LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

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-BG092519.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	3.129	3	7	16	rBV2	127721	243773	3.04%	0.701%
2	3.206	16	20	36	rVB	623061	921240	11.48%	2.648%
3	4.739	276	281	291	rBV	67489	116004	1.45%	0.333%
4	5.139	344	349	363	rBV	255882	396659	4.94%	1.140%
5	5.497	404	410	420	rBV	103693	177637	2.21%	0.511%
6	5.620	424	431	444	rVV	425363	799890	9.97%	2.299%
7	6.132	508	518	535	rBV	2233370	4368462	54.44%	12.558%
8	7.213	693	702	716	rBV	355258	694223	8.65%	1.996%
9	7.577	757	764	770	rBV	698587	1245236	15.52%	3.580%
10	7.812	799	804	812	rBV	70614	128526	1.60%	0.369%
11	8.041	833	843	850	rBV2	212895	420067	5.23%	1.208%
12	8.364	890	898	909	rBV	476816	876733	10.92%	2.520%
13	9.199	1000	1040	1045	rBV2	1259639	8025087	100.00%	23.069%
14	10.844	1312	1320	1325	rBV	263613	503008	6.27%	1.446%
15	10.897	1325	1329	1335	rVB	75345	132734	1.65%	0.382%
16	11.719	1466	1469	1476	rVB2	47355	86760	1.08%	0.249%
17	12.483	1592	1599	1608	rBV3	93934	232344	2.90%	0.668%
18	13.288	1728	1736	1749	rVB	1249594	2022076	25.20%	5.813%
19	13.558	1777	1782	1795	rBV	86629	160896	2.00%	0.463%
20	14.116	1871	1877	1886	rBV	240816	372657	4.64%	1.071%
21	14.663	1965	1970	1976	rVV2	462384	754656	9.40%	2.169%
22	14.727	1976	1981	1989	rVB	60732	110477	1.38%	0.318%
23	15.062	2032	2038	2046	rBV3	36816	89448	1.11%	0.257%
24	15.709	2144	2148	2153	rBV2	54432	86218	1.07%	0.248%
25	16.155	2216	2224	2232	rBV	1288265	2101489	26.19%	6.041%
26	16.713	2313	2319	2325	rBV	70202	110022	1.37%	0.316%
27	17.412	2432	2438	2442	rBV2	533010	863730	10.76%	2.483%
28	17.454	2442	2445	2453	rVV	156332	229383	2.86%	0.659%
29	17.818	2500	2507	2518	rVB	97841	186397	2.32%	0.536%
30	18.306	2577	2590	2605	rBV2	328312	650150	8.10%	1.869%
31	19.463	2782	2787	2792	rBV	59077	90515	1.13%	0.260%
32	19.575	2801	2806	2813	rBV3	54525	86472	1.08%	0.249%
33	19.821	2839	2848	2855	rBV	47183	106973	1.33%	0.308%
34	20.021	2874	2882	2894	rBV	2807181	3879110	48.34%	11.151%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

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-BG092519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.320	3099	3103	3113	rBV2	164967	320818	4.00%	0.922%
36	21.684	3158	3165	3177	rVB	628204	1070746	13.34%	3.078%
37	22.477	3296	3300	3305	rBV2	64592	99392	1.24%	0.286%
38	23.170	3413	3418	3426	rVB2	101060	187403	2.34%	0.539%
39	23.975	3548	3555	3565	rVB3	102823	240347	2.99%	0.691%
40	24.904	3702	3713	3728	rVB3	415538	1385451	17.26%	3.983%
41	26.044	3900	3907	3918	rVB2	69467	214066	2.67%	0.615%

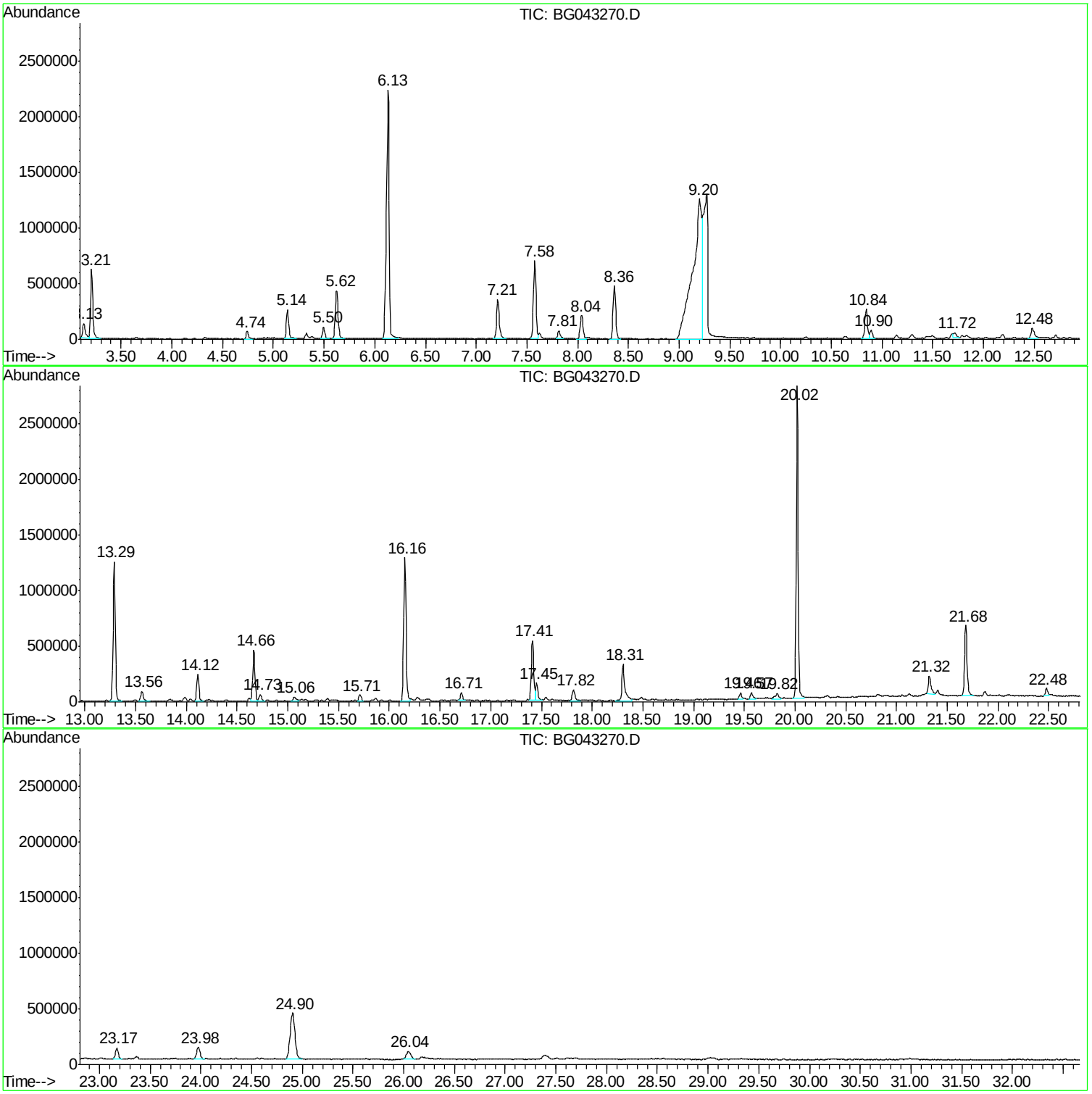
Sum of corrected areas: 34787275

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

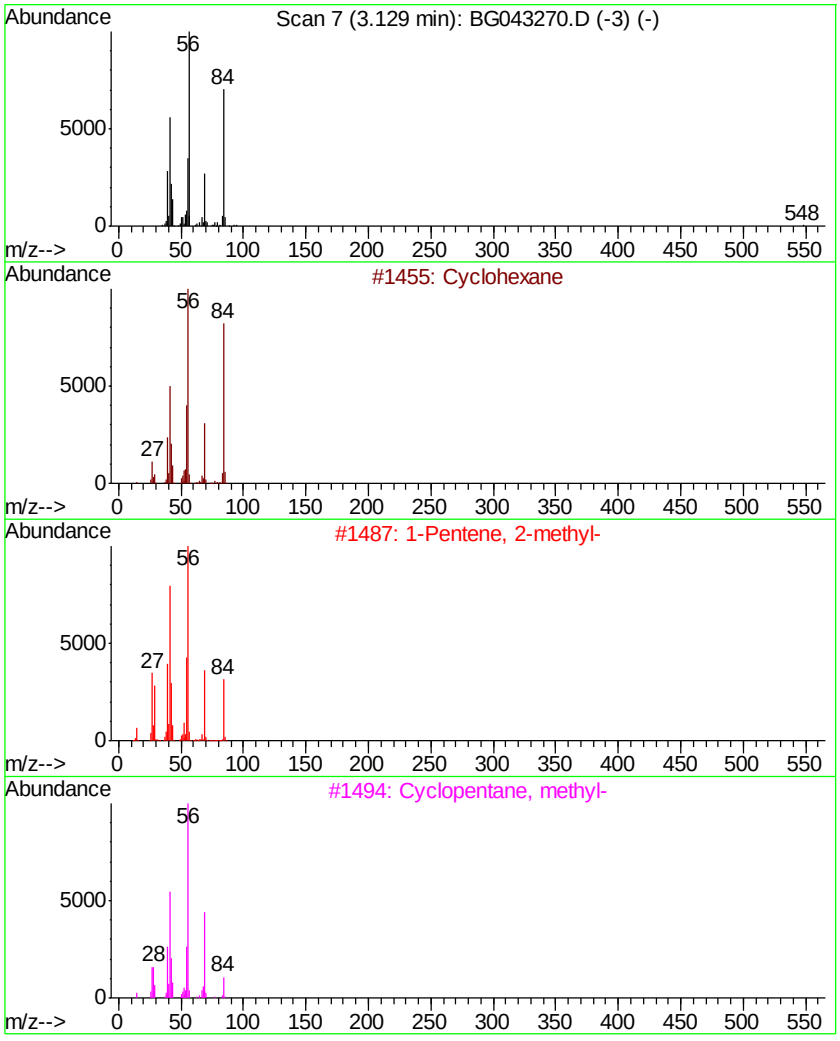
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

