LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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: BG054108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.170	297	303	308	rBV	37113	66819	1.26%	0.227%
2	5.270	314	320	327	rBV2	51453	98904	1.86%	0.337%
3	5.381	333	339	351	rBV	336988	632165	11.90%	2.151%
4	5.505	356	360	368	rVB2	33054	62113	1.17%	0.211%
5	5.640	376	383	391	rBV	134971	254603	4.79%	0.866%
6	5.945	429	435	444	rVV3	32343	82645	1.56%	0.281%
7	6.028	444	449	454	rVV2	56752	112801	2.12%	0.384%
8	6.092	455	460	467	rVB3	34099	72464	1.36%	0.247%
9	6.345	495	503	510	rBV4	77528	198466	3.74%	0.675%
10	6.462	516	523	530	rVB2	39163	86704	1.63%	0.295%
11	6.562	533	540	547	rBV7	53371	155355	2.93%	0.529%
12	6.627	547	551	556	rVV	108764	181117	3.41%	0.616%
13	6.715	556	566	568	rVV5	88722	222742	4.19%	0.758%
14	6.738	568	570	579	rVV	95311	167113	3.15%	0.569%
15	6.897	591	597	602	rBV3	31827	58770	1.11%	0.200%
16	6.968	602	609	616	rVB3	48726	118255	2.23%	0.402%
17	7.062	616	625	632	rBV7	33541	89406	1.68%	0.304%
18	7.167	638	643	646	rBV4	33261	56463	1.06%	0.192%
19	7.226	646	653	669	rVV3	244210	550641	10.37%	1.874%
20	7.402	678	683	688	rVV4	38004	84450	1.59%	0.287%
21	7.461	688	693	697	rVV4	41743	79005	1.49%	0.269%
22	7.532	697	705	706	rVV6	38193	88497	1.67%	0.301%
23	7.561	707	710	719	rVV2	59185	165342	3.11%	0.563%
24	7.637	719	723	735	rVB5	40194	114308	2.15%	0.389%
25	7.796	746	750	756	rVB4	29950	57363	1.08%	0.195%
26	7.896	761	767	775	rVB5	29630	69928	1.32%	0.238%
27	8.002	775	785	788	rBV8	48744	152524	2.87%	0.519%
28	8.055	789	794	802	rVV2	187323	439769	8.28%	1.497%
29	8.143	804	809	815	rVB3	46306	98635	1.86%	0.336%
30	8.266	825	830	835	rVB3	69895	109934	2.07%	0.374%
31	8.331	835	841	843	rBV2	43321	74763	1.41%	0.254%
32	8.366	843	847	853	rVV3	66095	116567	2.19%	0.397%
33	8.431	853	858	865	rVB3	75773	157124	2.96%	0.535%
34	8.519	866	873	878	rBV7	22318	58156	1.10%	0.198%
35	8.636	890	893	902	rVB5	61951	121735	2.29%	0.414%
36	8.918	936	941	945	rBV2	62073	117728	2.22%	0.401%

LSC Area Percent Report

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Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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	9.183	976	986	991	rBV2	203213	501946	9.45%	1.708%
38	9.230	991	994	998	rVV	109517	199350	3.75%	0.678%
39	9.277	999	1002	1010	rVV5	73780	150335	2.83%	0.512%
40	9.429	1018	1028	1037	rBV6	87391	331073	6.23%	1.127%
41	9.553	1037	1049	1055	rBV7	60363	204339	3.85%	0.695%
42	9.664	1057	1068	1071	rBV10	40416	117878	2.22%	0.401%
43	9.717	1071	1077	1082	rVV2	89707	180477	3.40%	0.614%
44	9.805	1088	1092	1096	rVB3	63109	95329	1.79%	0.324%
45	9.964	1110	1119	1123	rBV4	69704	172651	3.25%	0.588%
46	10.005	1123	1126	1131	rVB2	69624	110255	2.08%	0.375%
47	10.064	1131	1136	1144	rBV5	154374	322747	6.08%	1.098%
48	10.281	1168	1173	1179	rBV2	100547	198769	3.74%	0.676%
49	10.469	1199	1205	1209	rBV7	63046	134095	2.52%	0.456%
50	10.587	1219	1225	1229	rBV	86450	179734	3.38%	0.612%
51	10.669	1235	1239	1244	rVB3	35516	54228	1.02%	0.185%
52	10.751	1249	1253	1255	rBV4	40214	60911	1.15%	0.207%
53	10.881	1266	1275	1278	rBV3	175741	444446	8.37%	1.513%
54	10.945	1278	1286	1293	rVV	2499404	5310948	100.00%	18.074%
55	10.998	1293	1295	1298	rVV2	53637	81953	1.54%	0.279%
56	11.045	1298	1303	1308	rVB	206952	344947	6.50%	1.174%
57	11.104	1308	1313	1320	rBV5	86589	162483	3.06%	0.553%
58	11.257	1335	1339	1343	rBV5	36223	71880	1.35%	0.245%
59	11.310	1345	1348	1353	rVV3	59866	118088	2.22%	0.402%
60	11.380	1356	1360	1366	rVB2	94464	172267	3.24%	0.586%
61	11.586	1385	1395	1402	rVB9	136109	395757	7.45%	1.347%
62	11.656	1403	1407	1412	rVB5	48025	82444	1.55%	0.281%
63	11.721	1413	1418	1424	rBV4	57941	130154	2.45%	0.443%
64	11.903	1444	1449	1453	rBV	282722	466338	8.78%	1.587%
65	11.985	1460	1463	1470	rVB3	82492	138436	2.61%	0.471%
66	12.073	1474	1478	1485	rVB4	77427	151317	2.85%	0.515%
67	12.167	1490	1494	1498	rBV3	83697	118537	2.23%	0.403%
68	12.514	1547	1553	1564	rVB4	151201	443913	8.36%	1.511%
69	12.620	1566	1571	1575	rBV6	54462	119743	2.25%	0.408%
70	12.749	1588	1593	1602	rVB2	161541	349974	6.59%	1.191%
71	13.243	1672	1677	1683	rVB3	376741	604485	11.38%	2.057%
72	13.319	1686	1690	1696	rVB	290136	447993	8.44%	1.525%
73	13.513	1718	1723	1727	rBV6	101340	227031	4.27%	0.773%
74	13.877	1779	1785	1789	rBV2	80454	184893	3.48%	0.629%
75	14.024	1806	1810	1814	rVB	165791	256389	4.83%	0.873%
76	14.077	1815	1819	1824	rVB	187223	321168	6.05%	1.093%

LSC Area Percent Report

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Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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	14.130	1825	1828	1832	rBV2	98502	146491	2.76%	0.499%
78	14.183	1832	1837	1841	rVB	397548	575240	10.83%	1.958%
79	14.394	1870	1873	1875	rBV3	55464	71117	1.34%	0.242%
80	14.535	1893	1897	1902	rVB2	148310	234552	4.42%	0.798%
81	14.700	1916	1925	1931	rBV2	305261	753115	14.18%	2.563%
82	15.093	1989	1992	1997	rVB2	194111	290199	5.46%	0.988%
83	15.217	2009	2013	2022	rVB6	150293	273571	5.15%	0.931%
84	15.317	2025	2030	2035	rBV	166560	317643	5.98%	1.081%
85	15.740	2098	2102	2106	rBV2	111959	193332	3.64%	0.658%
86	15.951	2134	2138	2144	rVB2	279875	460390	8.67%	1.567%
87	16.427	2214	2219	2224	rVB	518644	829817	15.62%	2.824%
88	17.250	2355	2359	2369	rVB	409641	690662	13.00%	2.350%
89	17.444	2387	2392	2396	rBV	354962	571076	10.75%	1.943%
90	17.485	2396	2399	2407	rVB	182167	290098	5.46%	0.987%
91	19.494	2738	2741	2746	rVB	301784	412908	7.77%	1.405%
92	19.829	2795	2798	2800	rBV2	214867	260987	4.91%	0.888%
93	20.052	2832	2836	2841	rVB	488882	655514	12.34%	2.231%
94	20.358	2885	2888	2893	rVB2	342219	425883	8.02%	1.449%
95	20.851	2969	2972	2976	rVB	407868	498876	9.39%	1.698%
96	21.368	3056	3060	3070	rVB	483846	765240	14.41%	2.604%
97	21.921	3150	3154	3160	rVB	385003	580245	10.93%	1.975%
98	22.538	3255	3259	3266	rVB	340235	554177	10.43%	1.886%

Sum of corrected areas: 29384208

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
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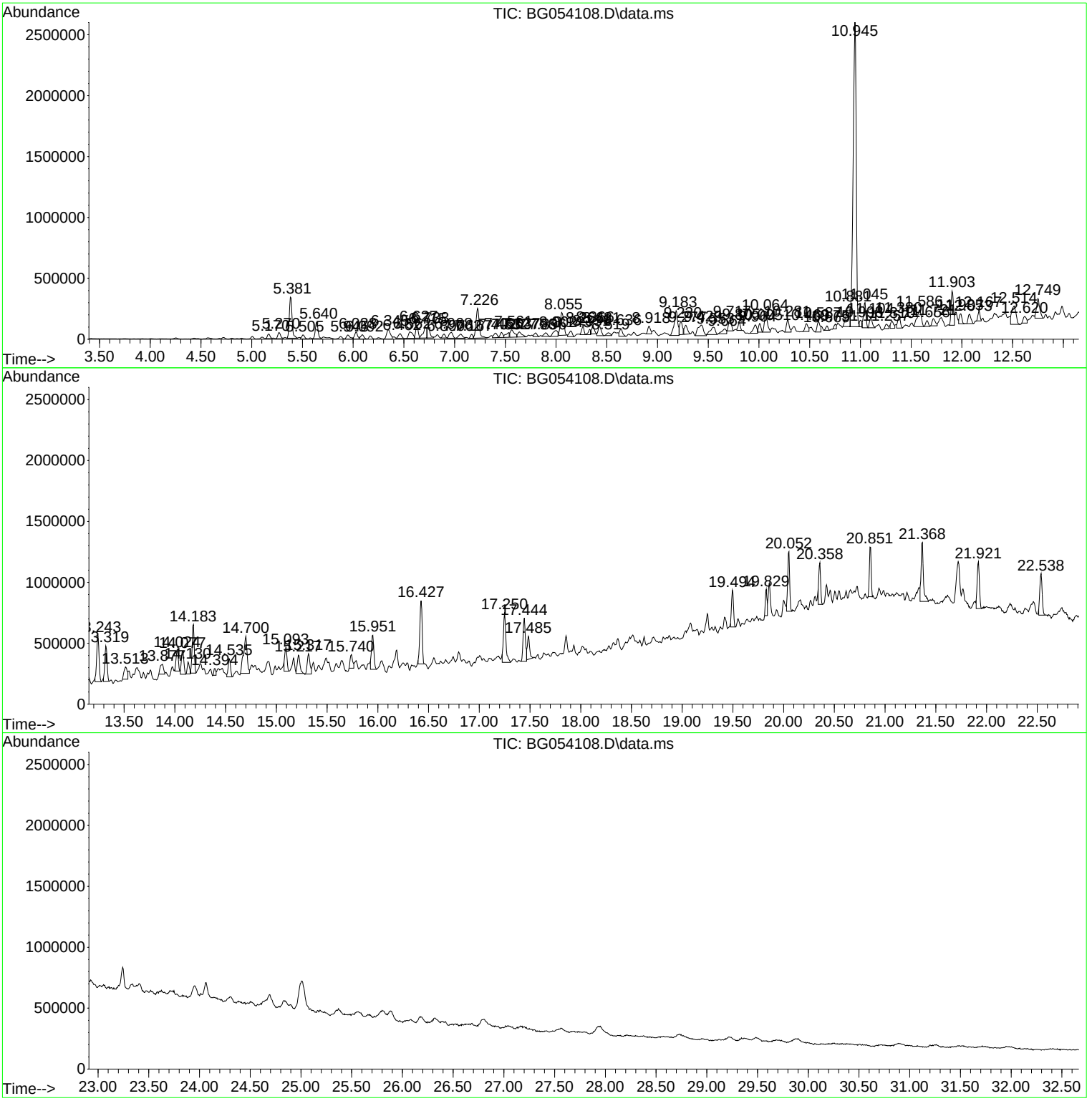
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

