LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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: BG054084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.770	54	65	76	rBV3	102266	296237	5.14%	0.438%
2	4.440	171	179	191	rBV2	127117	362380	6.28%	0.536%
3	4.575	191	202	212	rVB3	77217	223322	3.87%	0.330%
4	4.722	222	227	236	rVB2	95990	204304	3.54%	0.302%
5	5.010	267	276	283	rBV	132933	272861	4.73%	0.404%
6	5.216	307	311	316	rVV	106857	179846	3.12%	0.266%
7	5.274	316	321	328	rVV2	227478	414356	7.19%	0.613%
8	5.515	357	362	371	rVB3	148795	334148	5.79%	0.494%
9	5.645	376	384	392	rBV3	187800	434284	7.53%	0.642%
10	5.880	415	424	430	rBV3	82960	178710	3.10%	0.264%
11	5.950	430	436	444	rBV2	148700	364848	6.33%	0.540%
12	6.032	444	450	455	rVV	207278	390507	6.77%	0.578%
13	6.091	455	460	468	rVB3	196594	421003	7.30%	0.623%
14	6.350	496	504	512	rBV4	264573	696193	12.07%	1.030%
15	6.467	517	524	534	rVB3	137047	333736	5.79%	0.494%
16	6.567	534	541	548	rBV5	206272	629125	10.91%	0.931%
17	6.632	548	552	557	rVB	348021	532106	9.23%	0.787%
18	6.714	557	566	569	rBV3	364309	793095	13.75%	1.173%
19	6.972	602	610	616	rVB3	163660	407221	7.06%	0.602%
20	7.066	616	626	632	rBV3	215108	478172	8.29%	0.707%
21	7.166	639	643	647	rBV3	107879	179252	3.11%	0.265%
22	7.225	647	653	660	rVV2	491713	1026384	17.80%	1.518%
23	7.466	689	694	698	rBV3	138530	249369	4.32%	0.369%
24	7.537	698	706	707	rVV4	126986	267235	4.63%	0.395%
25	7.566	707	711	720	rVV3	204523	545203	9.45%	0.806%
26	7.642	720	724	729	rVV3	125928	280942	4.87%	0.416%
27	7.725	730	738	743	rVV2	230483	594717	10.31%	0.880%
28	7.901	762	768	774	rBV3	78619	175498	3.04%	0.260%
29	7.989	776	783	789	rBV5	122309	379170	6.58%	0.561%
30	8.059	789	795	802	rVB2	549307	1104948	19.16%	1.634%
31	8.148	802	810	814	rBV4	123981	268786	4.66%	0.398%
32	8.200	814	819	825	rBV4	90772	186005	3.23%	0.275%
33	8.265	825	830	835	rBV3	178366	277078	4.81%	0.410%
34	8.336	835	842	844	rBV	129356	251381	4.36%	0.372%
35	8.371	844	848	854	rVB3	267968	476971	8.27%	0.705%
36	8.430	854	858	866	rVB3	110260	263594	4.57%	0.390%

LSC Area Percent Report

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Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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	8.518	866	873	878	rBV5	83567	219954	3.81%	0.325%
38	8.612	879	889	891	rBV4	142272	337656	5.86%	0.499%
39	8.717	902	907	912	rBV3	133675	290741	5.04%	0.430%
40	8.847	924	929	932	rBV3	91401	176667	3.06%	0.261%
41	8.917	937	941	946	rVV2	129256	224550	3.89%	0.332%
42	9.082	965	969	977	rVB5	89514	218021	3.78%	0.322%
43	9.188	977	987	992	rBV4	453048	1187172	20.59%	1.756%
44	9.305	998	1007	1012	rVB4	220200	679303	11.78%	1.005%
45	9.434	1018	1029	1037	rBV8	266796	953576	16.54%	1.410%
46	9.558	1038	1050	1057	rBV8	185685	640565	11.11%	0.947%
47	9.722	1072	1078	1082	rBV2	230393	449477	7.79%	0.665%
48	9.804	1089	1092	1097	rVB2	157469	253766	4.40%	0.375%
49	9.963	1112	1119	1123	rBV5	143767	323273	5.61%	0.478%
50	10.010	1123	1127	1132	rVV2	311951	504618	8.75%	0.746%
51	10.069	1132	1137	1144	rVB6	337526	621414	10.78%	0.919%
52	10.139	1144	1149	1157	rVB4	175823	499267	8.66%	0.738%
53	10.292	1169	1175	1181	rBV5	298041	698355	12.11%	1.033%
54	10.468	1200	1205	1218	rVB7	170646	452260	7.84%	0.669%
55	10.586	1220	1225	1228	rBV	128652	250588	4.35%	0.371%
56	10.745	1248	1252	1255	rBV3	127188	224432	3.89%	0.332%
57	10.780	1256	1258	1264	rVB3	120193	189502	3.29%	0.280%
58	10.856	1265	1271	1279	rBV3	493858	1192428	20.68%	1.764%
59	11.003	1292	1296	1299	rBV4	132492	233759	4.05%	0.346%
60	11.050	1299	1304	1309	rVB	794624	1336756	23.18%	1.977%
61	11.109	1309	1314	1321	rBV5	205914	445469	7.73%	0.659%
62	11.262	1335	1340	1343	rBV7	104290	211964	3.68%	0.314%
63	11.385	1357	1361	1367	rVB3	239334	434059	7.53%	0.642%
64	11.444	1367	1371	1378	rBV7	73090	168955	2.93%	0.250%
65	11.591	1385	1396	1403	rBV7	470604	1284038	22.27%	1.899%
66	11.655	1403	1407	1413	rVB3	134217	260778	4.52%	0.386%
67	11.720	1413	1418	1424	rBV4	245632	482433	8.37%	0.714%
68	11.802	1427	1432	1439	rVB6	274477	614909	10.66%	0.910%
69	11.914	1445	1451	1455	rBV	1004277	1751720	30.38%	2.591%
70	11.990	1460	1464	1470	rVB5	220478	432328	7.50%	0.639%
71	12.078	1474	1479	1486	rVB7	178410	375260	6.51%	0.555%
72	12.172	1491	1495	1499	rBV3	161617	224314	3.89%	0.332%
73	12.296	1511	1516	1527	rBV5	370947	864279	14.99%	1.278%
74	12.519	1547	1554	1562	rVB5	495935	1422113	24.66%	2.103%
75	12.754	1590	1594	1603	rVB4	325999	785414	13.62%	1.162%
76	12.924	1619	1623	1627	rBV3	214081	365387	6.34%	0.540%

LSC Area Percent Report

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Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.247	1673	1678	1683	rVB	1300569	1972455	34.21%	2.917%
78	13.324	1688	1691	1696	rVB	278246	399418	6.93%	0.591%
79	13.529	1718	1726	1734	rBV6	432758	1329408	23.05%	1.966%
80	13.623	1739	1742	1751	rVB5	192086	457573	7.94%	0.677%
81	13.876	1778	1785	1790	rBV3	389222	1035893	17.96%	1.532%
82	14.029	1806	1811	1815	rBV	500914	854977	14.83%	1.265%
83	14.082	1816	1820	1825	rVB	516565	897934	15.57%	1.328%
84	14.135	1825	1829	1832	rBV2	324895	498342	8.64%	0.737%
85	14.188	1833	1838	1842	rVB	1479403	2147397	37.24%	3.176%
86	14.393	1870	1873	1876	rBV3	162402	217918	3.78%	0.322%
87	14.540	1894	1898	1903	rVB	542666	832280	14.43%	1.231%
88	14.599	1904	1908	1915	rBV3	367494	769231	13.34%	1.138%
89	14.675	1916	1921	1923	rBV2	527355	875895	15.19%	1.296%
90	15.098	1989	1993	1998	rVB2	657873	1057164	18.33%	1.564%
91	15.222	2010	2014	2023	rVB4	568703	1021549	17.72%	1.511%
92	15.322	2027	2031	2035	rVV	393060	678950	11.77%	1.004%
93	15.369	2036	2039	2044	rVB	361153	512237	8.88%	0.758%
94	15.739	2098	2102	2106	rBV2	365836	635876	11.03%	0.941%
95	15.956	2134	2139	2145	rVB	1588253	2595372	45.01%	3.839%
96	16.168	2172	2175	2177	rBV2	250573	318786	5.53%	0.472%
97	16.444	2214	2222	2227	rBV	3159190	5766362	100.00%	8.529%
98	17.266	2357	2362	2371	rVB	2262205	3988449	69.17%	5.899%
99	17.454	2391	2394	2397	rBV	432006	606505	10.52%	0.897%
100	17.871	2461	2465	2470	rBV	915298	1383802	24.00%	2.047%

Sum of corrected areas: 67608280

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
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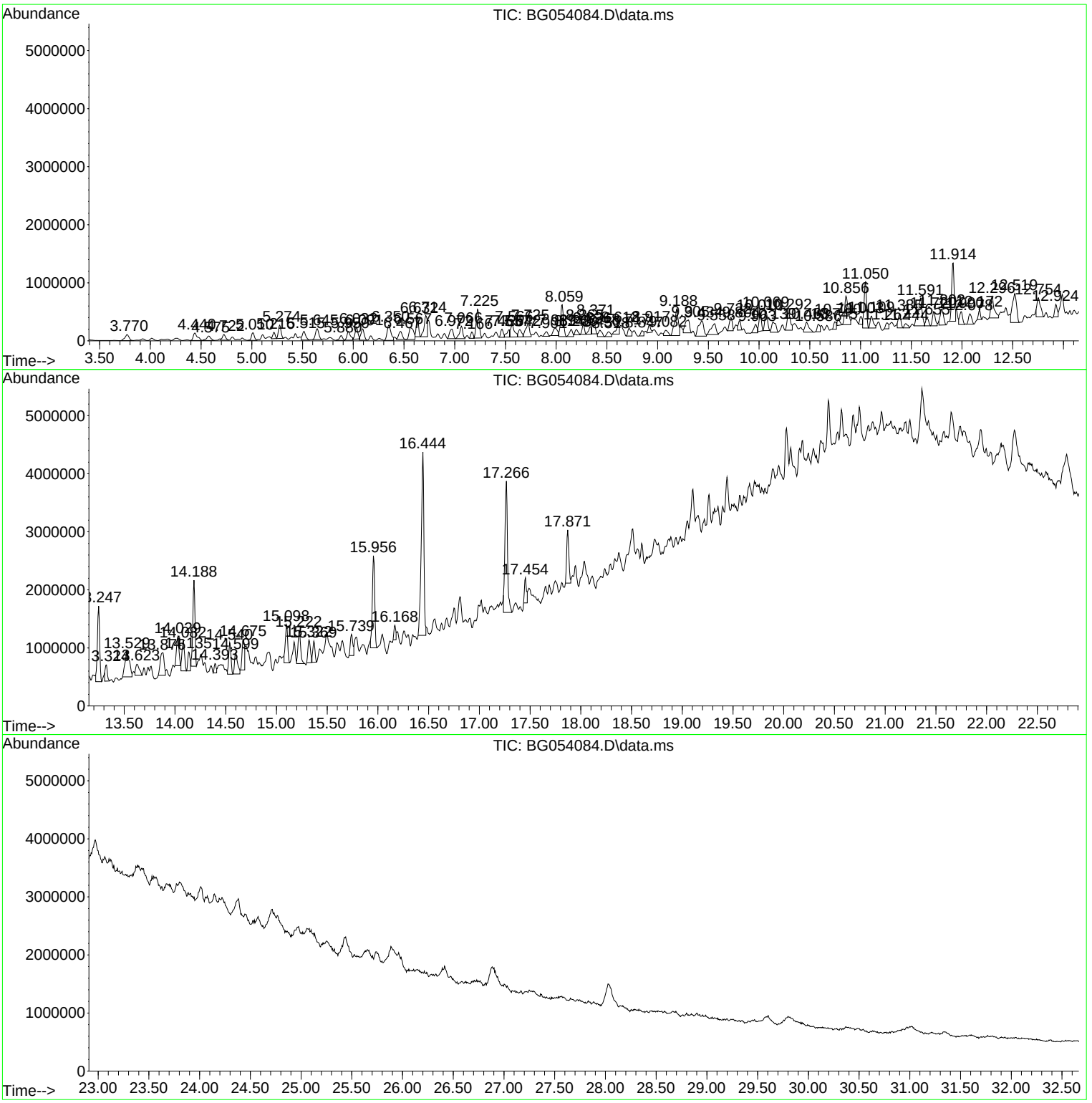
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
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Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-1