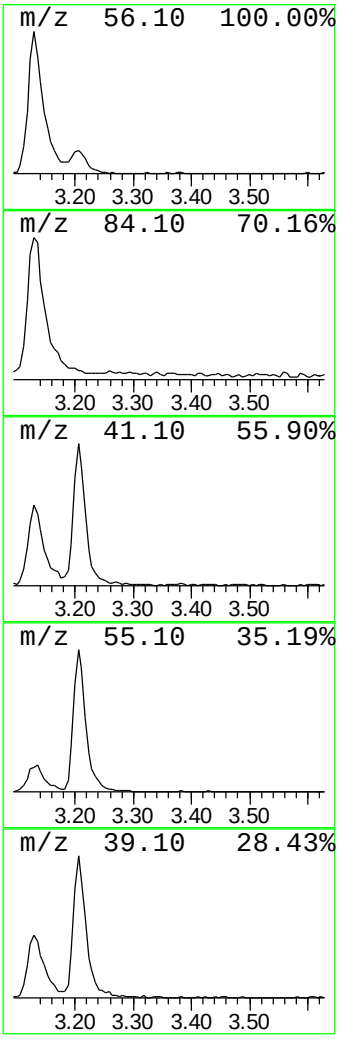
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	11.61 ng	243773	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	Cyclobutane	56	C4H8	000287-23-0	43
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

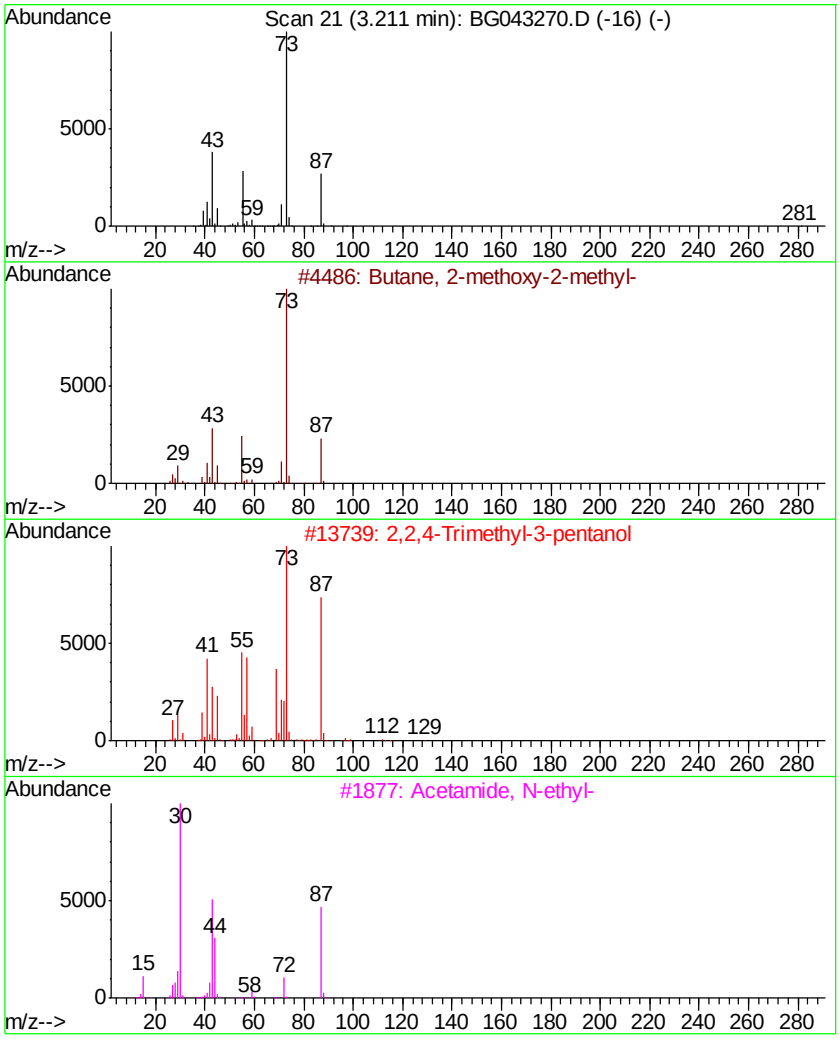
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

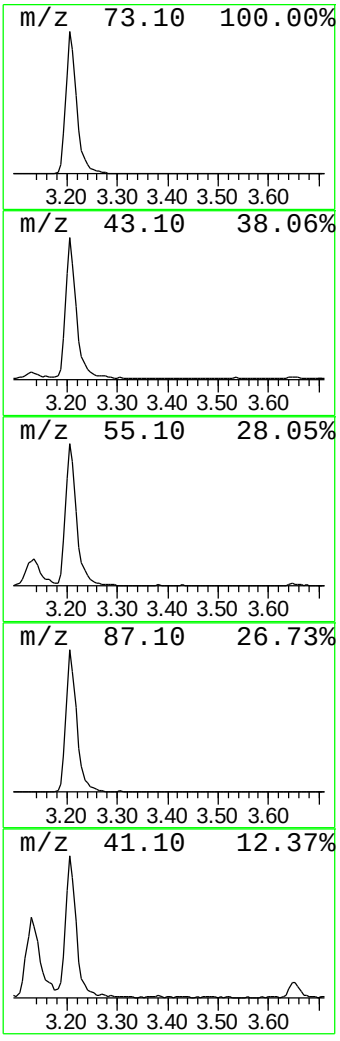
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	43.86 ng	921240	1,4-Dichlorobenzene-d4	8.04

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
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\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

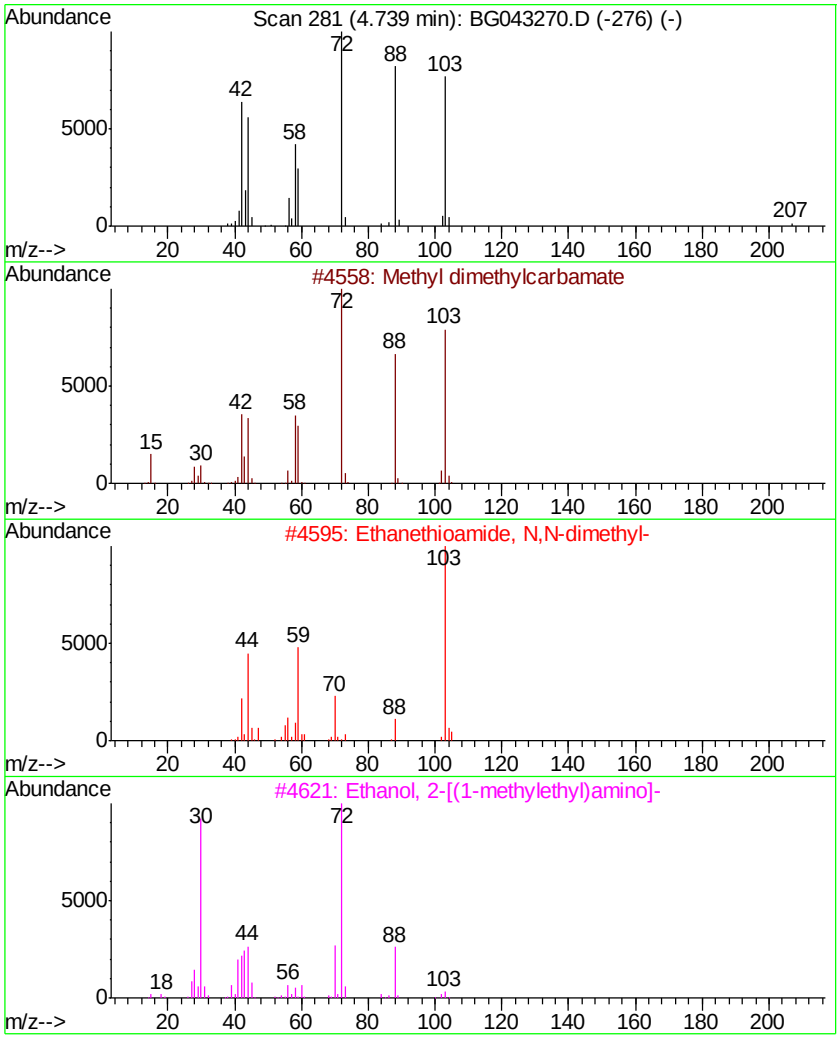
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