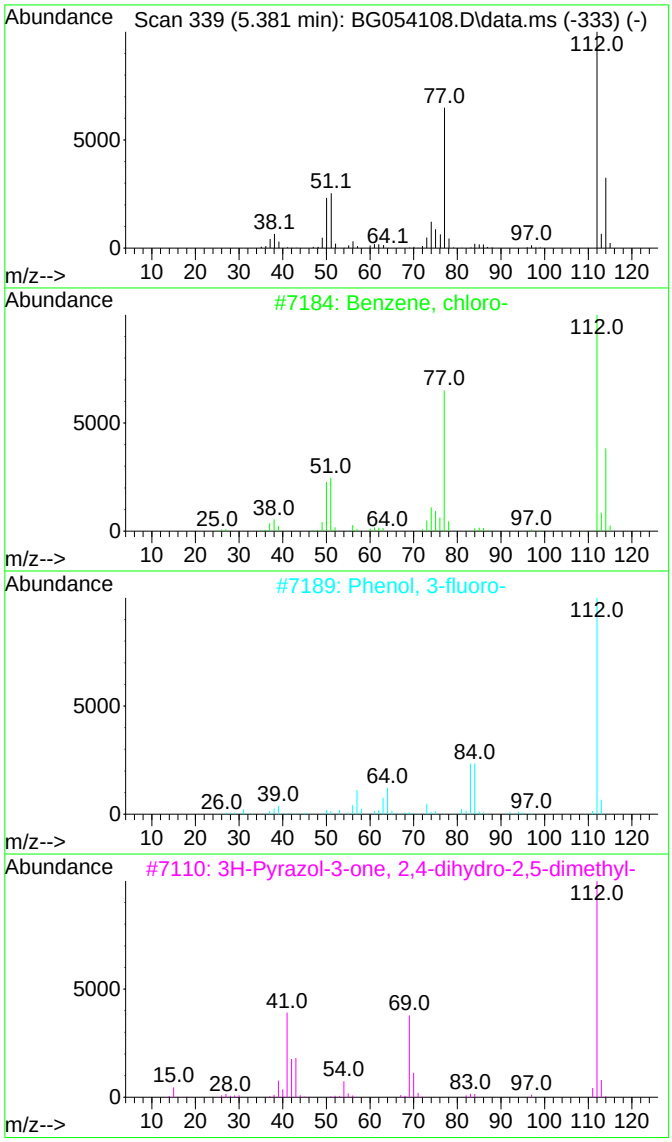
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

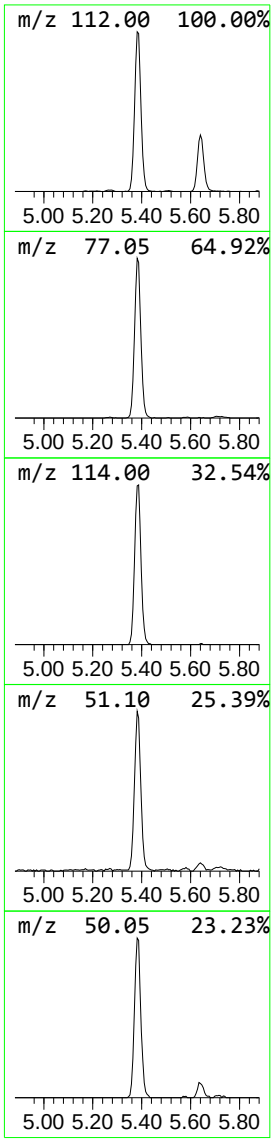
****

Peak Number 1 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.381	28.75 ng	632165	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	3H-Pyrazol-3-one, 2,4-dihydro-2,...	112	C5H8N2O	002749-59-9	16
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	16
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

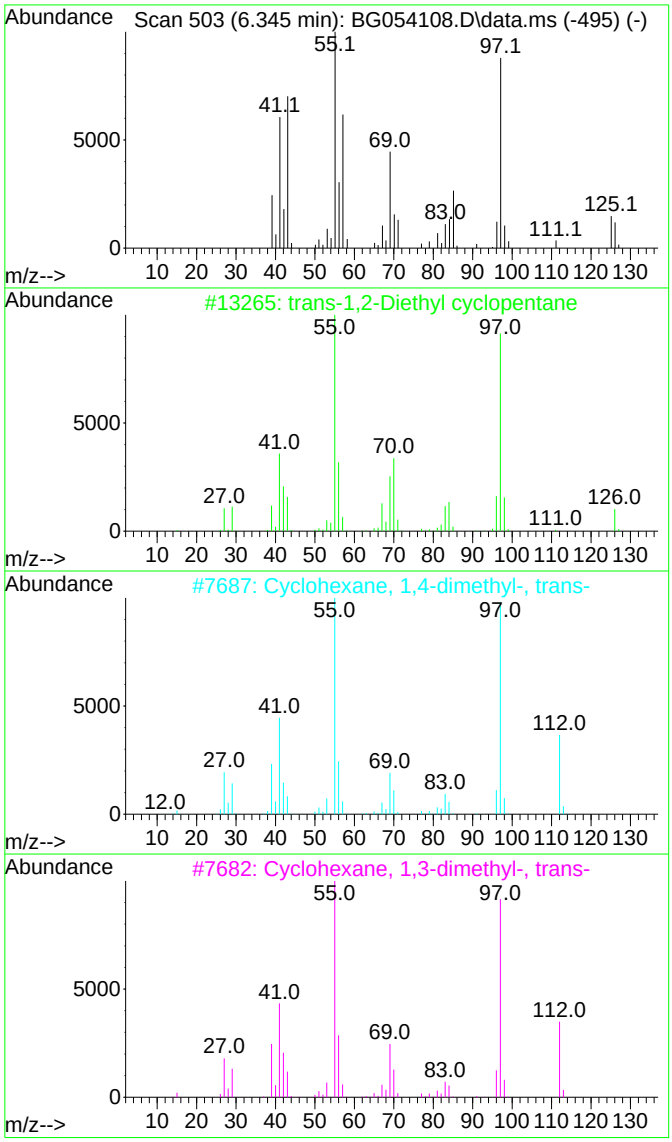
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

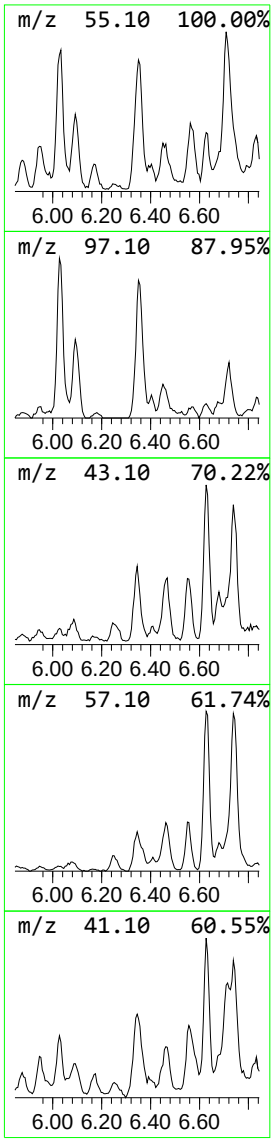
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 trans-1,2-Diethyl cyclopentane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	9.03 ng	198466	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	68
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
4	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	59
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

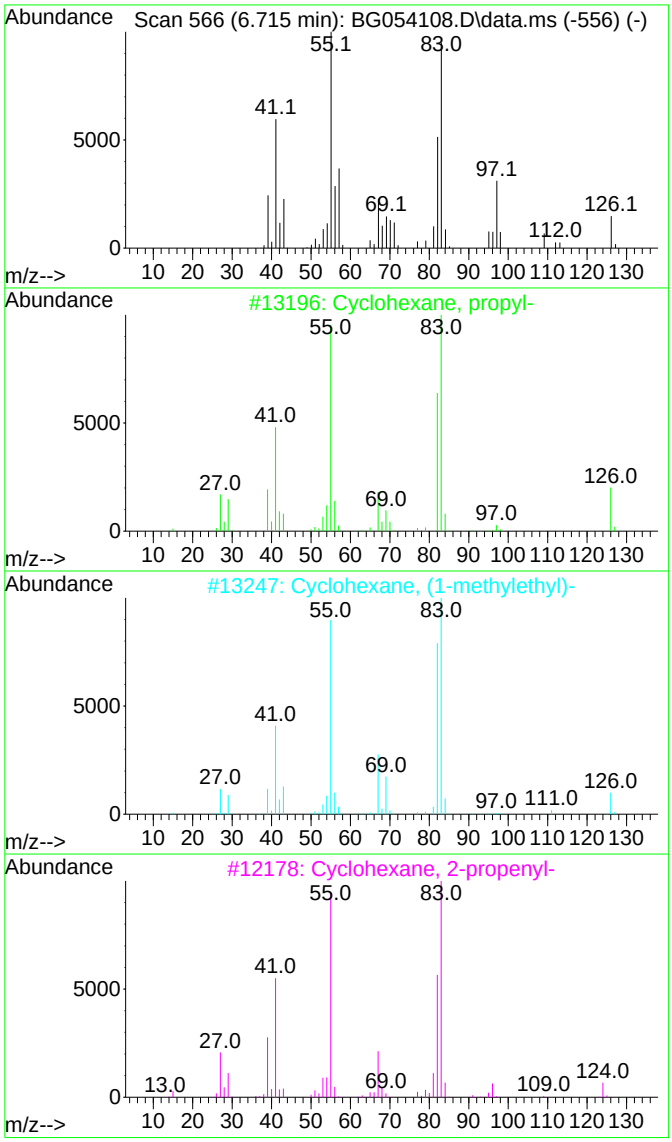
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

