LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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: BG054133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.251	141	147	154	rVB2	11378	21096	2.24%	0.105%
2	4.597	197	206	213	rVB5	8241	18658	1.98%	0.093%
3	5.161	297	302	309	rBV6	7206	13847	1.47%	0.069%
4	5.267	315	320	327	rBV4	9886	21374	2.27%	0.106%
5	5.385	333	340	350	rVB	109611	203774	21.61%	1.012%
6	5.508	356	361	368	rVB2	15373	27839	2.95%	0.138%
7	5.579	368	373	377	rVB2	8885	13896	1.47%	0.069%
8	5.643	377	384	391	rBV	167320	306134	32.46%	1.520%
9	5.708	391	395	414	rVB2	21056	70345	7.46%	0.349%
10	5.872	414	423	430	rBV3	11871	24128	2.56%	0.120%
11	5.949	430	436	443	rBV4	15329	34501	3.66%	0.171%
12	6.019	444	448	453	rVB3	9888	15832	1.68%	0.079%
13	6.084	453	459	468	rVB4	23916	51305	5.44%	0.255%
14	6.172	468	474	482	rBV3	17068	34183	3.62%	0.170%
15	6.248	482	487	496	rVB4	6894	16364	1.74%	0.081%
16	6.342	496	503	512	rBV5	42962	124673	13.22%	0.619%
17	6.460	517	523	533	rVB5	21363	52261	5.54%	0.259%
18	6.560	533	540	547	rBV6	36301	108285	11.48%	0.538%
19	6.624	547	551	556	rVV	44257	64190	6.81%	0.319%
20	6.736	563	570	581	rVB2	51190	143774	15.24%	0.714%
21	6.830	581	586	591	rVB4	21208	37385	3.96%	0.186%
22	6.895	591	597	602	rVB5	27358	49247	5.22%	0.244%
23	6.954	602	607	615	rBV4	16938	41751	4.43%	0.207%
24	7.059	616	625	632	rBV4	30342	83271	8.83%	0.413%
25	7.171	638	644	647	rBV3	27266	48860	5.18%	0.243%
26	7.230	647	654	661	rVV3	240471	515444	54.65%	2.559%
27	7.359	672	676	678	rBV2	15542	22899	2.43%	0.114%
28	7.406	679	684	689	rVB4	29956	60771	6.44%	0.302%
29	7.465	689	694	697	rBV3	35808	60908	6.46%	0.302%
30	7.576	707	713	719	rBV8	23447	55542	5.89%	0.276%
31	7.641	720	724	735	rVB9	25667	69380	7.36%	0.344%
32	7.729	735	739	742	rBV3	20787	28525	3.02%	0.142%
33	7.800	746	751	757	rVB3	27507	51872	5.50%	0.258%
34	7.894	761	767	775	rVB6	33942	94026	9.97%	0.467%
35	8.005	775	786	789	rBV7	62962	195231	20.70%	0.969%
36	8.058	789	795	803	rVB2	173191	434315	46.05%	2.156%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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	8.146	805	810	816	rVB4	46642	96186	10.20%	0.478%
38	8.217	816	822	824	rBV6	25738	58196	6.17%	0.289%
39	8.264	825	830	835	rVB4	86696	153015	16.22%	0.760%
40	8.334	835	842	845	rBV	49547	111914	11.87%	0.556%
41	8.428	854	858	865	rVB3	62839	123032	13.04%	0.611%
42	8.522	866	874	879	rBV8	28793	68252	7.24%	0.339%
43	8.605	880	888	890	rVV4	43650	99893	10.59%	0.496%
44	8.640	891	894	903	rVB3	83995	163023	17.28%	0.809%
45	8.716	903	907	910	rBV5	15537	24439	2.59%	0.121%
46	8.916	936	941	945	rBV	80189	141205	14.97%	0.701%
47	9.186	976	987	991	rBV4	150470	414935	43.99%	2.060%
48	9.233	991	995	1000	rVV	125309	241663	25.62%	1.200%
49	9.286	1000	1004	1010	rVV5	57133	135434	14.36%	0.672%
50	9.345	1011	1014	1018	rVB4	51386	78468	8.32%	0.390%
51	9.398	1018	1023	1025	rBV2	84737	135048	14.32%	0.670%
52	9.439	1026	1030	1037	rVB5	100506	204469	21.68%	1.015%
53	9.556	1038	1050	1056	rVB5	89536	275320	29.19%	1.367%
54	9.662	1056	1068	1072	rBV10	56052	204606	21.69%	1.016%
55	9.721	1073	1078	1084	rBV2	103502	197327	20.92%	0.980%
56	9.809	1088	1093	1097	rVB3	101669	173525	18.40%	0.862%
57	9.962	1111	1119	1123	rBV7	78965	187673	19.90%	0.932%
58	10.009	1124	1127	1131	rVV3	58486	83203	8.82%	0.413%
59	10.068	1131	1137	1144	rVV4	227915	429626	45.55%	2.133%
60	10.132	1144	1148	1157	rVB5	51007	113984	12.09%	0.566%
61	10.297	1170	1176	1178	rBV4	46731	94302	10.00%	0.468%
62	10.473	1200	1206	1214	rBV5	70863	199873	21.19%	0.992%
63	10.590	1221	1226	1227	rBV2	66505	101429	10.75%	0.504%
64	10.884	1266	1276	1286	rBV2	177407	660474	70.03%	3.279%
65	11.043	1298	1303	1309	rVB	407880	687004	72.84%	3.411%
66	11.107	1309	1314	1322	rBV6	104424	240205	25.47%	1.193%
67	11.384	1356	1361	1366	rVB2	172321	312613	33.14%	1.552%
68	11.589	1386	1396	1402	rVB9	165457	480795	50.98%	2.387%
69	11.719	1414	1418	1424	rBV6	88460	162055	17.18%	0.805%
70	11.907	1445	1450	1454	rBV	476361	747730	79.28%	3.712%
71	12.077	1475	1479	1486	rVB6	106235	198441	21.04%	0.985%
72	12.171	1491	1495	1499	rVV2	136294	209110	22.17%	1.038%
73	12.782	1596	1599	1609	rVB2	192827	339174	35.96%	1.684%
74	12.993	1631	1635	1643	rVB4	138891	300434	31.85%	1.492%
75	13.246	1673	1678	1683	rVB	595611	943168	100.00%	4.683%
76	13.323	1688	1691	1698	rVB	350604	533635	56.58%	2.649%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

77	13.522	1719	1725	1727	rBV5	155422	310935	32.97%	1.544%
78	14.133	1825	1829	1833	rBV2	188378	293670	31.14%	1.458%
79	14.180	1833	1837	1842	rVB	634535	934898	99.12%	4.642%
80	14.539	1894	1898	1903	rVB2	229490	369319	39.16%	1.834%
81	14.674	1916	1921	1922	rBV4	169030	256166	27.16%	1.272%
82	14.703	1923	1926	1933	rVB	294800	479184	50.81%	2.379%
83	15.220	2010	2014	2025	rVB5	180697	351991	37.32%	1.748%
84	15.320	2028	2031	2036	rBV3	82959	137375	14.57%	0.682%
85	15.949	2134	2138	2145	rVB	350733	564649	59.87%	2.803%
86	16.190	2175	2179	2183	rVB2	208369	315184	33.42%	1.565%
87	16.431	2215	2220	2225	rVB	534308	800750	84.90%	3.976%
88	17.247	2355	2359	2370	rVB	347701	646283	68.52%	3.209%
89	17.447	2389	2393	2398	rBV	293374	459275	48.69%	2.280%
90	17.858	2460	2463	2468	rVB2	128695	175447	18.60%	0.871%
91	20.056	2833	2837	2842	rVB	536712	706198	74.88%	3.506%