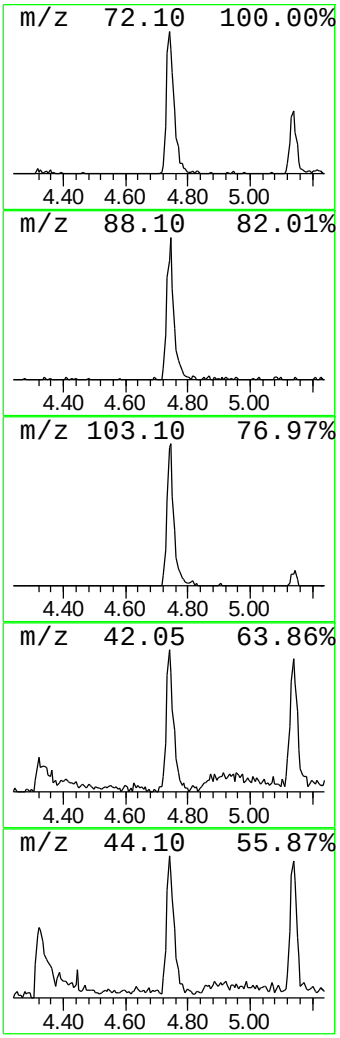
****

Peak Number 3 Methyl dimethylcarbamate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	5.52 ng	116004	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dimethylcarbamate	103	C4H9NO2	007541-16-4	83
2	Ethanethioamide, N,N-dimethyl-	103	C4H9NS	000631-67-4	35
3	Ethanol, 2-[(1-methylethyl)amino]-	103	C5H13NO	000109-56-8	25
4	Carbamic acid, ethyl-, methyl ester	103	C4H9NO2	006135-31-5	25
5	1,4-Dioxane	88	C4H8O2	000123-91-1	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

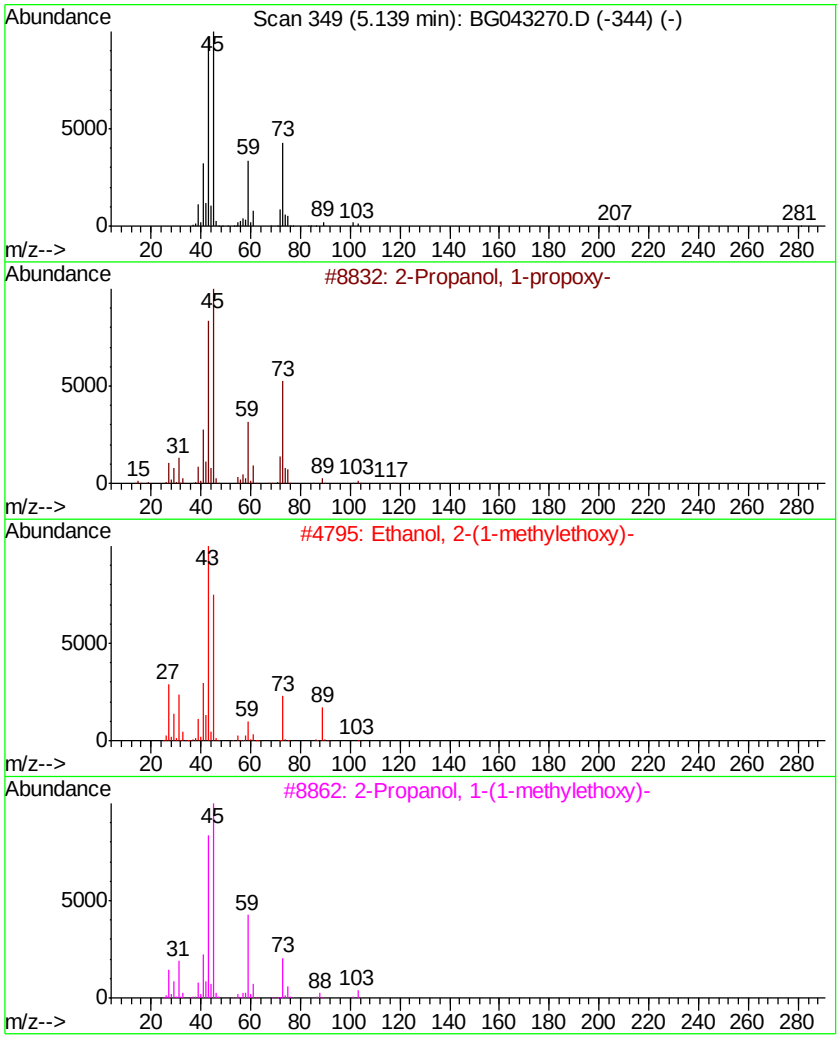
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

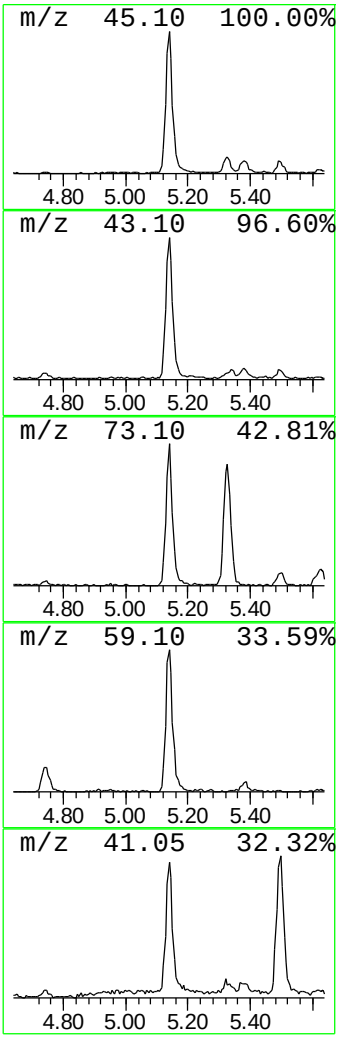
****

Peak Number 4 2-Propanol, 1-propoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	18.89 ng	396659	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	78
2	Ethanol, 2-(1-methylethoxy)-	104	C5H12O2	000109-59-1	64
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	64
4	Tetraethylene glycol diethyl ether	250	C12H26O5	004353-28-0	45
5	Diethyl carbitol	162	C8H18O3	000112-36-7	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

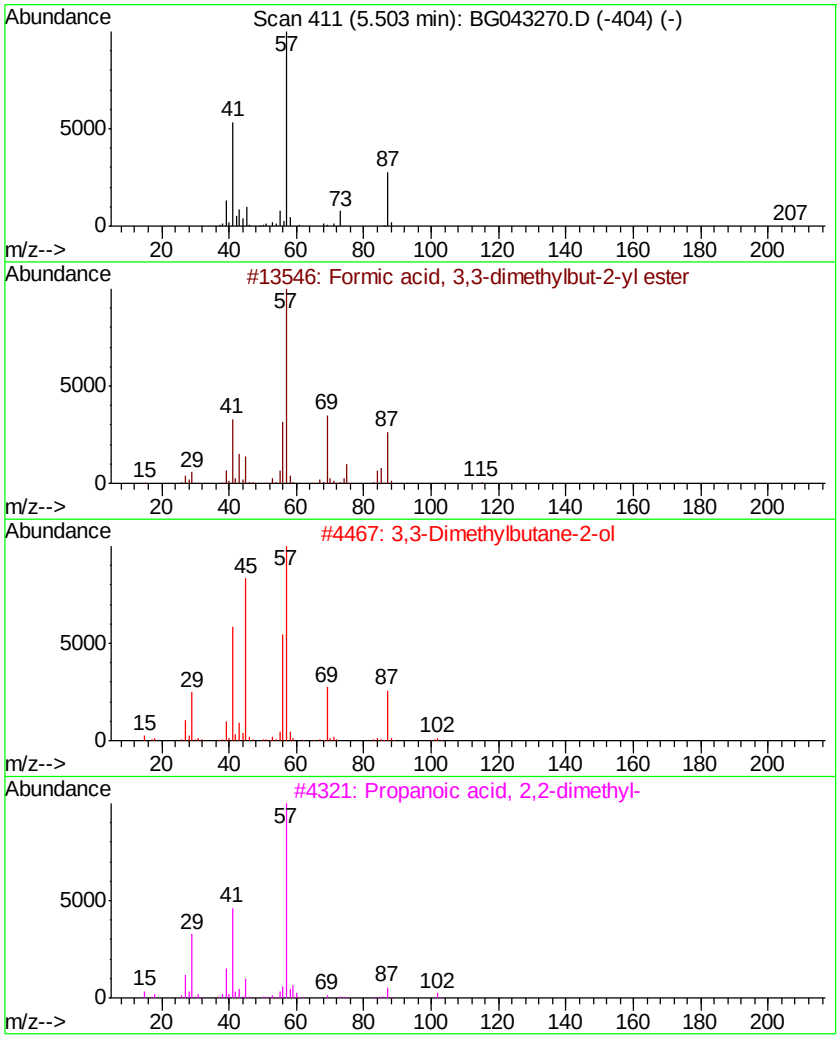
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

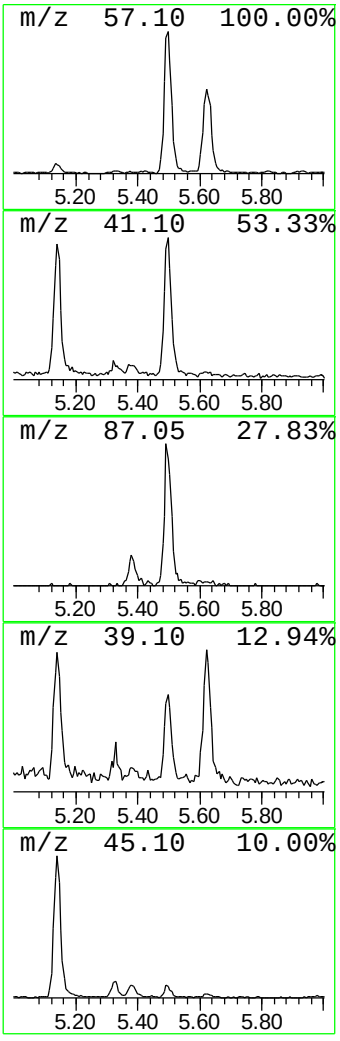
****

Peak Number 5 unknown5.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	8.46 ng	177637	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	36
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	33
4	1-Pentanamine	87	C5H13N	000110-58-7	23
5	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