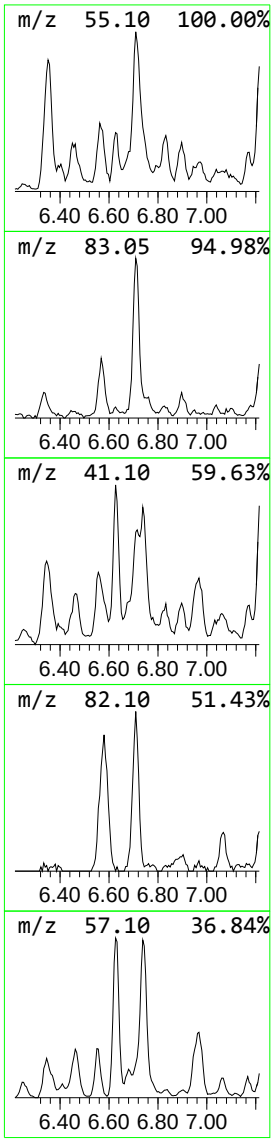
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.715	10.13 ng	222742	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

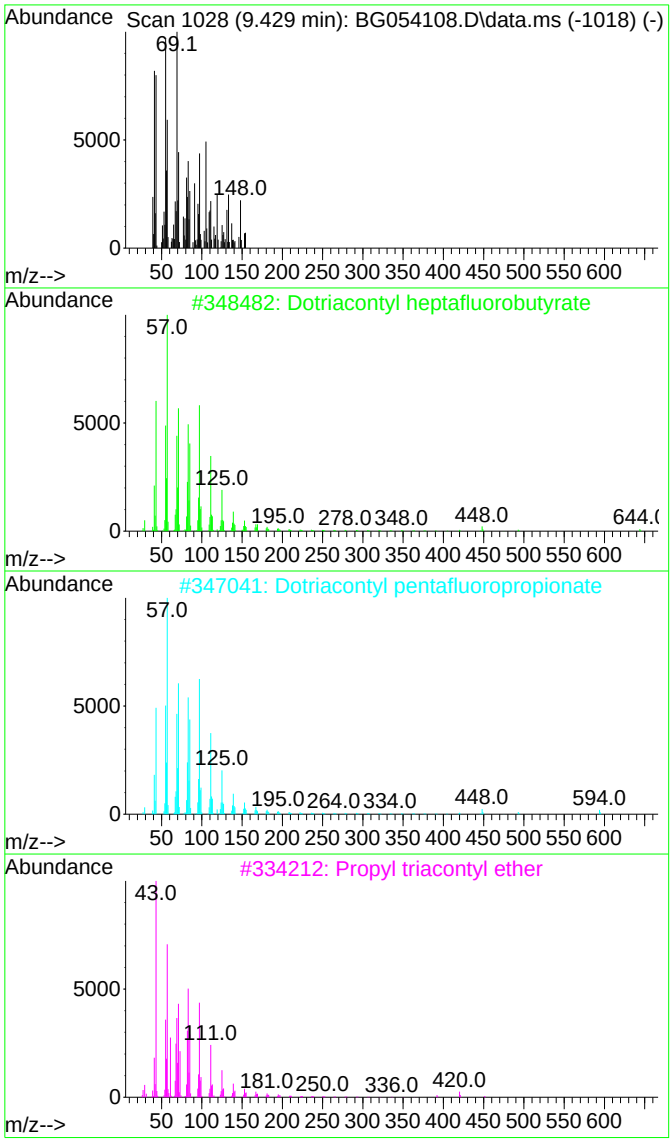
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

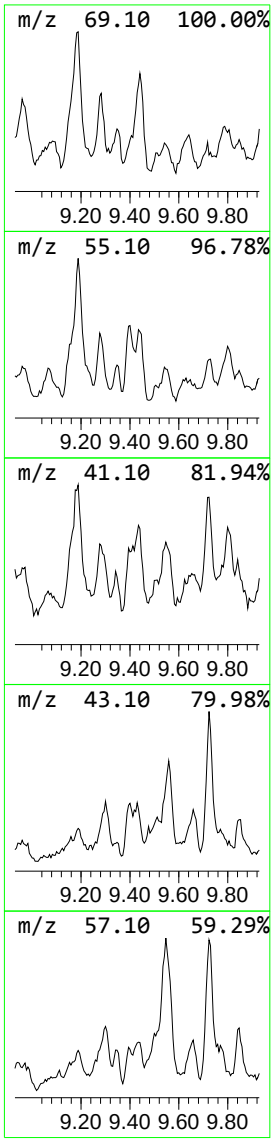
****

Peak Number 4 unknown9.429 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.429	15.06 ng	331073	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	45
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	45
3	Propyl triacontyl ether	481	C33H68O	1000406-28-6	45
4	Dotriacontyl propyl ether	509	C35H72O	1000406-28-7	45
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

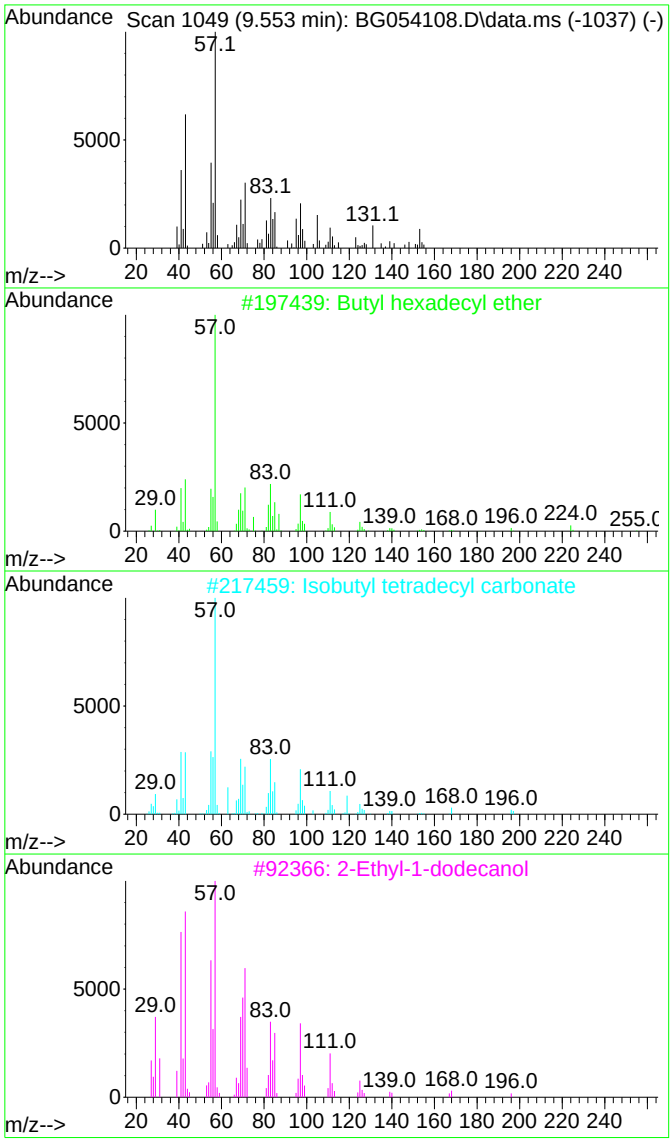
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

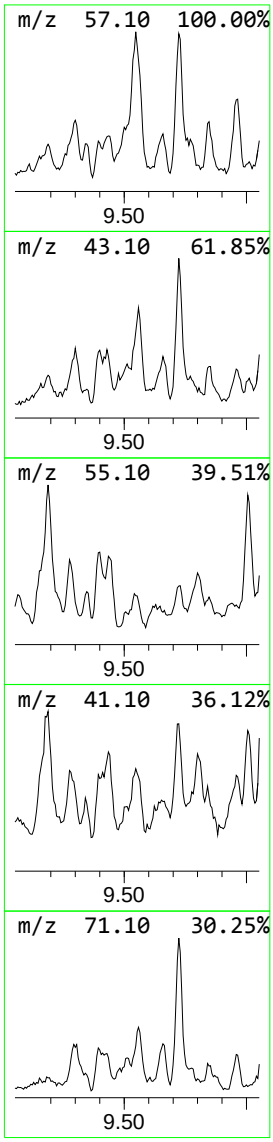
****

Peak Number 5 Butyl hexadecyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.553	9.20 ng	204339	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	72
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	64
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	49
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47





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Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

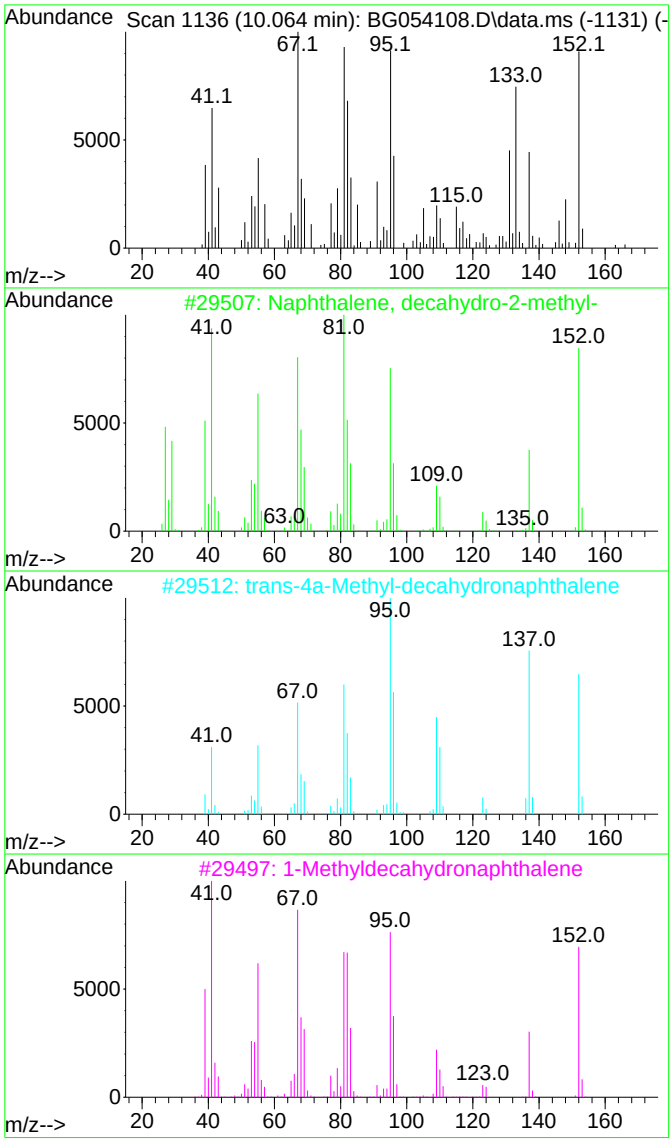
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