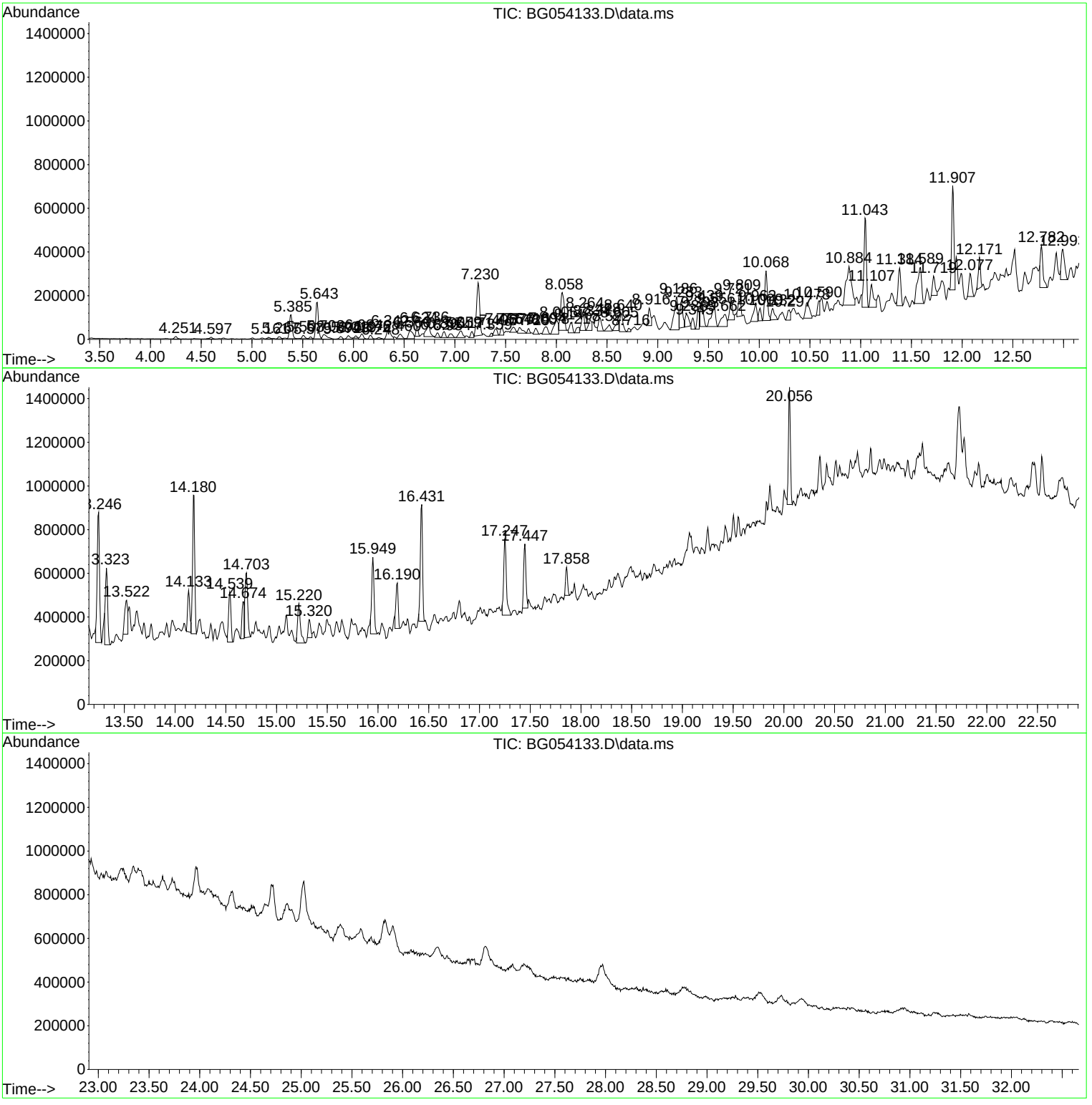
Sum of corrected areas: 20142088

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

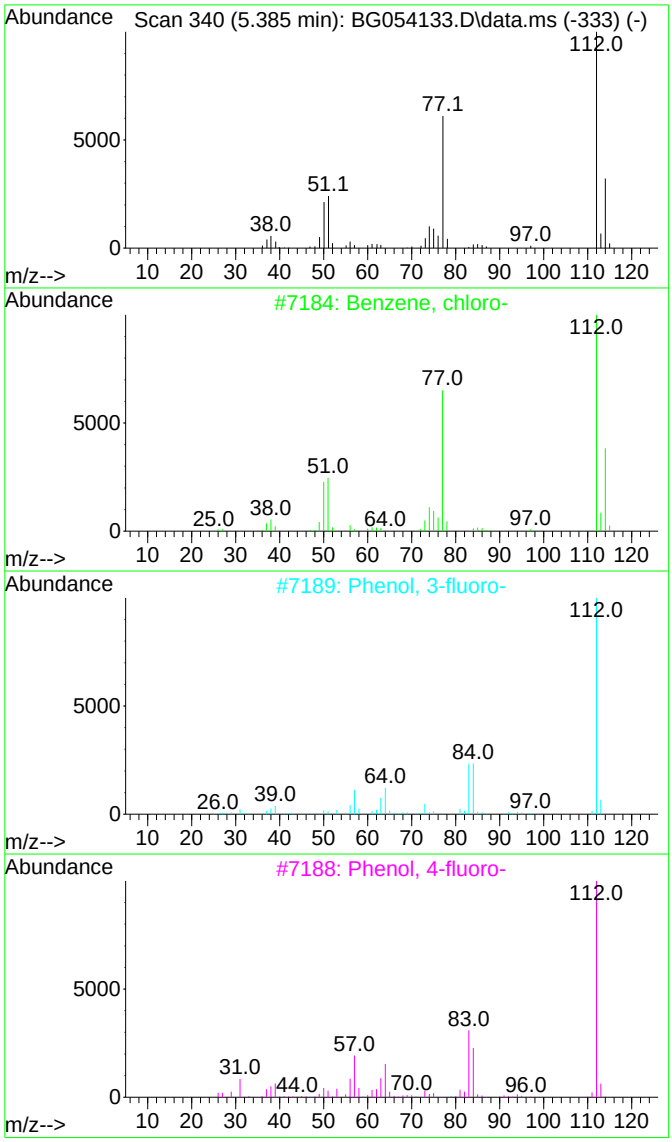
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

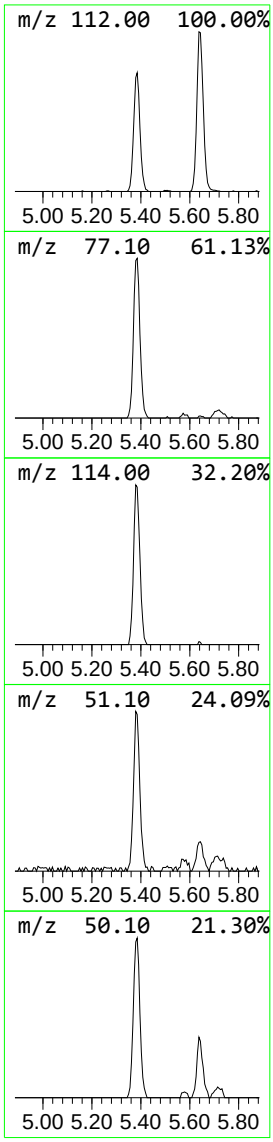
****

Peak Number 1 Benzene, chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.385	9.38 ng	203774	1,4-Dichlorobenzene-d4	8.076

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	16
4	3H-Pyrazol-3-one, 2,4-dihydro-2,...	112	C5H8N2O	002749-59-9	16
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

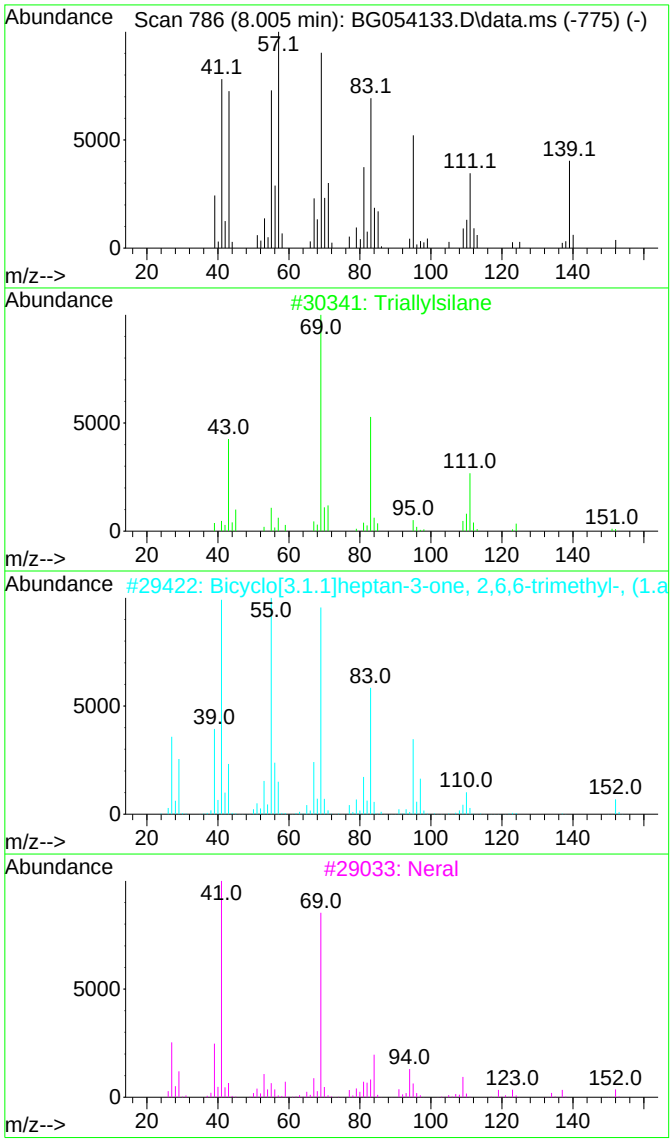
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

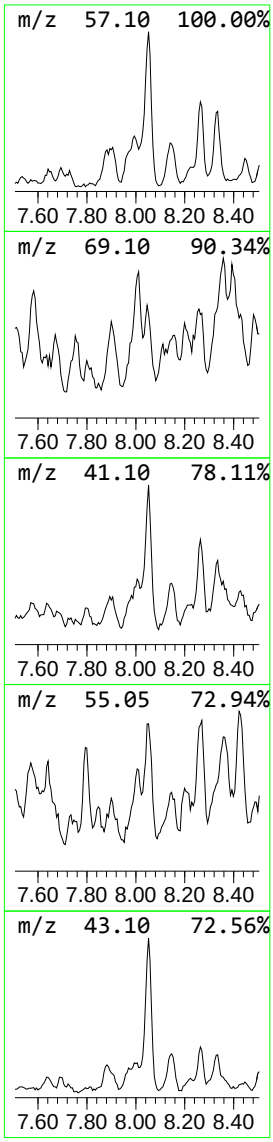
****

Peak Number 2 Triallylsilane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.005	8.99 ng	195231	1,4-Dichlorobenzene-d4	8.076

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triallylsilane	152	C9H16Si	001116-62-7	50
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	47
3	Neral	152	C10H16O	000106-26-3	30
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	27
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

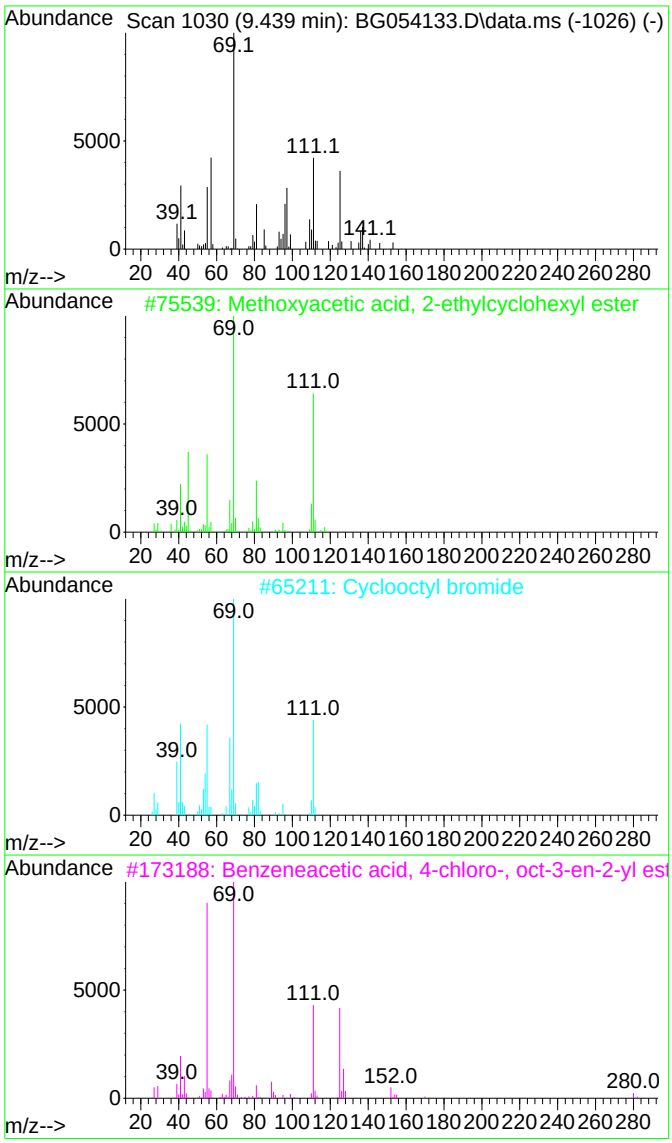
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

