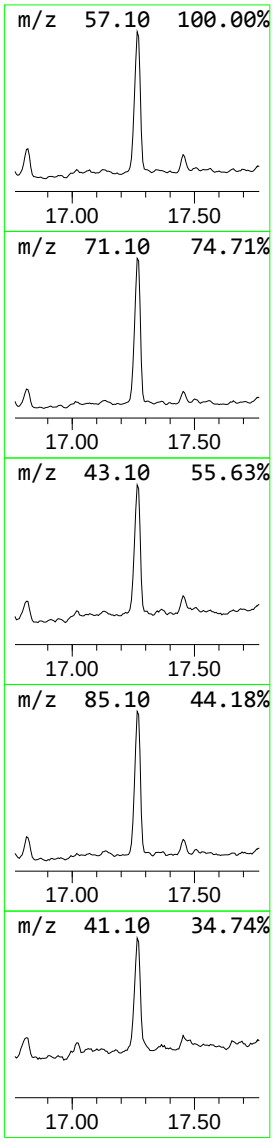
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.265	20.00 ng	3179670	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Pentacosane	352	C25H52	000629-99-2	86
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054198.D
Acq On : 1 Jul 2022 19:35
Operator : CG/JU
Sample : N3564-26
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

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
Benzene, chloro-	5.379	44.7	ng	1212630	1	8.076	542104	20.0
Heptane, 3-ethy...	6.736	23.7	ng	641318	1	8.076	542104	20.0
1-Octanol, 2-bu...	9.551	16.6	ng	312845	2	10.884	376107	20.0
trans-Decalin, ...	10.068	17.8	ng	335111	2	10.884	376107	20.0
Decane, 2,6,8-t...	11.043	27.0	ng	507600	2	10.884	376107	20.0
Benzene, 1-ethy...	11.102	14.7	ng	277000	2	10.884	376107	20.0
Cyclopentane, 1...	11.584	23.8	ng	448009	2	10.884	376107	20.0
Octane, 3-ethyl-	11.907	23.9	ng	449937	2	10.884	376107	20.0
unknown12.512	12.512	23.5	ng	441166	2	10.884	376107	20.0
Dodecane, 2,6,1...	13.241	44.0	ng	780752	3	14.709	354922	20.0
Cyclohexane, 1,...	13.523	16.1	ng	285910	3	14.709	354922	20.0
Naphthalene, 1,...	14.028	17.5	ng	311083	3	14.709	354922	20.0
Tetratetracontane	14.187	53.0	ng	939911	3	14.709	354922	20.0
unknown14.539	14.539	26.6	ng	472767	3	14.709	354922	20.0
Naphthalene, 2,...	15.103	27.4	ng	485910	3	14.709	354922	20.0
Cyclohexane, 1,...	15.226	40.9	ng	726360	3	14.709	354922	20.0
Naphthalene, 1,...	15.326	35.9	ng	636588	3	14.709	354922	20.0
Pentadecane, 2,...	15.961	89.7	ng	1592490	3	14.709	354922	20.0
Heptadecane, 2,...	16.443	17.3	ng	2748930	4	17.459	3179670	20.0
Heptadecane, 2,...	17.265	20.0	ng	3179670	4	17.459	3179670	20.0