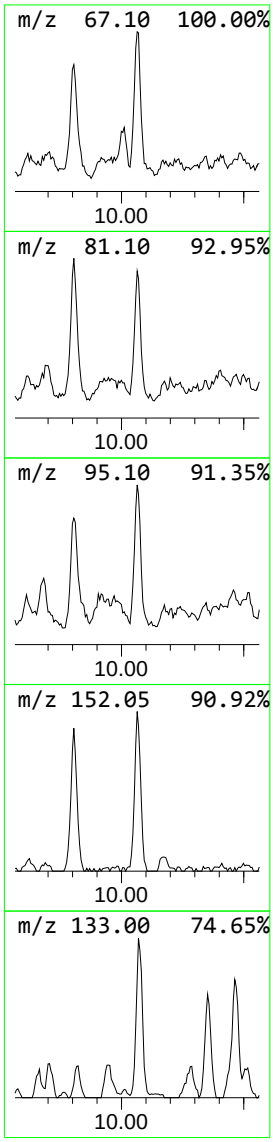
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.064	14.52 ng	322747	Naphthalene-d8	10.887

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	78
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	55
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	52





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Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

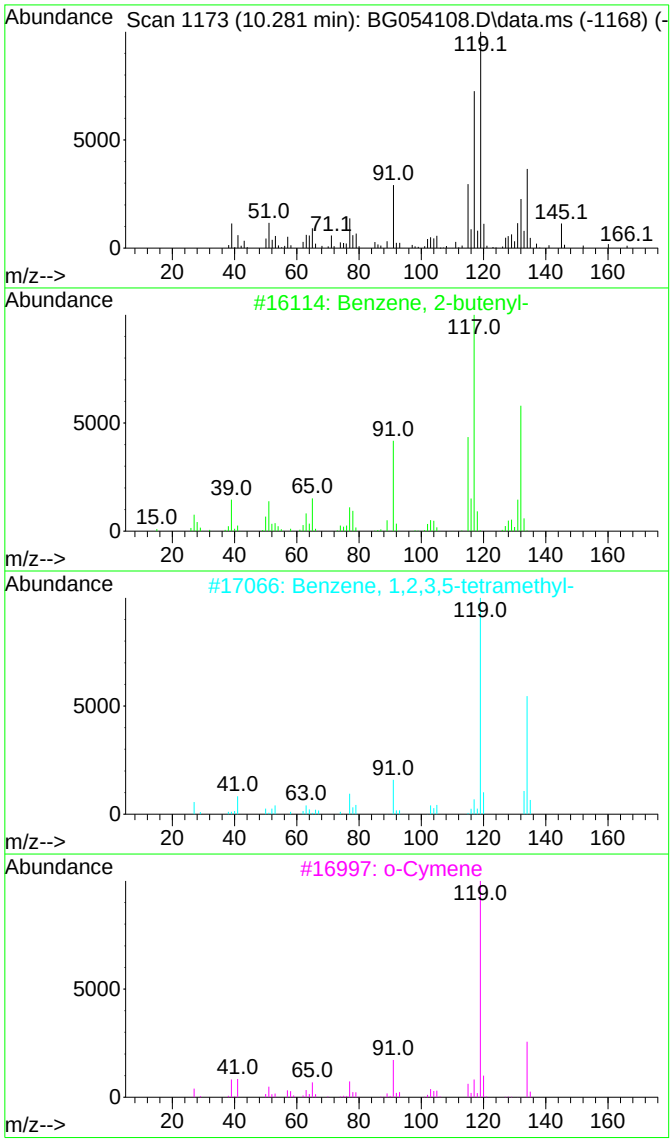
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

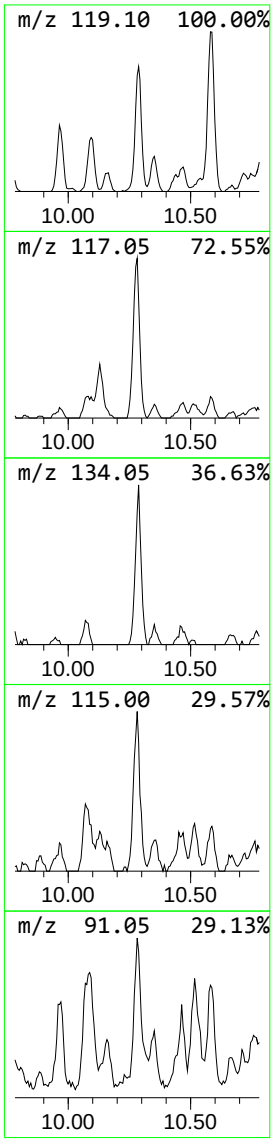
****

Peak Number 7 Benzene, 2-butenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	8.94 ng	198769	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55
3	o-Cymene	134	C10H14	000527-84-4	55
4	p-Cymene	134	C10H14	000099-87-6	55
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53





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Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

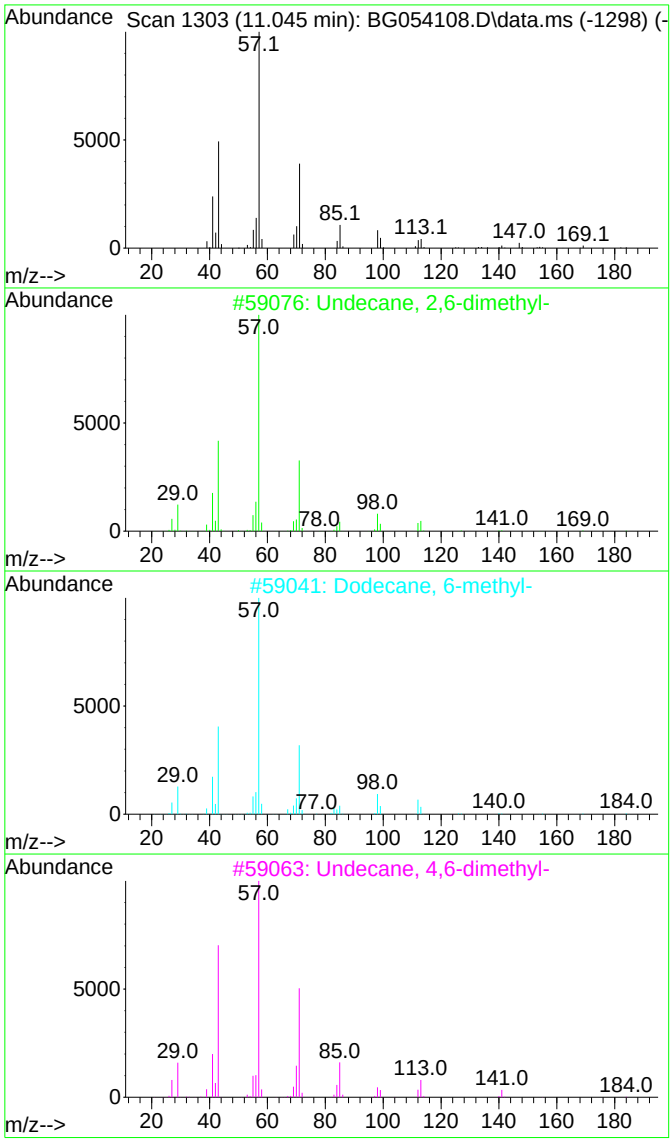
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

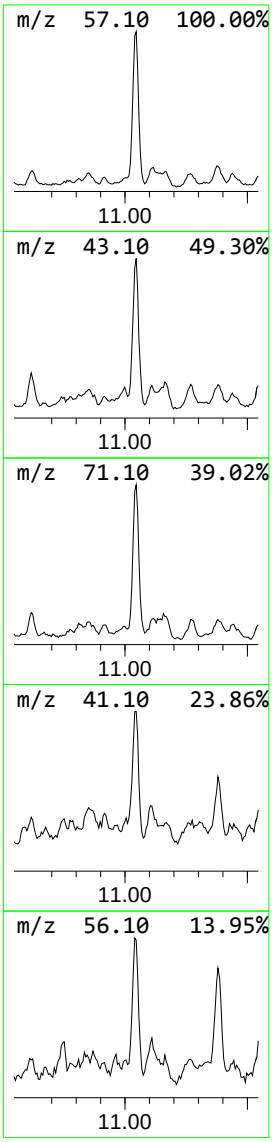
****

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.045	15.52 ng	344947	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	93
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	91
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	90





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Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

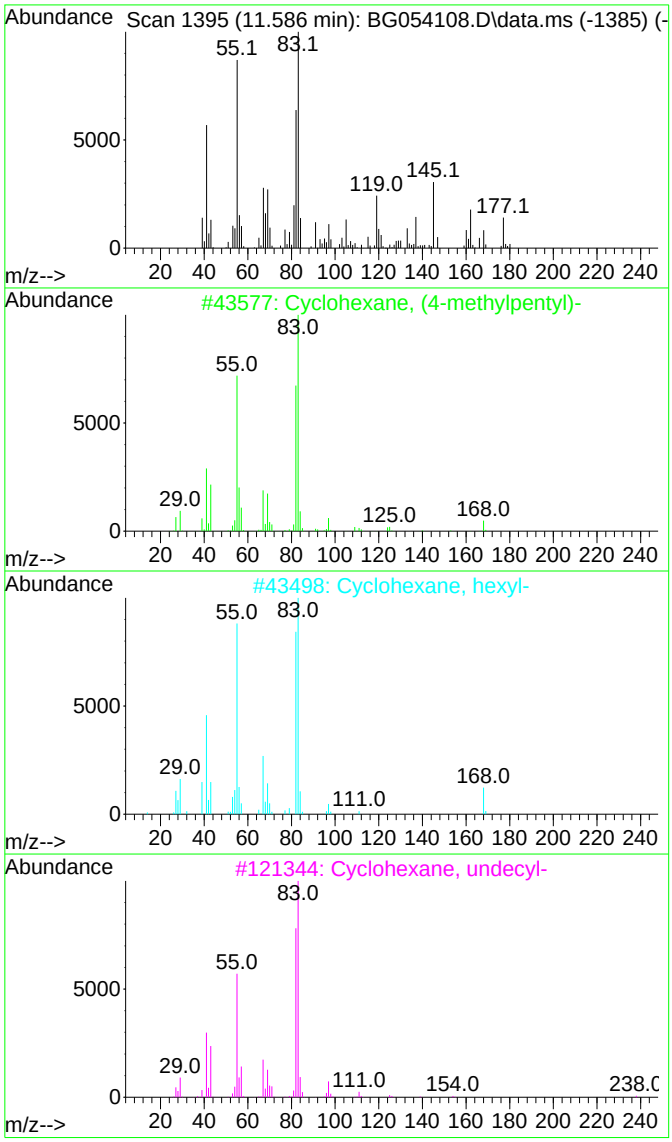
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