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

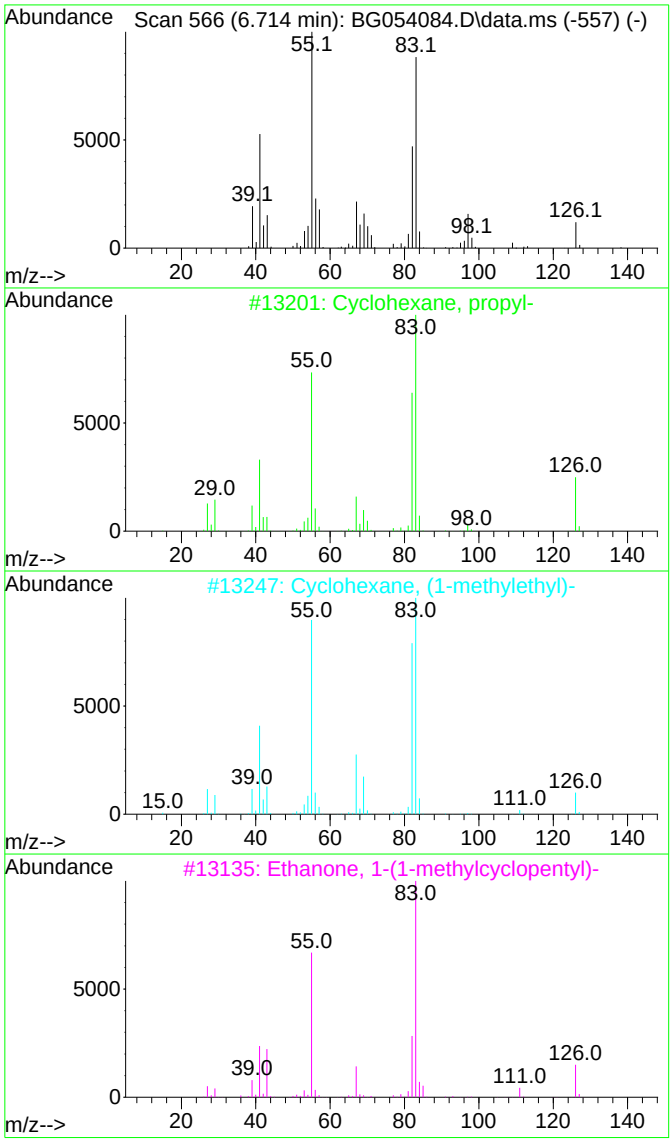
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

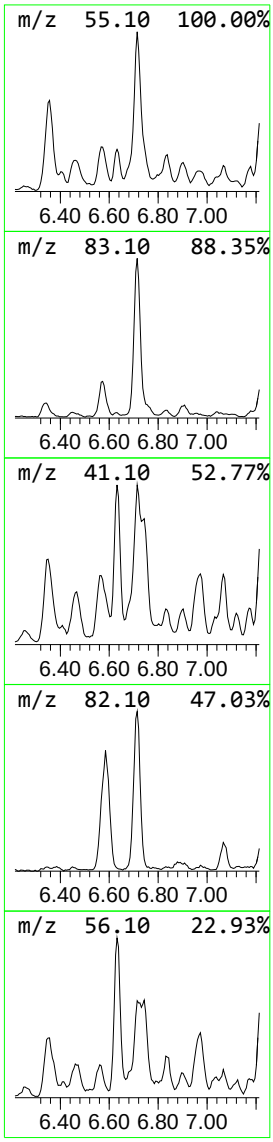
****

Peak Number 1 Cyclohexane, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.714	14.36 ng	793095	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	53
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	47
5	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-1

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

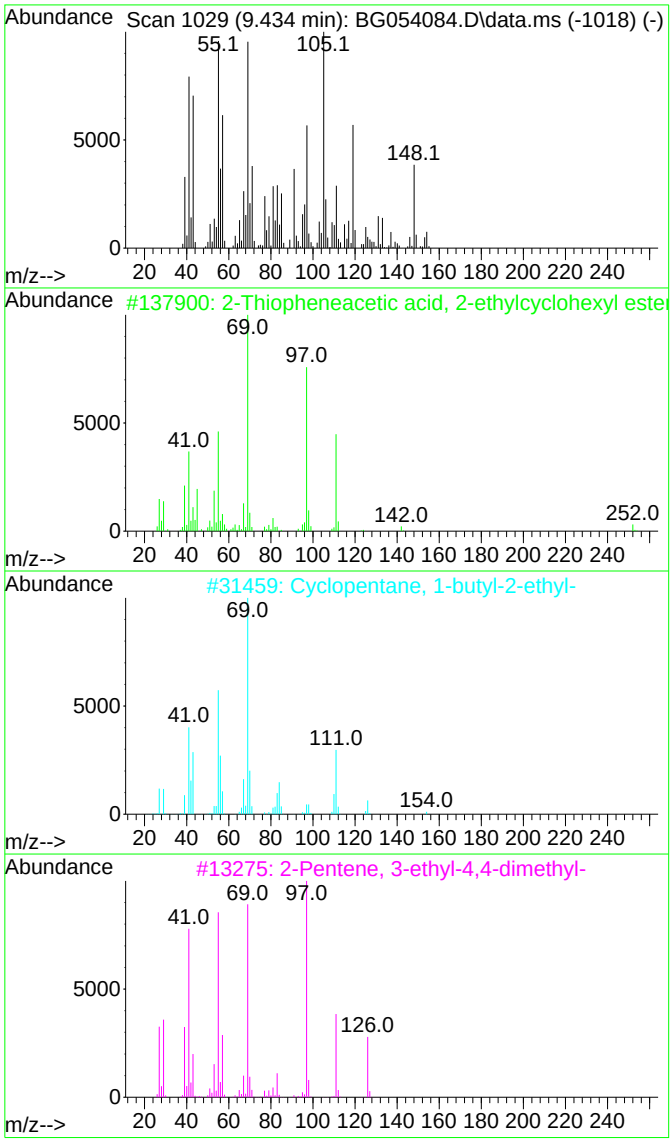
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

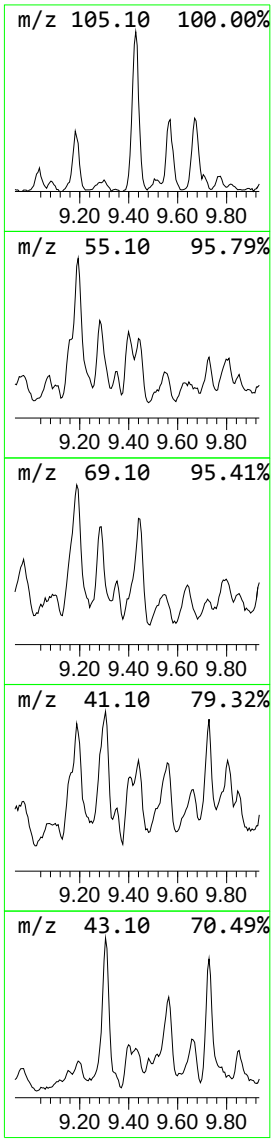
****

Peak Number 2 unknown9.434 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	17.26 ng	953576	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	35
2	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	30
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
4	Cyclopentanecarboxylic acid, cyc...	168	C10H16O2	1000282-76-8	27
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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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

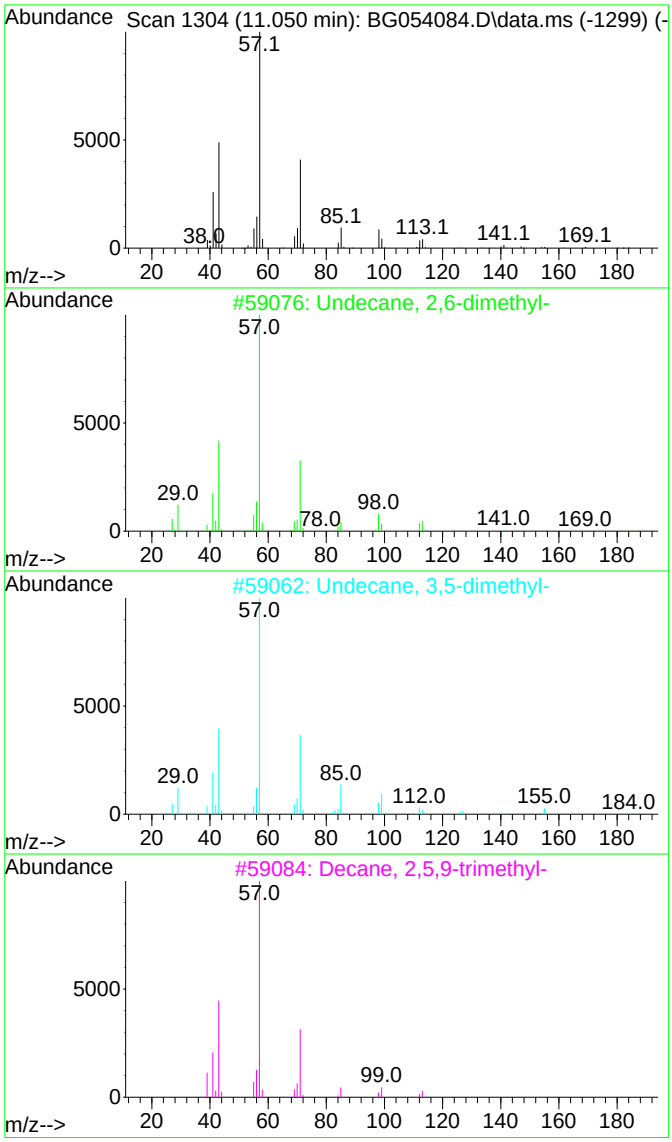
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

