LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

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-BG073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.154	7	11	28	rVB	348695	499527	12.56%	1.627%
2	3.718	98	107	120	rBV2	44443	104725	2.63%	0.341%
3	4.094	158	171	179	rBV	103642	296477	7.45%	0.966%
4	4.852	290	300	312	rBV2	79207	198786	5.00%	0.648%
5	4.987	317	323	331	rVV	41969	82409	2.07%	0.268%
6	5.069	332	337	343	rVB	28684	44566	1.12%	0.145%
7	5.533	409	416	429	rVB	926730	1456751	36.63%	4.746%
8	7.114	678	685	695	rBV	938114	1612184	40.54%	5.253%
9	7.948	819	827	835	rBV	288820	494924	12.44%	1.612%
10	8.706	950	956	965	rBV	217750	384676	9.67%	1.253%
11	9.100	1011	1023	1032	rBV	615420	1095935	27.56%	3.571%
12	10.745	1294	1303	1316	rBV	458995	840347	21.13%	2.738%
13	11.326	1392	1402	1407	rBV9	17889	51497	1.29%	0.168%
14	11.456	1418	1424	1430	rVB7	30507	69672	1.75%	0.227%
15	11.661	1455	1459	1466	rBV8	18414	39821	1.00%	0.130%
16	11.943	1499	1507	1512	rBV5	48505	96914	2.44%	0.316%
17	12.496	1595	1601	1605	rBV7	33284	69285	1.74%	0.226%
18	12.549	1606	1610	1614	rBV7	26838	47767	1.20%	0.156%
19	12.660	1624	1629	1633	rBV2	90084	141934	3.57%	0.462%
20	13.136	1706	1710	1714	rVB2	52576	67414	1.69%	0.220%
21	13.201	1714	1721	1730	rBV	1711545	2701372	67.92%	8.801%
22	13.377	1747	1751	1754	rBV3	62262	94846	2.38%	0.309%
23	13.412	1755	1757	1764	rVB6	67861	97884	2.46%	0.319%
24	13.524	1772	1776	1780	rVB4	80138	119352	3.00%	0.389%
25	13.583	1782	1786	1794	rVB8	67429	149475	3.76%	0.487%
26	13.859	1829	1833	1839	rBV6	112726	198256	4.98%	0.646%
27	13.935	1841	1846	1853	rVB	539876	848610	21.34%	2.765%
28	14.017	1855	1860	1867	rBV2	260331	610237	15.34%	1.988%
29	14.082	1867	1871	1876	rBV5	126822	226583	5.70%	0.738%
30	14.329	1909	1913	1916	rBV4	115715	211300	5.31%	0.688%
31	14.417	1925	1928	1935	rVB4	293342	516797	12.99%	1.684%
32	14.487	1936	1940	1945	rBV3	167538	275612	6.93%	0.898%
33	14.576	1946	1955	1961	rBV	799175	1700471	42.76%	5.540%
34	15.110	2044	2046	2054	rVB6	133412	220012	5.53%	0.717%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

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-BG073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.375	2088	2091	2097	rVB2	239115	326337	8.21%	1.063%
36	16.062	2203	2208	2217	rBV	1349318	2104756	52.92%	6.857%
37	16.303	2246	2249	2250	rBV	281008	295280	7.42%	0.962%
38	16.332	2251	2254	2258	rVB	725550	925975	23.28%	3.017%
39	17.155	2391	2394	2401	rVB	726149	1062009	26.70%	3.460%
40	17.319	2419	2422	2427	rBV	675751	1004825	25.26%	3.274%
41	19.934	2863	2867	2879	rVB	2854423	3977230	100.00%	12.958%
42	21.232	3084	3088	3101	rVB	569223	961310	24.17%	3.132%
43	21.561	3139	3144	3150	rVB2	902757	1460904	36.73%	4.760%
44	22.372	3279	3282	3288	rVB2	94640	147231	3.70%	0.480%
45	23.042	3392	3396	3401	rVB	88736	139147	3.50%	0.453%
46	23.371	3449	3452	3462	rVB2	82508	145773	3.67%	0.475%
47	23.824	3524	3529	3533	rBV	97078	185882	4.67%	0.606%
48	23.865	3534	3536	3548	rVB5	71933	143911	3.62%	0.469%
49	24.670	3664	3673	3681	rBV2	610010	1659935	41.74%	5.408%
50	25.827	3862	3870	3880	rBV3	80958	231803	5.83%	0.755%
51	25.933	3881	3888	3902	rVV4	76869	254741	6.40%	0.830%

Sum of corrected areas: 30693467

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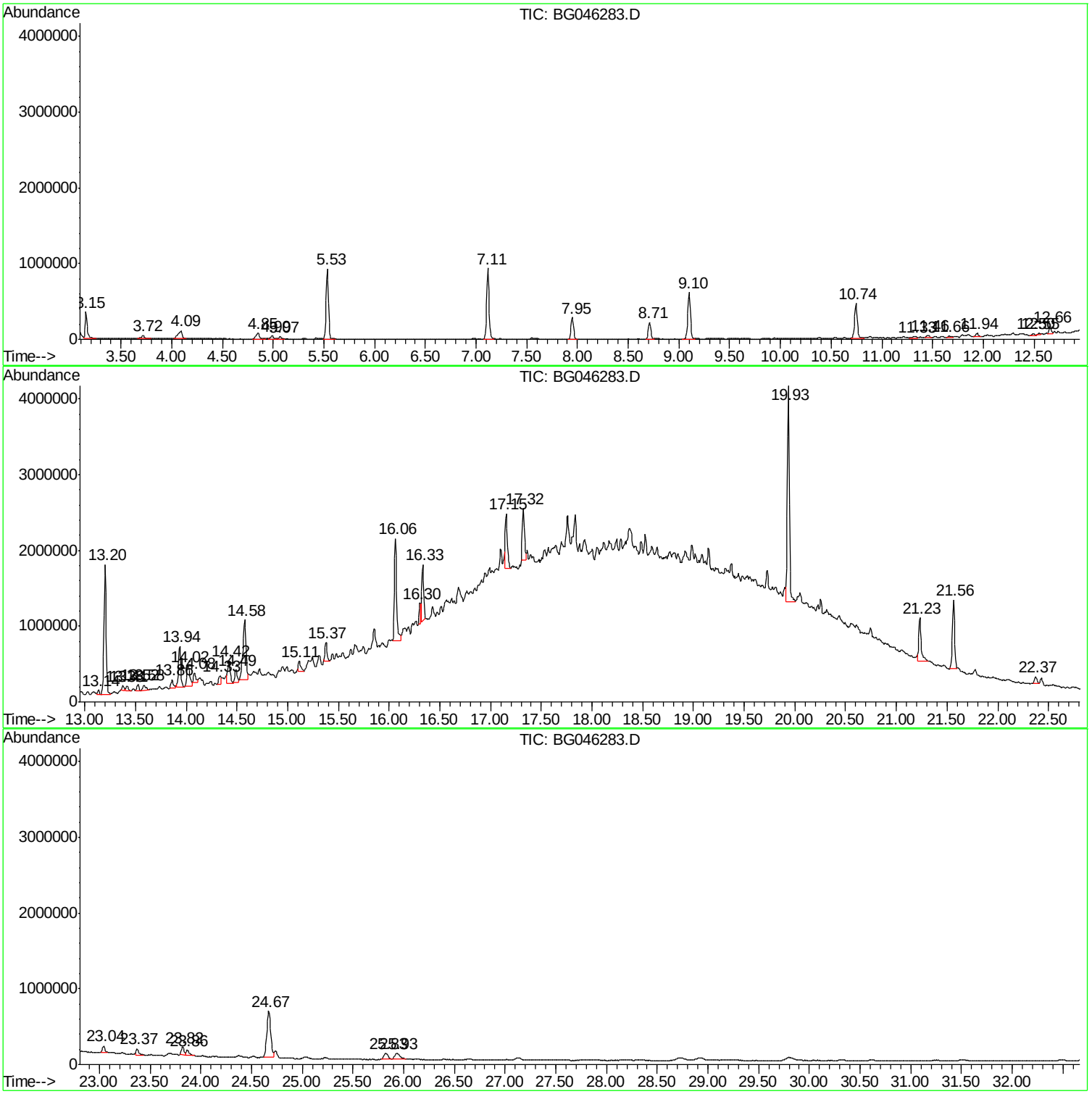
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

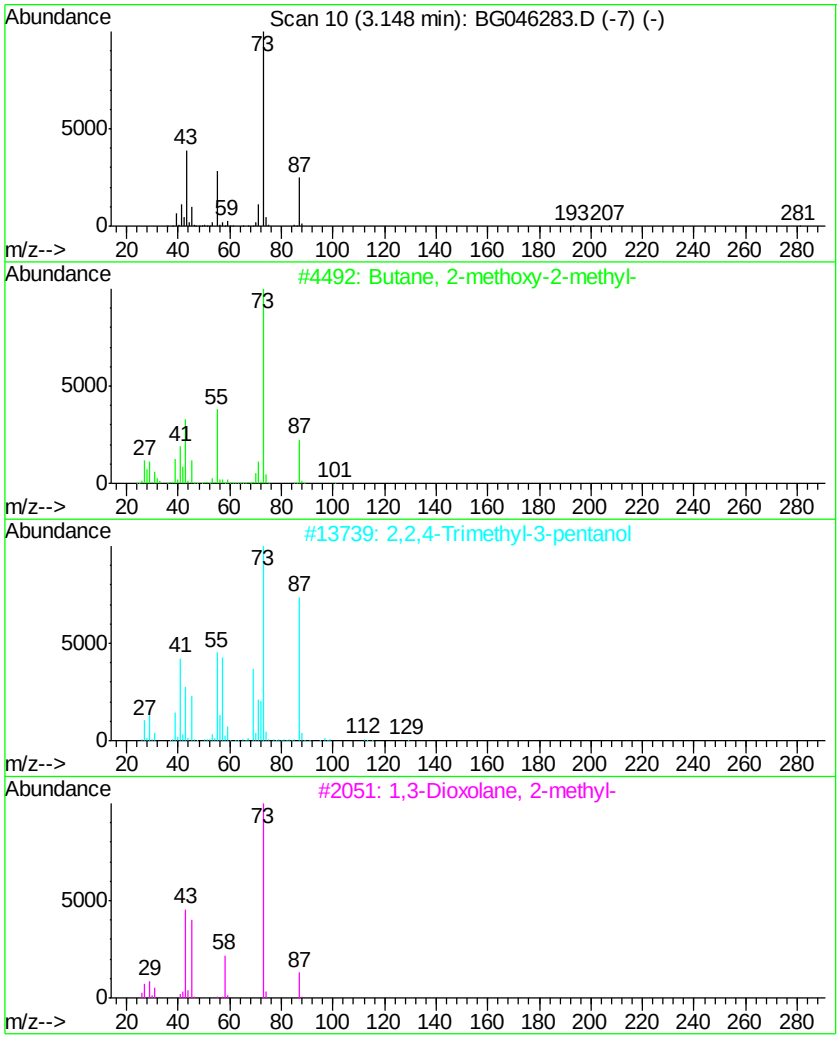
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

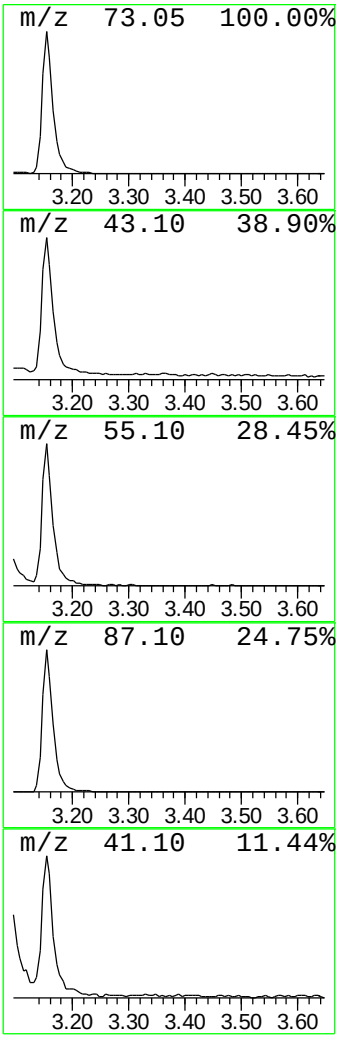
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	20.19 ng	499527	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