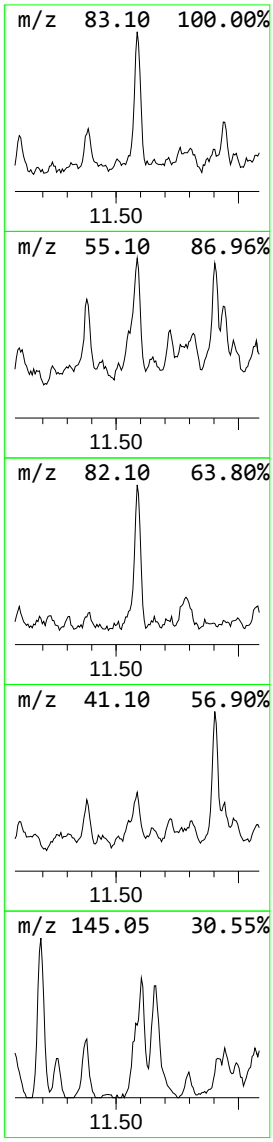
****

Peak Number 9 unknown11.586 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	17.81 ng	395757	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	47
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	47





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Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

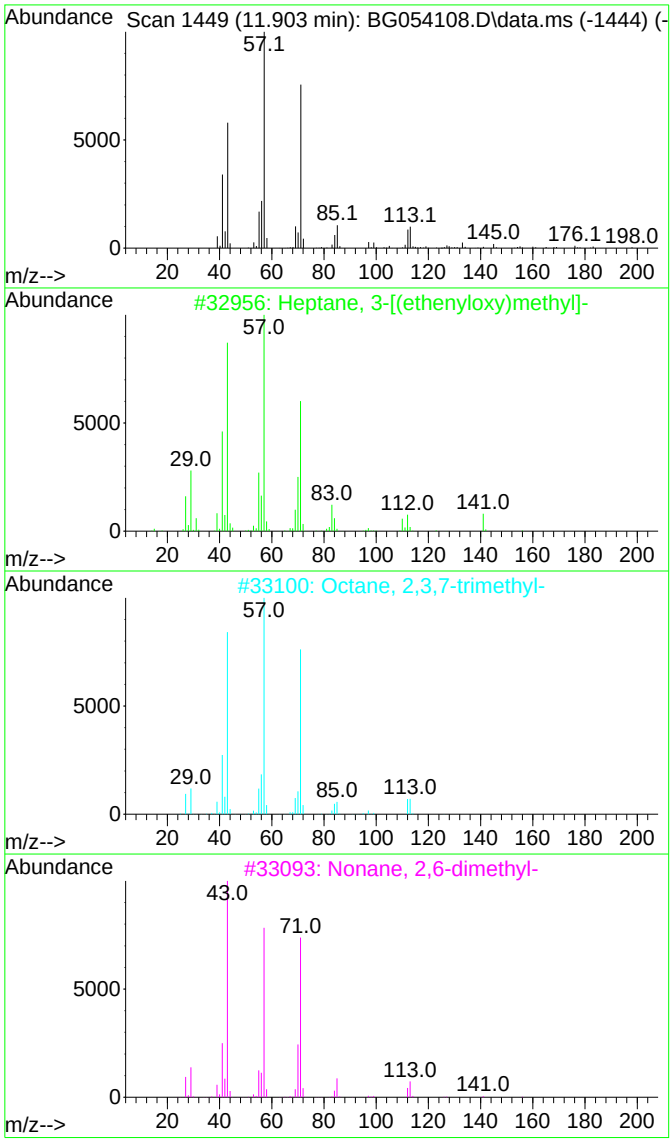
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

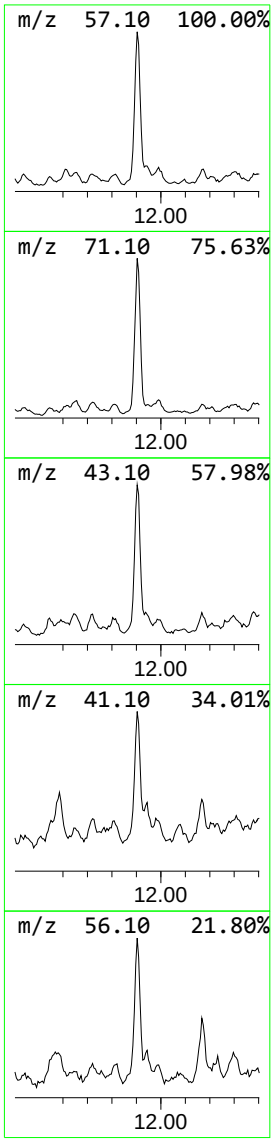
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Heptane, 3-[(ethenyloxy)met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.903	20.99 ng	466338	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	80
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

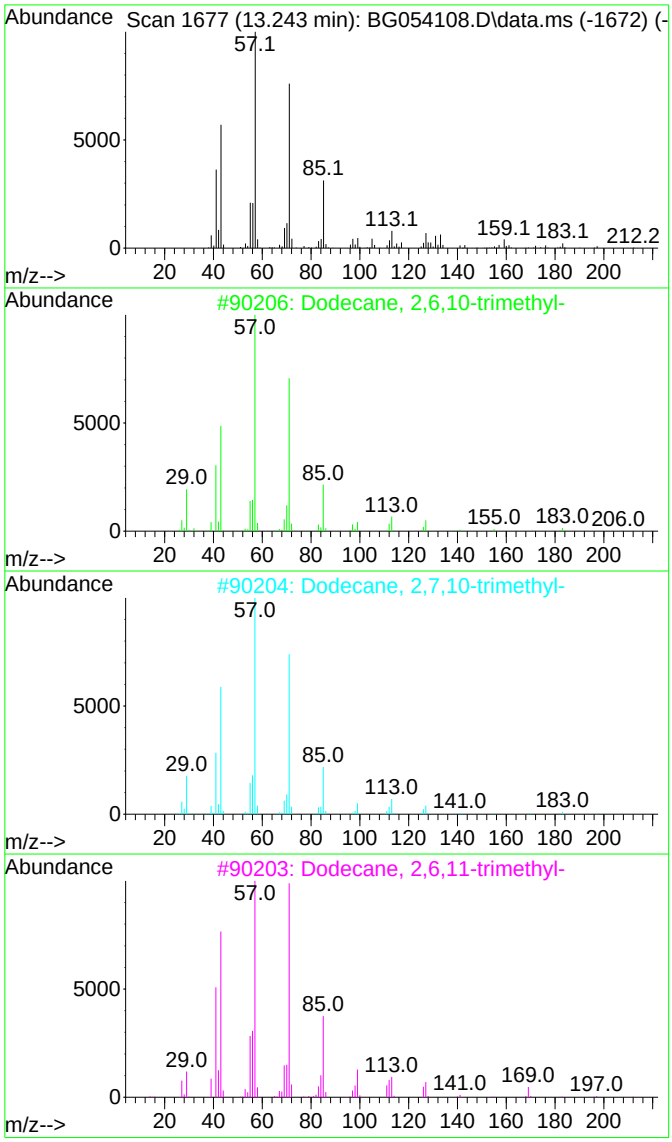
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

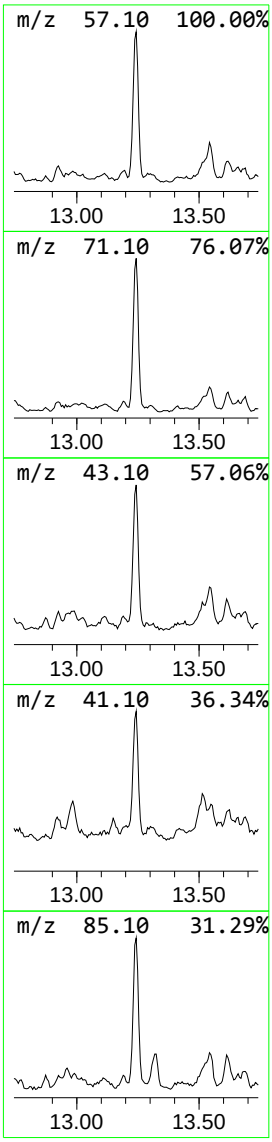
****

Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	16.05 ng	604485	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60





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Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

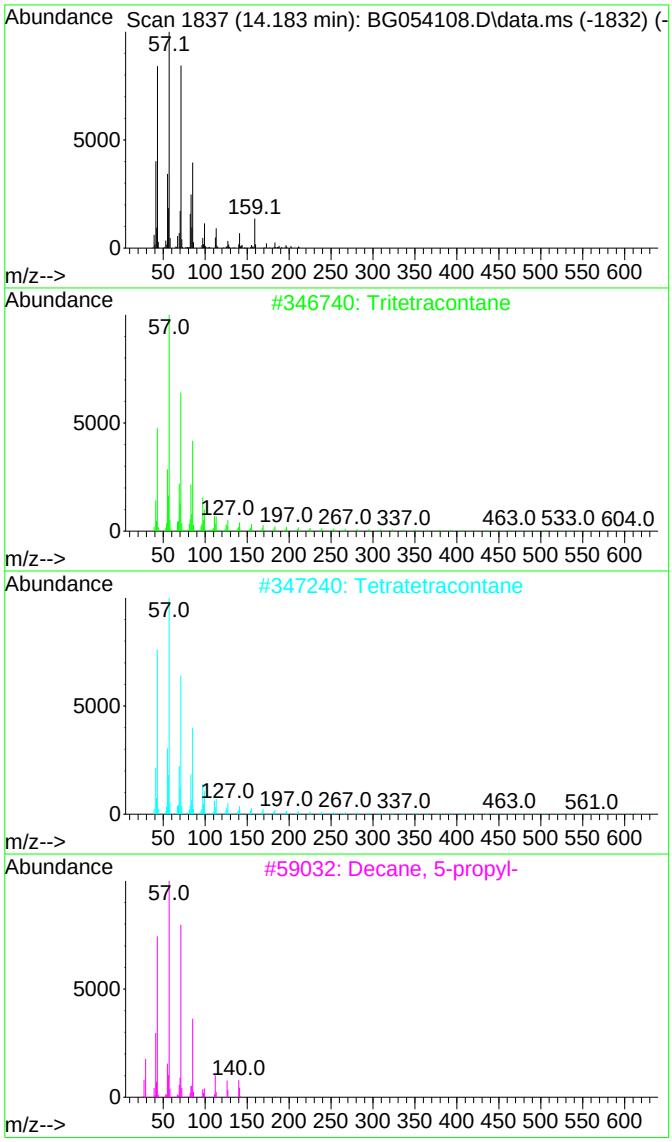
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