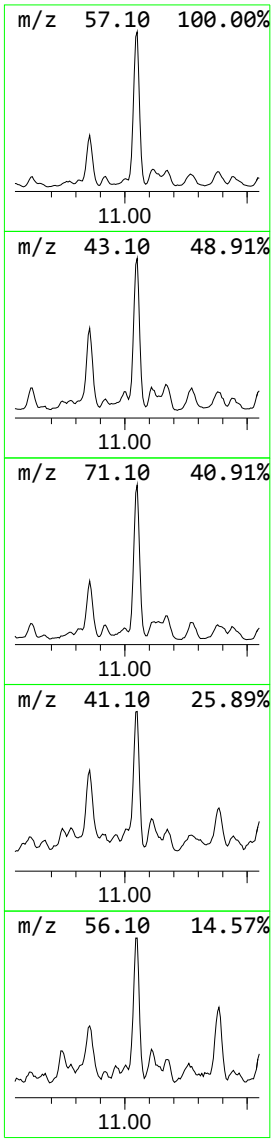
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.050	22.42 ng	1336760	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-1

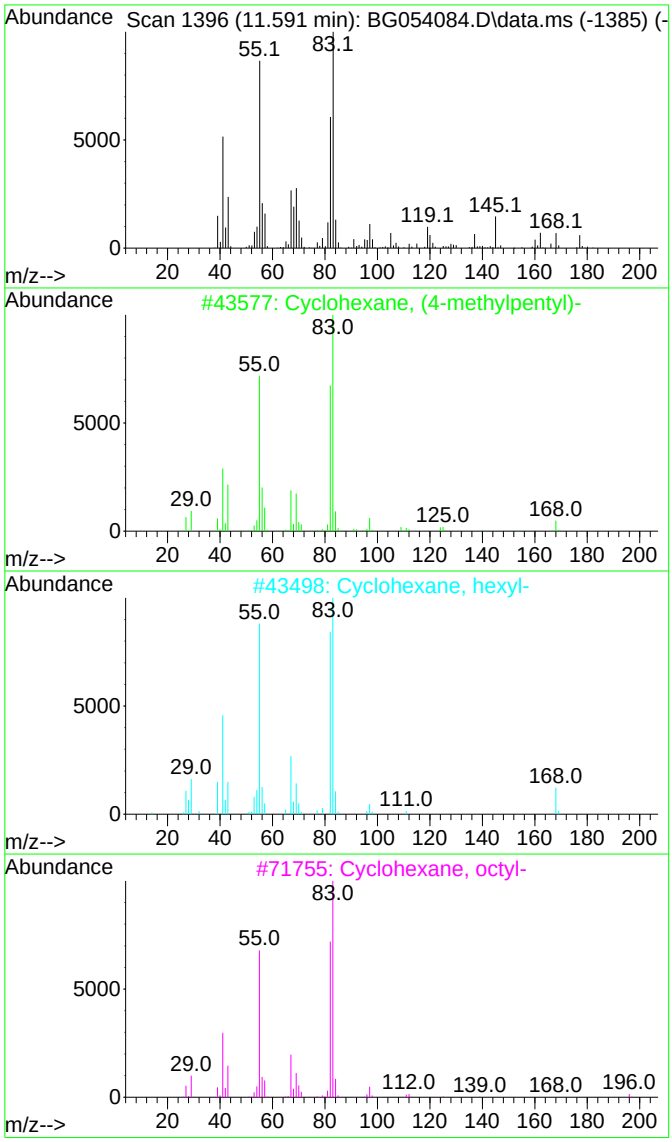
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

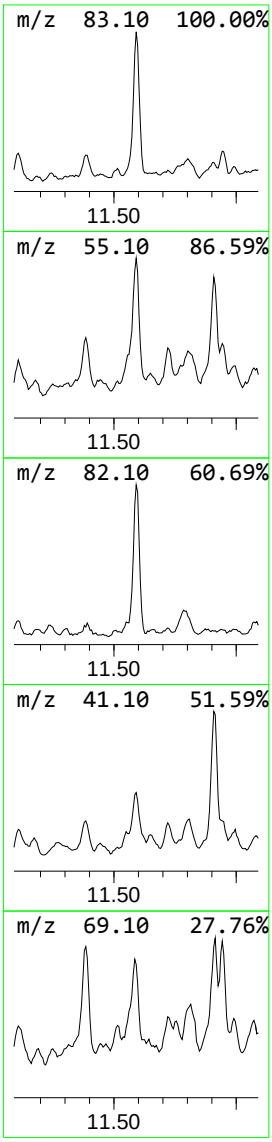
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.591	21.54 ng	1284040	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-1

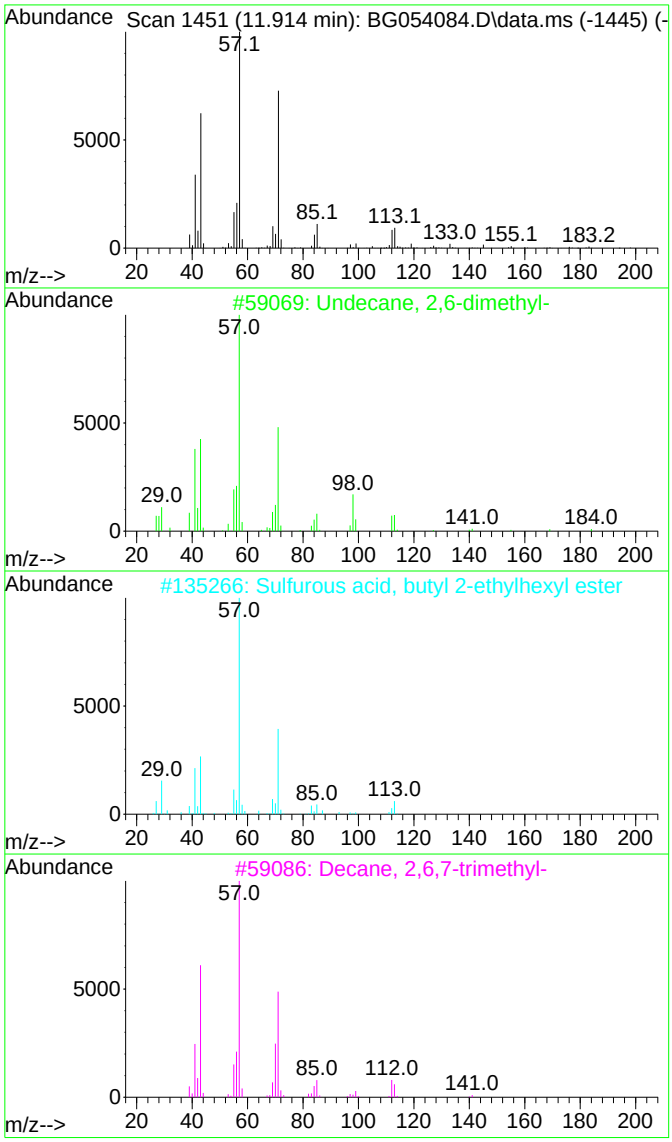
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

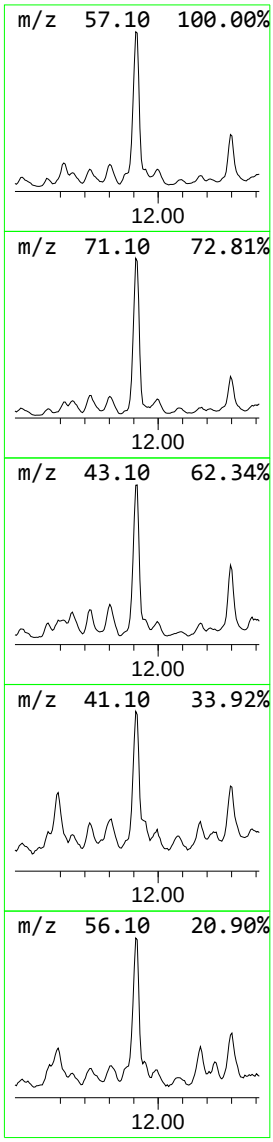
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, butyl 2-eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	29.38 ng	1751720	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 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

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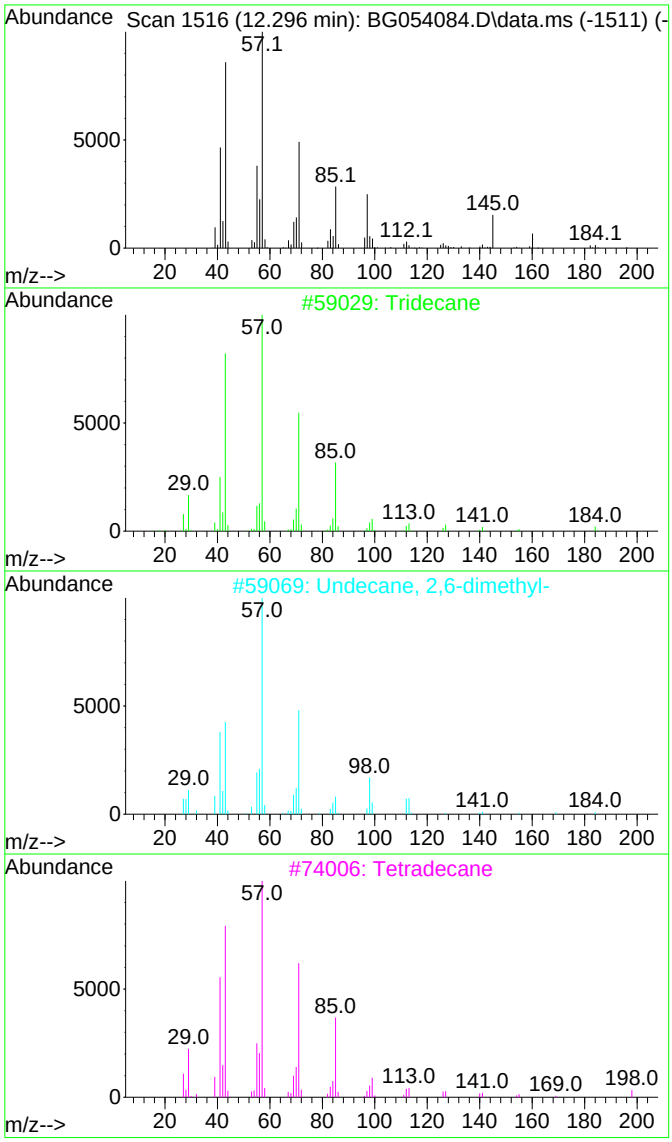
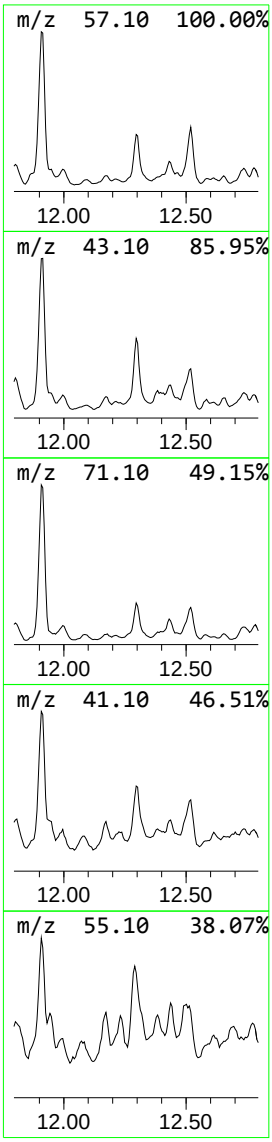
Peak Number 6 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.296	14.50 ng	864279	Naphthalene-d8	10.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3	Tetradecane	198	C14H30	000629-59-4	58
4	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	50
5	Dodecane	170	C12H26	000112-40-3	50