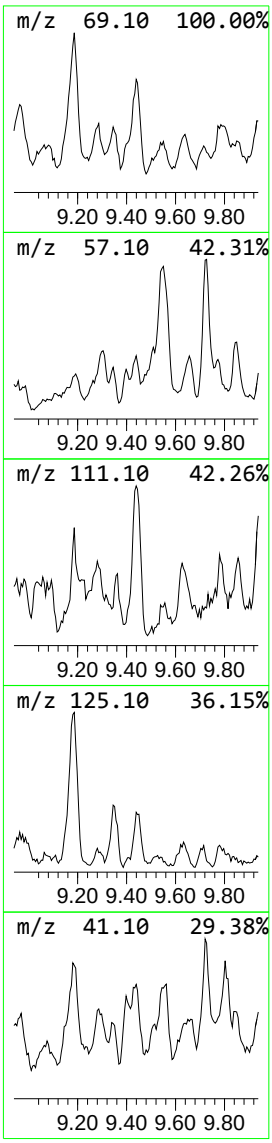
****

Peak Number 3 unknown9.439 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	9.42 ng	204469	1,4-Dichlorobenzene-d4	8.076

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	43
2	Cyclooctyl bromide	190	C8H15Br	001556-09-8	43
3	Benzeneacetic acid, 4-chloro-, o...	280	C16H21ClO2	1000406-99-9	38
4	Cyclooctanemethanol	142	C9H18O	003637-63-6	38
5	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

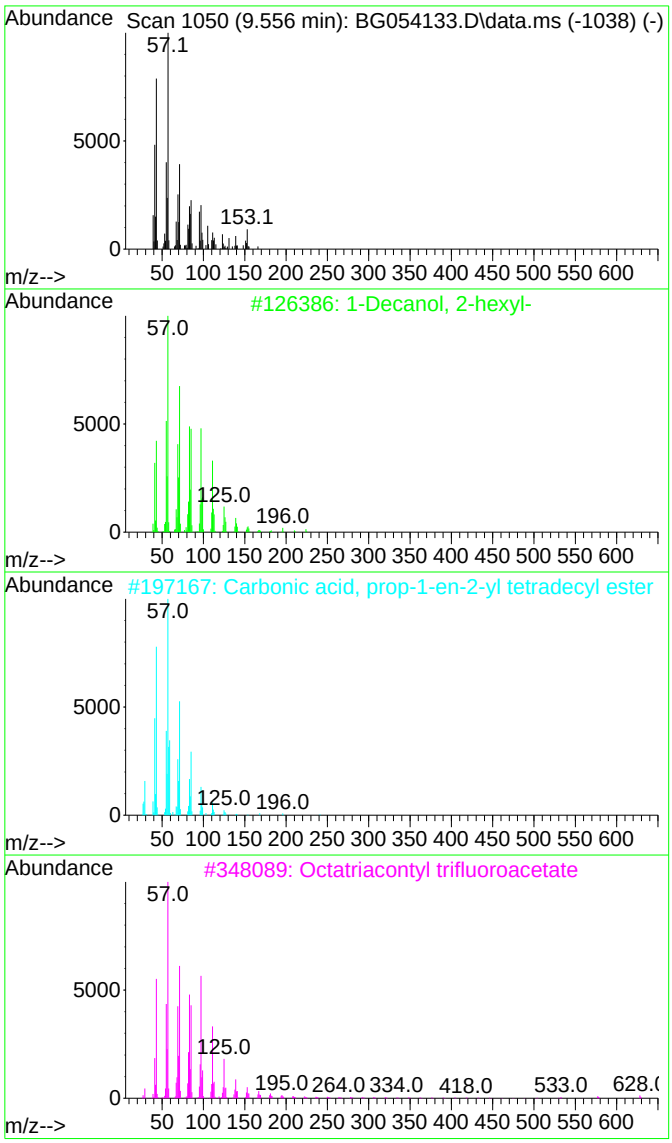
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

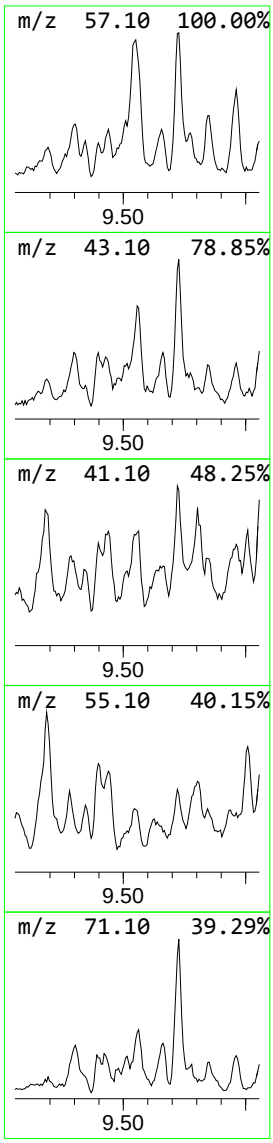
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Decanol, 2-hexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.556	8.34 ng	275320	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	59
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	52
3	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	50
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	50
5	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

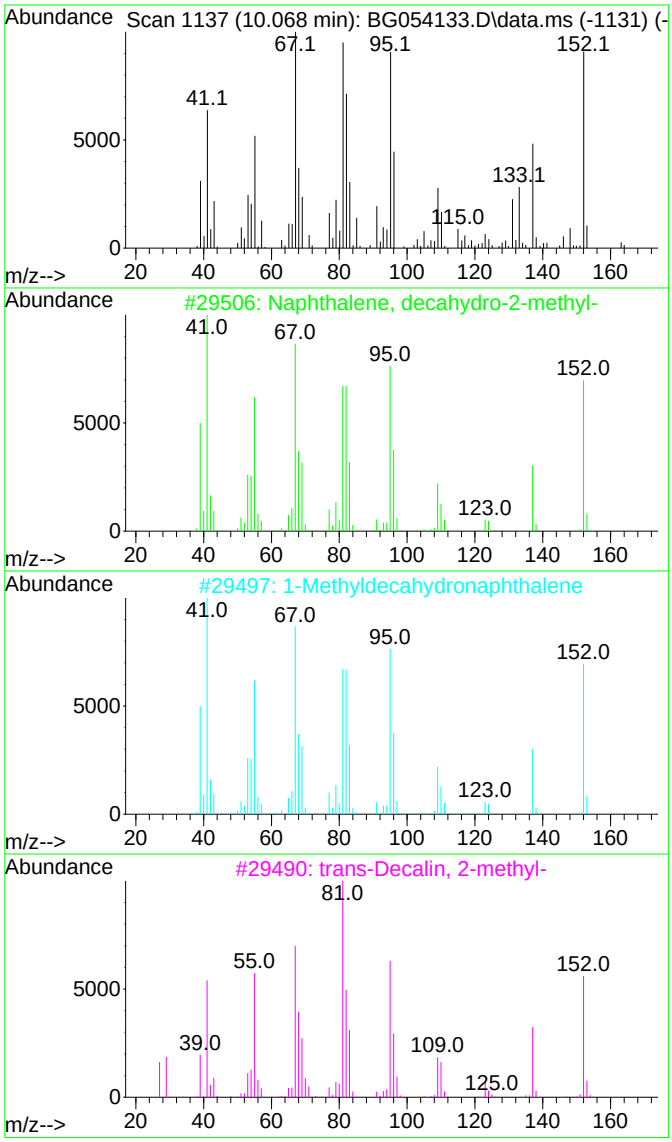
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

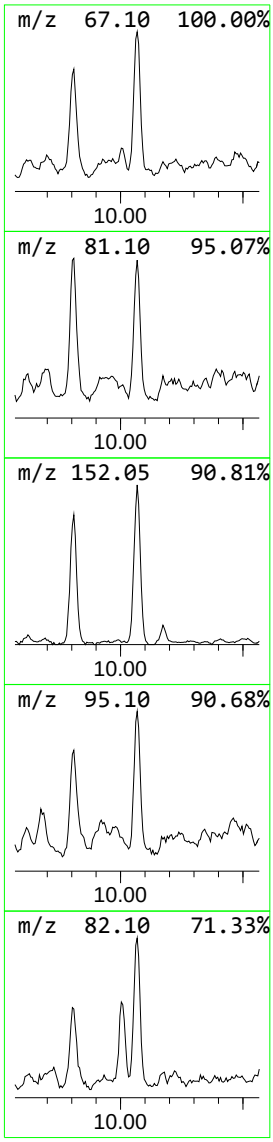
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.068	13.01 ng	429626	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	76
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

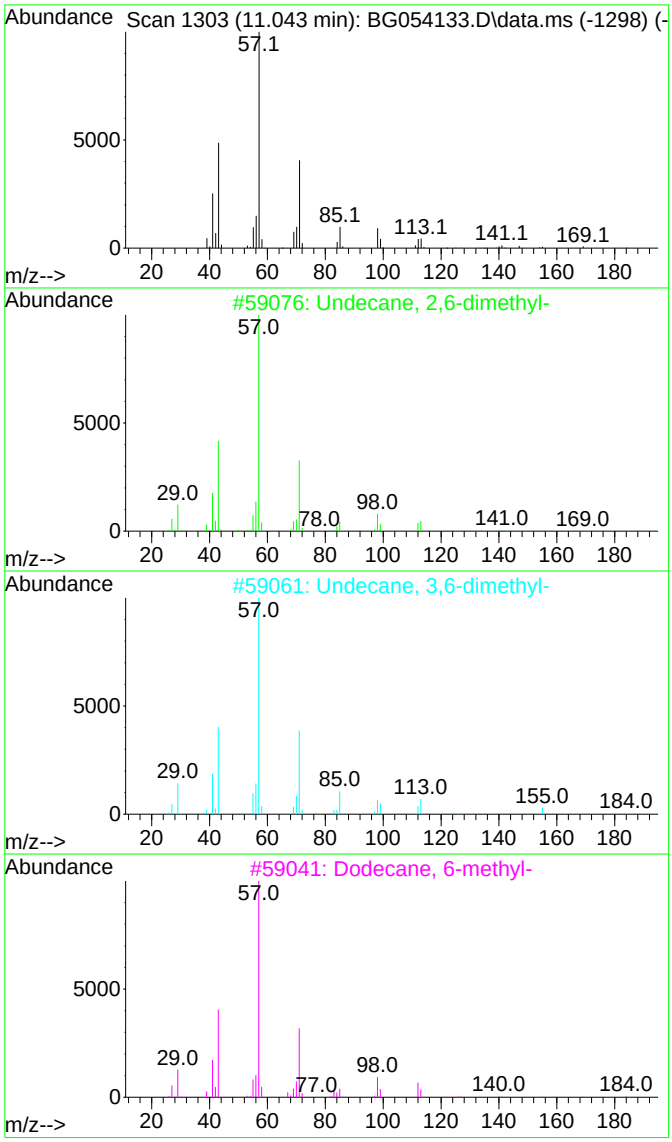
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