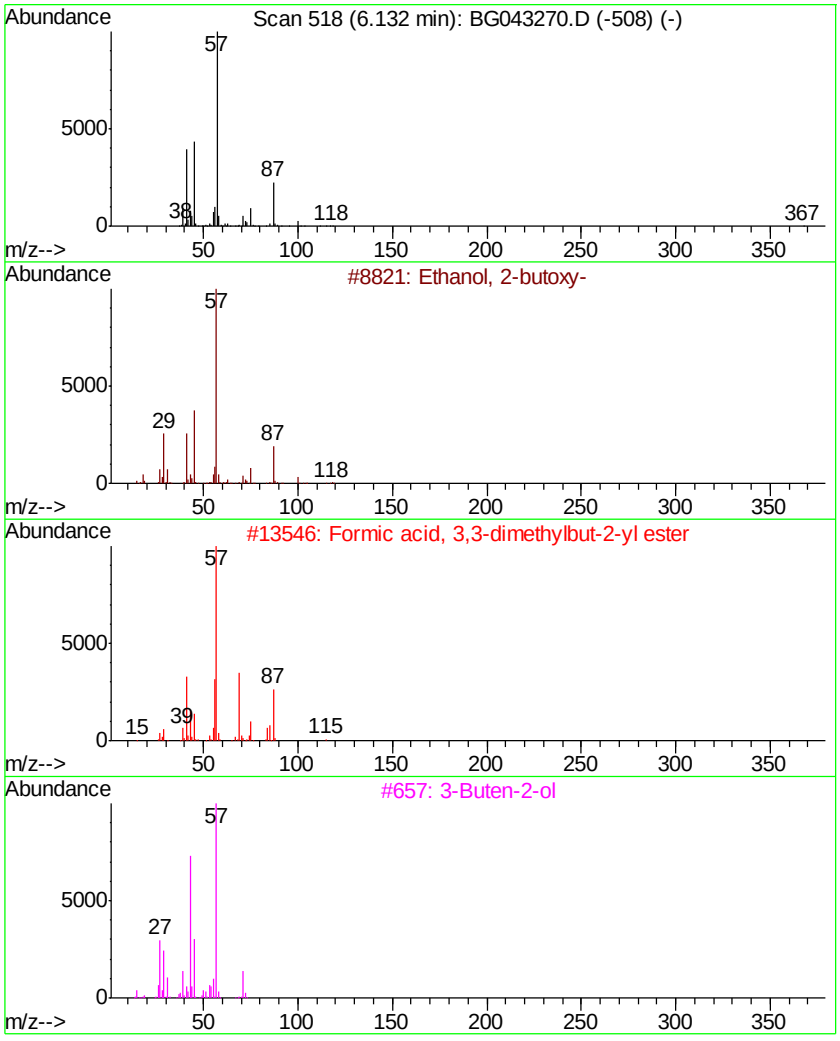
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

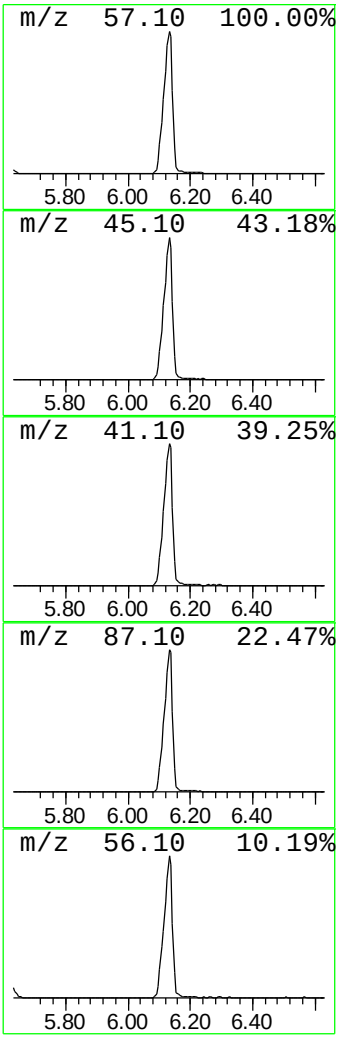
****

Peak Number 6 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	207.99 ng	4368460	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	59
3	3-Buten-2-ol	72	C4H8O	000598-32-3	43
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25
5	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

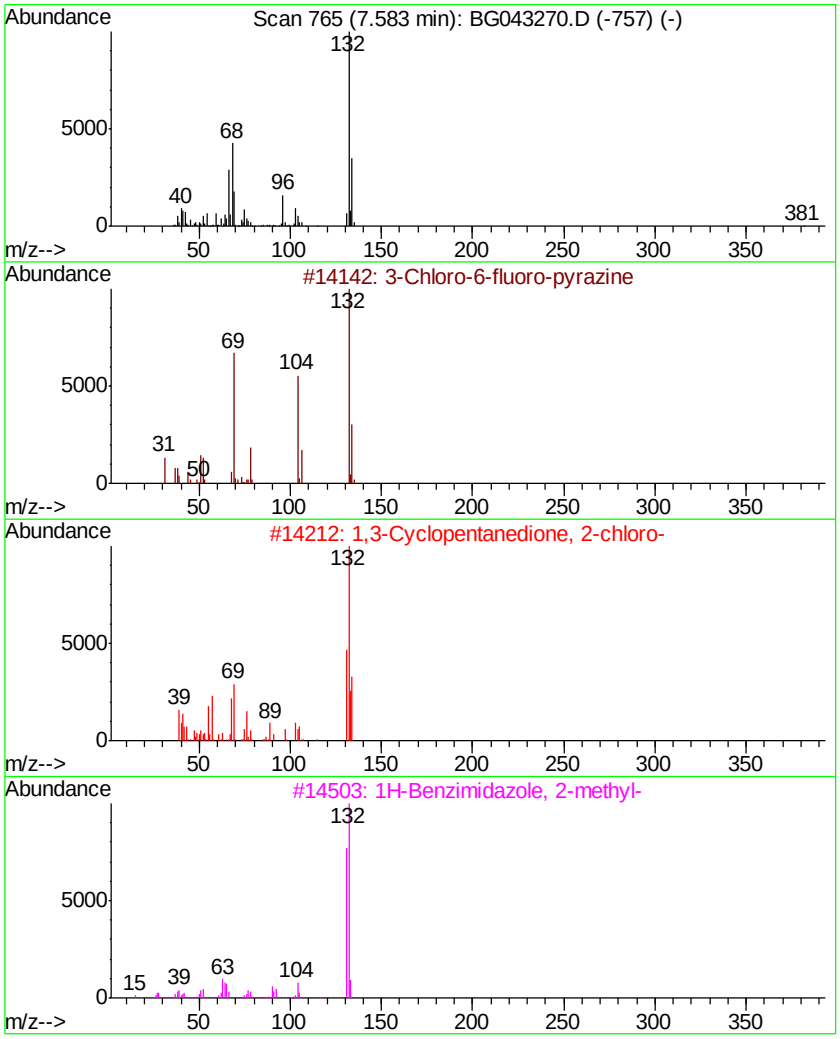
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

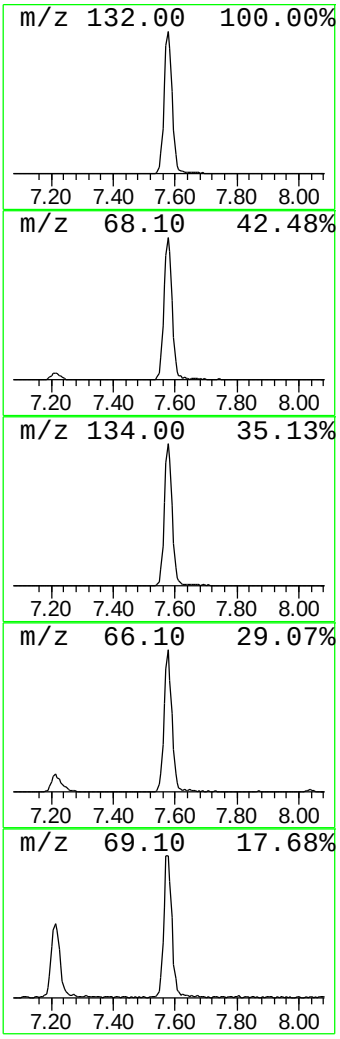
****

Peak Number 7 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	59.29 ng	1245240	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	14
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