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

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

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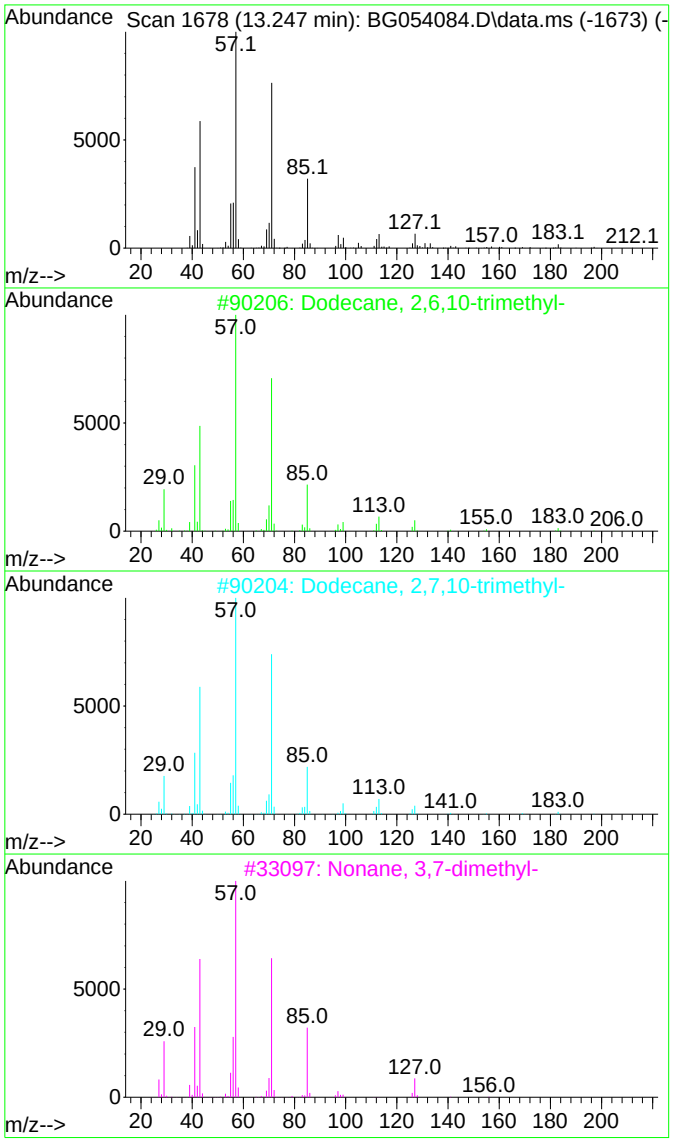
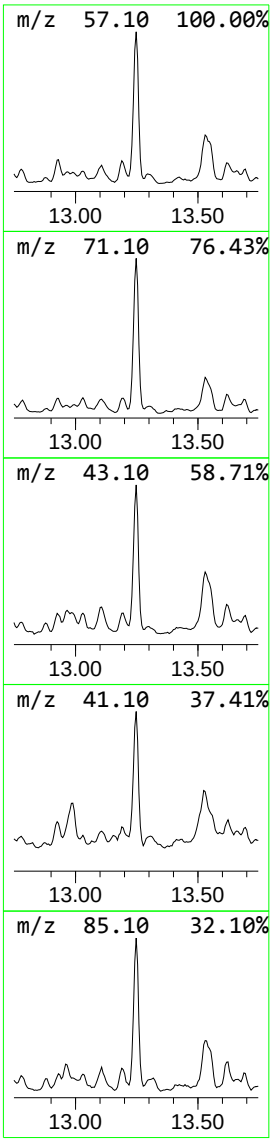
Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.248	45.04 ng	1972460	Acenaphthene-d10	14.699

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	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4	Decane, 5-propyl-	184	C13H28	017312-62-8	74
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





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ClientSampleId :
WC-14A-1A-1

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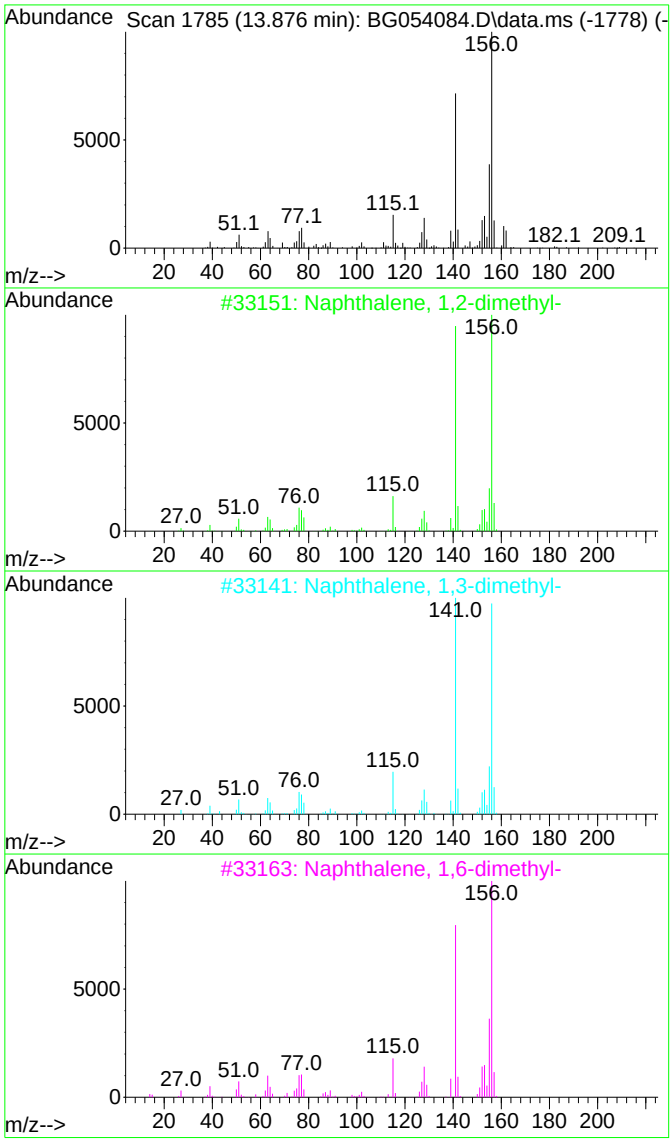
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

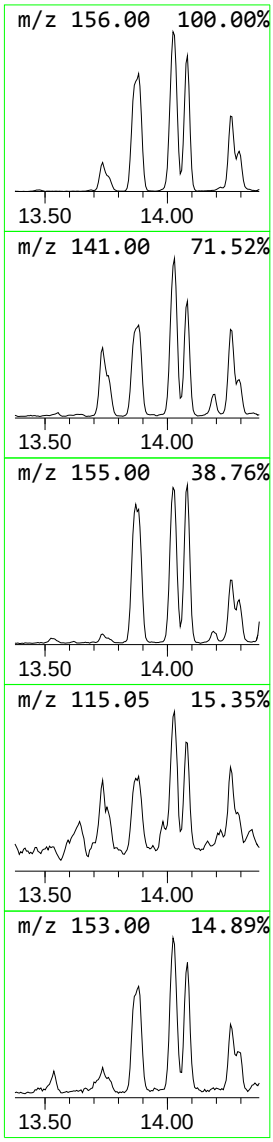
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	23.65 ng	1035890	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Sample : N3454-08
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ALS Vial : 14 Sample Multiplier: 1