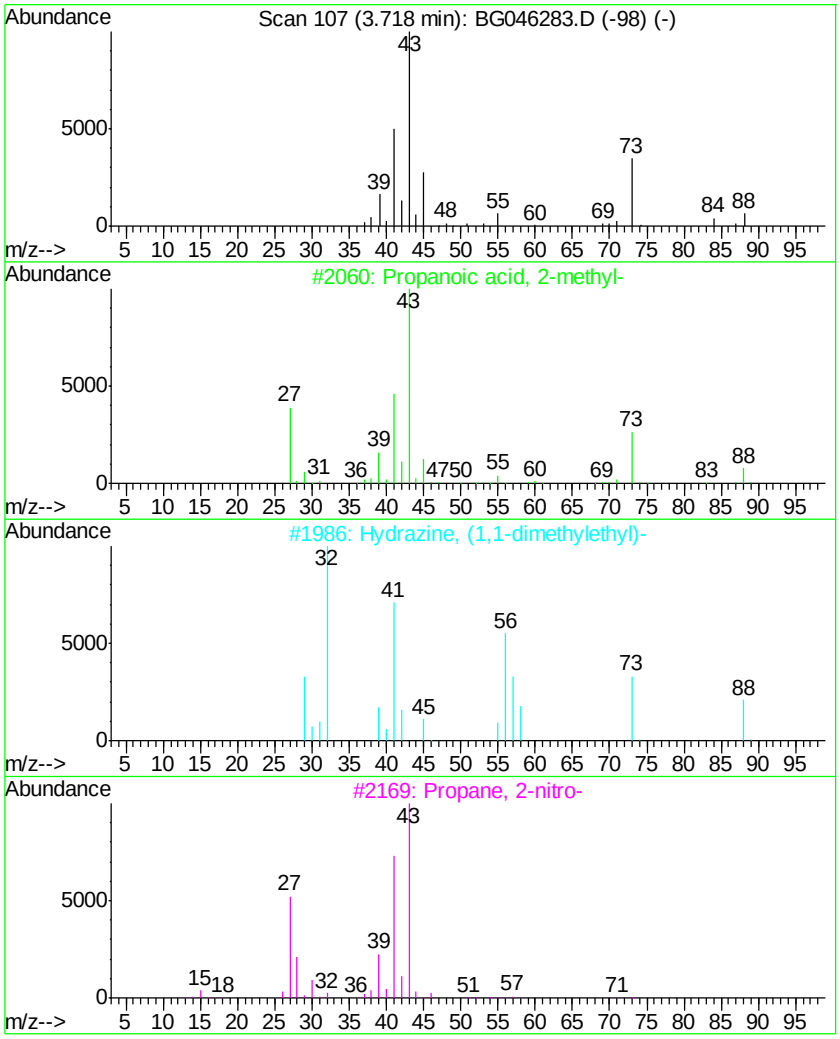
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

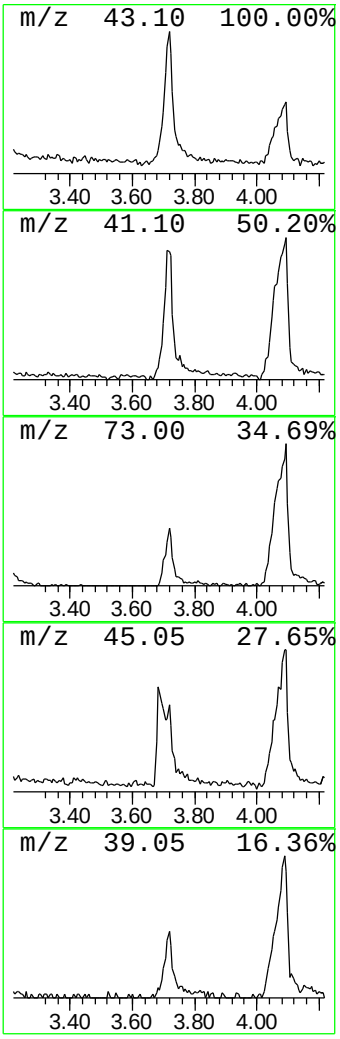
****

Peak Number 2 Propanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	4.23 ng	104725	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59
2	Hydrazine, (1,1-dimethylethyl)-	88	C4H12N2	032064-67-8	12
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	10
4	4-Penten-2-one	84	C5H8O	013891-87-7	9
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

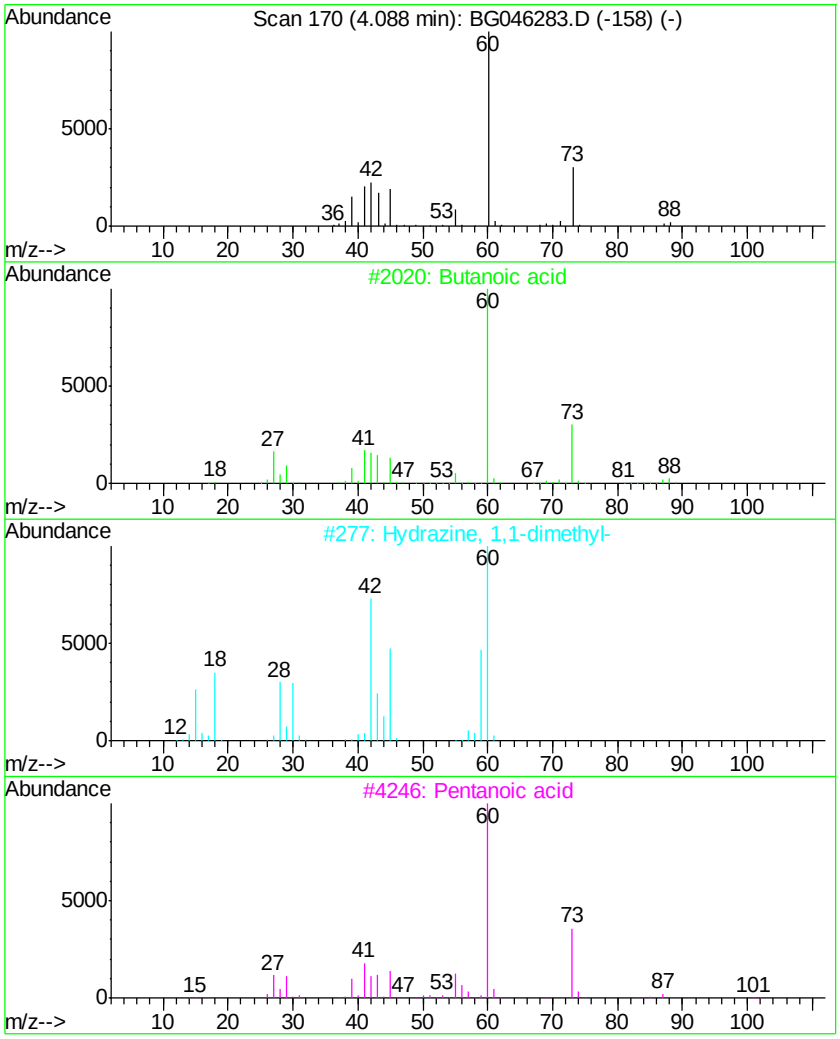
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

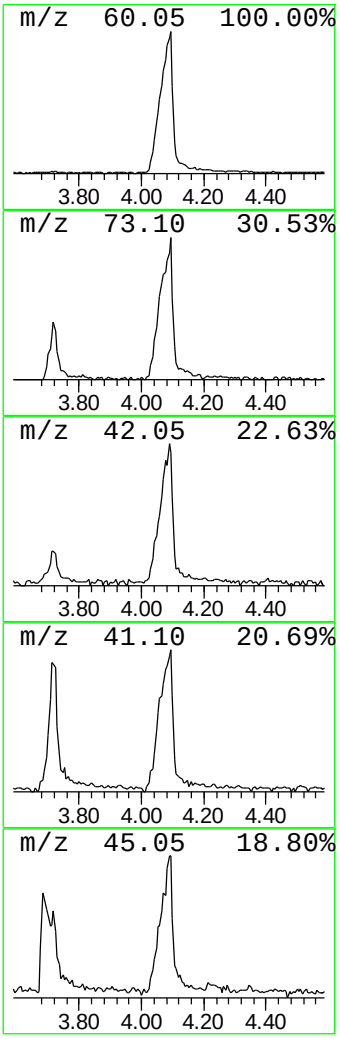
****

Peak Number 3 Butanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	11.98 ng	296477	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	72
2	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
3	Pentanoic acid	102	C5H10O2	000109-52-4	9
4	Hexanoic acid	116	C6H12O2	000142-62-1	9
5	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

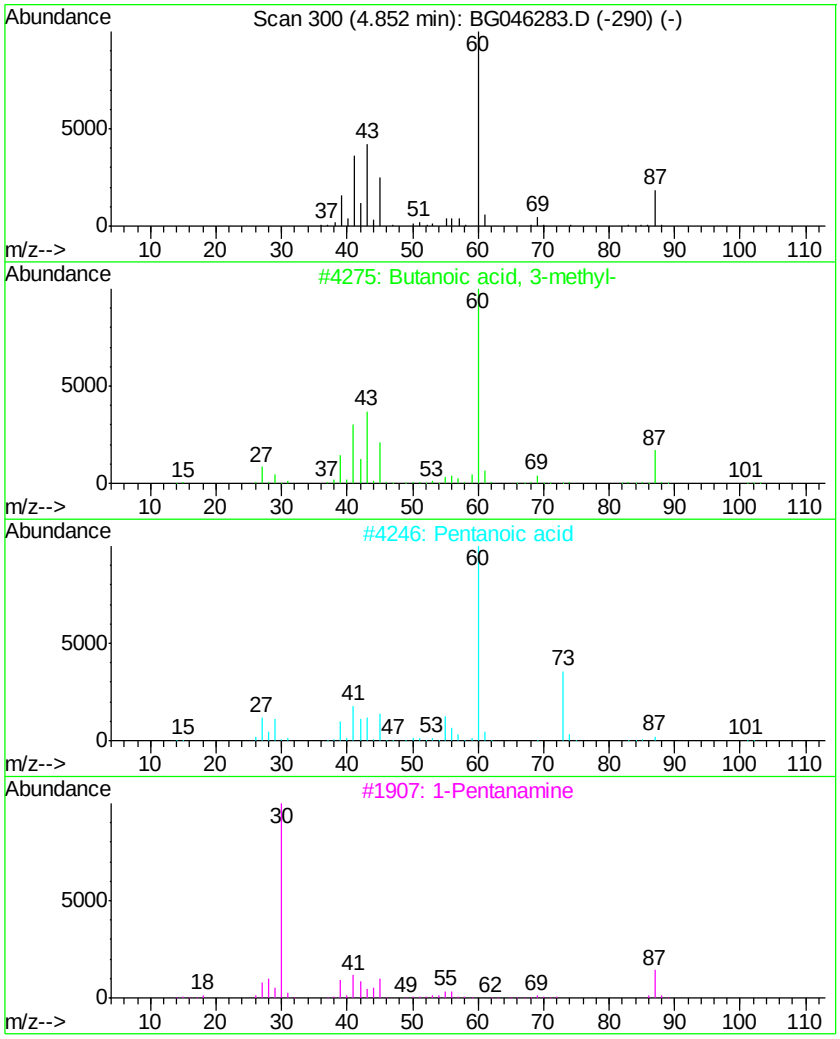
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