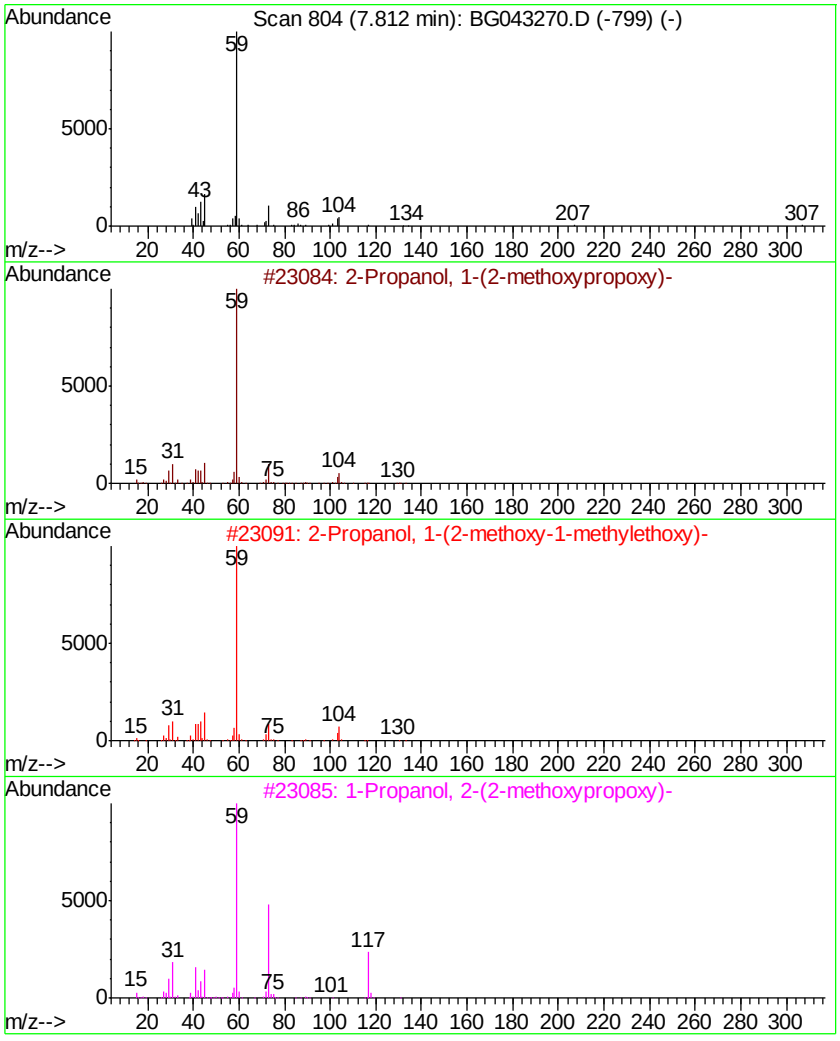
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

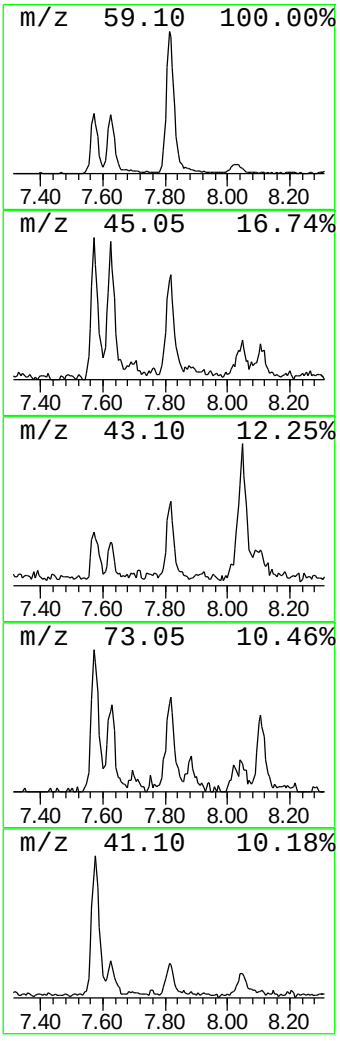
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	6.12 ng	128526	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	78
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	59
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	56
5	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

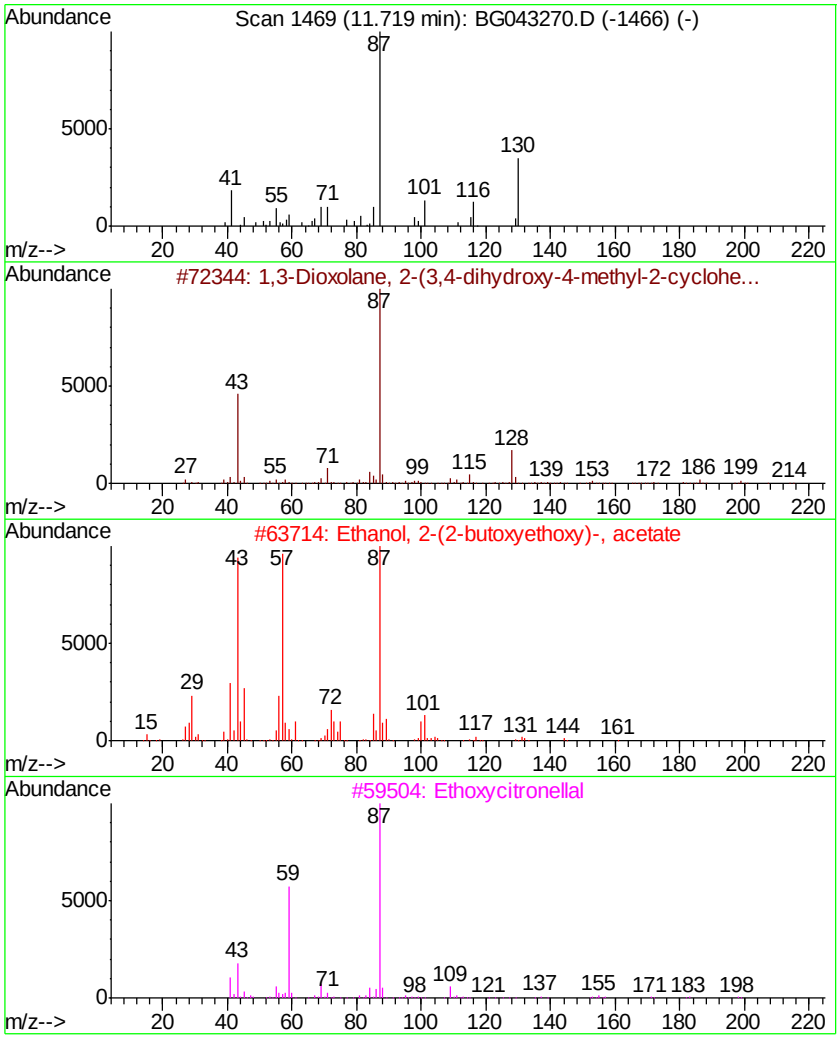
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

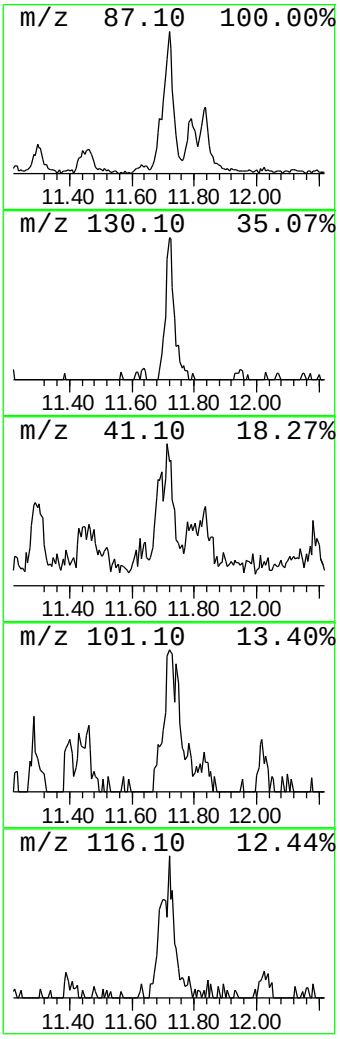
****

Peak Number 10 unknown11.72 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.45 ng	86760	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3,4-dihydroxy-...	214	C11H18O4	1000162-73-6	28
2	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	9
3	Ethoxycitronellal	198	C12H22O2	1000132-02-6	9
4	1,3-Dioxolane, 2-butyl-2-methyl-	144	C8H16O2	014447-27-9	9
5	1,2-Cyclohexanediol, 1-methyl-4-...	216	C11H20O4	056859-97-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

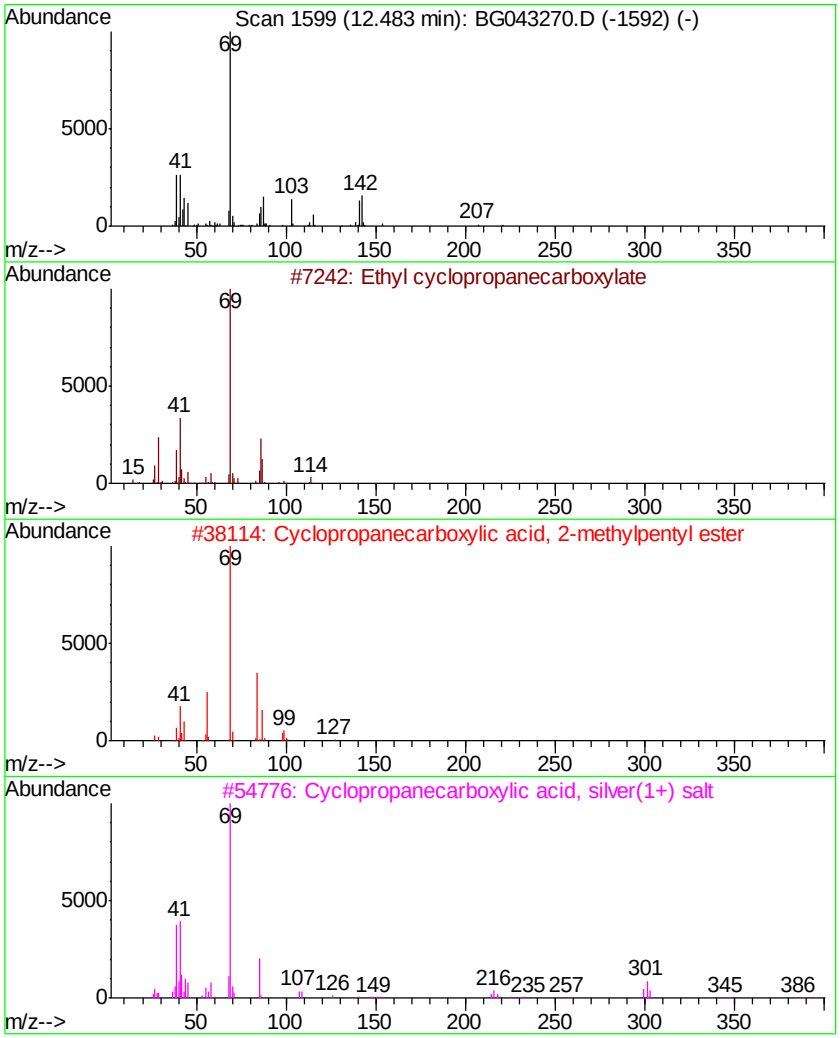
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