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

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

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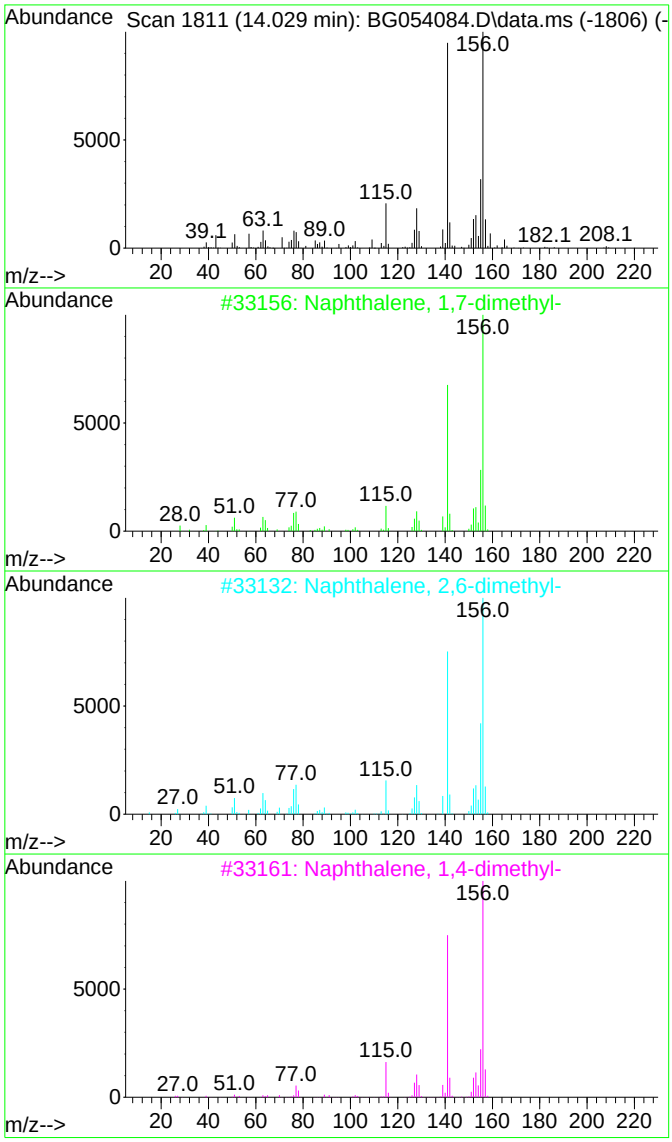
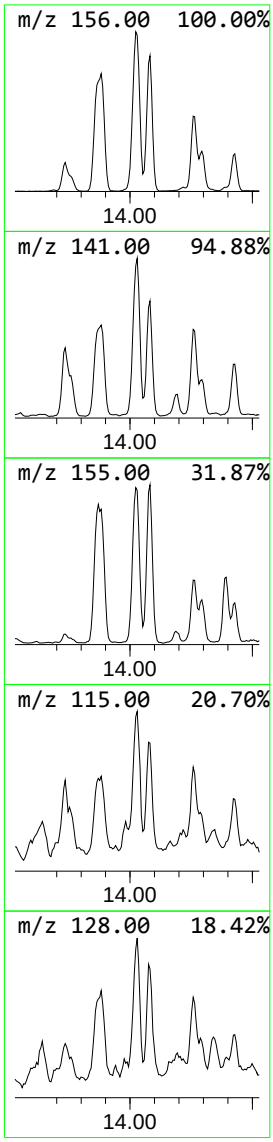
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.029	19.52 ng	854977	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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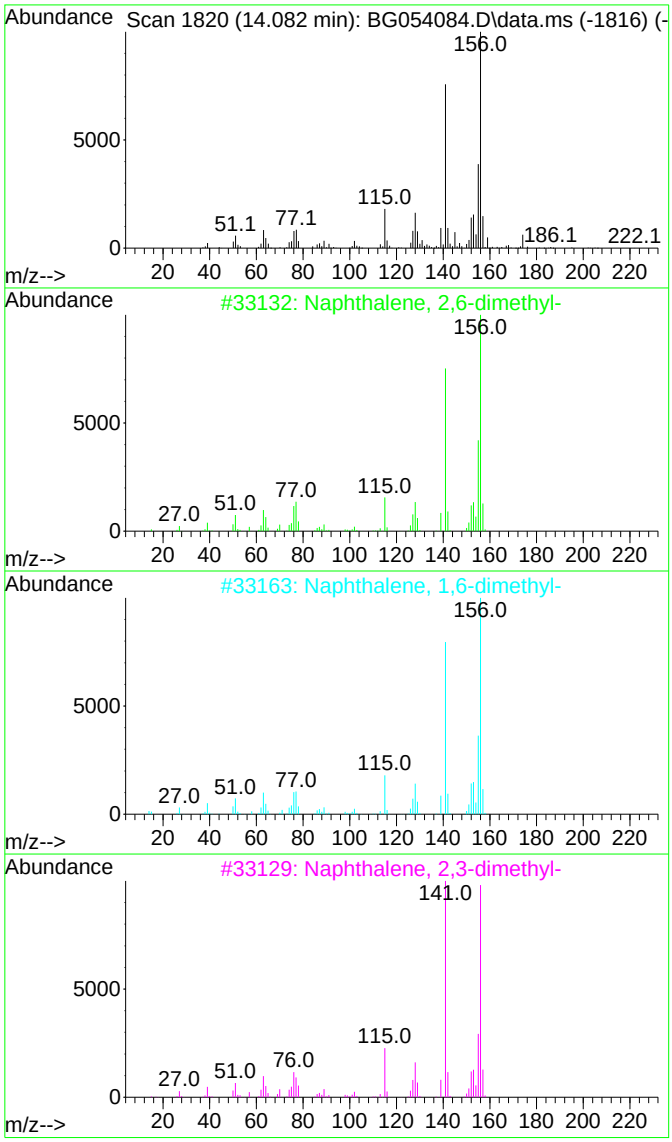
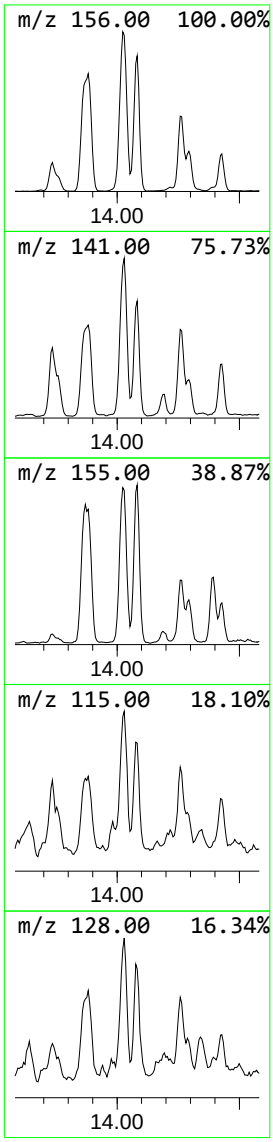
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	20.50 ng	897934	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Sample : N3454-08
Misc :
ALS Vial : 14 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

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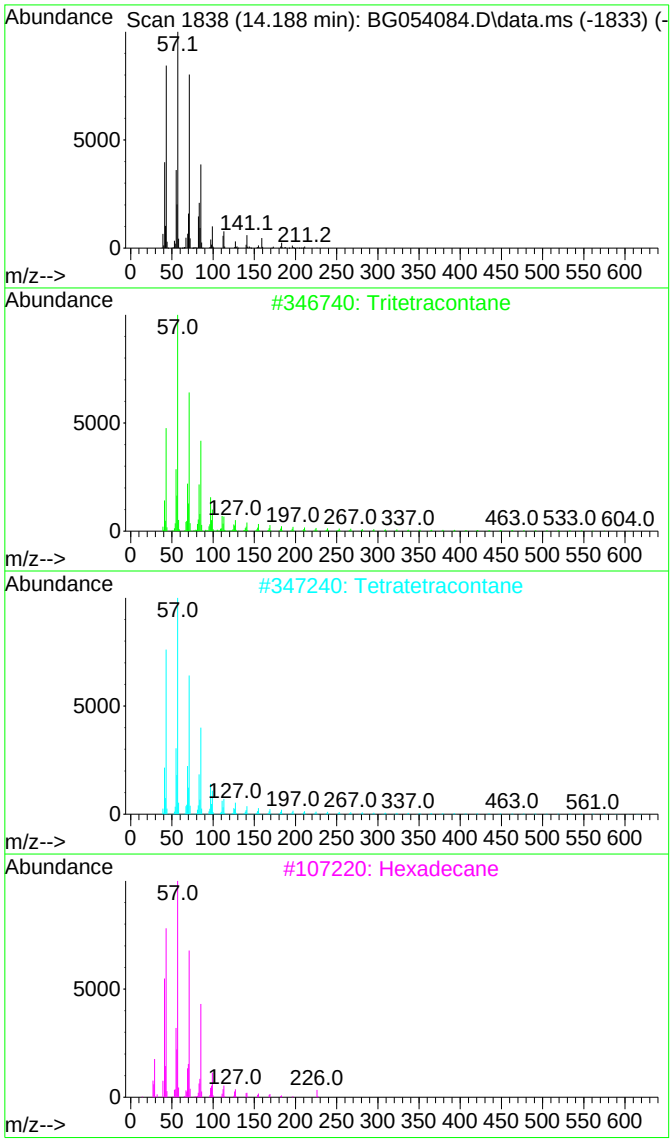
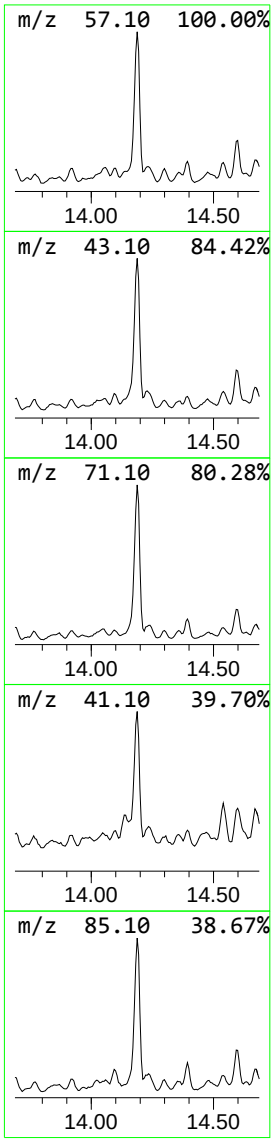
Peak Number 11 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	49.03 ng	2147400	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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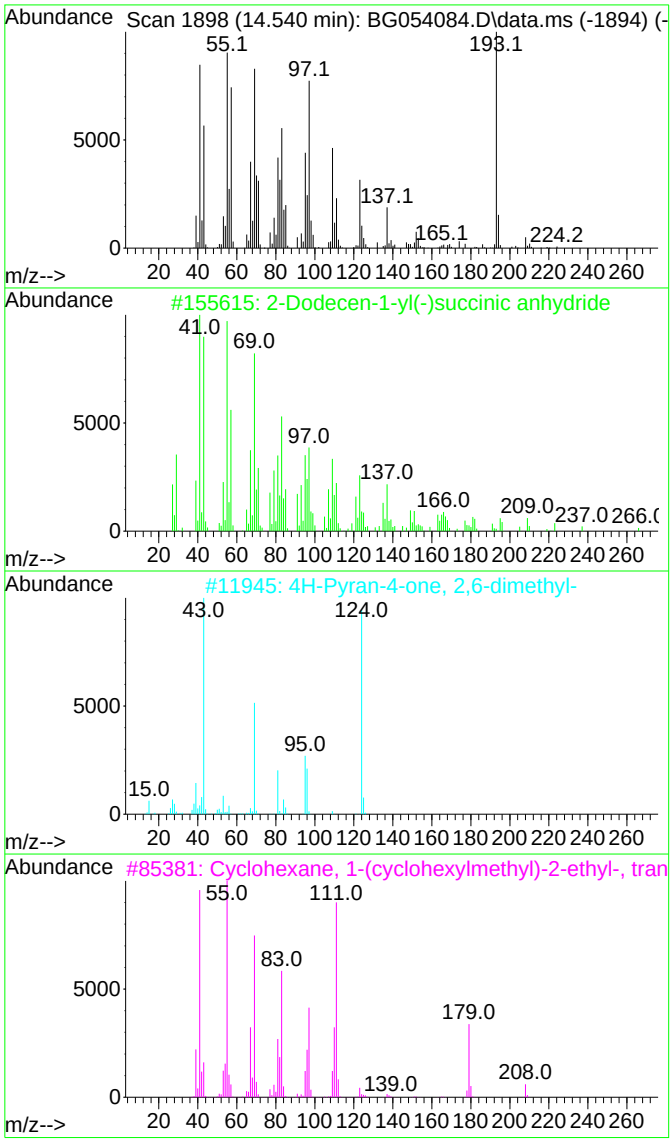
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