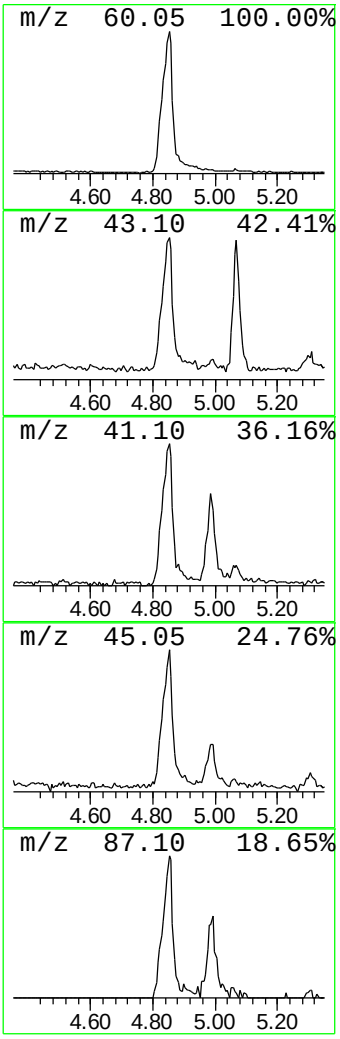
****

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	8.03 ng	198786	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	38
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	9
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

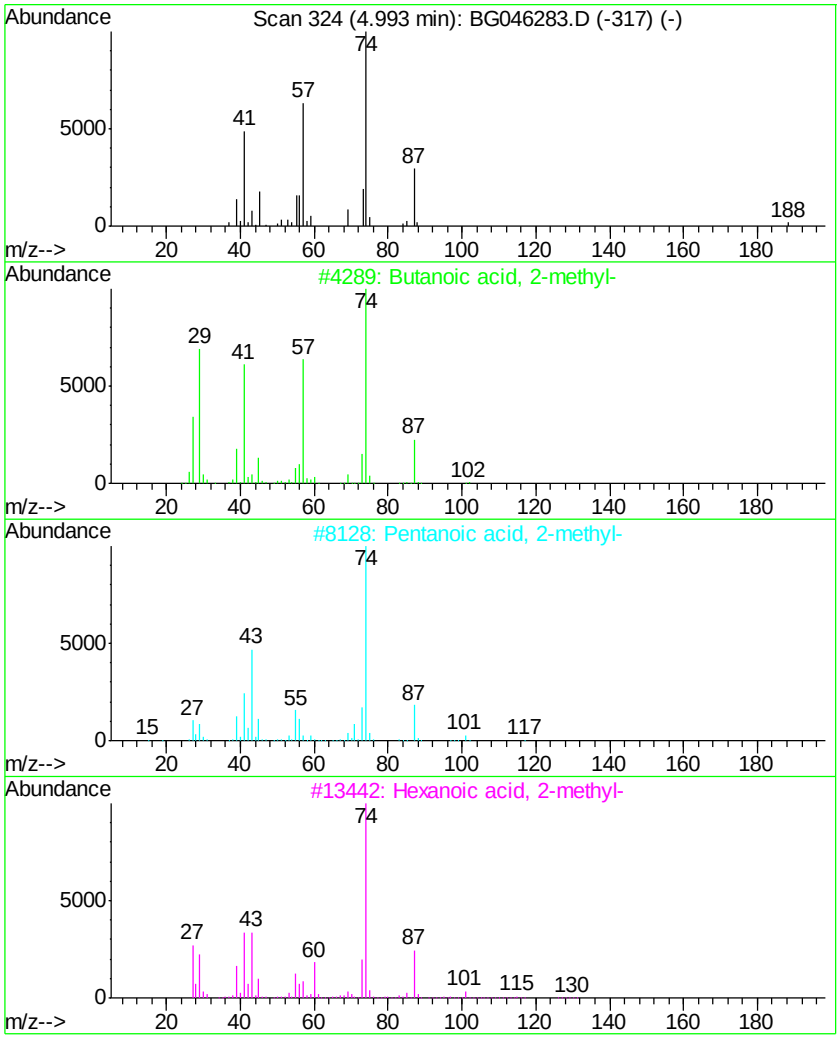
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

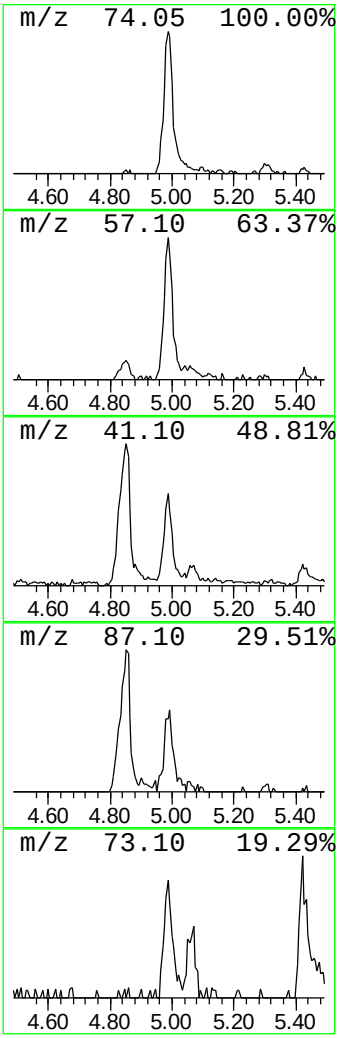
****

Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.33 ng	82409	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	78
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	56
4	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	50
5	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29NO2	004909-78-8	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

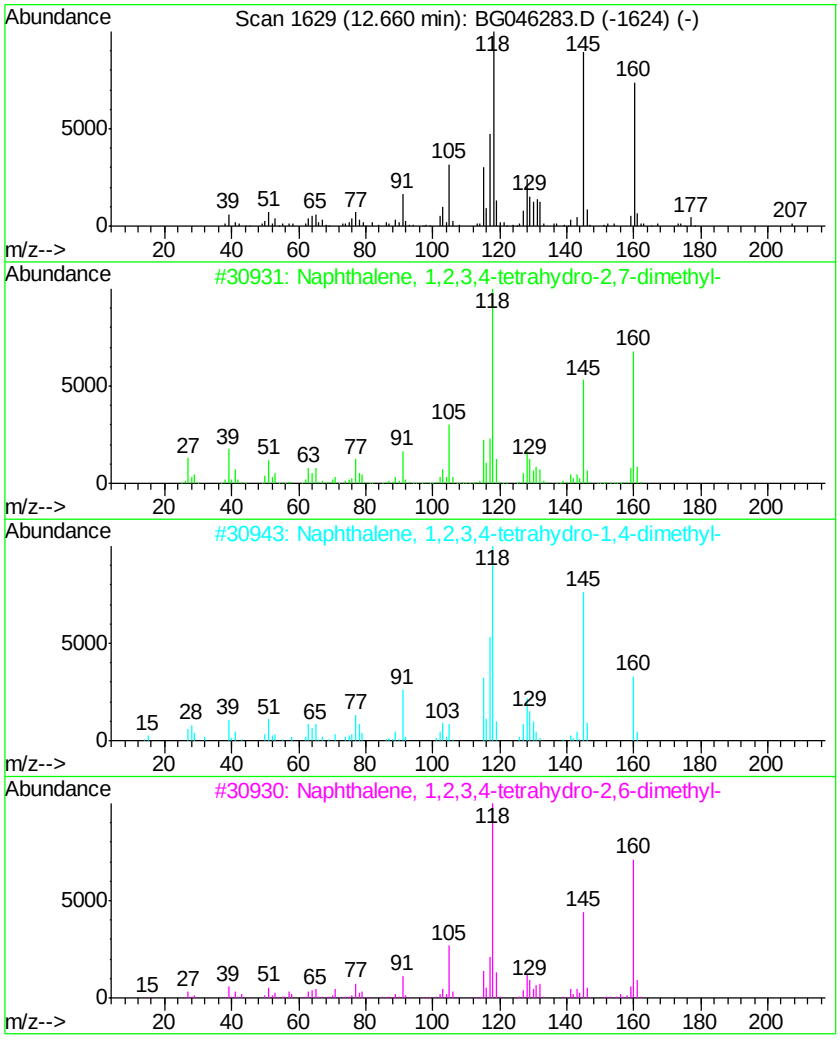
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

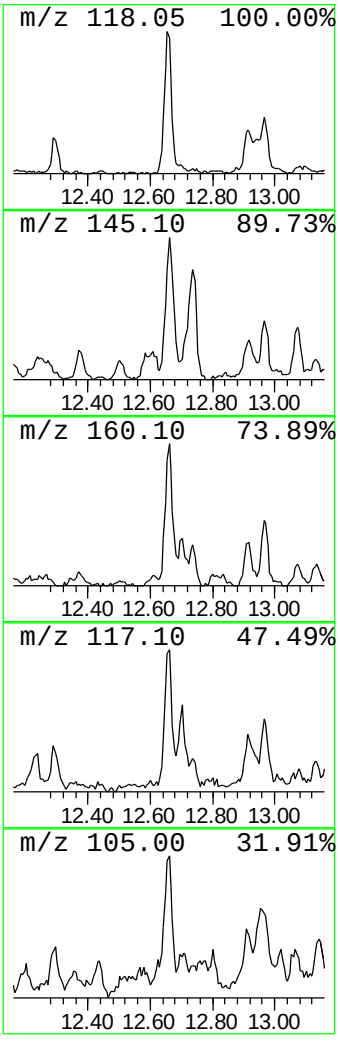
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	3.38 ng	141934	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	52
5	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

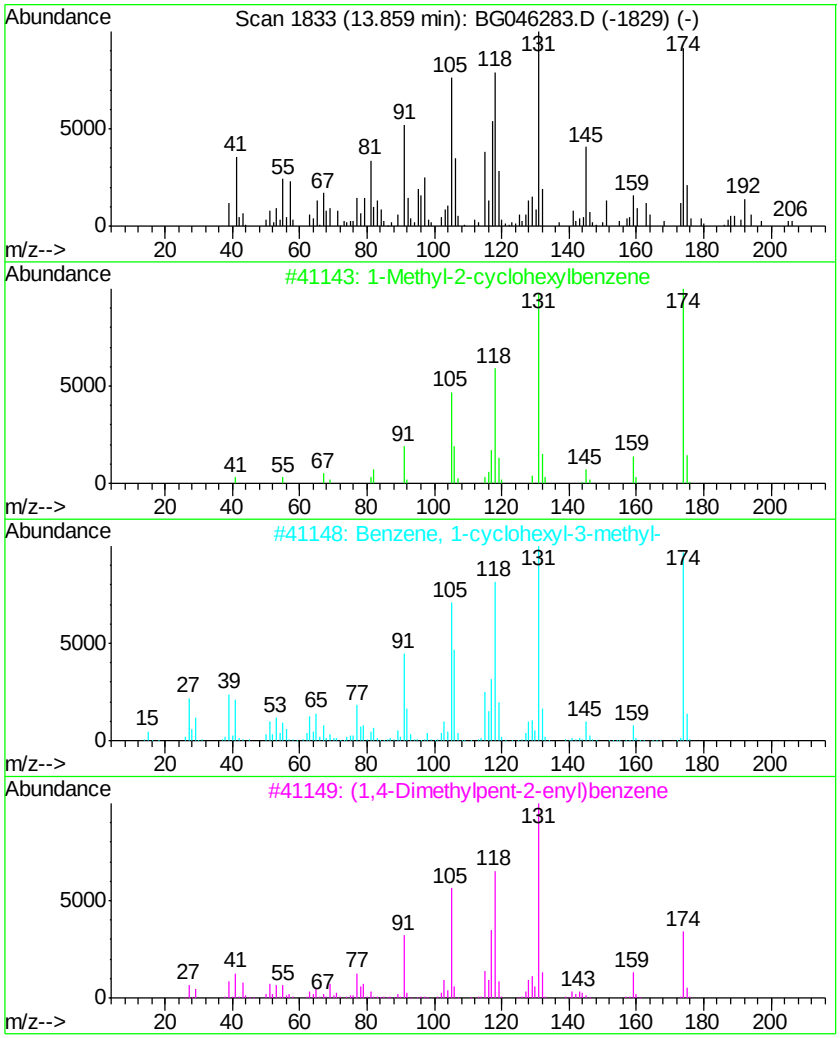
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