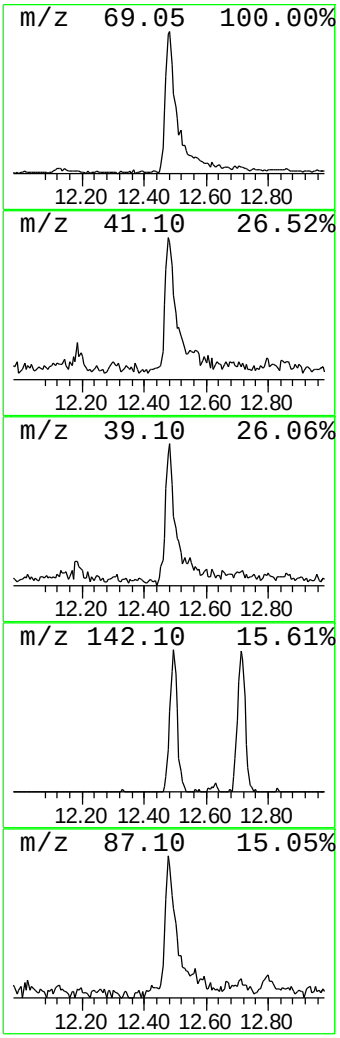
****

Peak Number 11 unknown12.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	9.24 ng	232344	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	36
2	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	28
3	Cyclopropanecarboxylic acid, sil...	192	C4H5AgO2	075112-77-5	25
4	2-Propenoic acid, 2-methyl-, eth...	112	C6H8O2	004245-37-8	23
5	Ethane, 1,1,1-trifluoro-	84	C2H3F3	000420-46-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

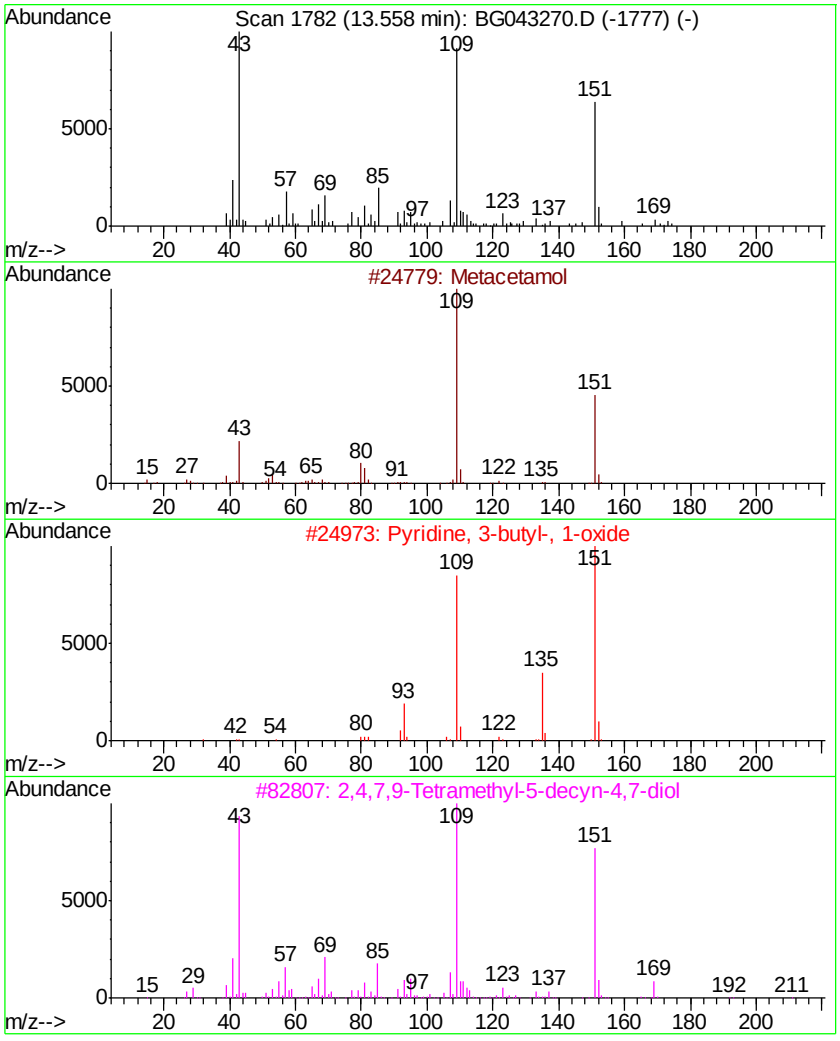
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

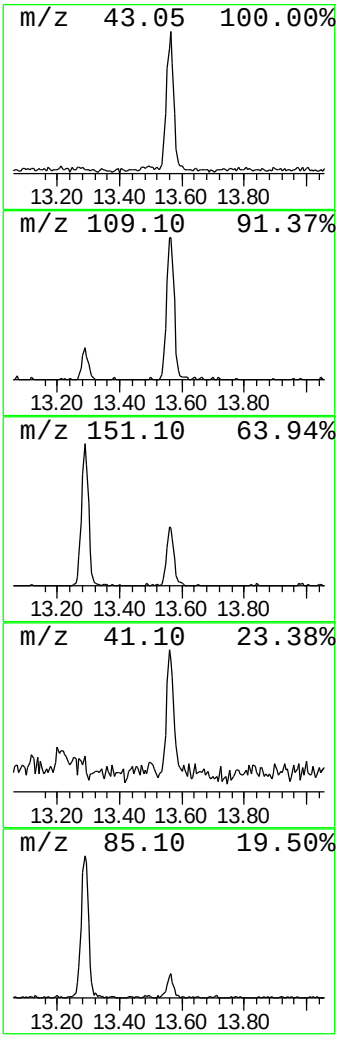
****

Peak Number 12 Metacetamol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.26 ng	160896	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	53
2	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	53
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	52
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38
5	Phenol, 4-amino-	109	C6H7NO	000123-30-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

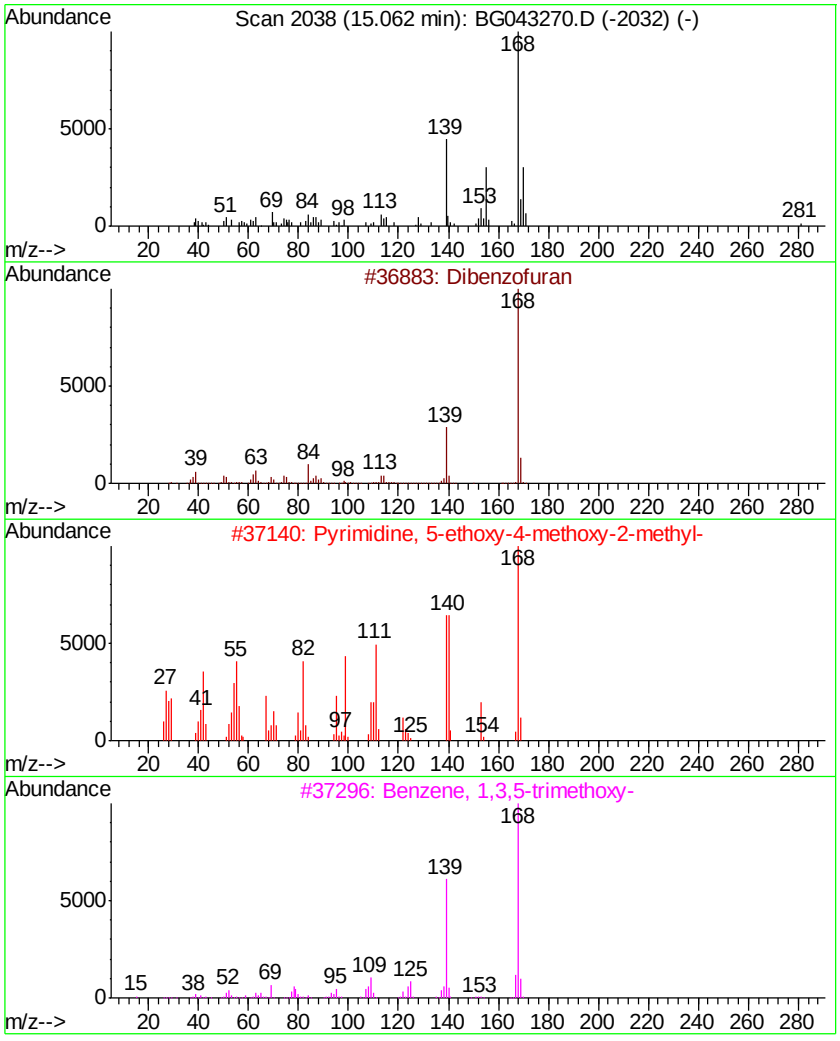
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