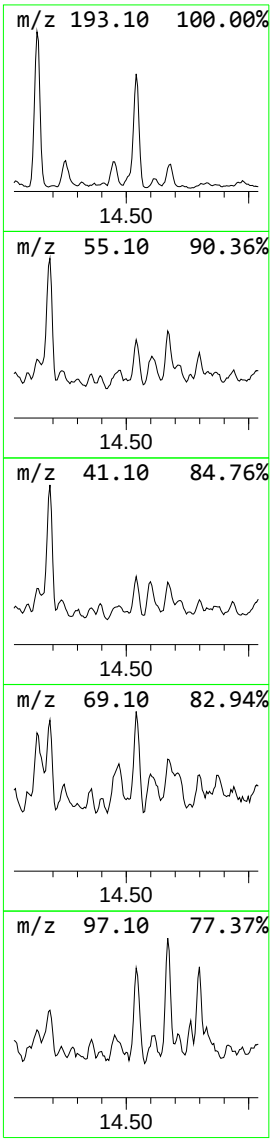
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown14.540 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.540	19.00 ng	832280	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	46
2	4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	25
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	25
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25
5	Iminostilbene	193	C14H11N	000256-96-2	18





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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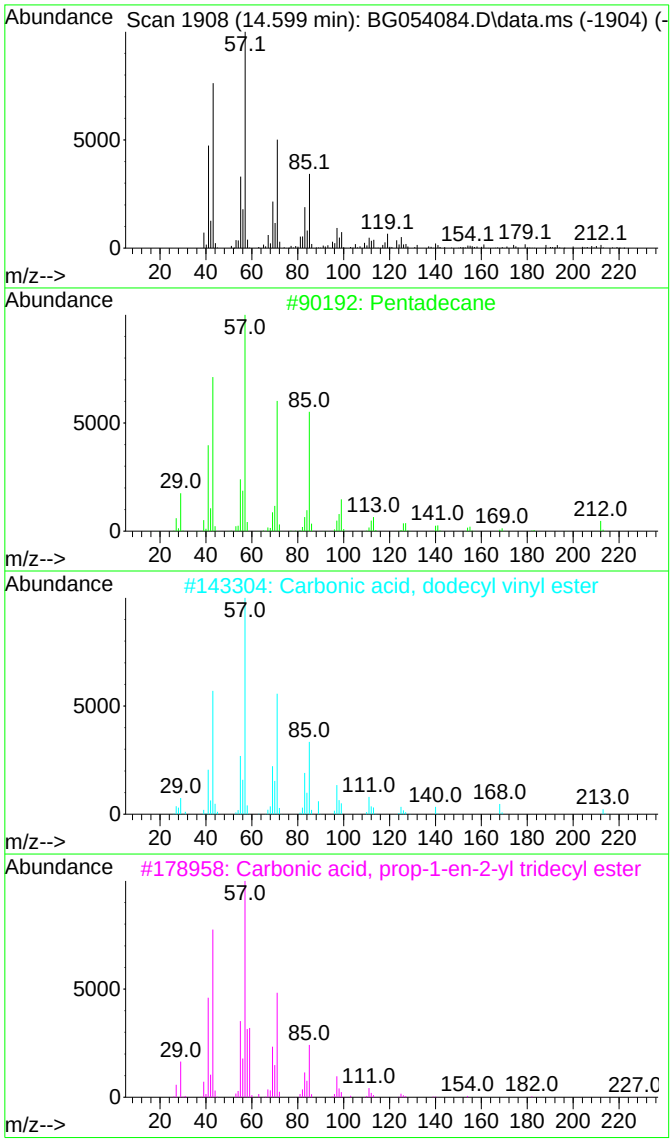
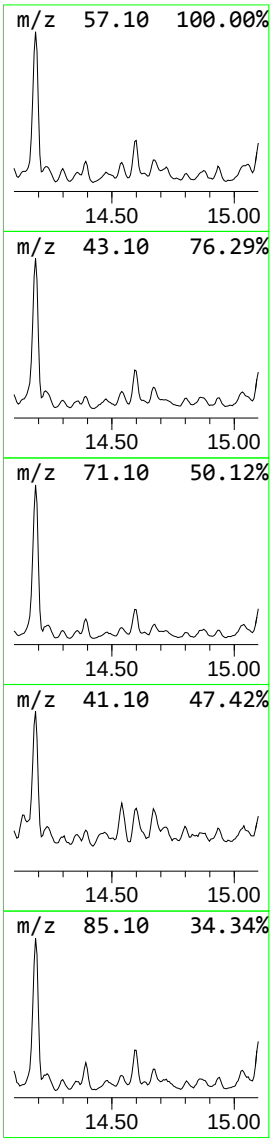
Peak Number 13 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.599	17.56 ng	769231	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	80
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	74
4	Dotriacontane	451	C32H66	000544-85-4	72
5	Hexatriacontane	507	C36H74	000630-06-8	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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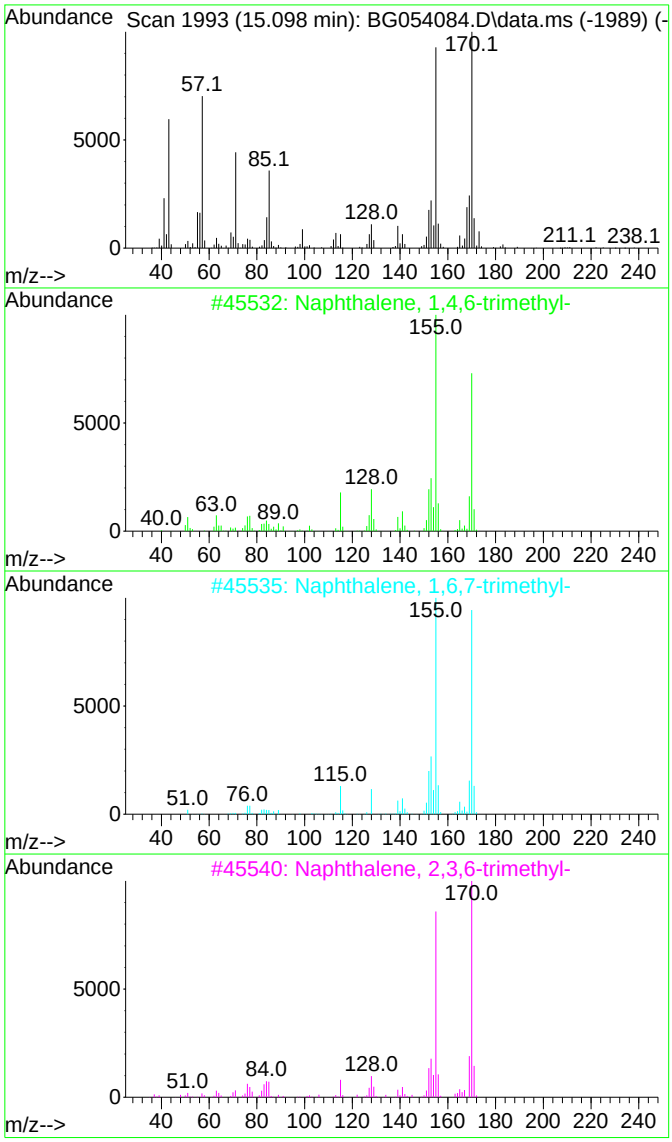
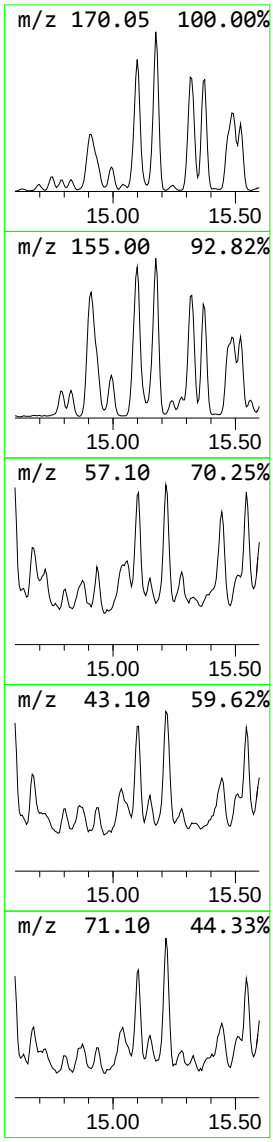
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	24.14 ng	1057160	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70





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ALS Vial : 14 Sample Multiplier: 1