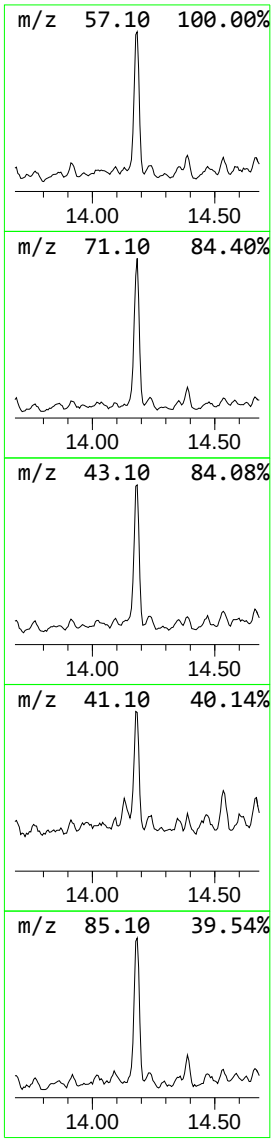
****

Peak Number 12 Tritetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.183	15.28 ng	575240	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	76
4	Dodecane	170	C12H26	000112-40-3	74
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

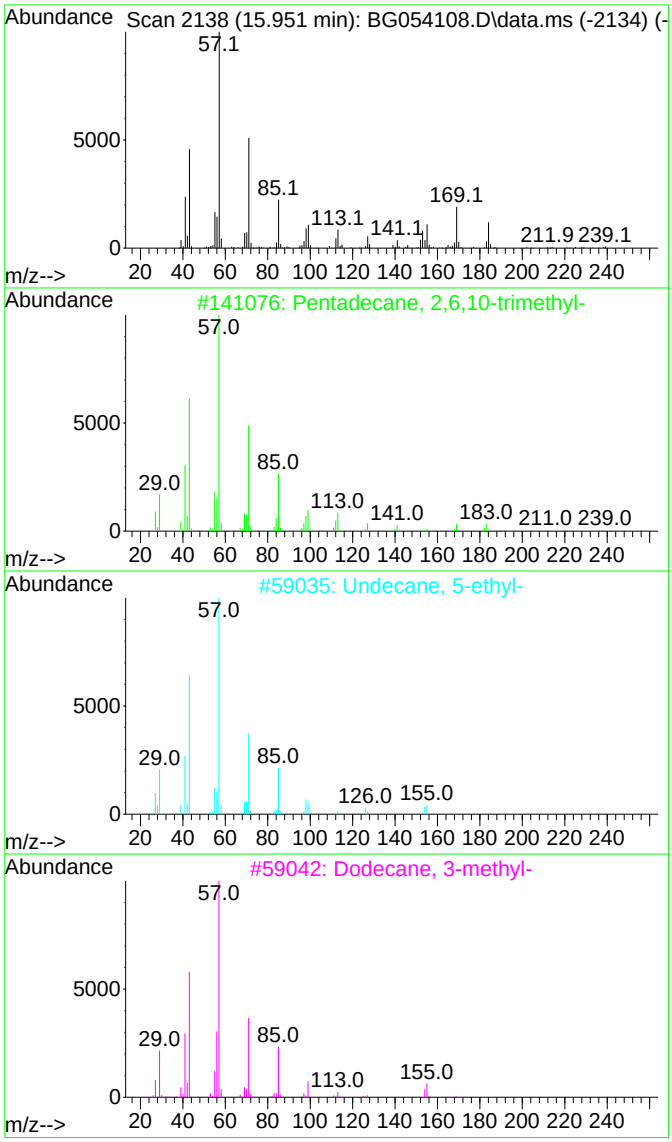
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

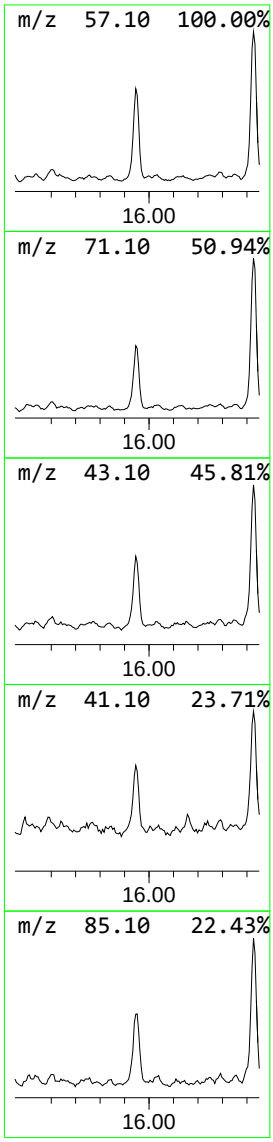
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	12.23 ng	460390	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	52
4	Heptacosane	380	C27H56	000593-49-7	52
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49





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Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

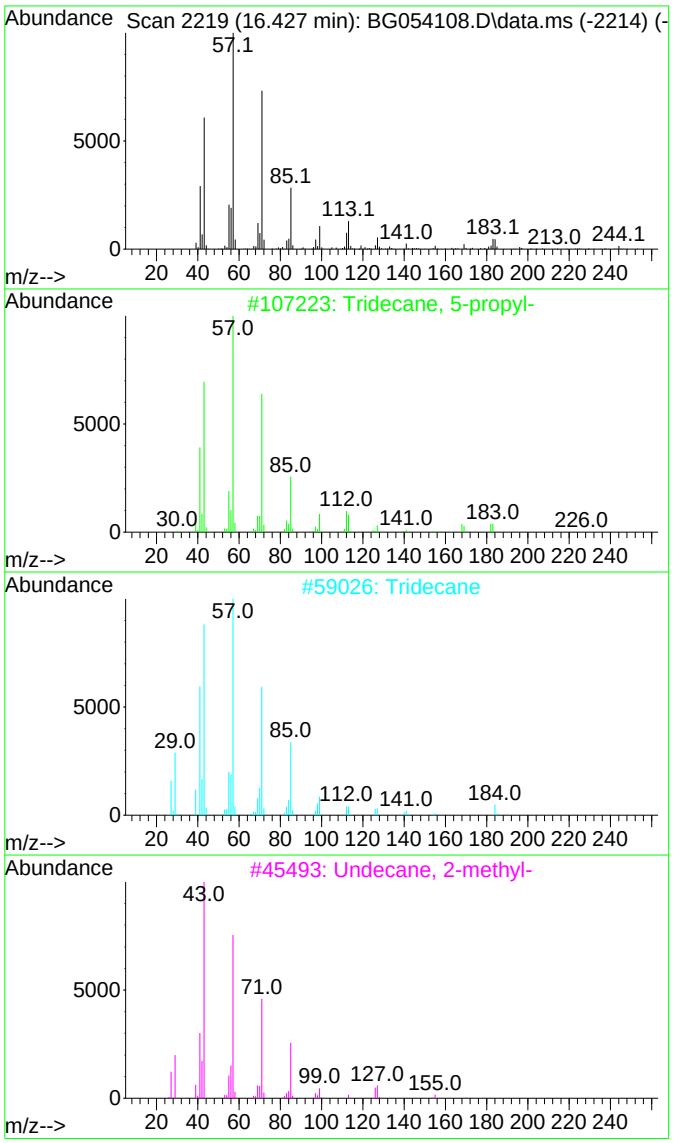
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

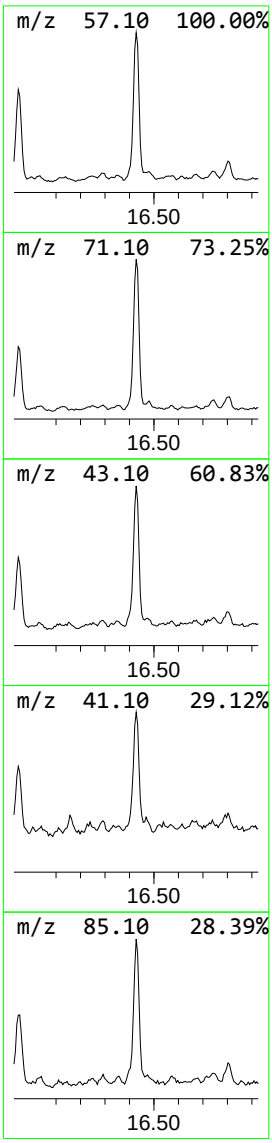
****

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	29.06 ng	829817	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64





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Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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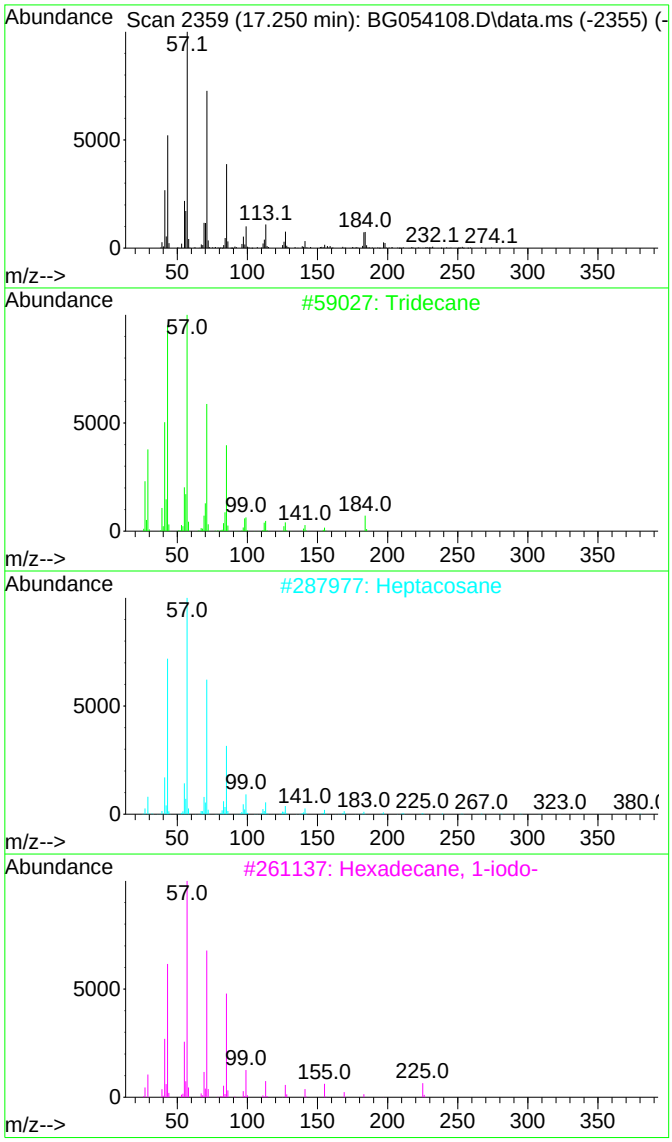
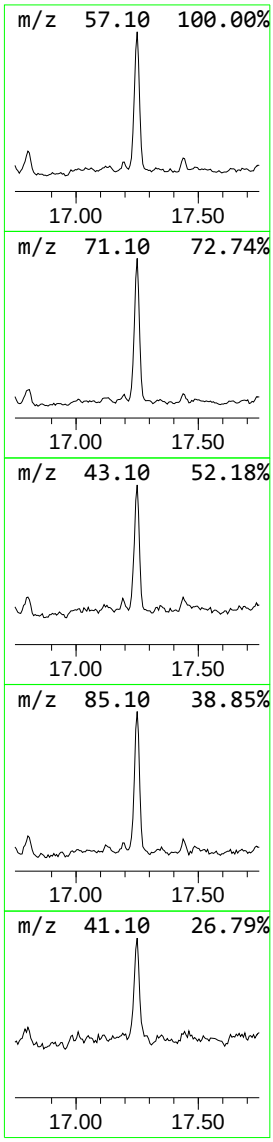
Peak Number 15 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	24.19 ng	690662	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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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