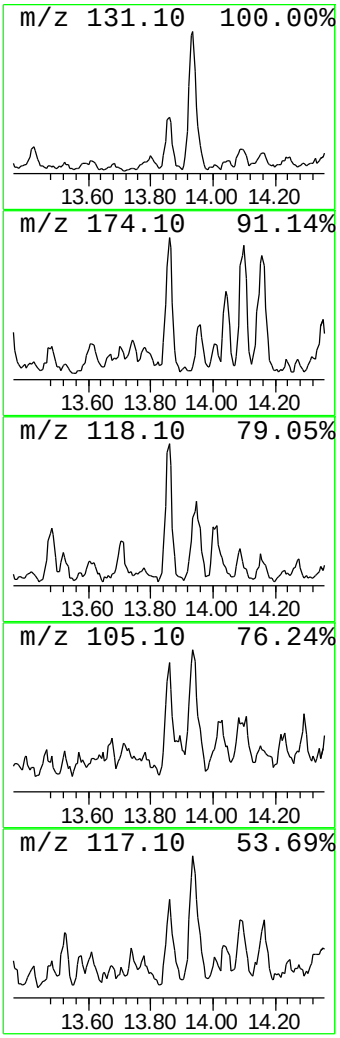
****

Peak Number 7 1-Methyl-2-cyclohexylbenzene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.33 ng	198256	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	76
2	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	76
3	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	42
5	1-Methoxy-3-phenylpropane	150	C10H14O	002046-33-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

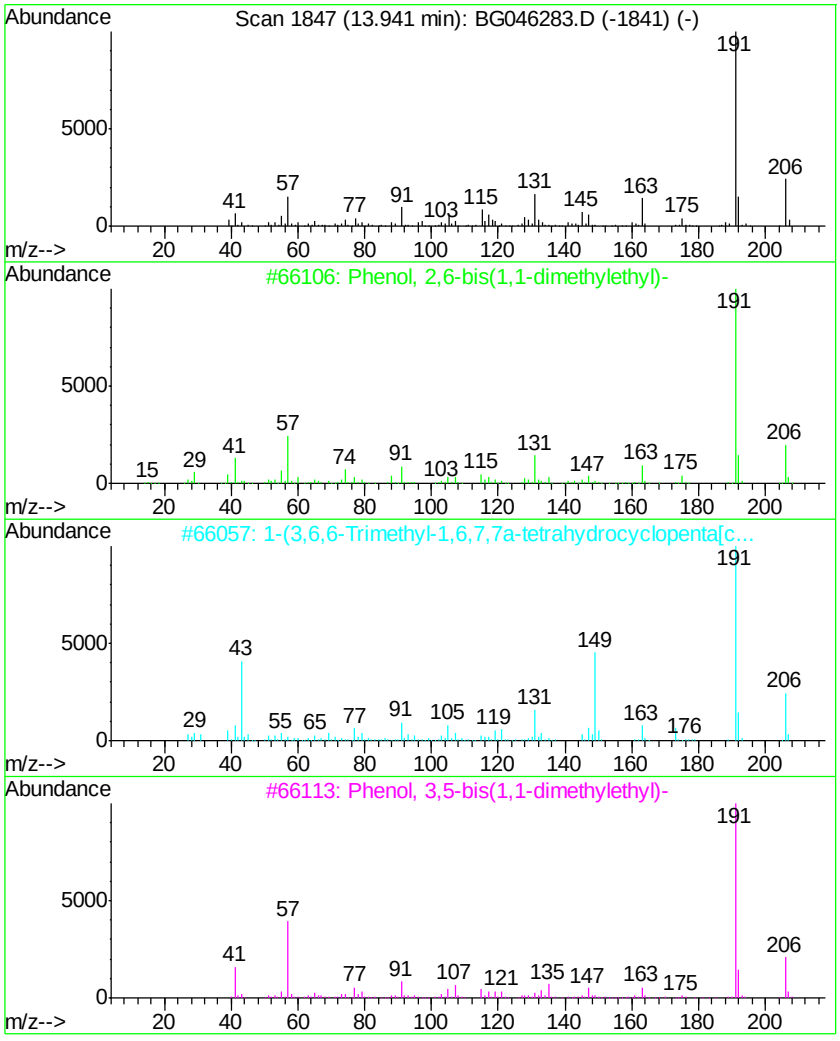
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

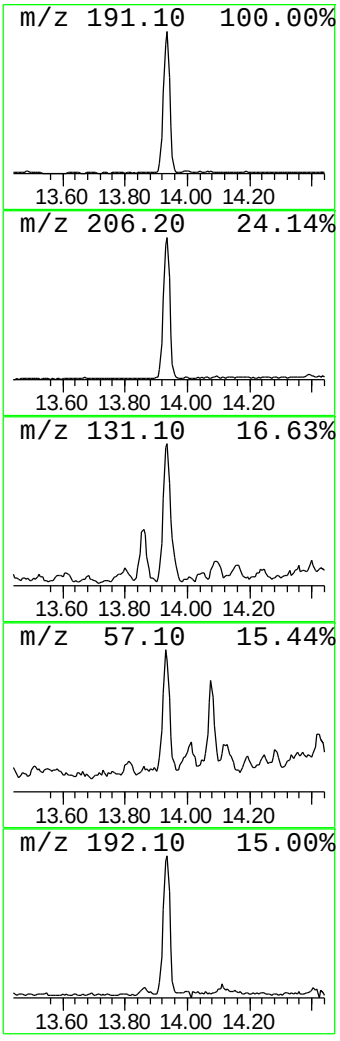
****

Peak Number 8 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	9.98 ng	848610	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	94
2	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	91
3	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	83
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	74
5	Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

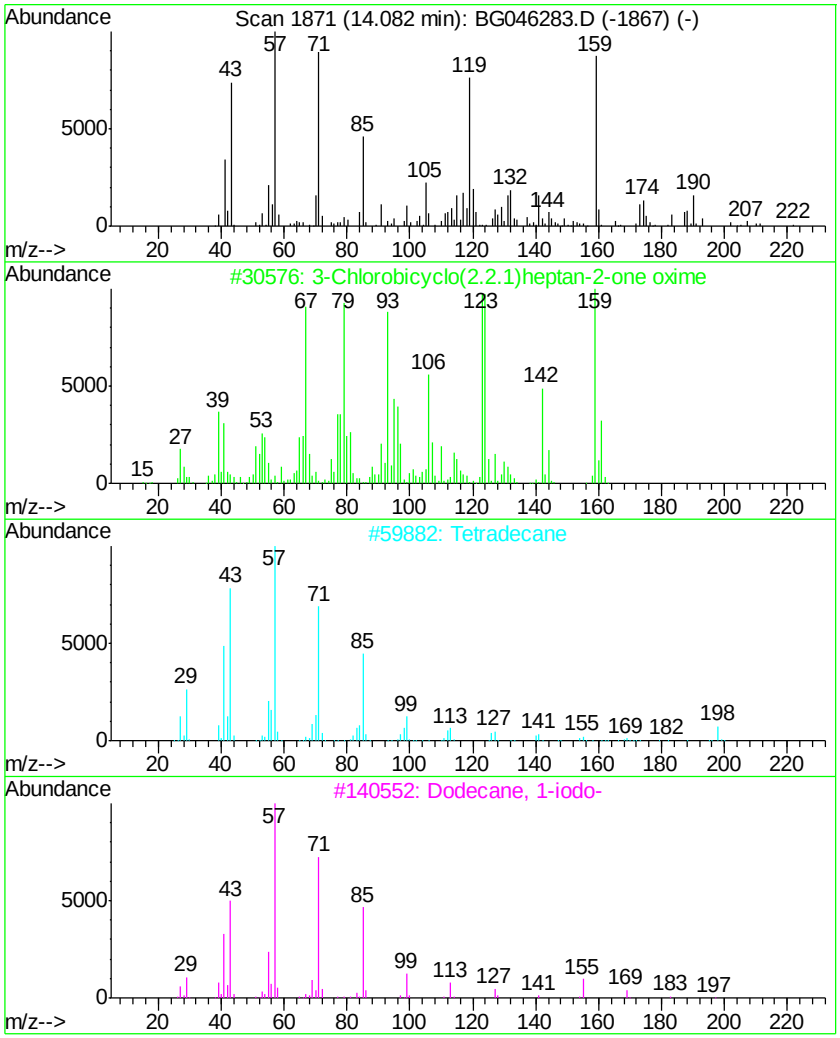
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

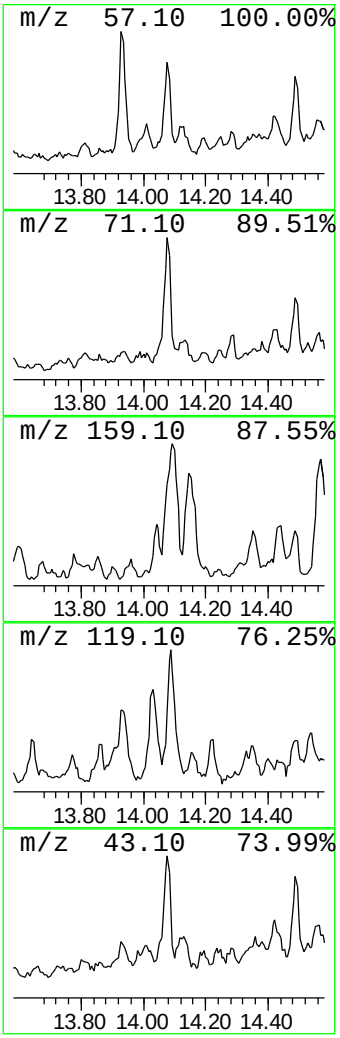
****

Peak Number 9 unknown14.08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.66 ng	226583	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chlorobicyclo(2.2.1)heptan-2-o...	159	C7H10ClNO	010499-35-1	25
2	Tetradecane	198	C14H30	000629-59-4	22
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	22
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	22





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Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