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

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

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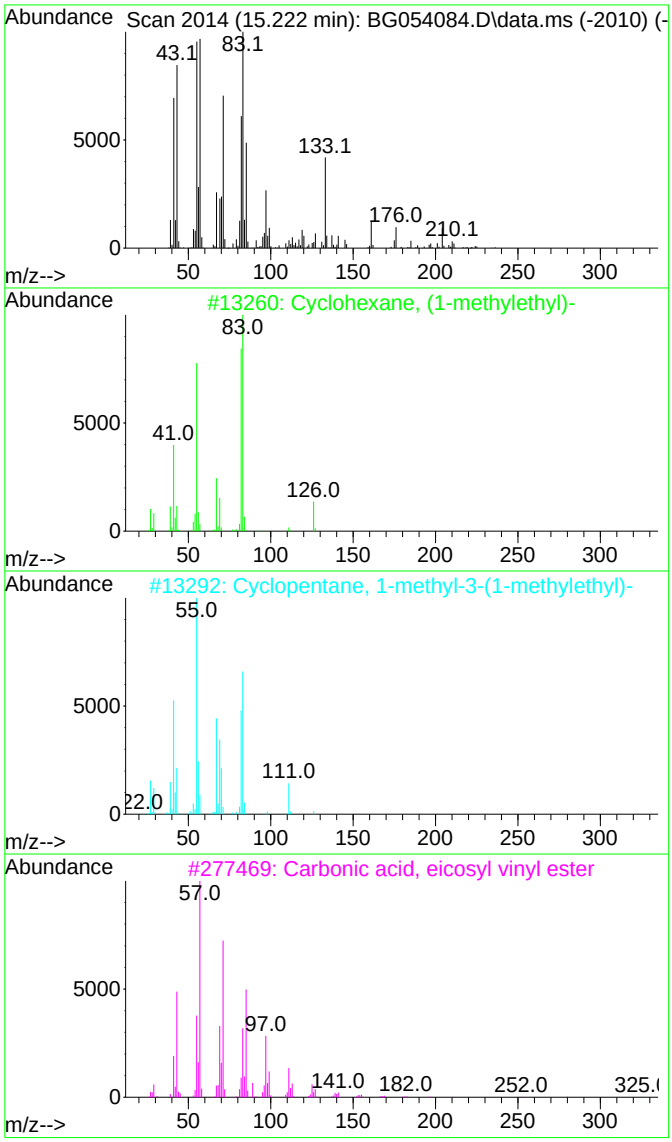
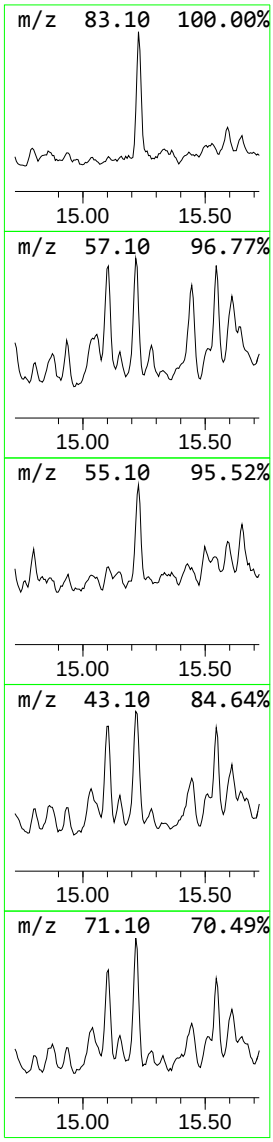
Peak Number 15 unknown15.222 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.222	23.33 ng	1021550	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	30
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	30
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	27
5	Nonadecane	268	C19H40	000629-92-5	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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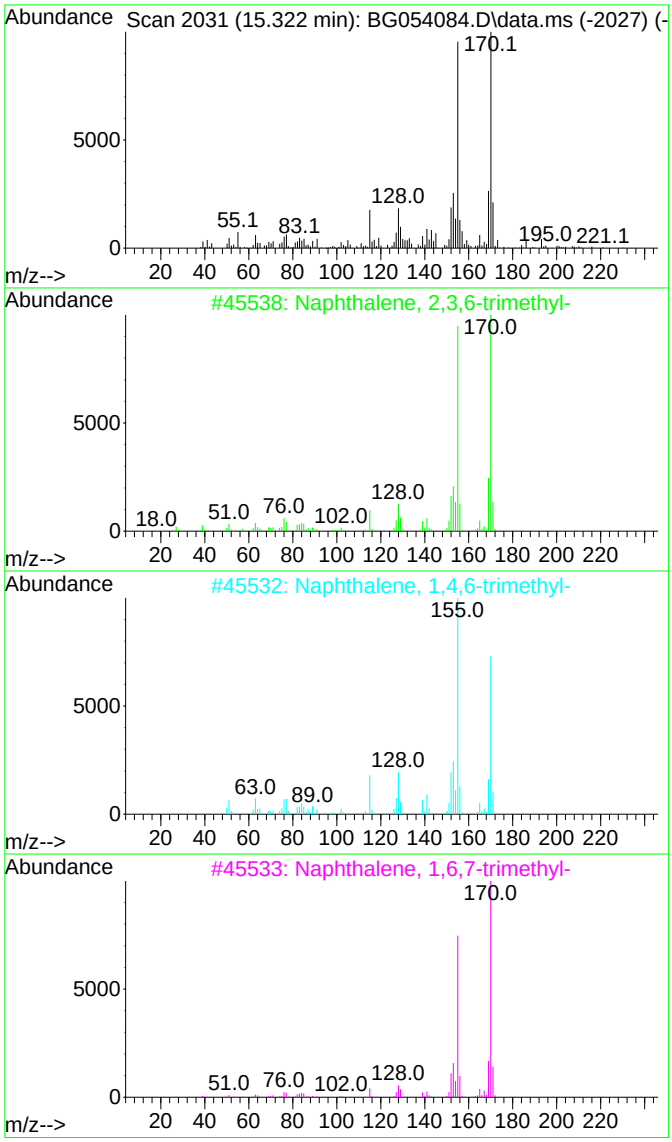
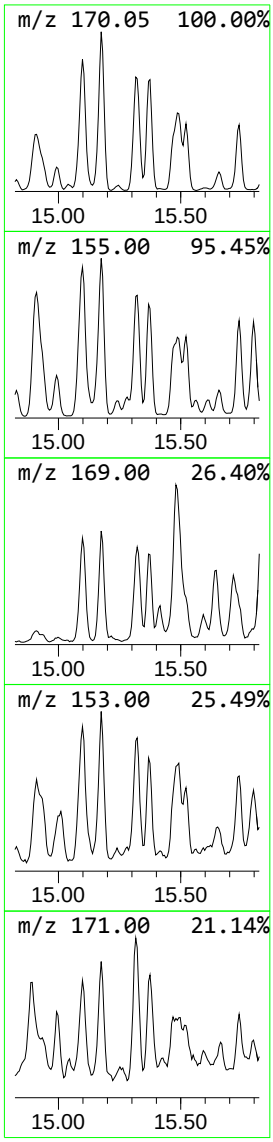
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	15.50 ng	678950	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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ClientSampleId :
WC-14A-1A-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

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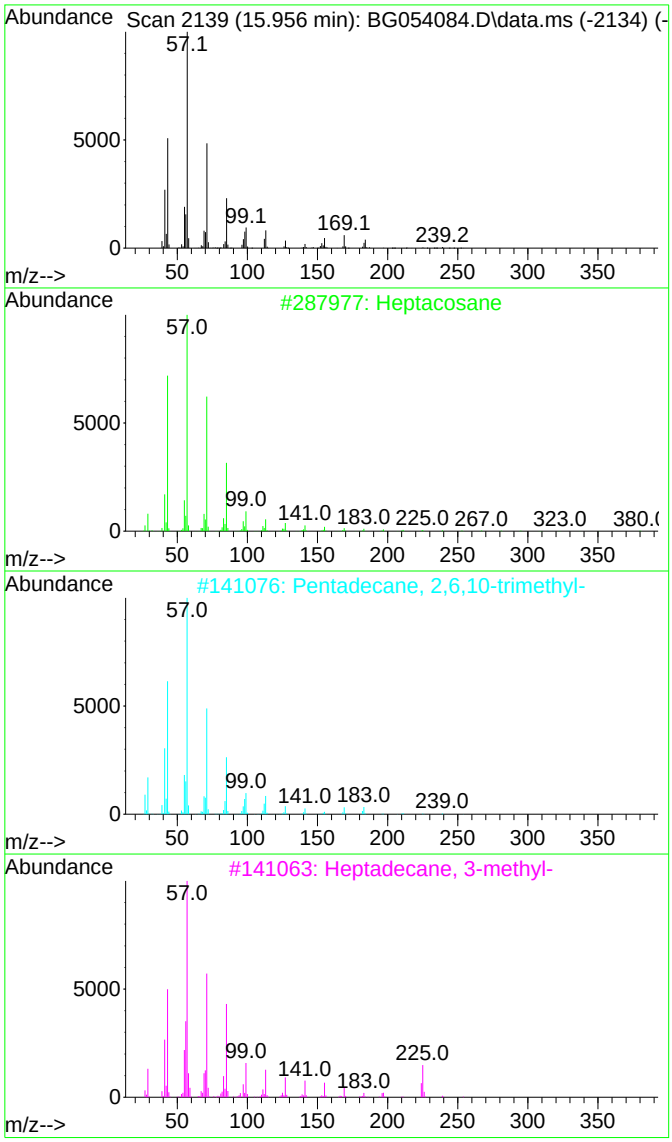
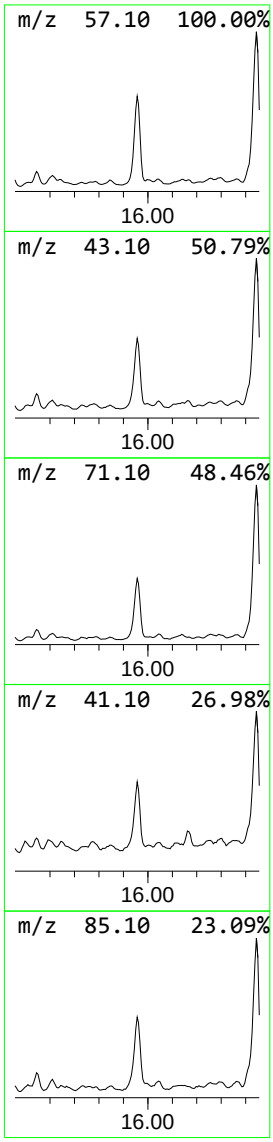
Peak Number 17 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.956	59.26 ng	2595370	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	81
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tridecane	184	C13H28	000629-50-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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

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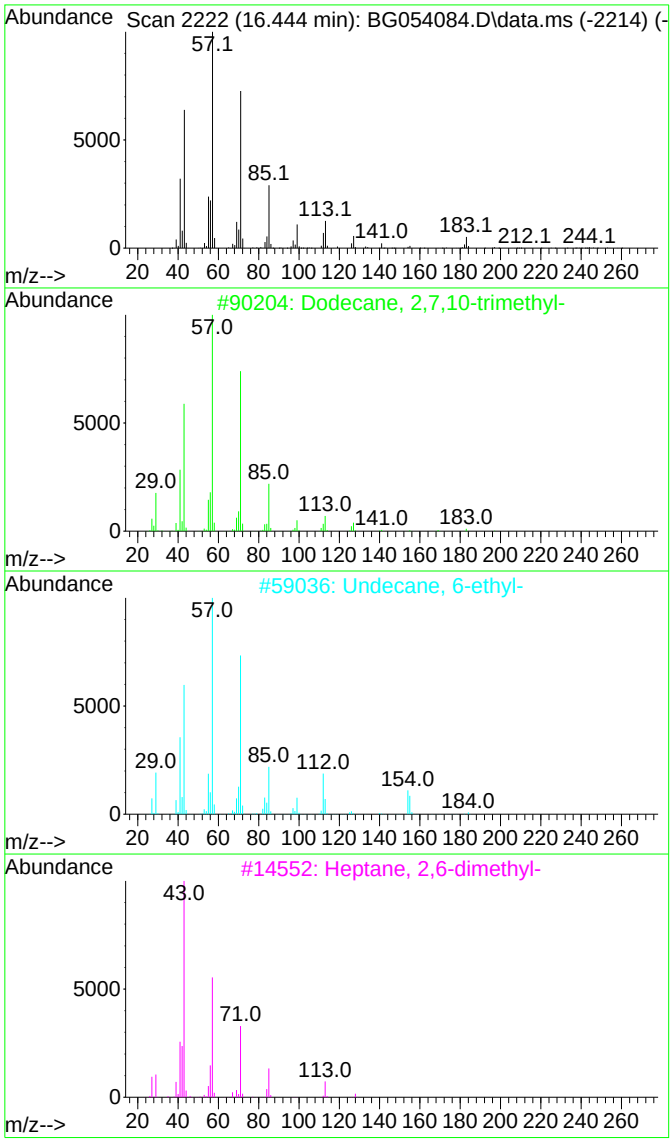
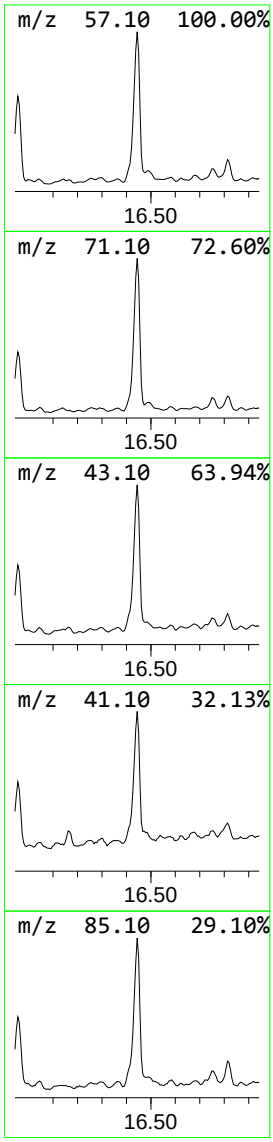
Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.444	190.15 ng	5766360	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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