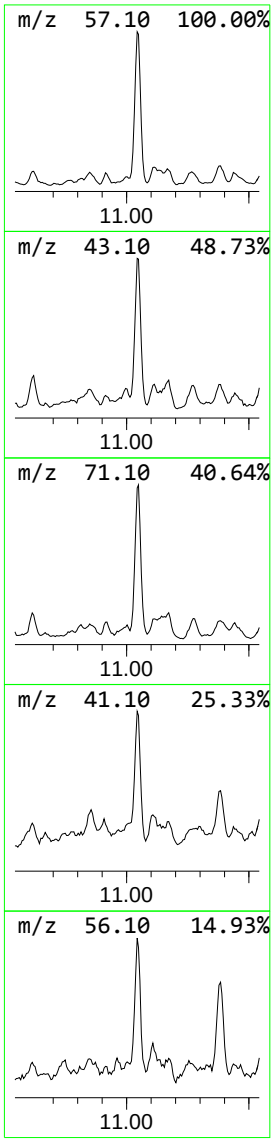
****

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.043	20.80 ng	687004	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

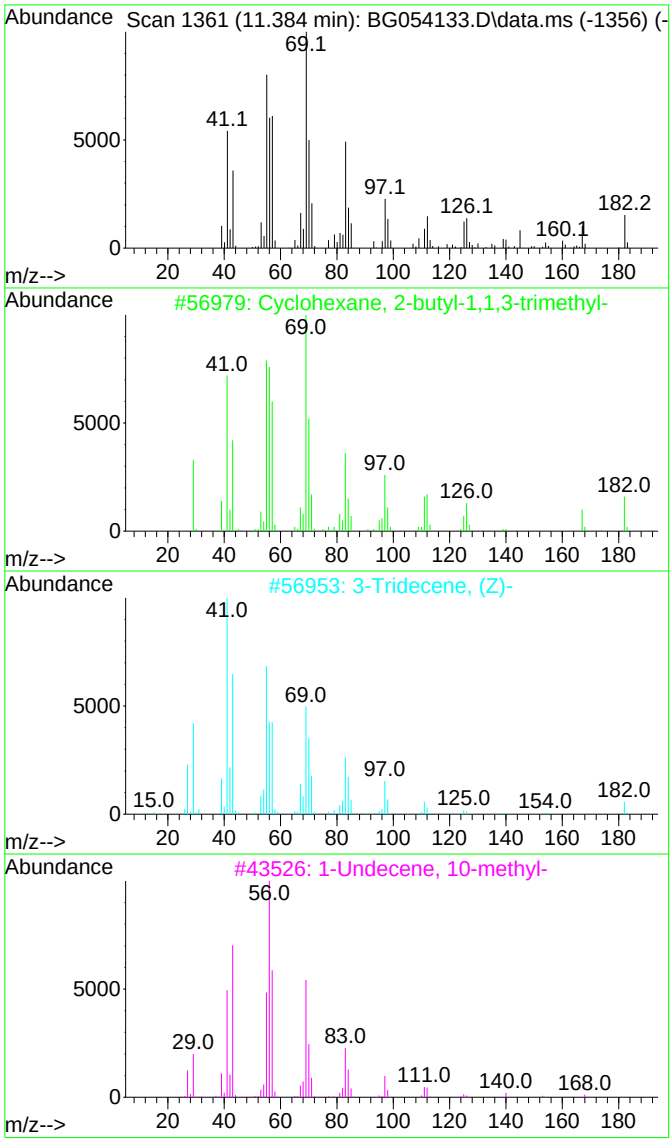
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

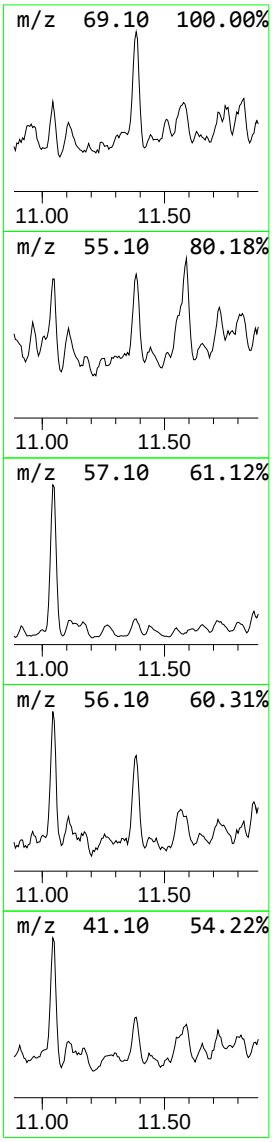
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	9.47 ng	312613	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	3-Tridecene, (Z)-	182	C13H26	041446-53-1	83
3	1-Undecene, 10-methyl-	168	C12H24	022370-55-4	70
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	68
5	6-Dodecene, (E)-	168	C12H24	007206-17-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

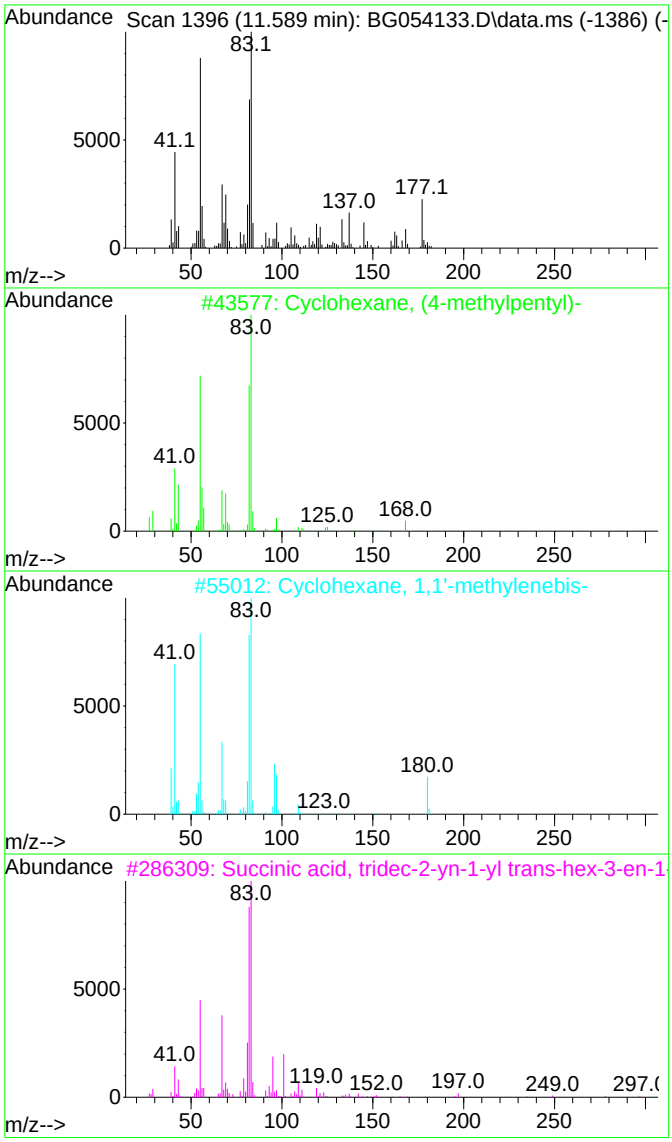
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

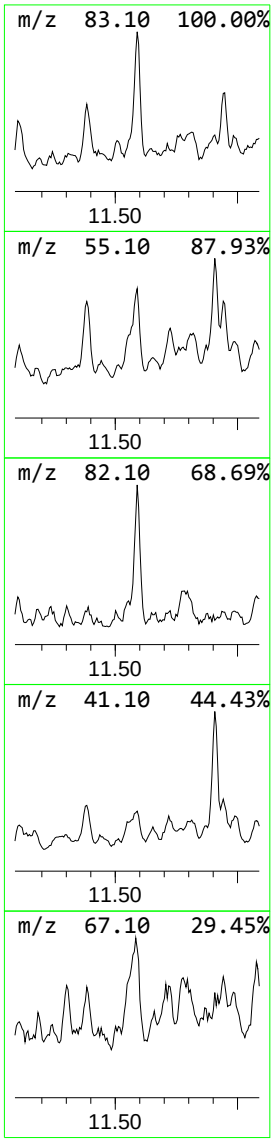
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, (4-methylpentyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.589	14.56 ng	480795	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	52
3	Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

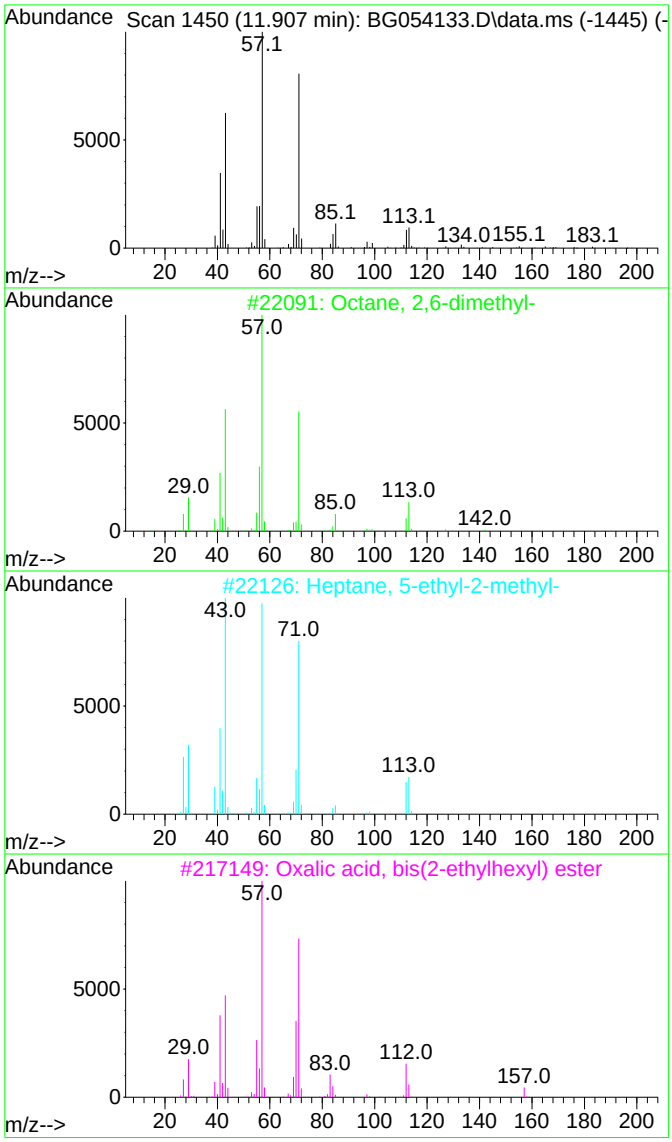
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