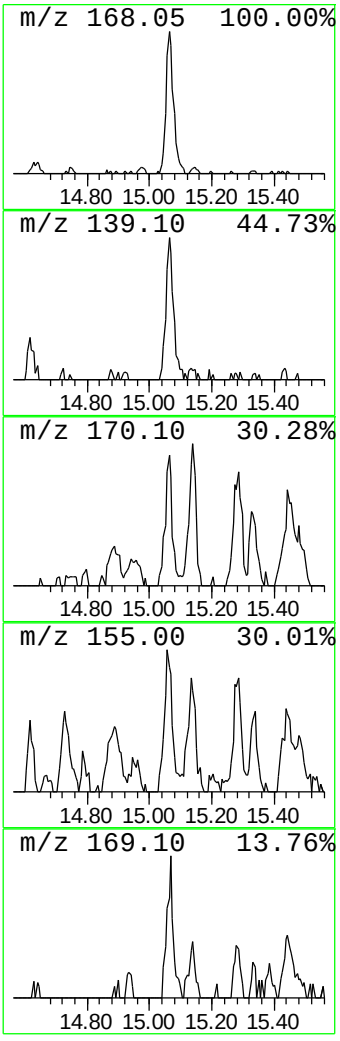
****

Peak Number 13 Pyrimidine, 5-ethoxy-4-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.37 ng	89448	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	62
2	Pyrimidine, 5-ethoxy-4-methoxy-2...	168	C8H12N2O2	024614-12-8	53
3	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	52
4	Zoxazolamine	168	C7H5ClN2O	000061-80-3	47
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

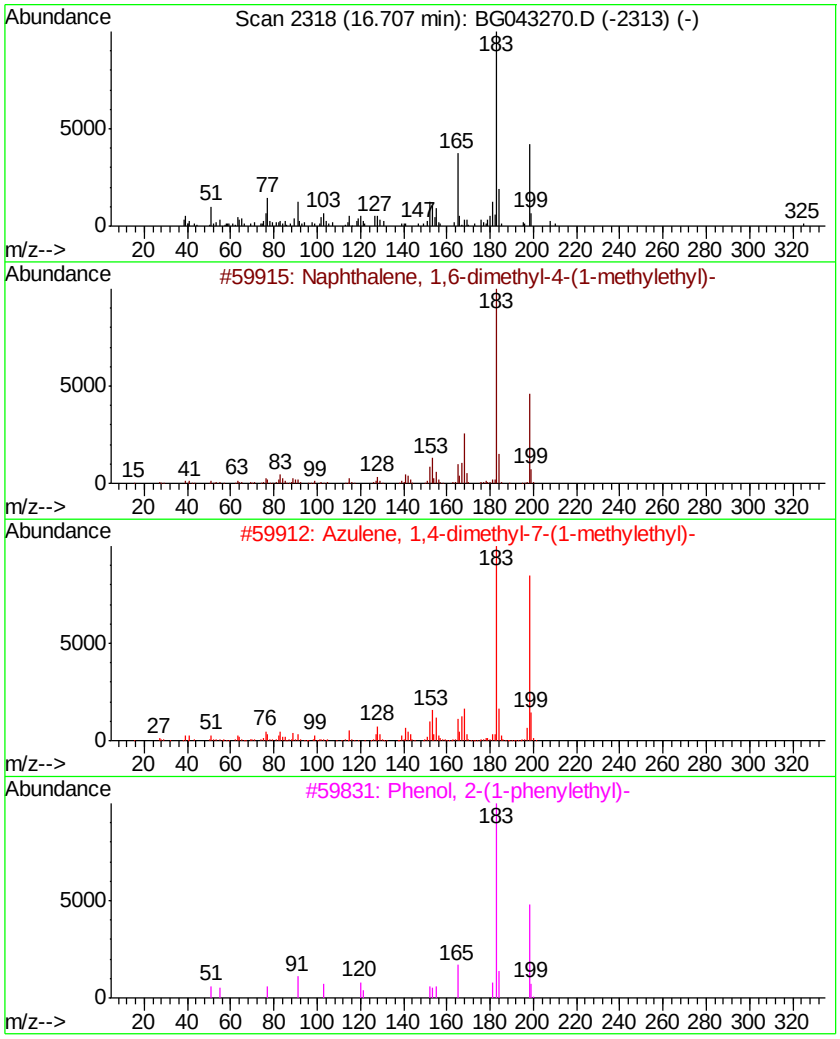
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

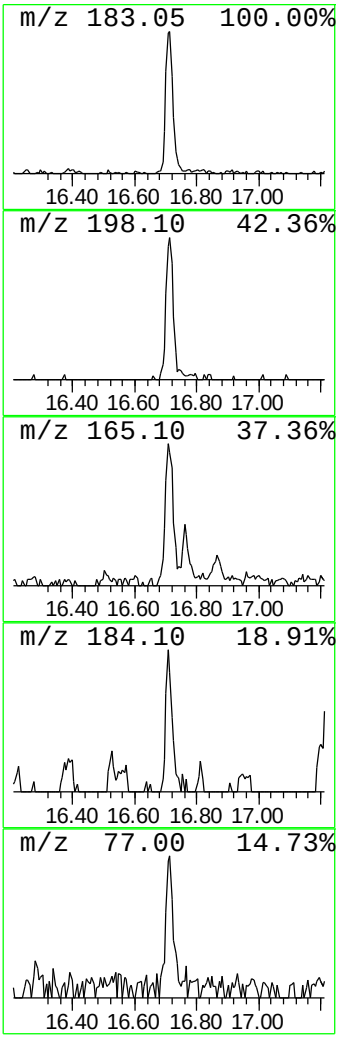
****

Peak Number 14 Naphthalene, 1,6-dimethyl-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	2.55 ng	110022	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	90
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	90
3	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	90
4	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	59
5	Ethanone, 1-[4-(methylsulfonyl)p...	198	C9H10O3S	010297-73-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

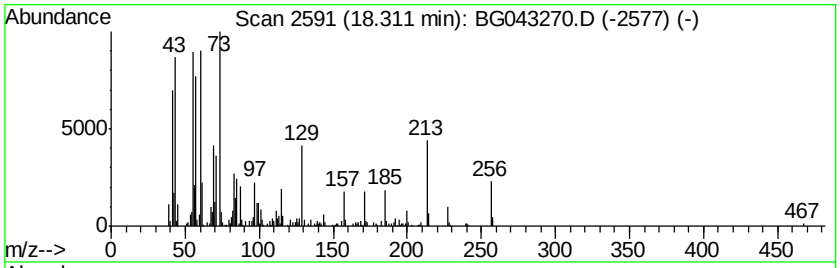
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

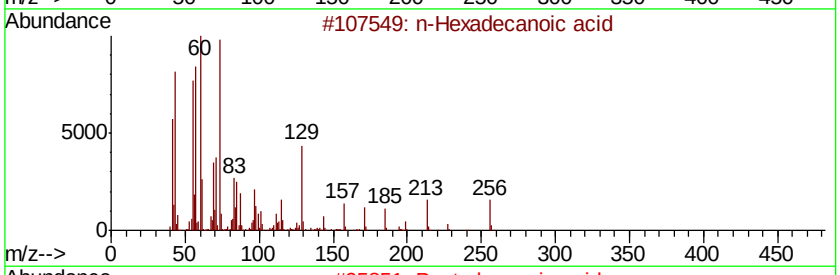
****

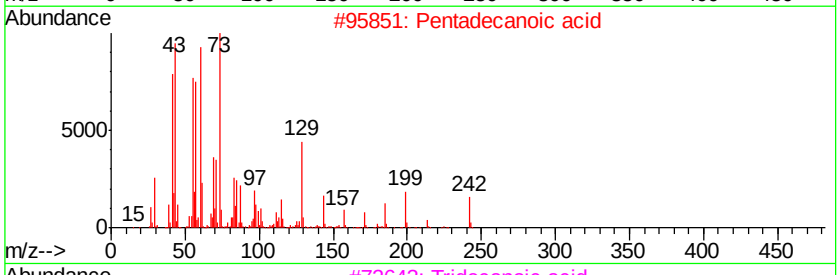
Peak Number 15 n-Hexadecanoic acid Concentration Rank 6

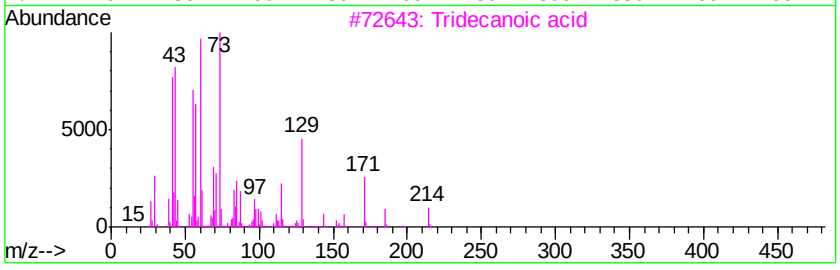
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	15.05 ng	650150	Phenanthrene-d10	17.41