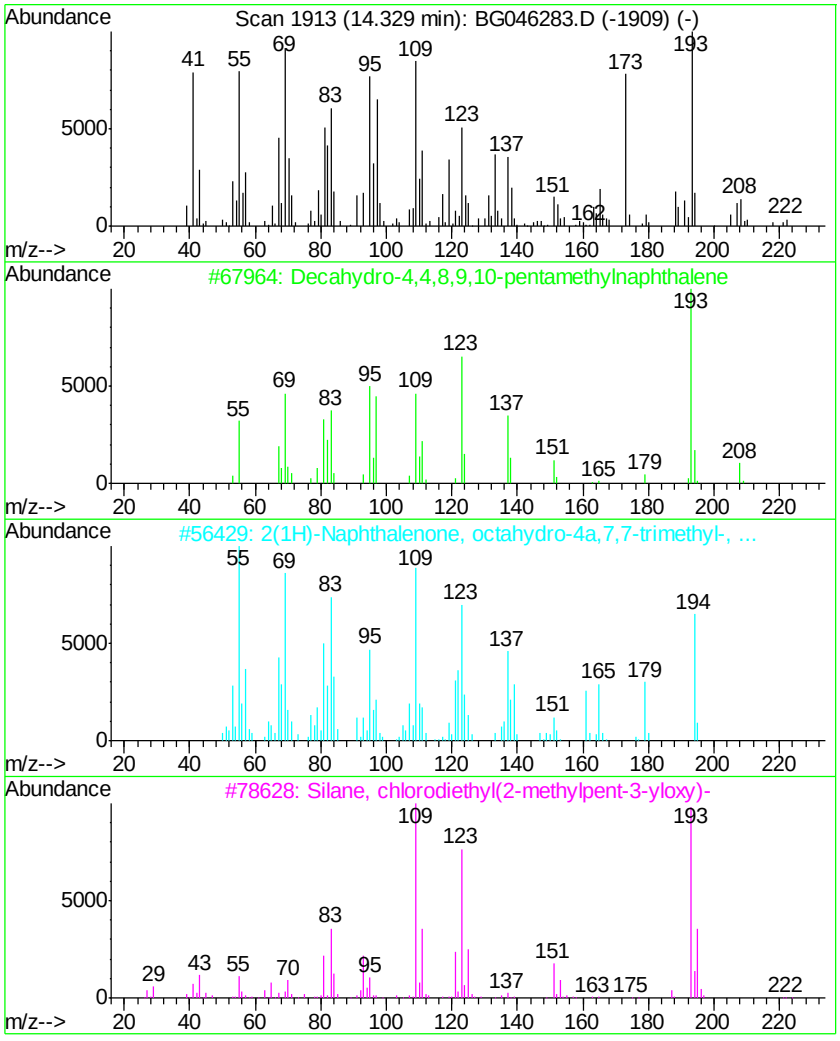
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

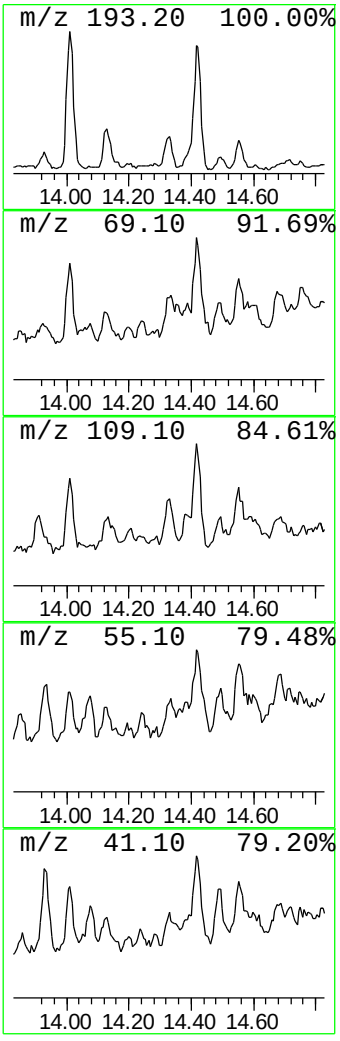
****

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.49 ng	211300	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	38
3	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	35
4	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	27
5	Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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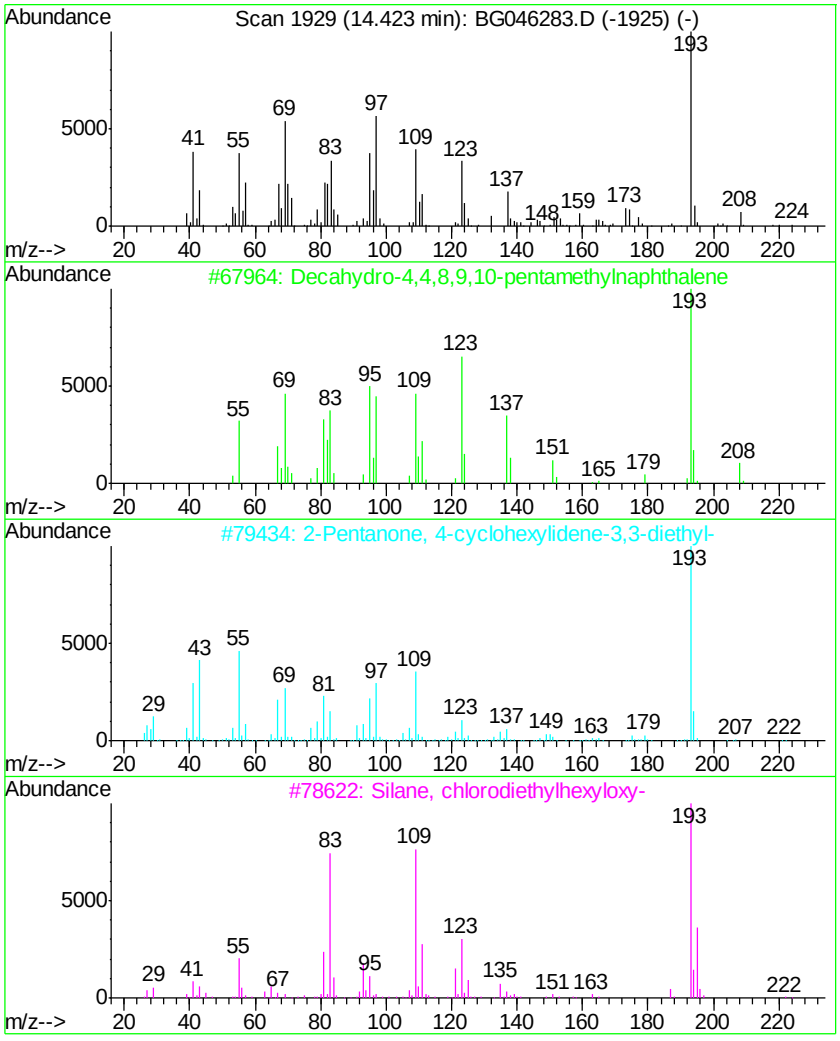
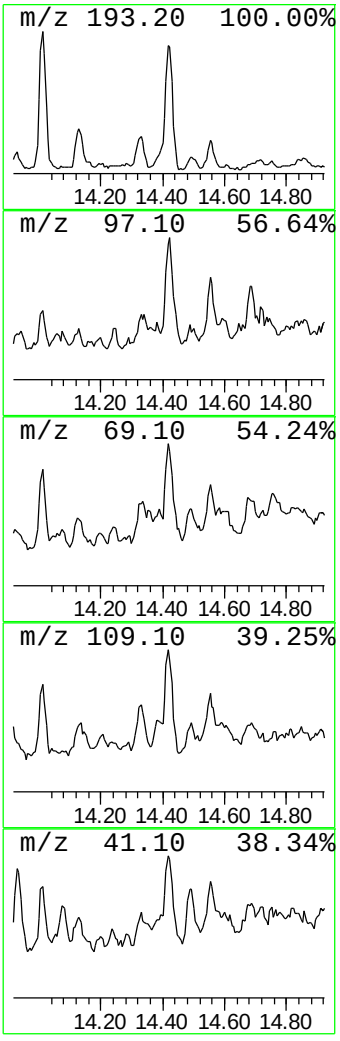
Peak Number 11 unknown14.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	6.08 ng	516797	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	47
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	30
4	Iminostilbene	193	C14H11N	000256-96-2	22
5	Anthracene, 9,10-dihydro-9,10-di...	208	C16H16	022566-43-4	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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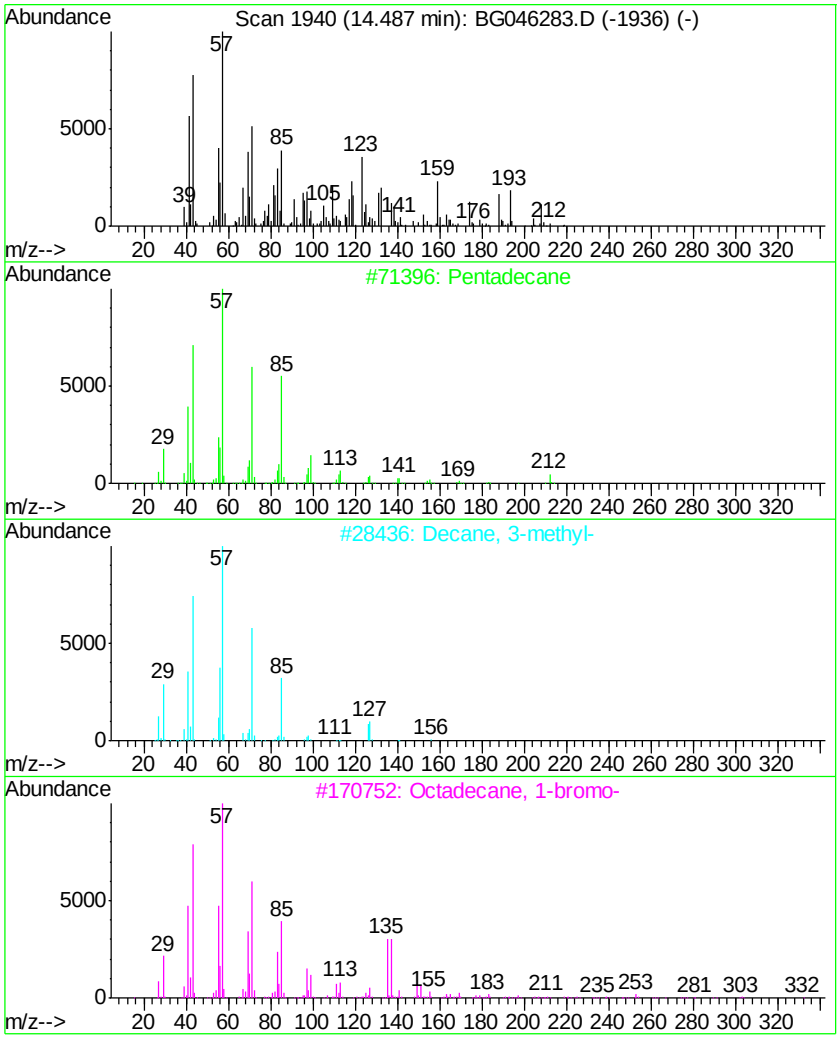
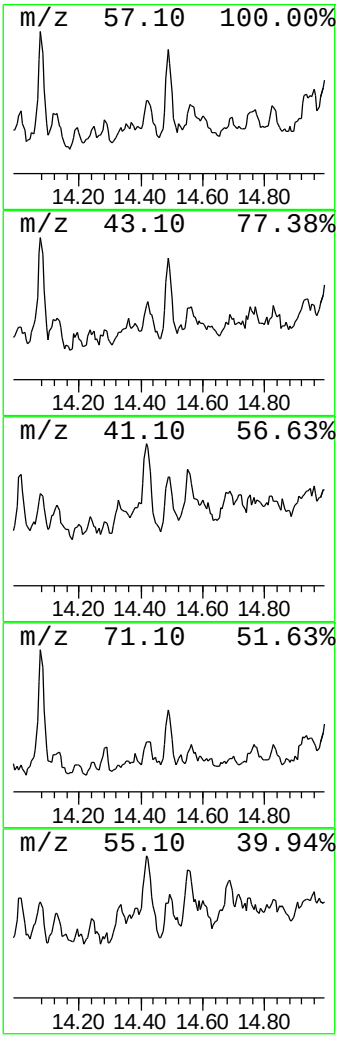
Peak Number 12 unknown14.49 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	3.24 ng	275612	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	30
2	Decane, 3-methyl-	156	C11H24	013151-34-3	25
3	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	25
4	Nonadecane	268	C19H40	000629-92-5	25
5	2,5,5,6,8a-Pentamethyl-trans-4a,...	208	C14H24O	1000215-77-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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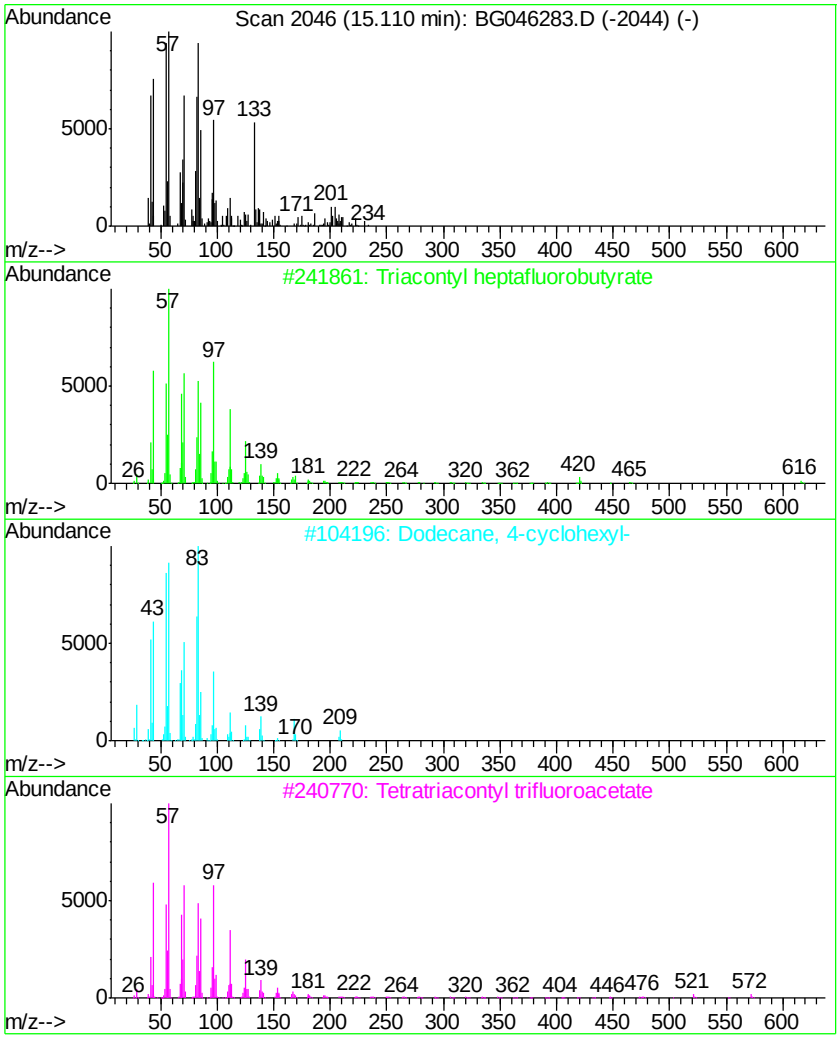
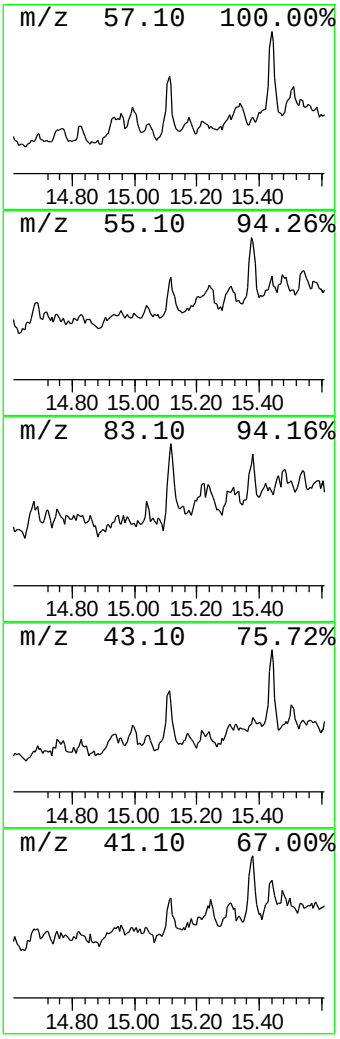
Peak Number 13 Triacontyl heptafluorobutyrate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.59 ng	220012	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	53
2	Dodecane, 4-cyclohexyl-	252	C18H36	013151-84-3	52
3	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	49
4	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	49
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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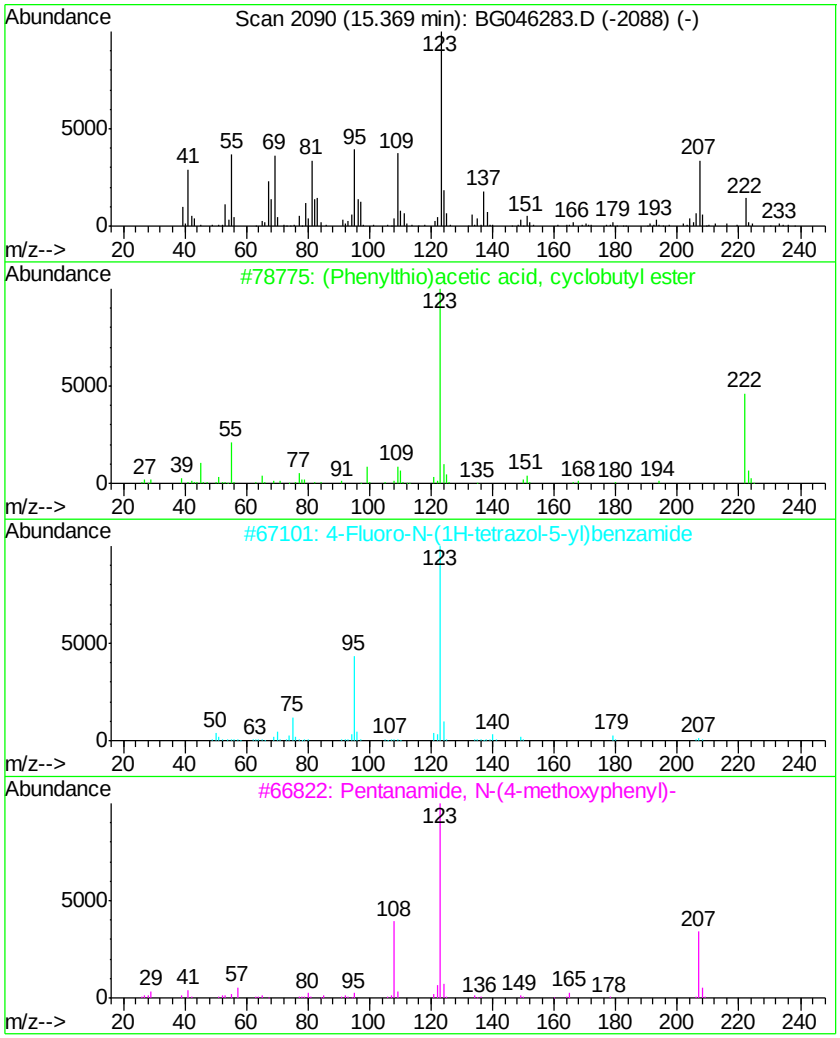
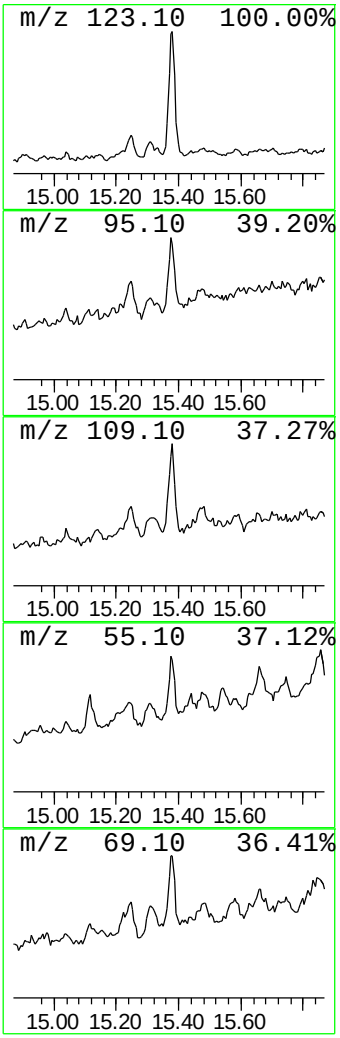
Peak Number 14 unknown15.37 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.84 ng	326337	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	49
2	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	47
3	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	47
4	4-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-68-0	47
5	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	47