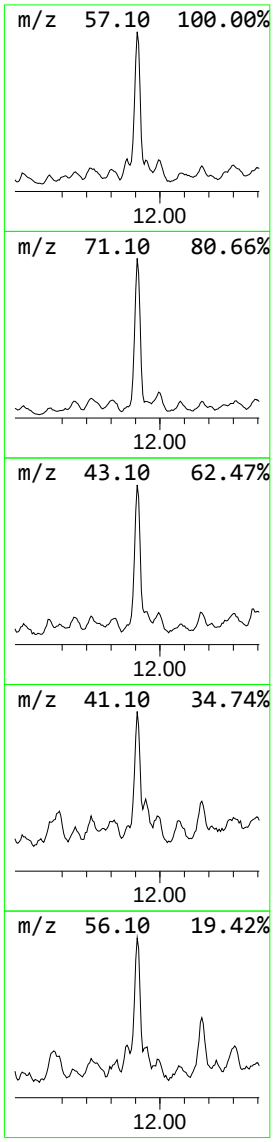
****

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.906	22.64 ng	747730	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	78
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	72
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72
5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

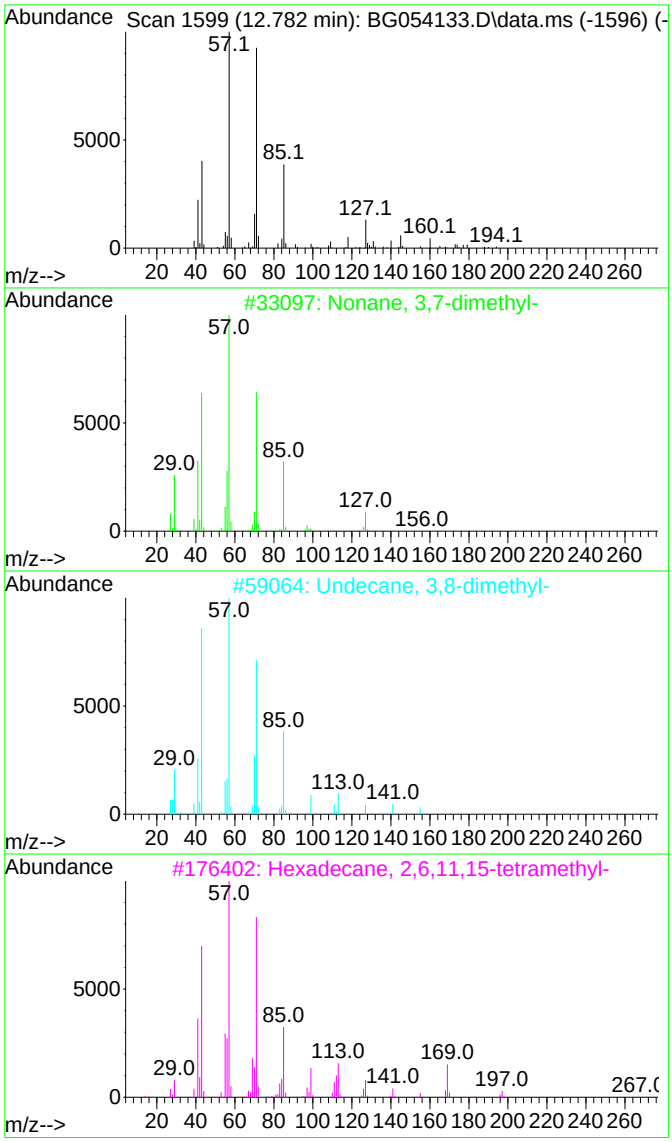
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

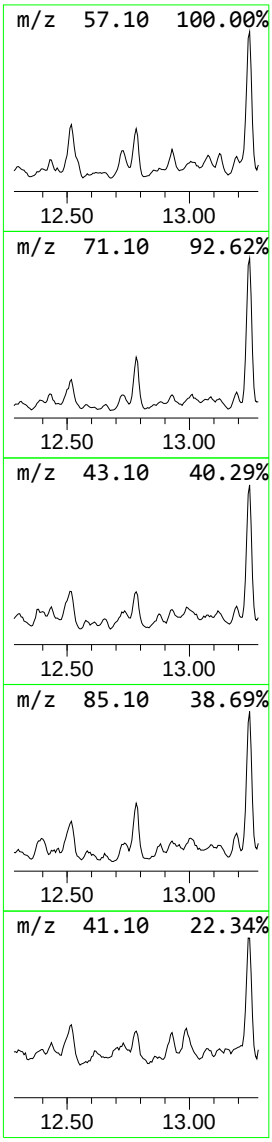
****

Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.782	10.27 ng	339174	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	56
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	56
5	Decane, 3-methyl-	156	C11H24	013151-34-3	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

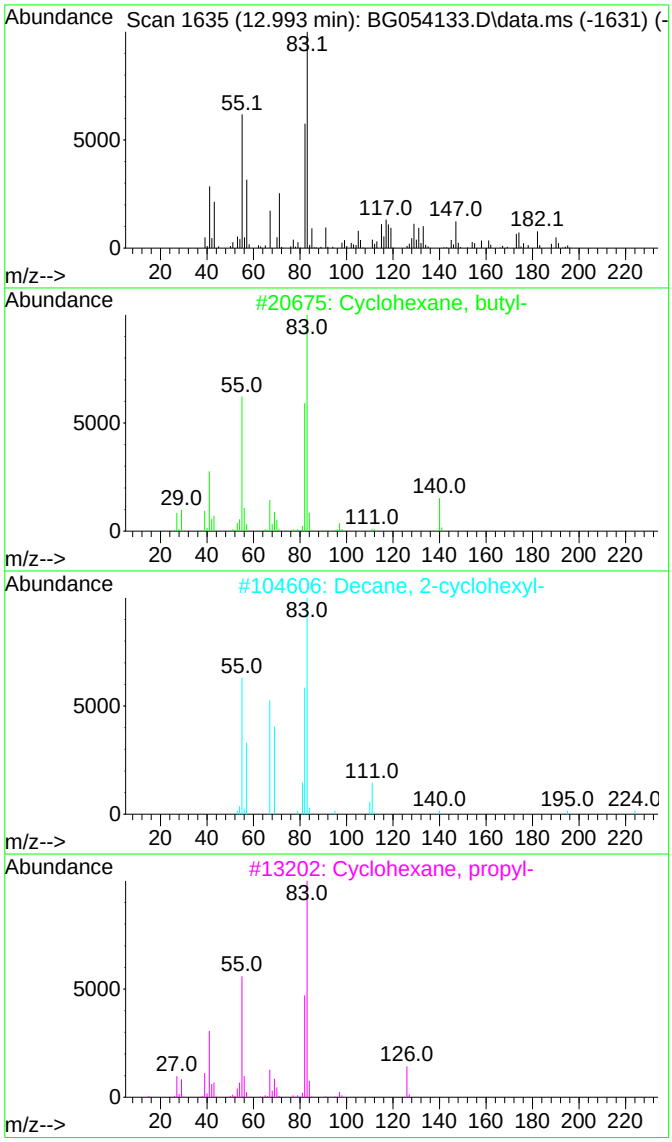
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

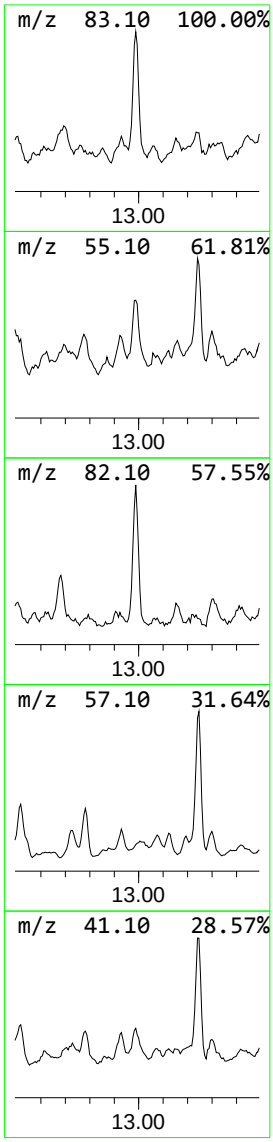
****

Peak Number 11 unknown12.993 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	12.54 ng	300434	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	47
2	Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	47
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

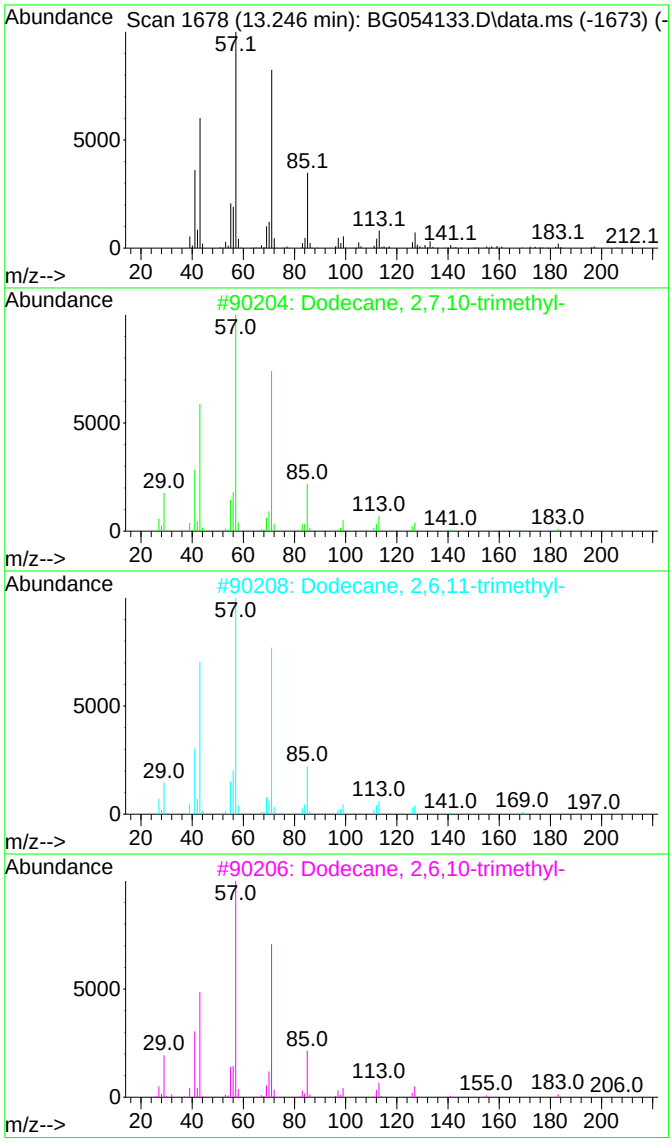
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