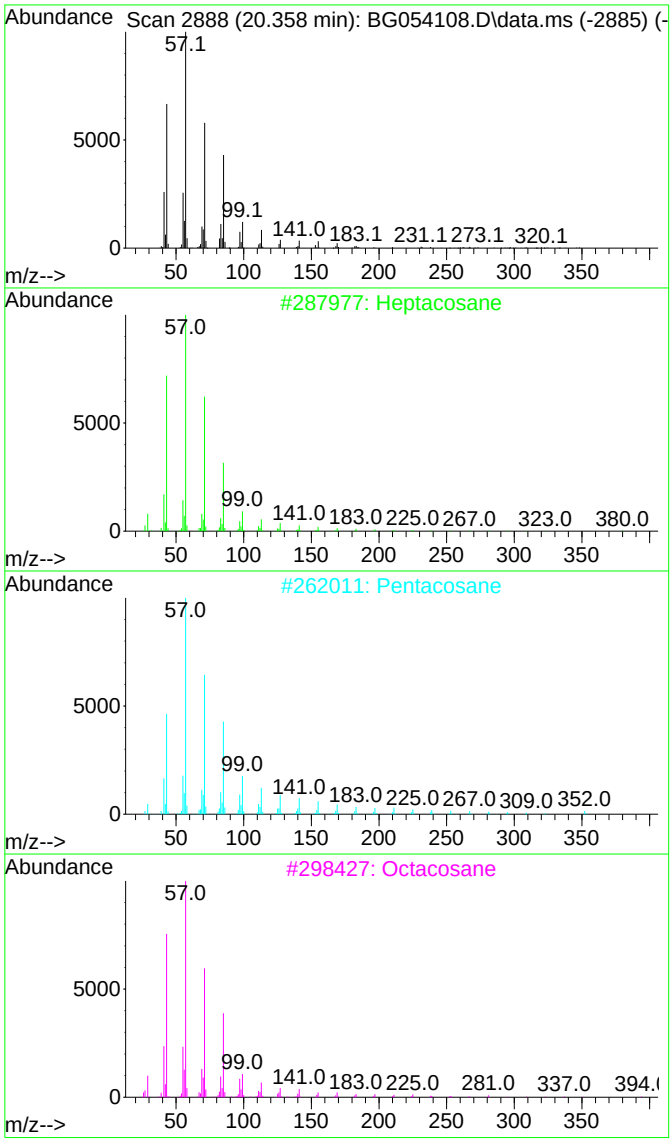
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

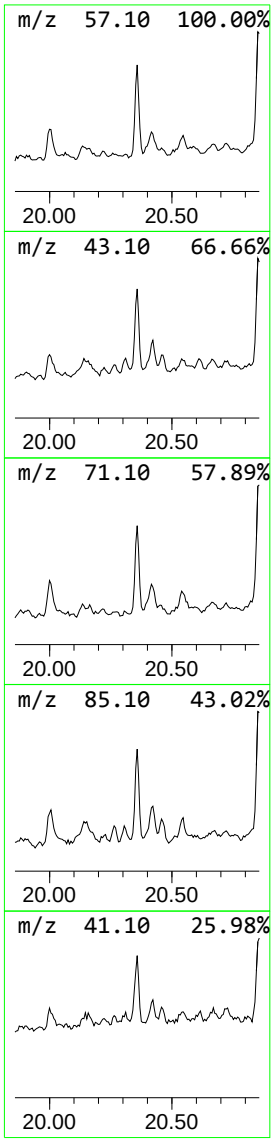
****

Peak Number 16 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.358	14.68 ng	425883	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

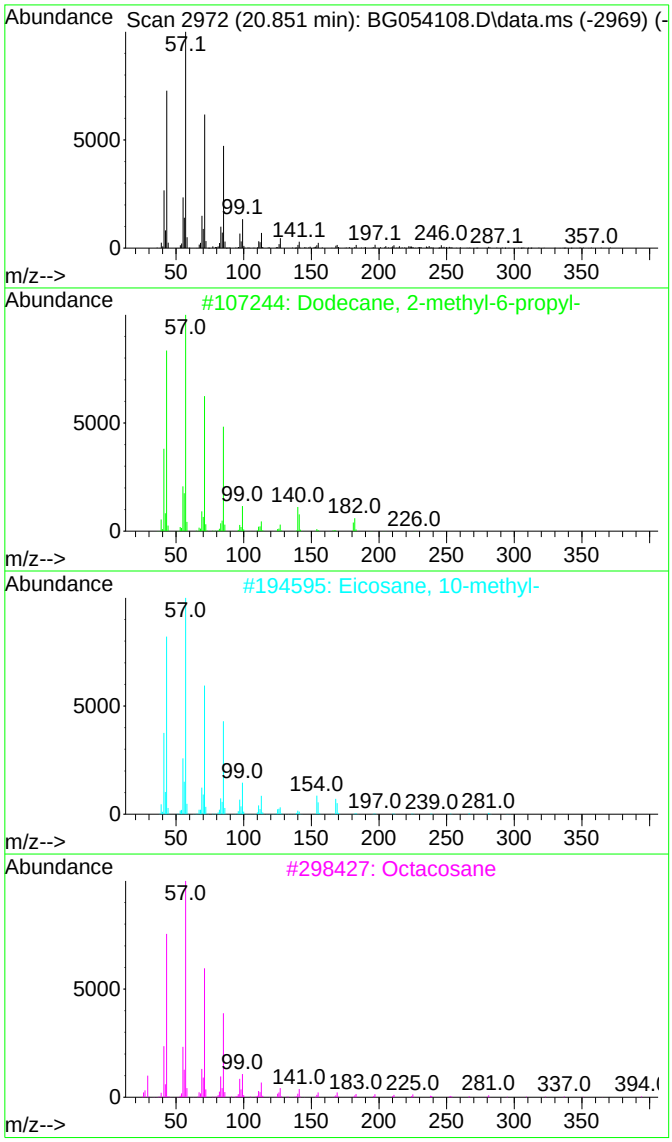
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

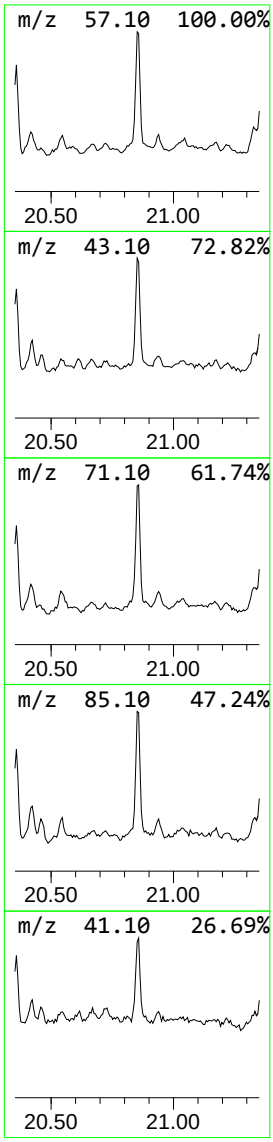
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.851	17.20 ng	498876	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83





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Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

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

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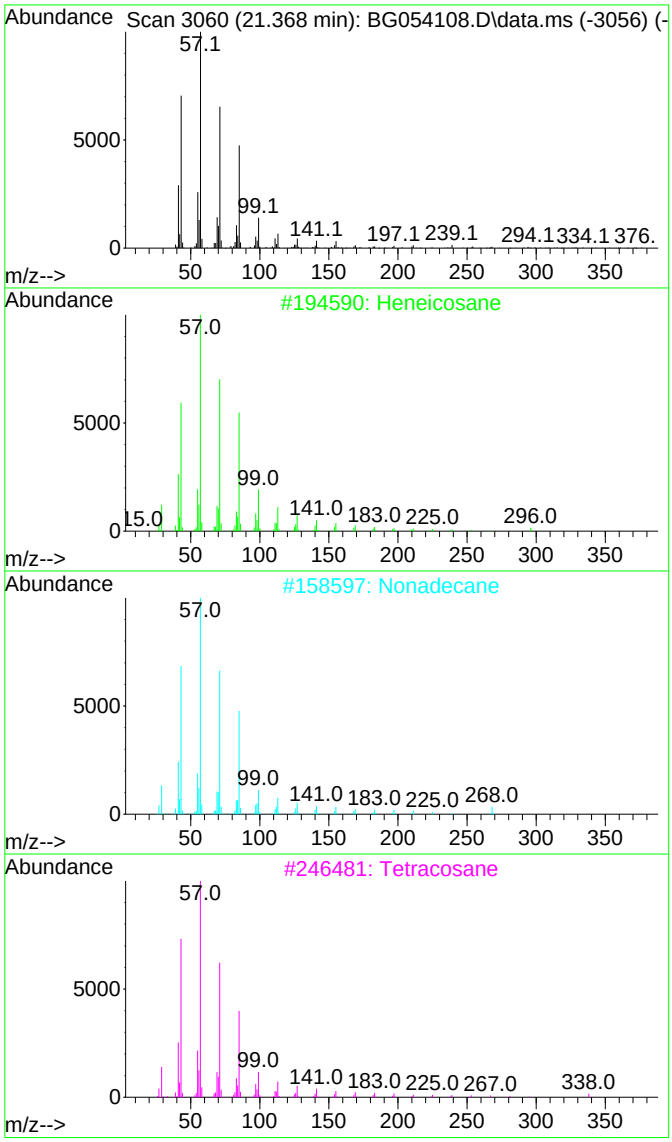
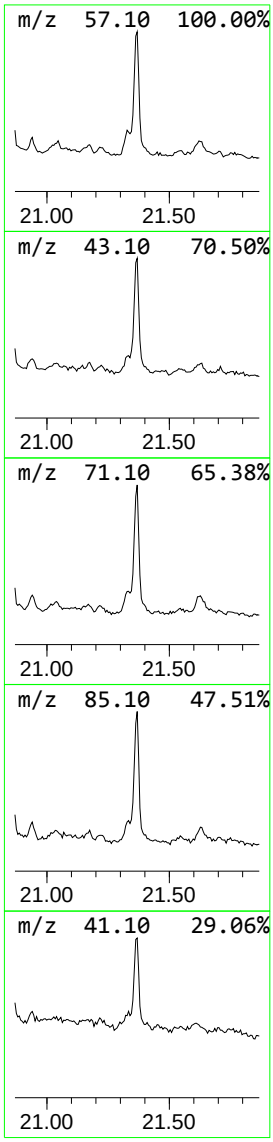
Peak Number 18 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.368	26.38 ng	765240	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Nonadecane	268	C19H40	000629-92-5	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