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Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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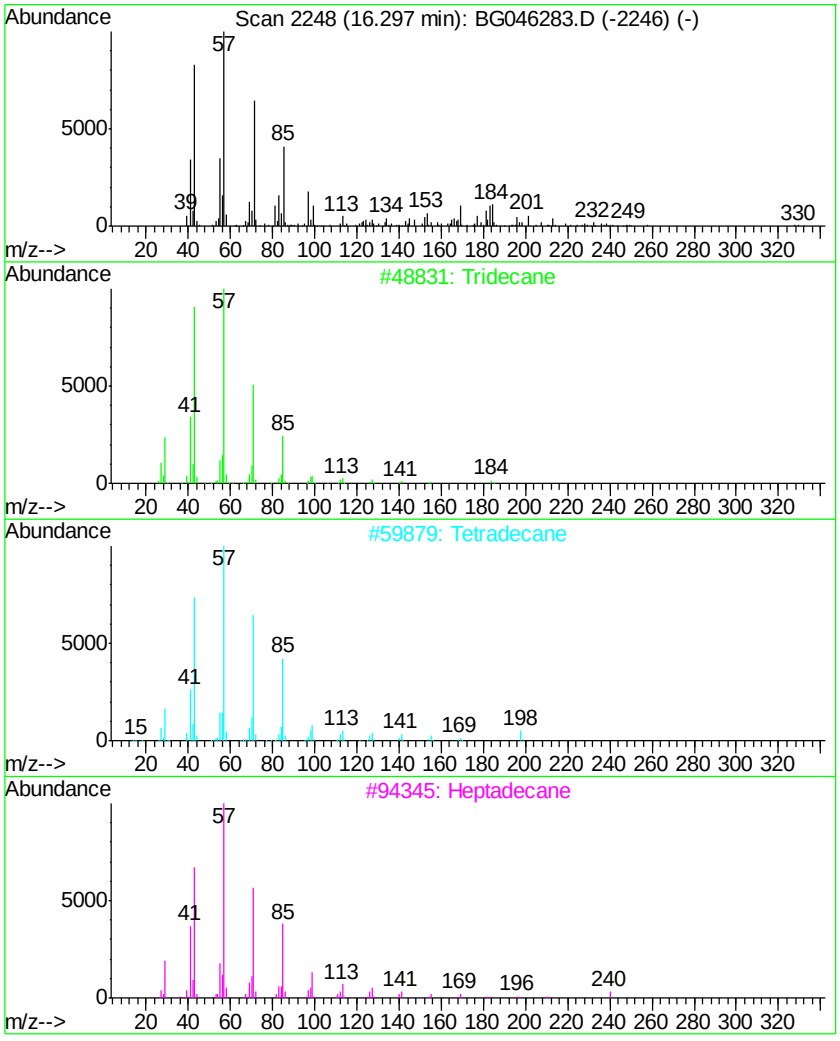
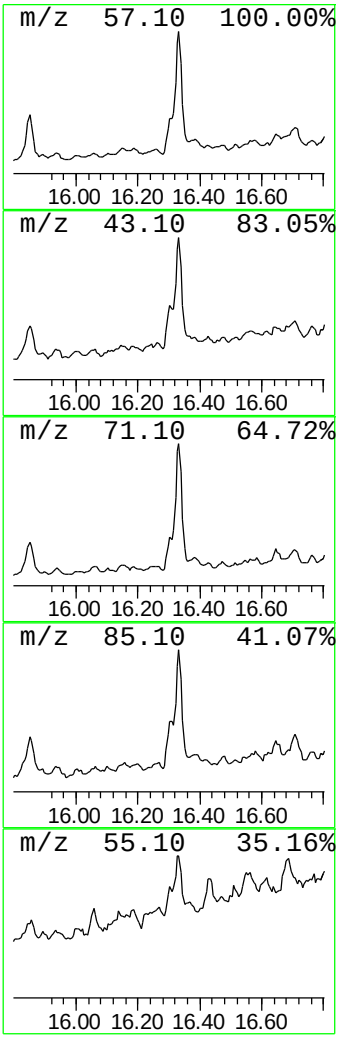
Peak Number 15 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	5.88 ng	295280	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Tetradecane	198	C14H30	000629-59-4	76
3	Heptadecane	240	C17H36	000629-78-7	74
4	Octacosane	394	C28H58	000630-02-4	72
5	Eicosane	282	C20H42	000112-95-8	64