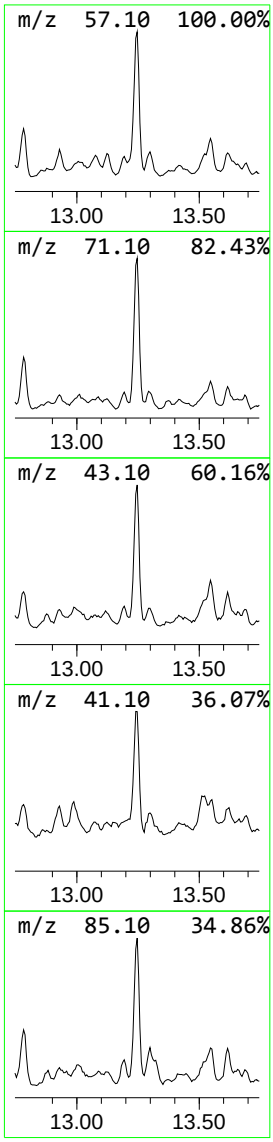
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.246	39.37 ng	943168	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	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	80
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

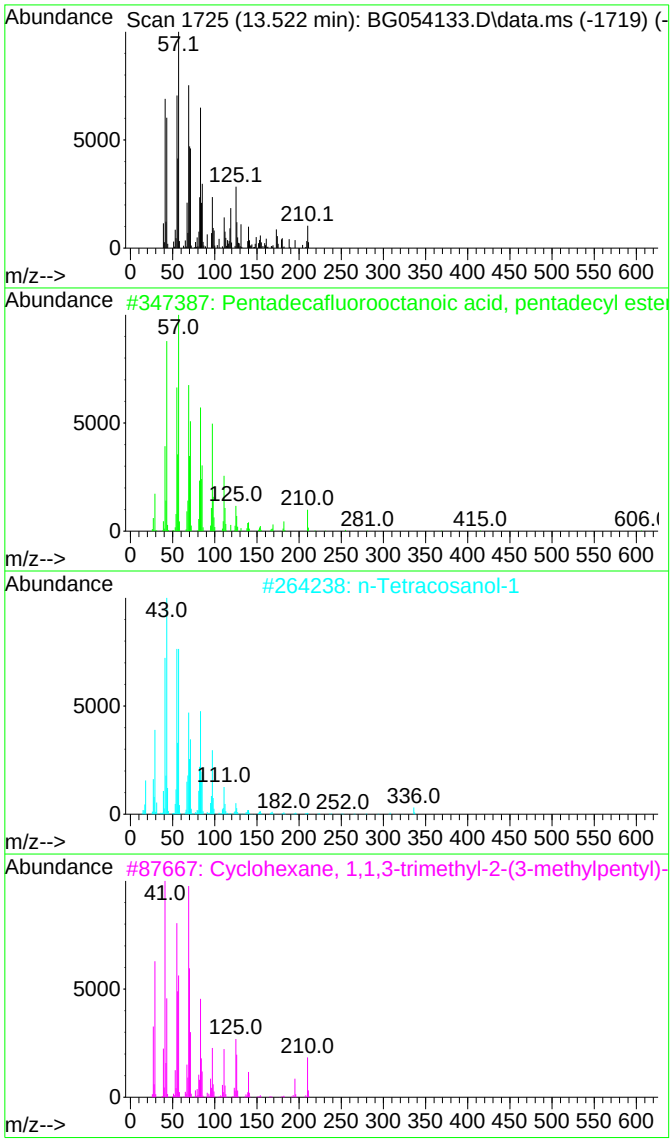
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

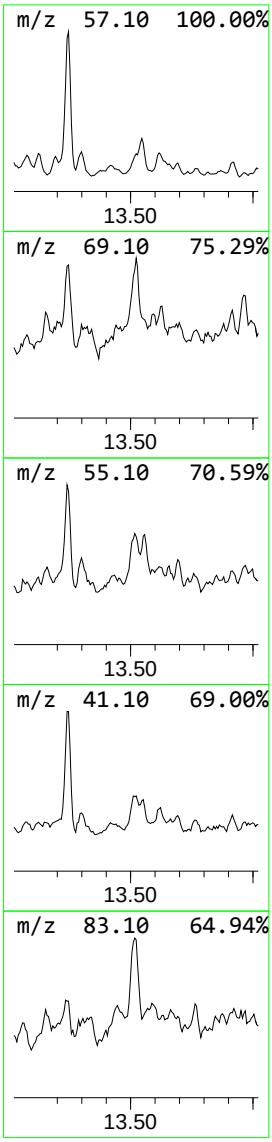
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentadecafluorooctanoic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.522	12.98 ng	310935	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	80
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	72
3	Cyclohexane, 1,1,3-trimethyl-2-(...	210	C15H30	054965-05-8	70
4	5-Undecene, (E)-	154	C11H22	000764-97-6	64
5	Cyclodecane	140	C10H20	000293-96-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

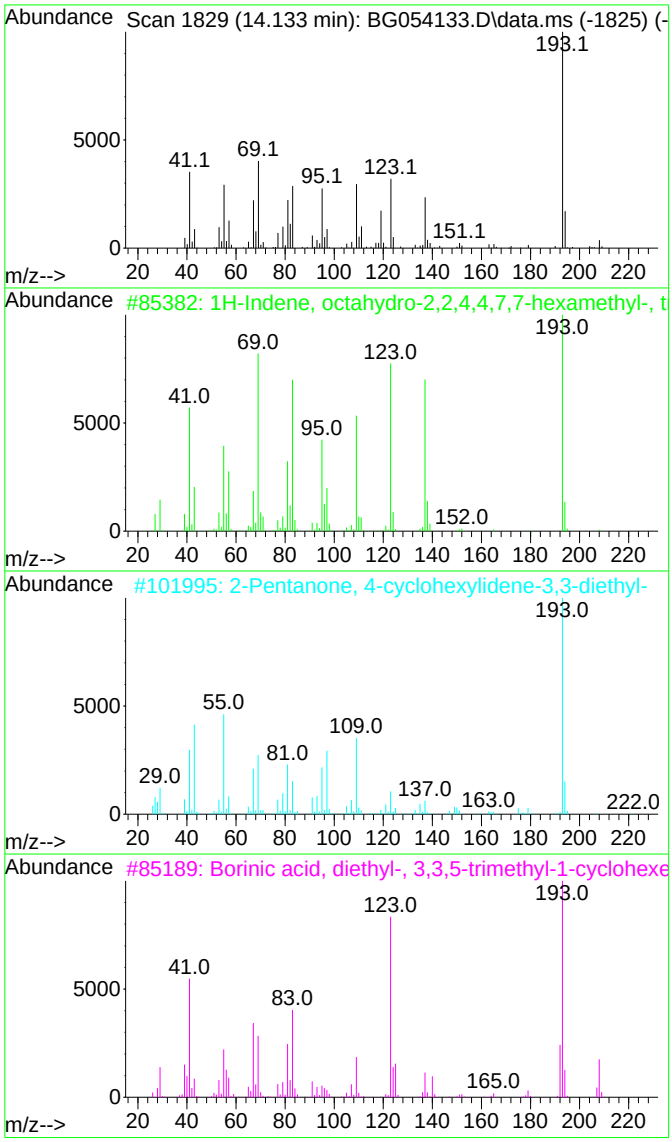
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

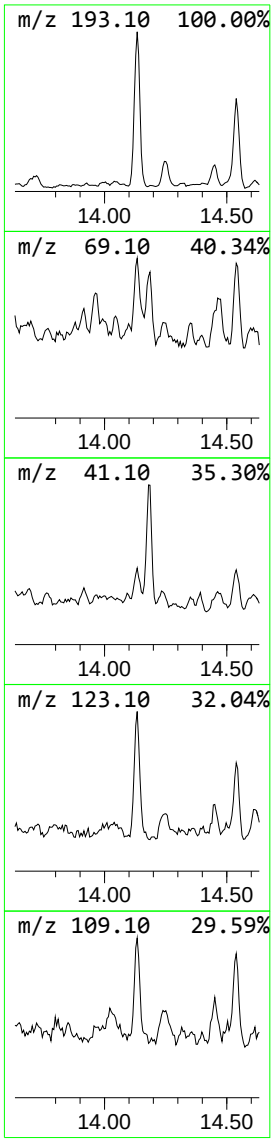
****

Peak Number 14 unknown14.133 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	12.26 ng	293670	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	45
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	40
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

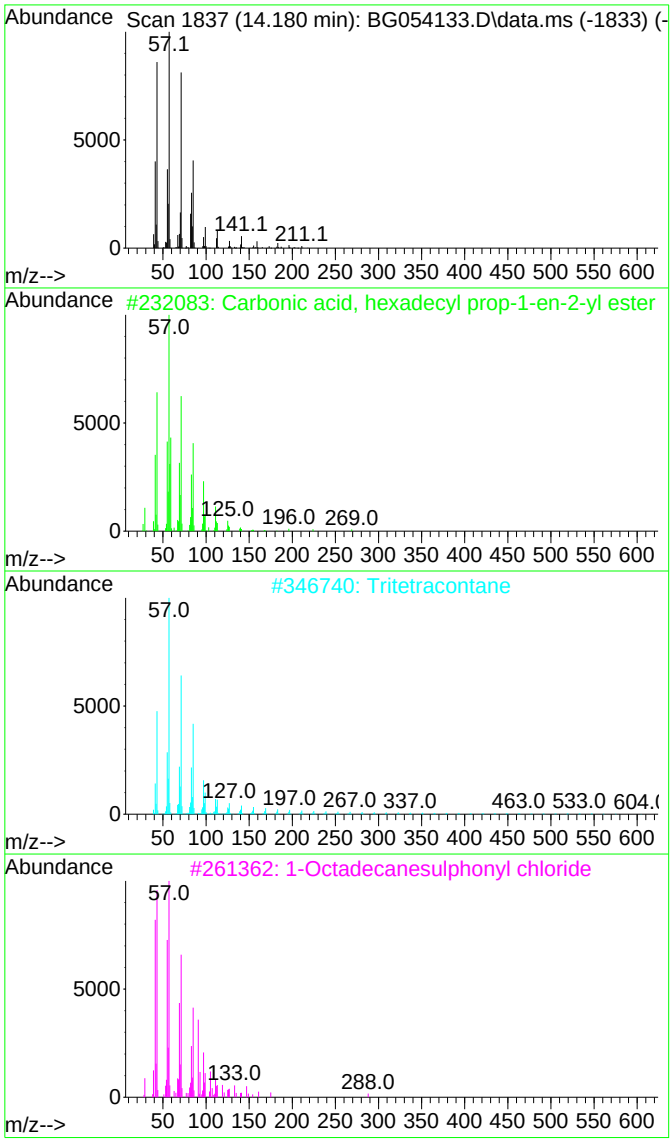
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