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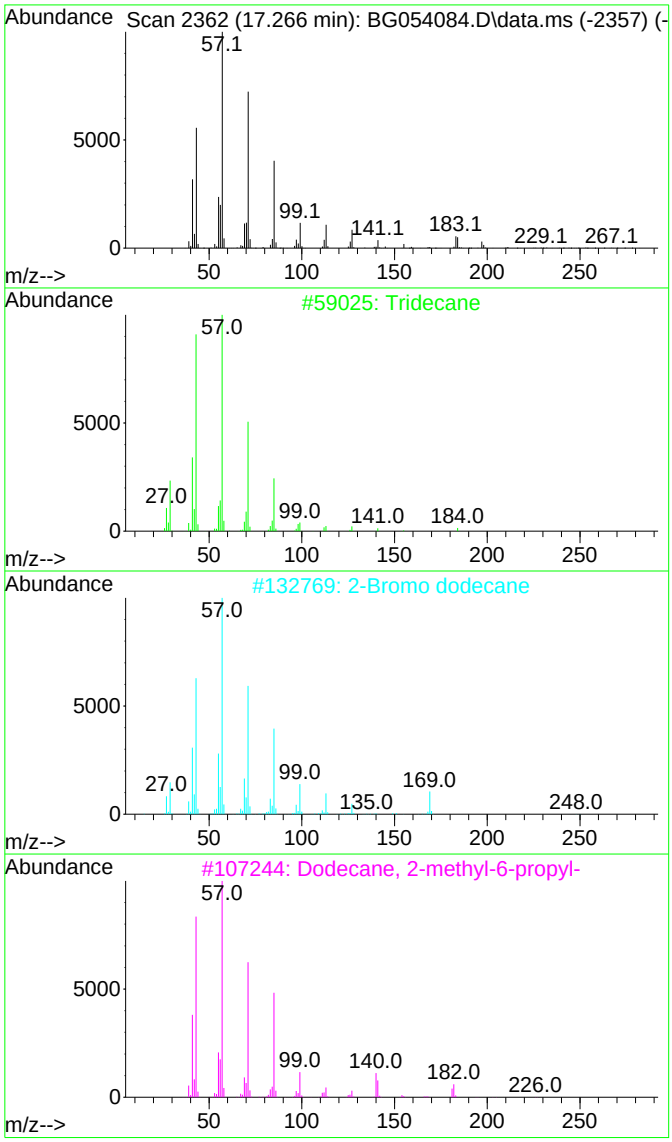
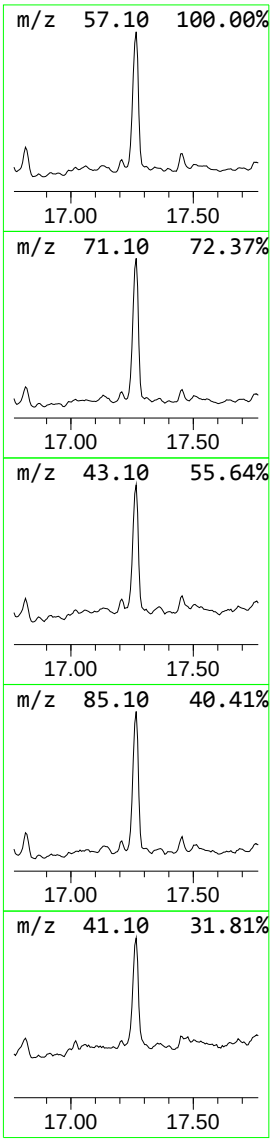
Peak Number 19 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.266	131.52 ng	3988450	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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

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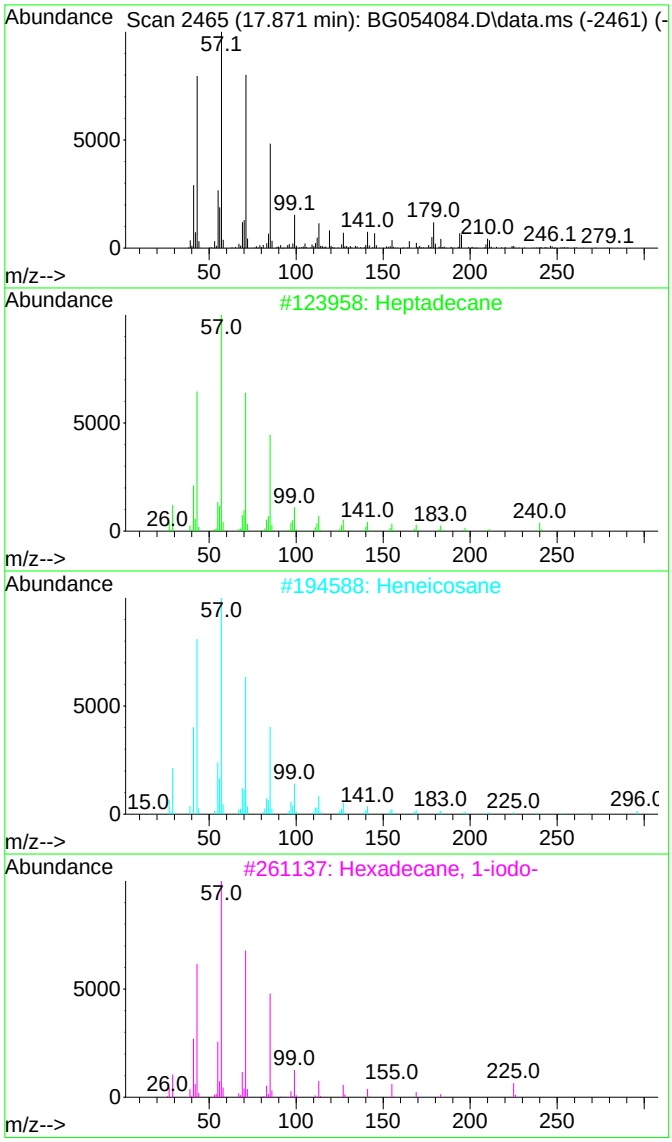
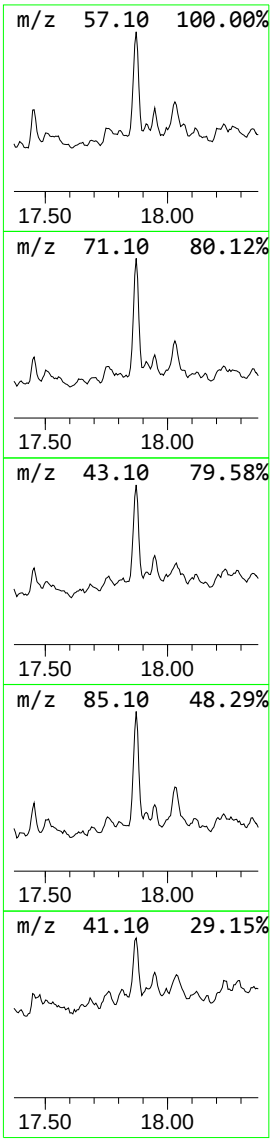
Peak Number 20 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.871	45.63 ng	1383800	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054084.D
Acq On : 26 Jun 2022 22:29
Operator : CG/JU
Sample : N3454-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-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
Cyclohexane, pr...	6.714	14.4	ng	793095	1	8.077	1104950	20.0
unknown9.434	9.434	17.3	ng	953576	1	8.077	1104950	20.0
Undecane, 2,6-d...	11.050	22.4	ng	1336760	2	10.886	1192430	20.0
Cyclohexane, (4...	11.591	21.5	ng	1284040	2	10.886	1192430	20.0
Sulfurous acid,...	11.914	29.4	ng	1751720	2	10.886	1192430	20.0
Tridecane	12.296	14.5	ng	864279	2	10.886	1192430	20.0
Dodecane, 2,6,1...	13.248	45.0	ng	1972460	3	14.699	875895	20.0
Naphthalene, 1,...	13.876	23.6	ng	1035890	3	14.699	875895	20.0
Naphthalene, 1,...	14.029	19.5	ng	854977	3	14.699	875895	20.0
Naphthalene, 2,...	14.082	20.5	ng	897934	3	14.699	875895	20.0
Tritetracontane	14.188	49.0	ng	2147400	3	14.699	875895	20.0
unknown14.540	14.540	19.0	ng	832280	3	14.699	875895	20.0
Pentadecane	14.599	17.6	ng	769231	3	14.699	875895	20.0
Naphthalene, 1,...	15.098	24.1	ng	1057160	3	14.699	875895	20.0
unknown15.222	15.222	23.3	ng	1021550	3	14.699	875895	20.0
Naphthalene, 2,...	15.322	15.5	ng	678950	3	14.699	875895	20.0
Heptacosane	15.956	59.3	ng	2595370	3	14.699	875895	20.0
Dodecane, 2,7,1...	16.444	190.2	ng	5766360	4	17.448	606505	20.0
2-Bromo dodecane	17.266	131.5	ng	3988450	4	17.448	606505	20.0
Heptadecane	17.871	45.6	ng	1383800	4	17.448	606505	20.0