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Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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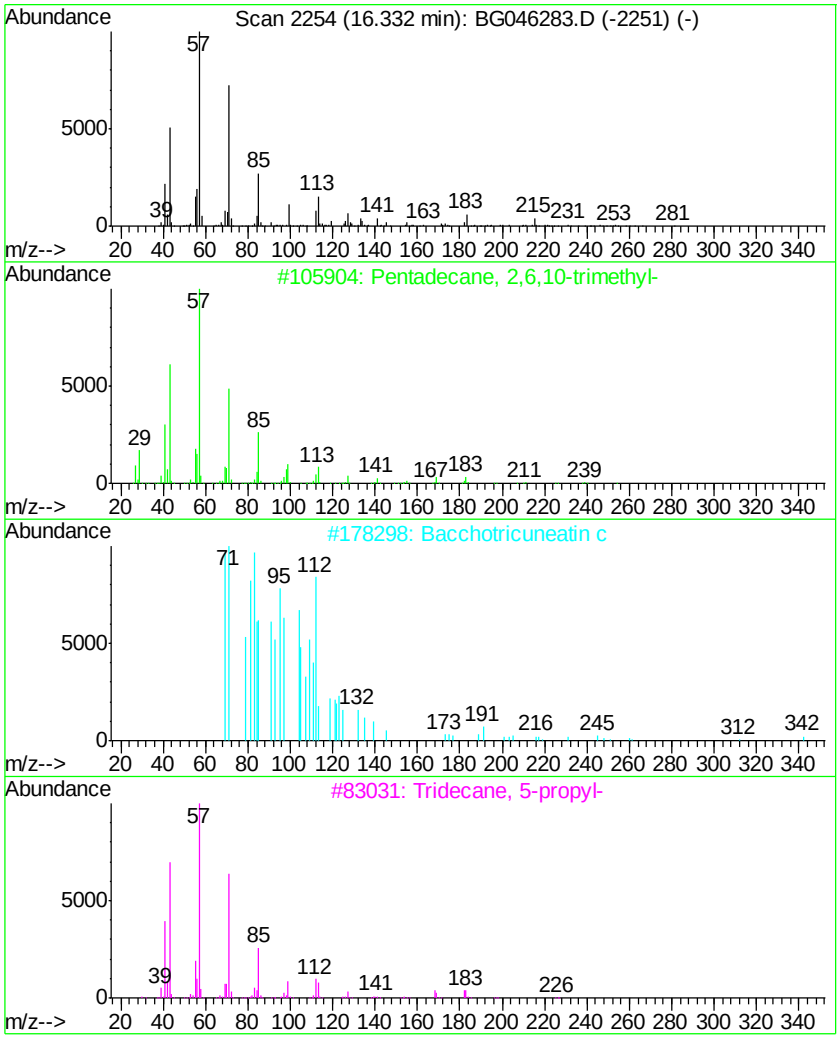
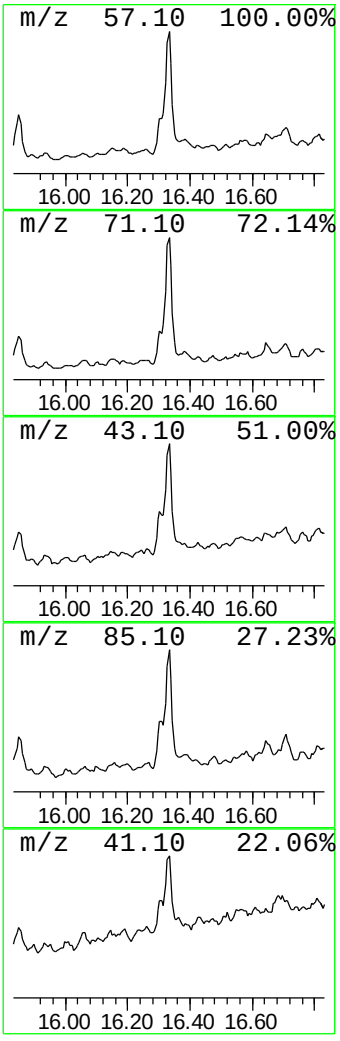
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	18.43 ng	925975	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5	Heptacosane	380	C27H56	000593-49-7	64





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Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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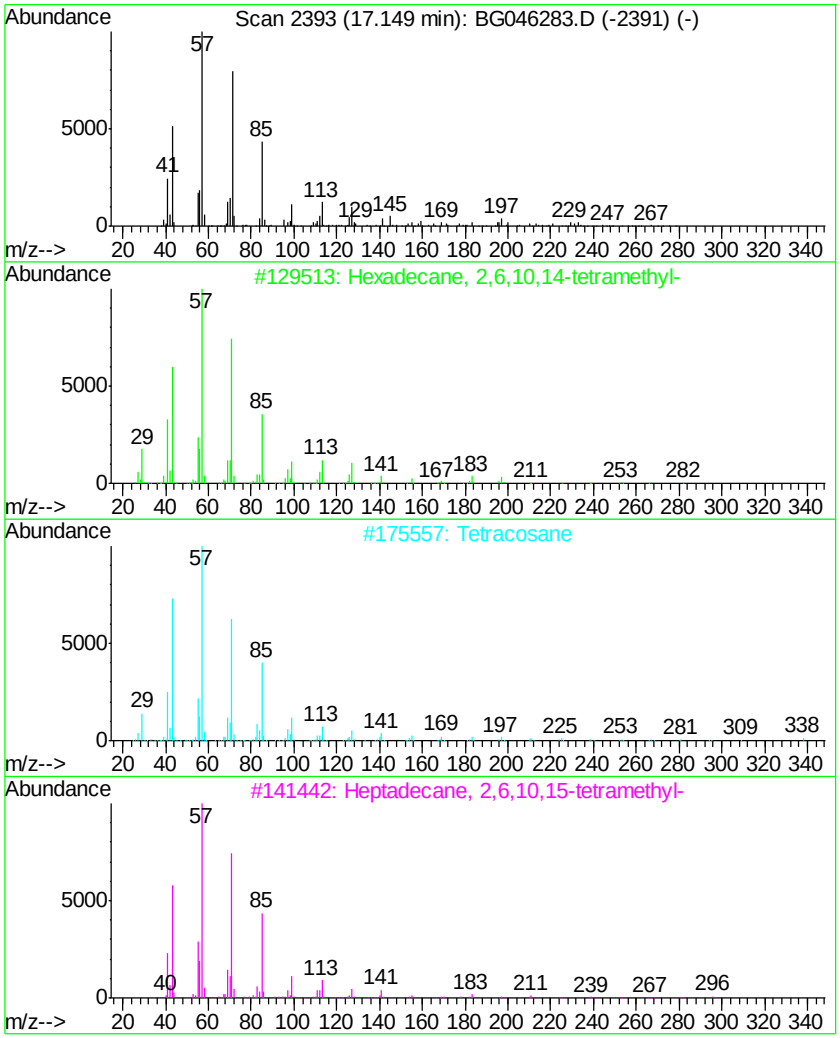
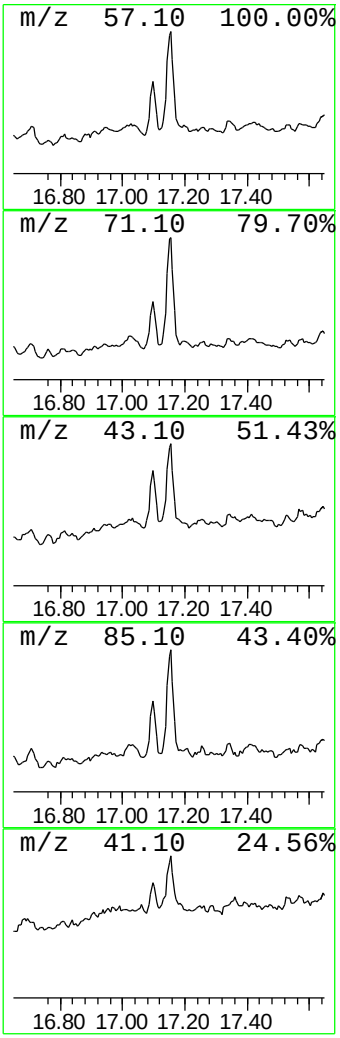
Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	21.14 ng	1062010	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Octane, 2-methyl-	128	C9H20	003221-61-2	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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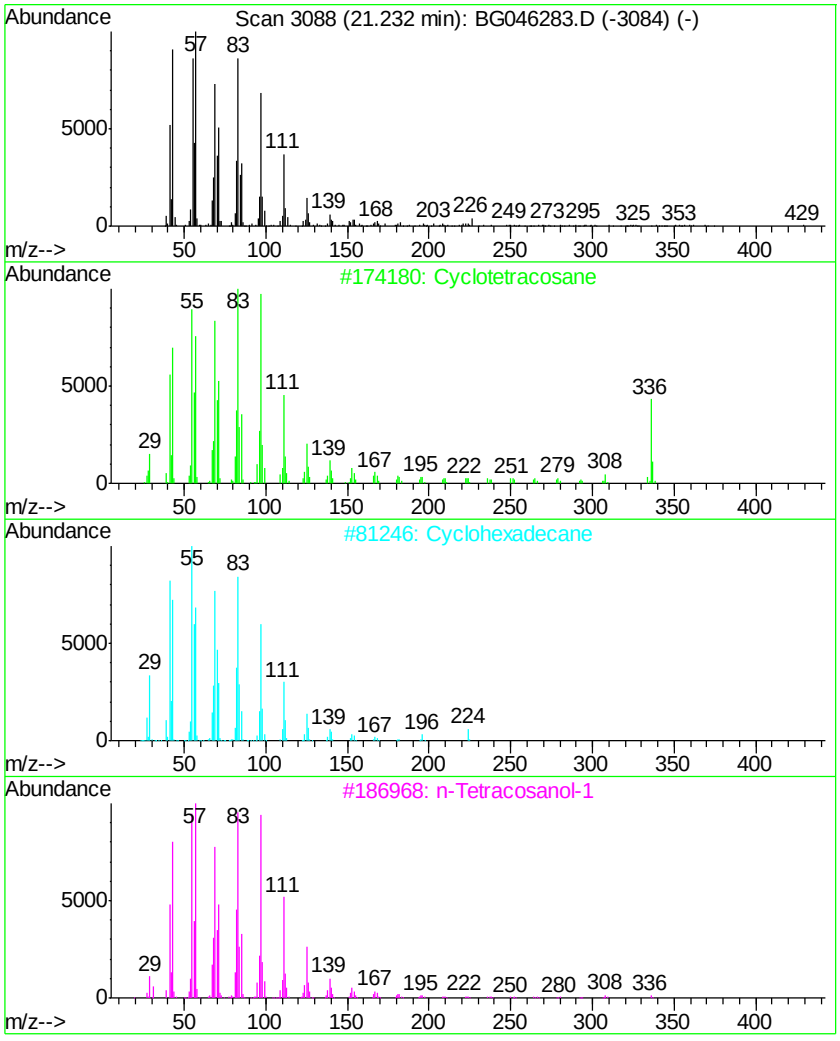
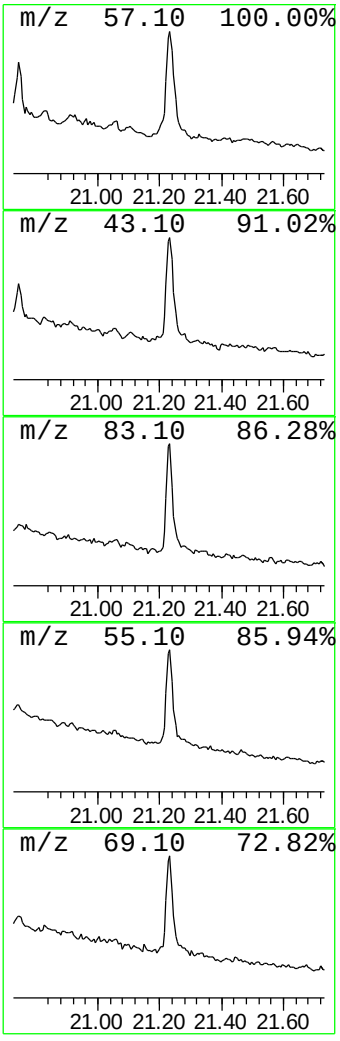
Peak Number 18 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	13.16 ng	961310	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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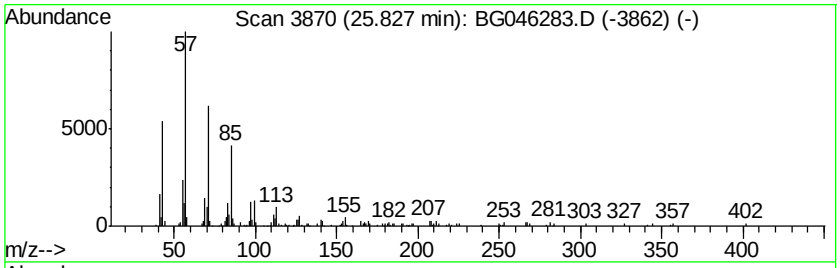
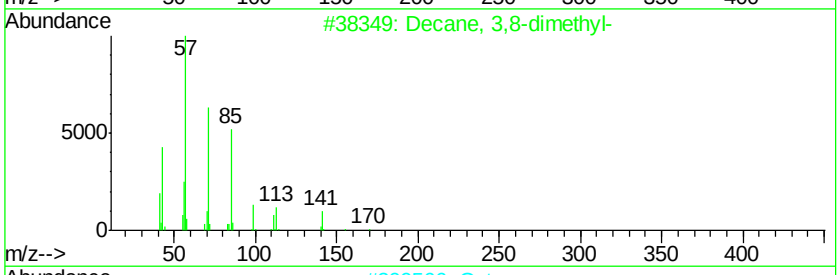
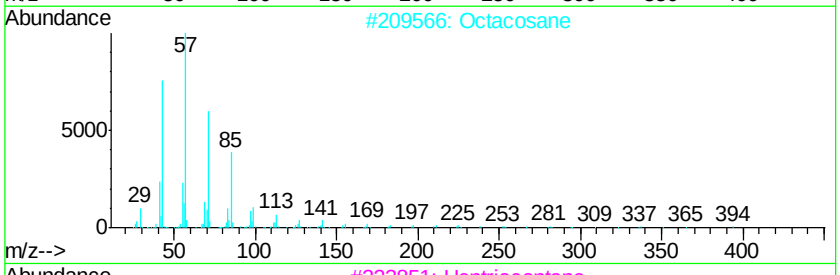
Peak Number 19 Decane, 3,8-dimethyl- Concentration Rank 16