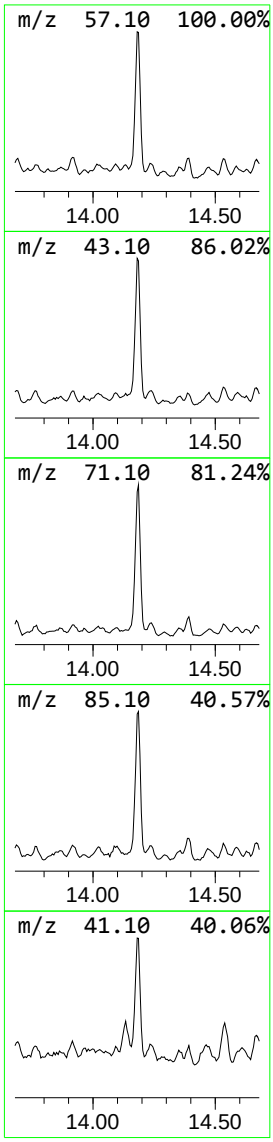
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Carbonic acid, hexadecyl pr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	39.02 ng	934898	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90
2	Tritetracontane	605	C43H88	007098-21-7	90
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

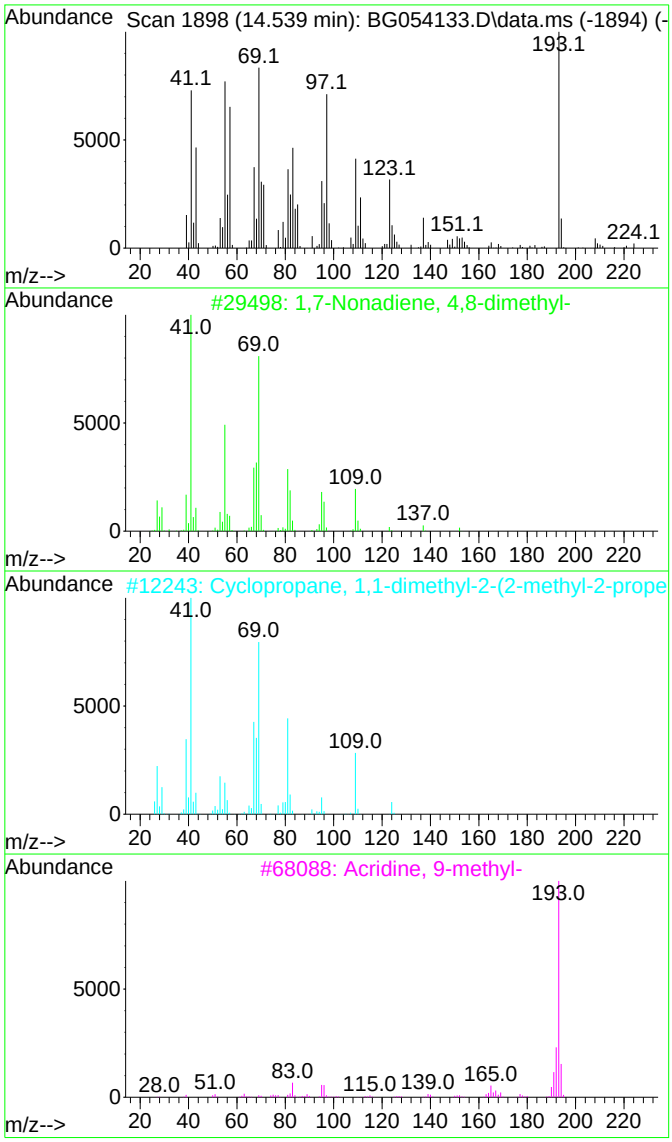
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

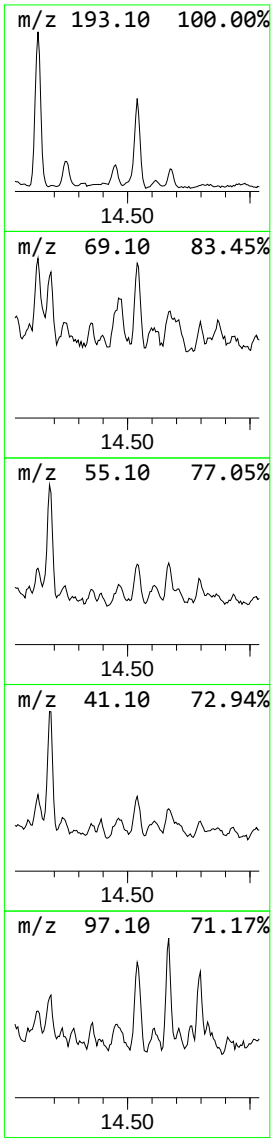
****

Peak Number 16 unknown14.539 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	15.41 ng	369319	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	46
2	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	25
3	Acridine, 9-methyl-	193	C14H11N	000611-64-3	25
4	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
5	2,6-Octadiene, 1-methoxy-3,7-dim...	168	C11H20O	002565-82-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

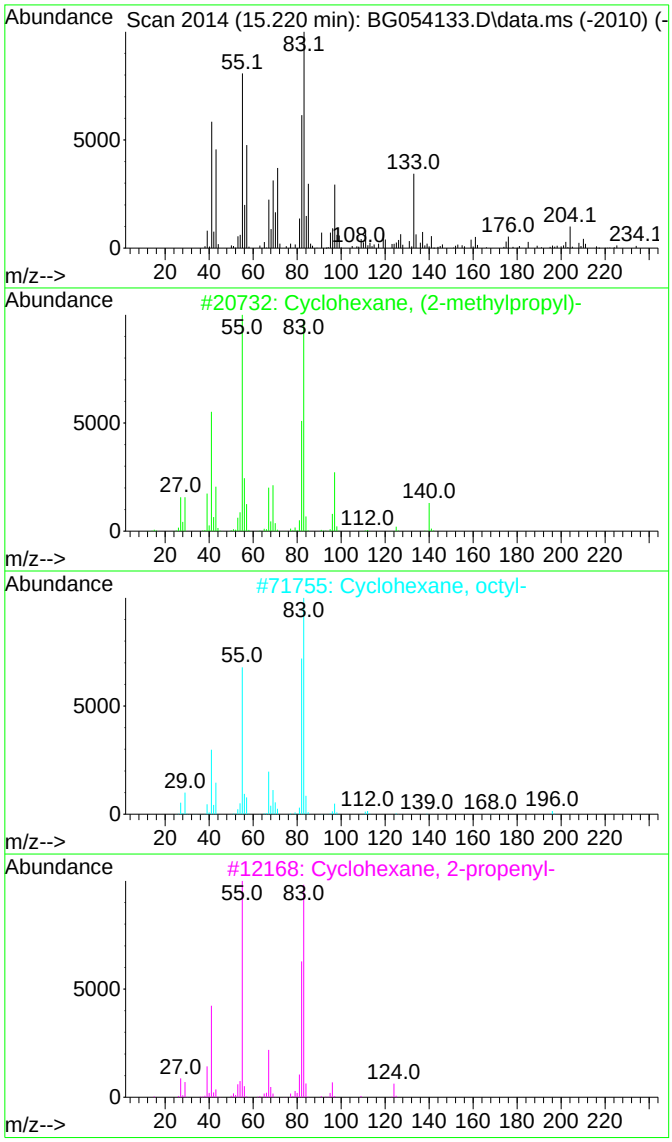
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

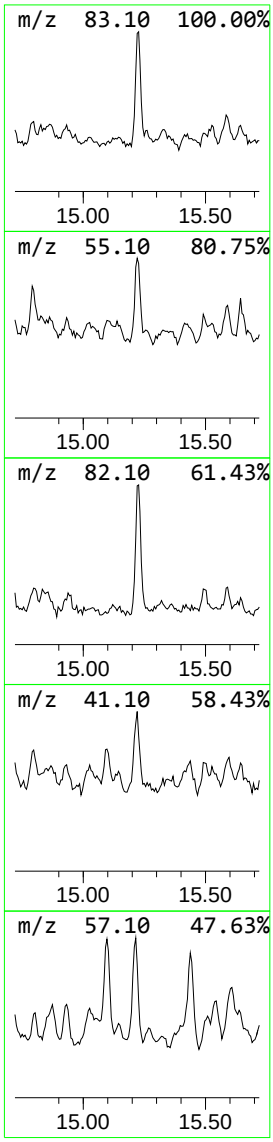
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclohexane, (2-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.220	14.69 ng	351991	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	46
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	46
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

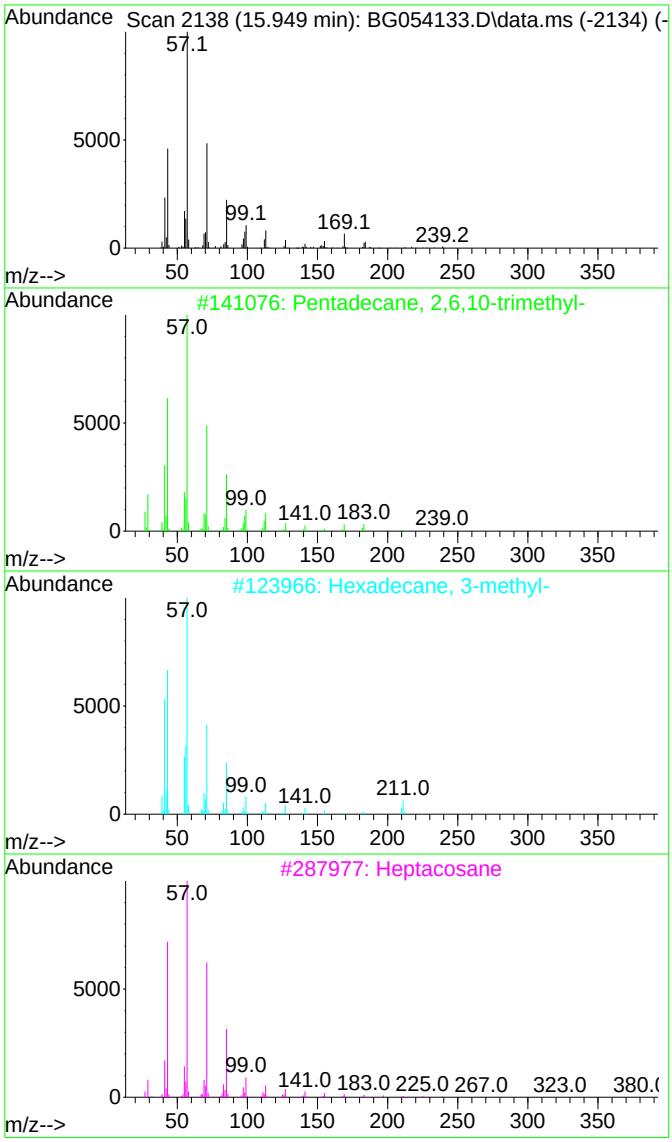
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