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

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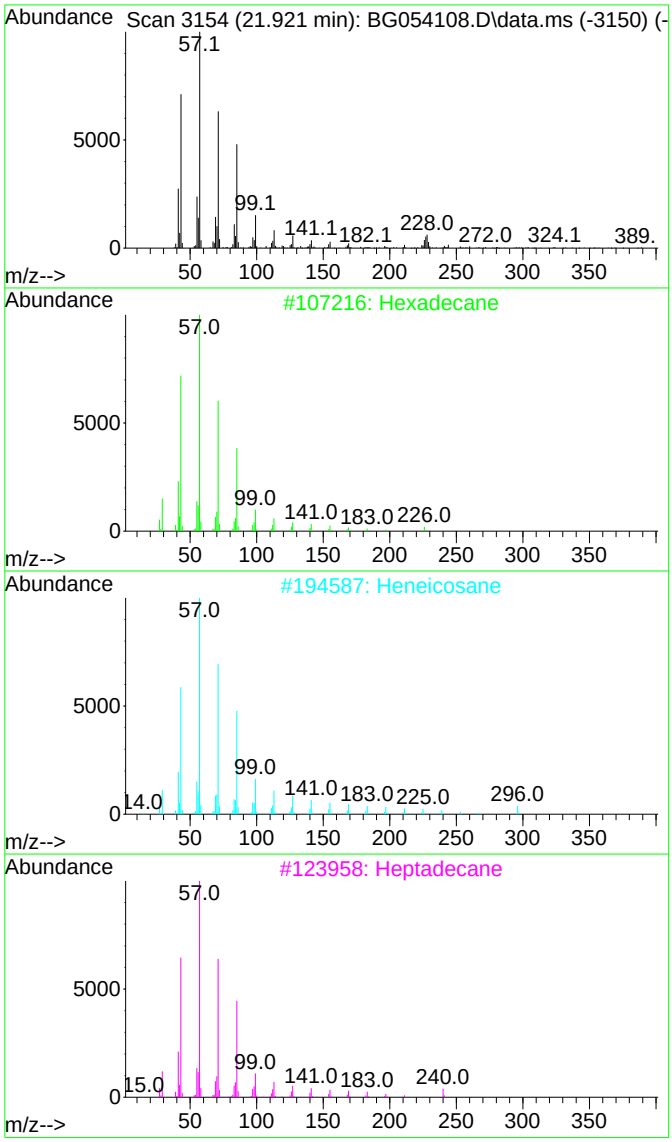
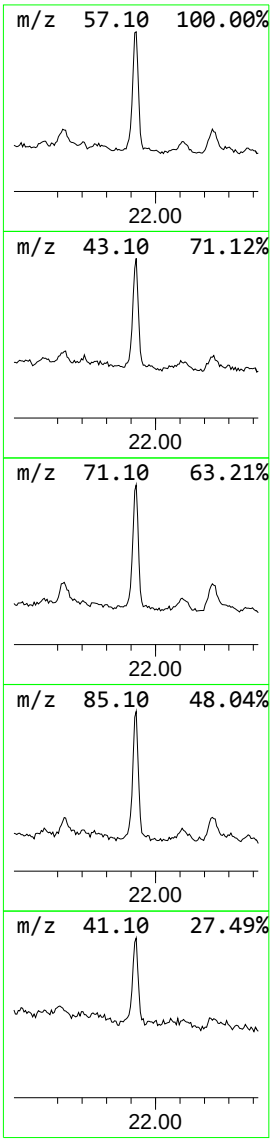
Peak Number 19 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.921	20.00 ng	580245	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heptadecane	240	C17H36	000629-78-7	94
4	Tricosane	324	C23H48	000638-67-5	91
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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

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

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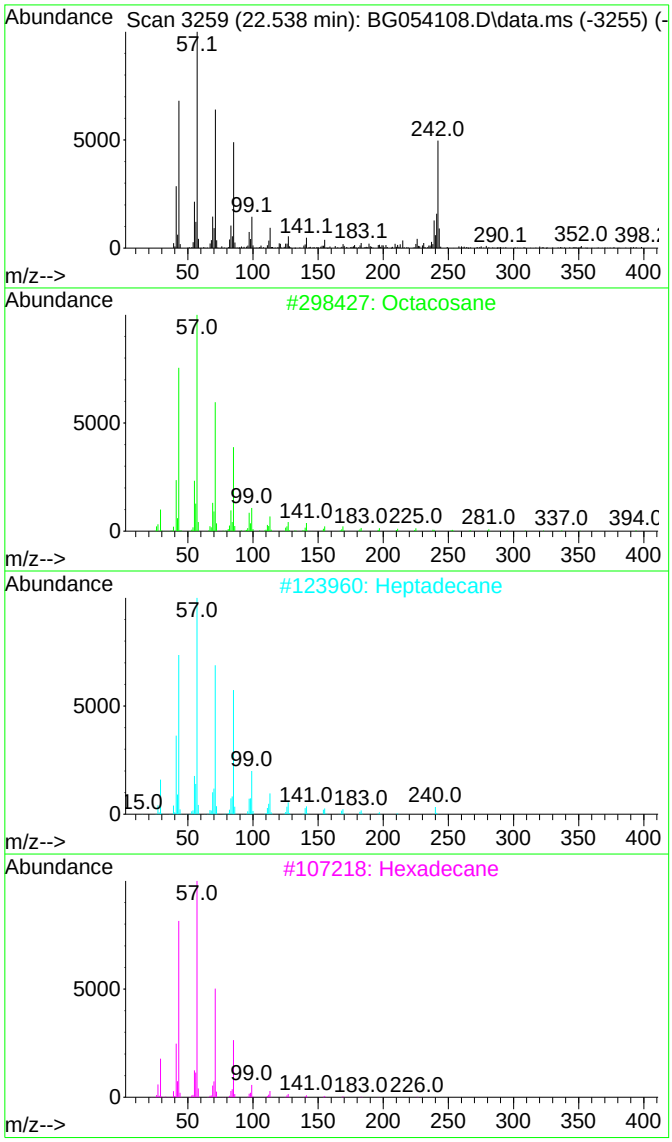
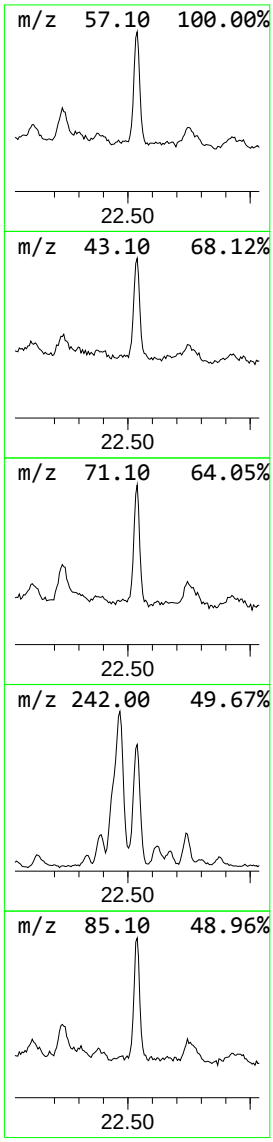
Peak Number 20 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.538	19.10 ng	554177	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexadecane	226	C16H34	000544-76-3	92
4	Heneicosane	296	C21H44	000629-94-7	60
5	Octadecane	254	C18H38	000593-45-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054108.D
Acq On : 28 Jun 2022 1:41
Operator : CG/JU
Sample : N3494-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3

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-	5.381	28.8	ng	632165	1	8.072	439769	20.0
trans-1,2-Dieth...	6.345	9.0	ng	198466	1	8.072	439769	20.0
Cyclohexane, pr...	6.715	10.1	ng	222742	1	8.072	439769	20.0
unknown9.429	9.429	15.1	ng	331073	1	8.072	439769	20.0
Butyl hexadecyl...	9.553	9.2	ng	204339	2	10.887	444446	20.0
Naphthalene, de...	10.064	14.5	ng	322747	2	10.887	444446	20.0
Benzene, 2-bute...	10.281	8.9	ng	198769	2	10.887	444446	20.0
Undecane, 2,6-d...	11.045	15.5	ng	344947	2	10.887	444446	20.0
unknown11.586	11.586	17.8	ng	395757	2	10.887	444446	20.0
Heptane, 3-[(et...	11.903	21.0	ng	466338	2	10.887	444446	20.0
Dodecane, 2,6,1...	13.243	16.1	ng	604485	3	14.700	753115	20.0
Tritetracontane	14.183	15.3	ng	575240	3	14.700	753115	20.0
Pentadecane, 2,...	15.951	12.2	ng	460390	3	14.700	753115	20.0
Tridecane, 5-pr...	16.427	29.1	ng	829817	4	17.444	571076	20.0
Tridecane	17.250	24.2	ng	690662	4	17.444	571076	20.0
Heptacosane	20.358	14.7	ng	425883	5	21.721	580245	20.0
Dodecane, 2-met...	20.851	17.2	ng	498876	5	21.721	580245	20.0
Heneicosane	21.368	26.4	ng	765240	5	21.721	580245	20.0
Hexadecane	21.921	20.0	ng	580245	5	21.721	580245	20.0
Octacosane	22.538	19.1	ng	554177	5	21.721	580245	20.0