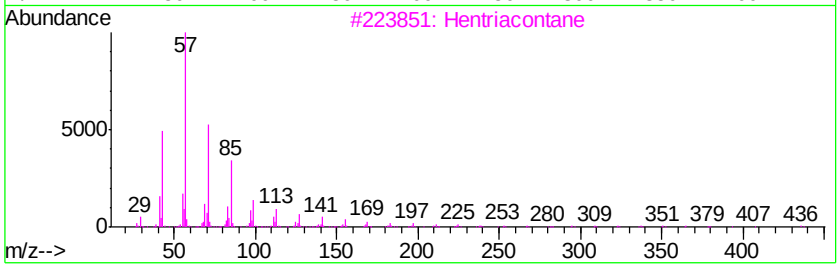
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.79 ng	231803	Perylene-d12	24.67

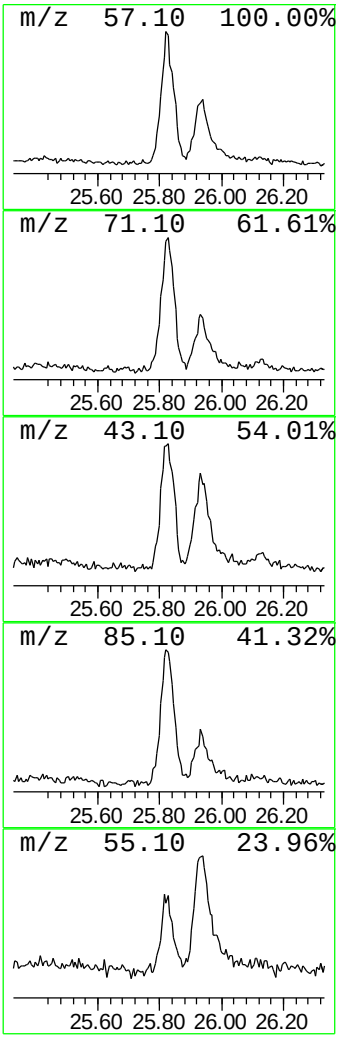
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Pentacosane	352	C25H52	000629-99-2	87











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

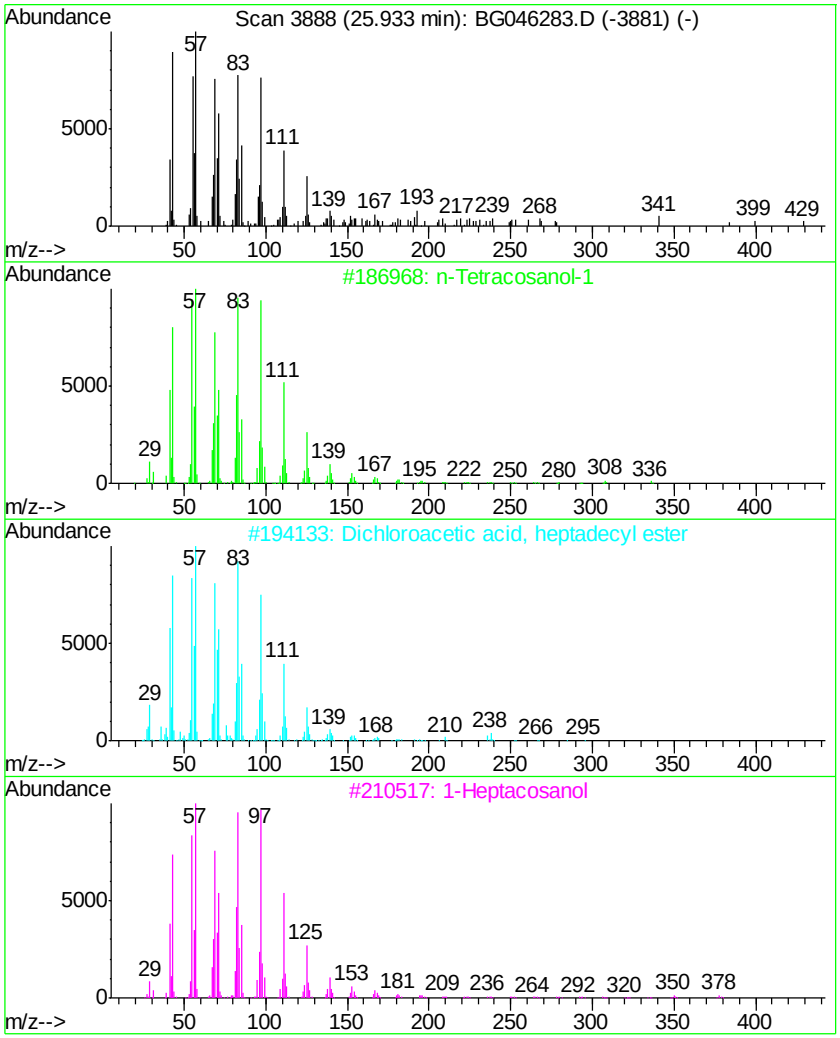
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

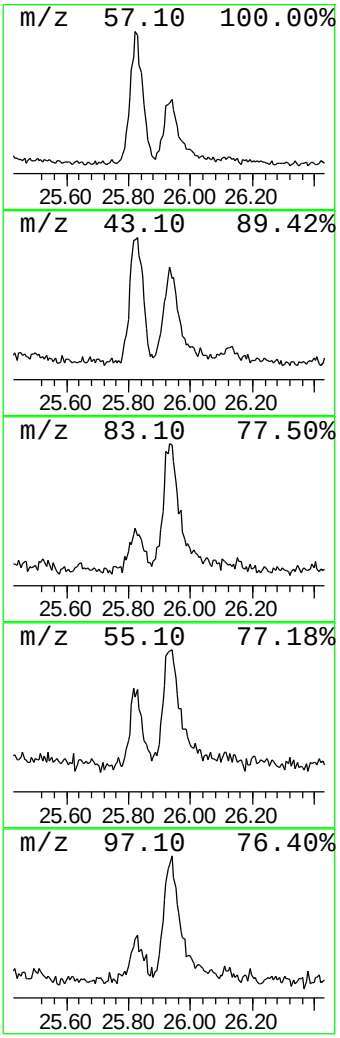
****

Peak Number 20 n-Tetracosanol-1 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.93	3.07 ng	254741	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081420\
Data File : BG046283.D
Acq On : 14 Aug 2020 20:01
Operator : CG/JU
Sample : L3662-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	20.2	ng	499527	1	7.95	494924	20.0
Propanoic acid, 2...	3.72	4.2	ng	104725	1	7.95	494924	20.0
Butanoic acid	4.09	12.0	ng	296477	1	7.95	494924	20.0
Butanoic acid, 3-...	4.85	8.0	ng	198786	1	7.95	494924	20.0
Butanoic acid, 2-...	4.99	3.3	ng	82409	1	7.95	494924	20.0
Naphthalene, 1,2,...	12.66	3.4	ng	141934	2	10.74	840347	20.0
1-Methyl-2-cycloh...	13.86	2.3	ng	198256	3	14.58	1700470	20.0
Phenol, 2,6-bis(1...	13.94	10.0	ng	848610	3	14.58	1700470	20.0
unknown14.08	14.08	2.7	ng	226583	3	14.58	1700470	20.0
Decahydro-4,4,8,9...	14.33	2.5	ng	211300	3	14.58	1700470	20.0
unknown14.42	14.42	6.1	ng	516797	3	14.58	1700470	20.0
unknown14.49	14.49	3.2	ng	275612	3	14.58	1700470	20.0
Triacontyl heptaf...	15.11	2.6	ng	220012	3	14.58	1700470	20.0
unknown15.37	15.37	3.8	ng	326337	3	14.58	1700470	20.0
Tridecane	16.30	5.9	ng	295280	4	17.32	1004830	20.0
Pentadecane, 2,6,...	16.33	18.4	ng	925975	4	17.32	1004830	20.0
Hexadecane, 2,6,1...	17.15	21.1	ng	1062010	4	17.32	1004830	20.0
Cyclotetracosane	21.23	13.2	ng	961310	5	21.56	1460900	20.0
Decane, 3,8-dimet...	25.83	2.8	ng	231803	6	24.67	1659940	20.0
n-Tetracosanol-1	25.93	3.1	ng	254741	6	24.67	1659940	20.0