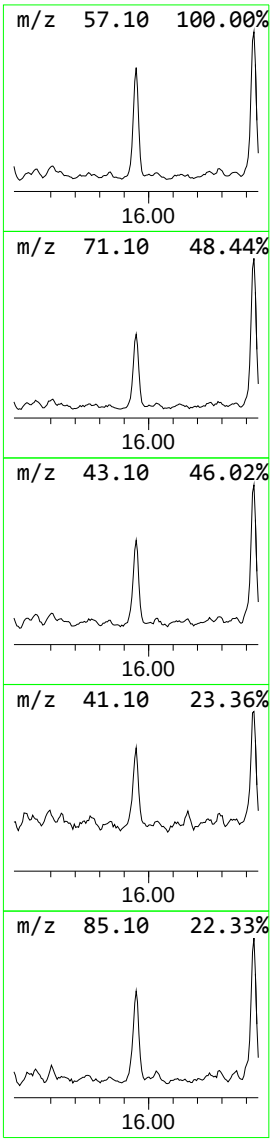
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.949	23.57 ng	564649	Acenaphthene-d10	14.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

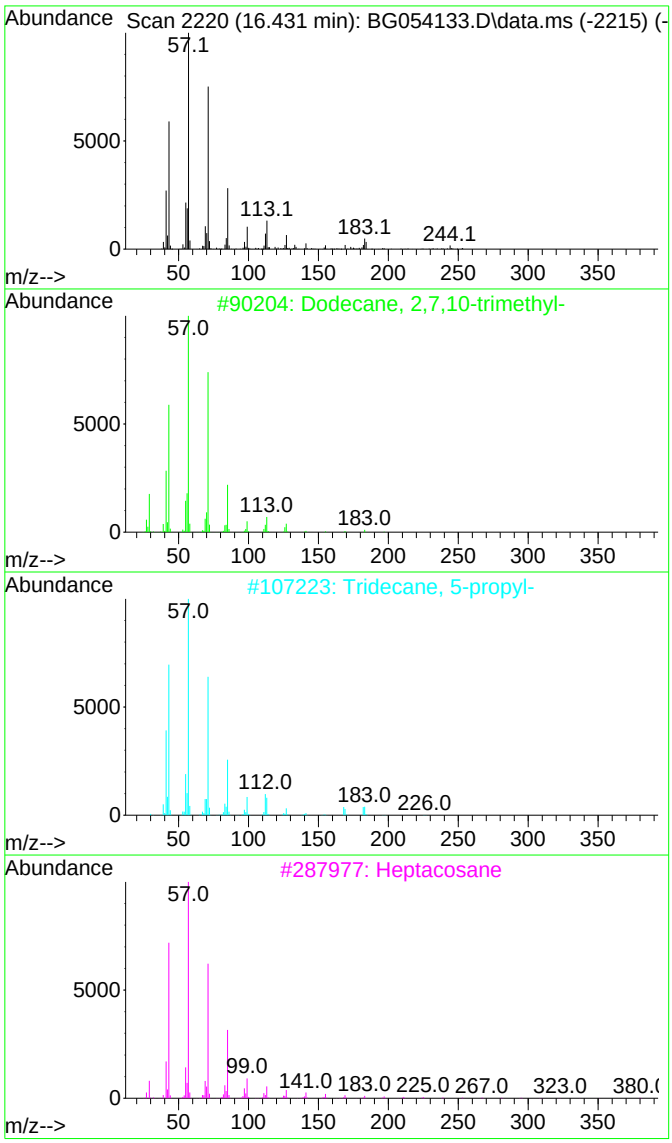
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

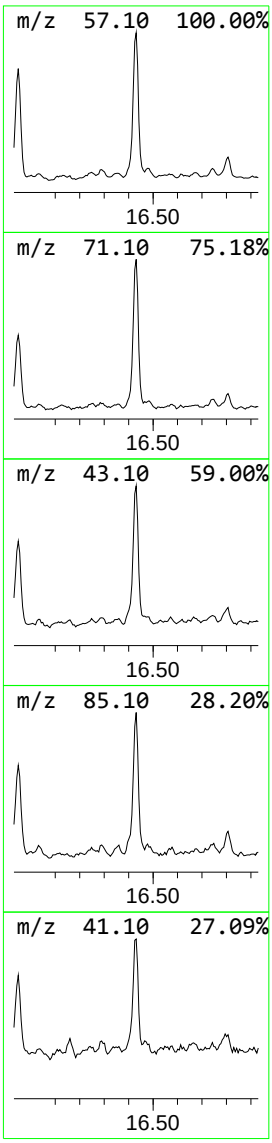
****

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.431	34.87 ng	800750	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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

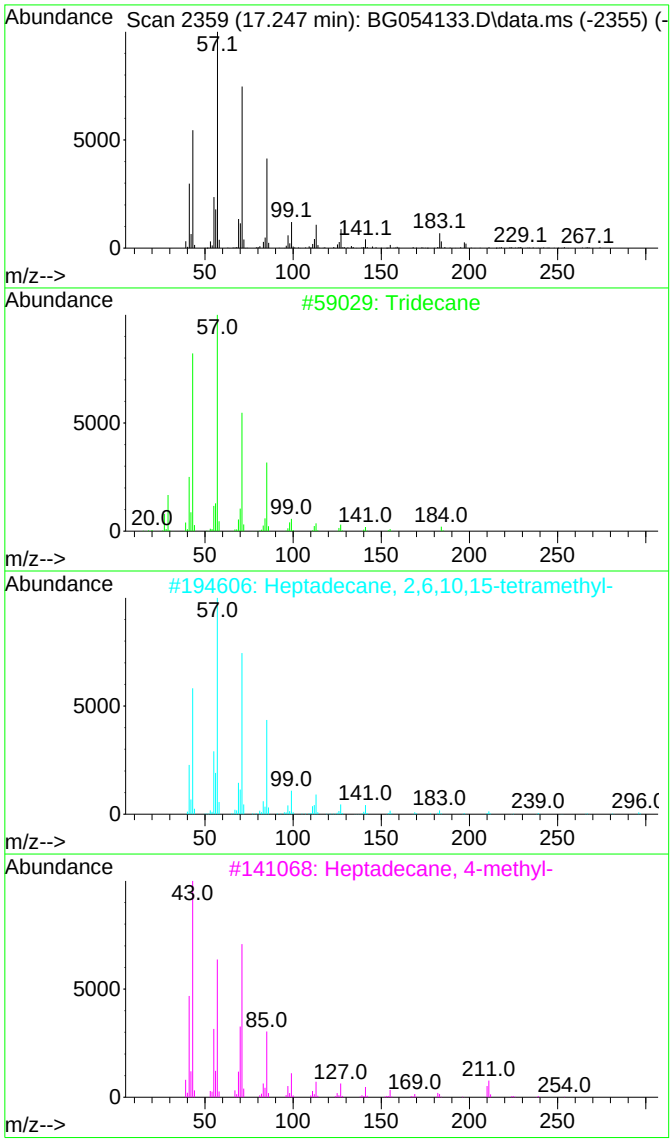
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

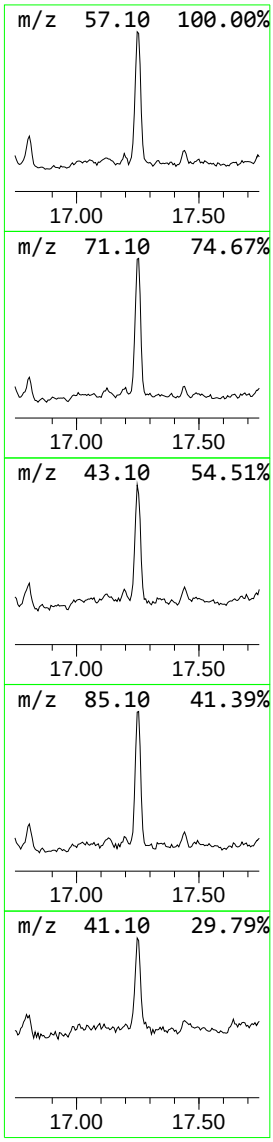
****

Peak Number 20 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.247	28.14 ng	646283	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054133.D
Acq On : 29 Jun 2022 1:23
Operator : CG/JU
Sample : N3494-31 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

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
Benzene, chloro-	5.385	9.4	ng	203774	1	8.076	434315	20.0
Triallylsilane	8.005	9.0	ng	195231	1	8.076	434315	20.0
unknown9.439	9.439	9.4	ng	204469	1	8.076	434315	20.0
1-Decanol, 2-he...	9.556	8.3	ng	275320	2	10.884	660474	20.0
Naphthalene, de...	10.068	13.0	ng	429626	2	10.884	660474	20.0
Undecane, 2,6-d...	11.043	20.8	ng	687004	2	10.884	660474	20.0
Cyclohexane, 2-...	11.384	9.5	ng	312613	2	10.884	660474	20.0
Cyclohexane, (4...	11.589	14.6	ng	480795	2	10.884	660474	20.0
Octane, 2,6-dim...	11.906	22.6	ng	747730	2	10.884	660474	20.0
Nonane, 3,7-dim...	12.782	10.3	ng	339174	2	10.884	660474	20.0
unknown12.993	12.993	12.5	ng	300434	3	14.703	479184	20.0
Dodecane, 2,7,1...	13.246	39.4	ng	943168	3	14.703	479184	20.0
Pentadecafluoro...	13.522	13.0	ng	310935	3	14.703	479184	20.0
unknown14.133	14.133	12.3	ng	293670	3	14.703	479184	20.0
Carbonic acid, ...	14.180	39.0	ng	934898	3	14.703	479184	20.0
unknown14.539	14.539	15.4	ng	369319	3	14.703	479184	20.0
Cyclohexane, (2...	15.220	14.7	ng	351991	3	14.703	479184	20.0
Pentadecane, 2,...	15.949	23.6	ng	564649	3	14.703	479184	20.0
Tridecane, 5-pr...	16.431	34.9	ng	800750	4	17.447	459275	20.0
Tridecane	17.247	28.1	ng	646283	4	17.447	459275	20.0