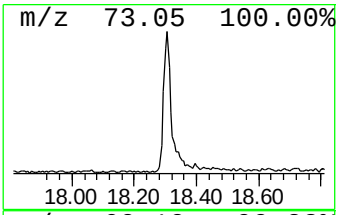
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76

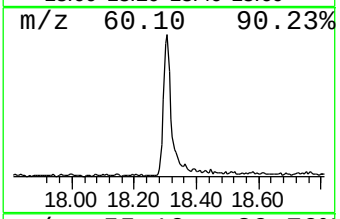


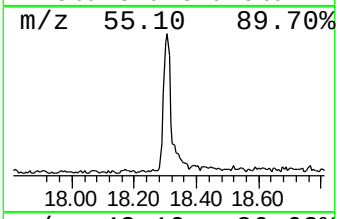


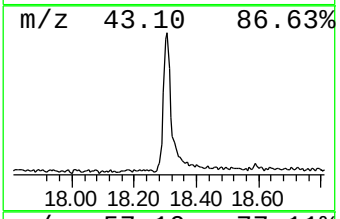


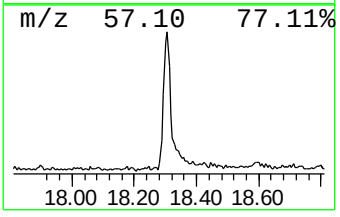












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

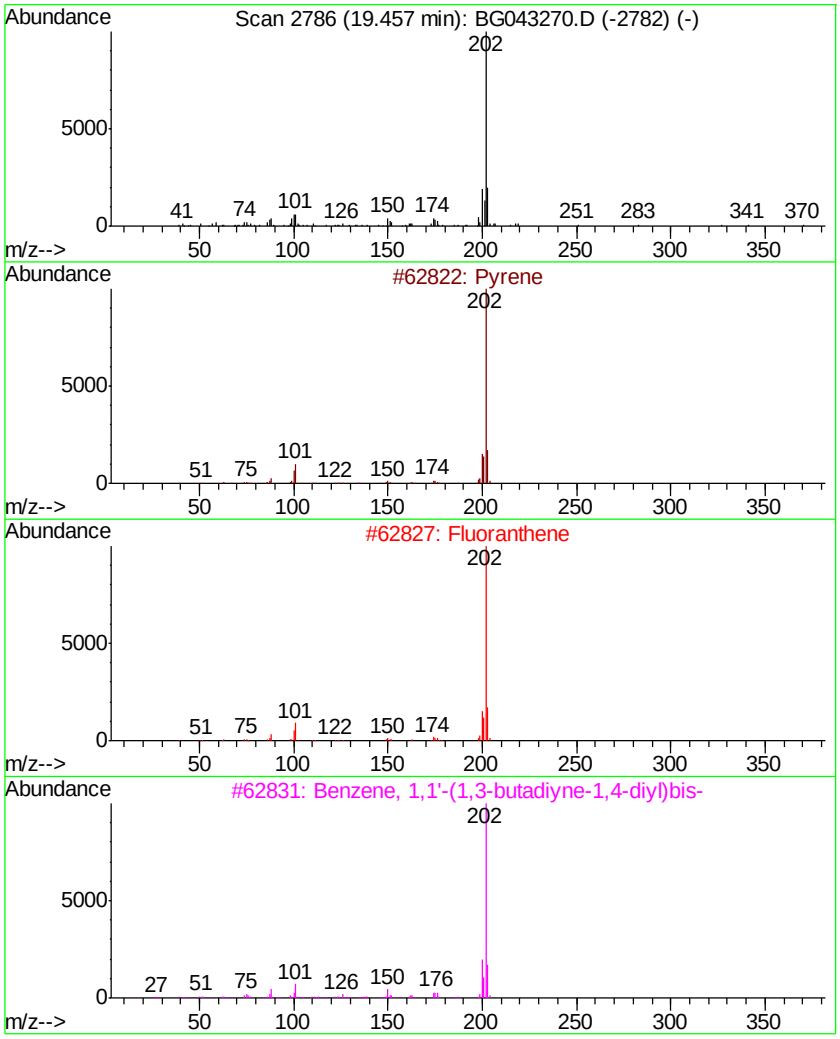
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

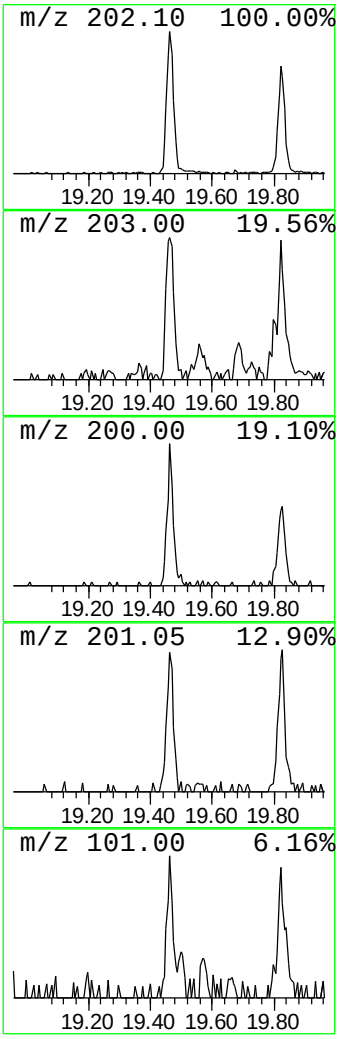
****

Peak Number 16 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.10 ng	90515	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	81
2	Fluoranthene	202	C16H10	000206-44-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	46
5	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

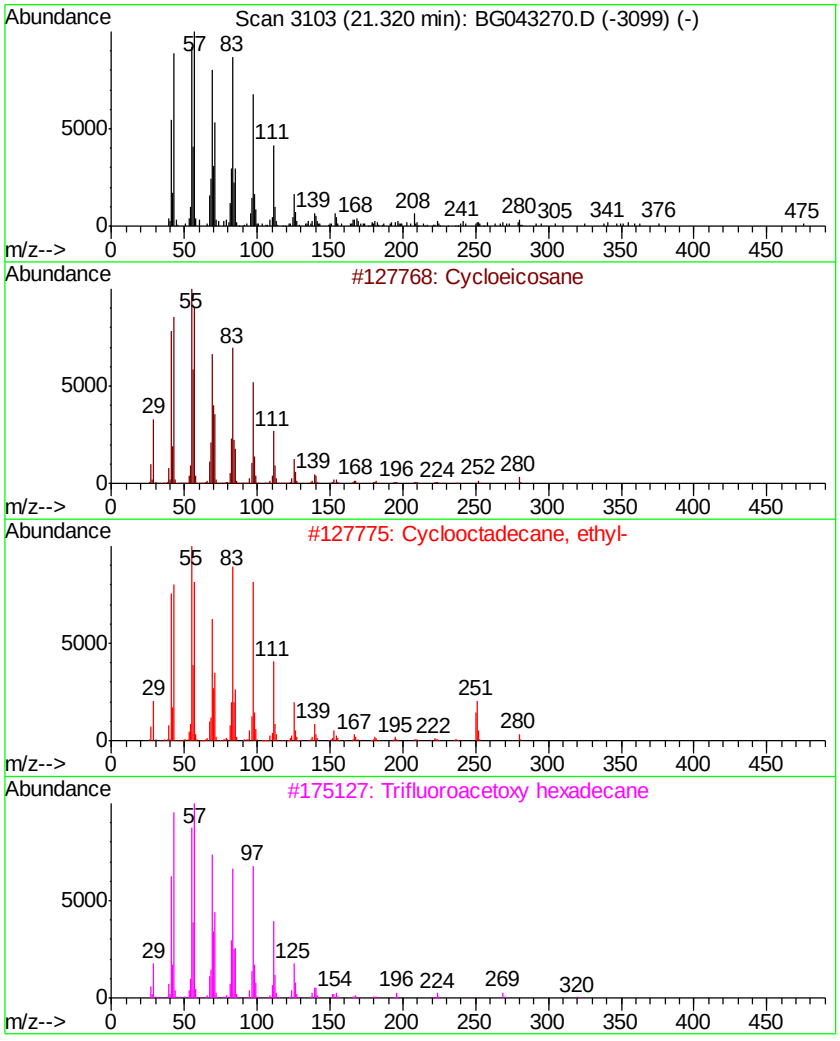
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

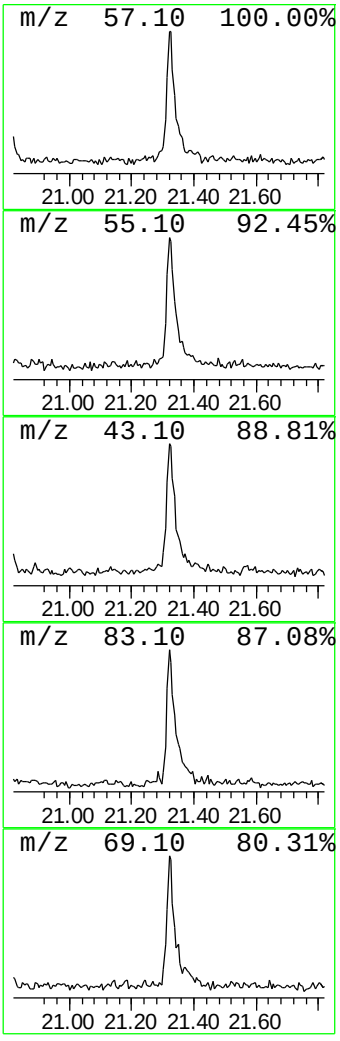
****

Peak Number 17 Cycloeicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	5.99 ng	320818	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

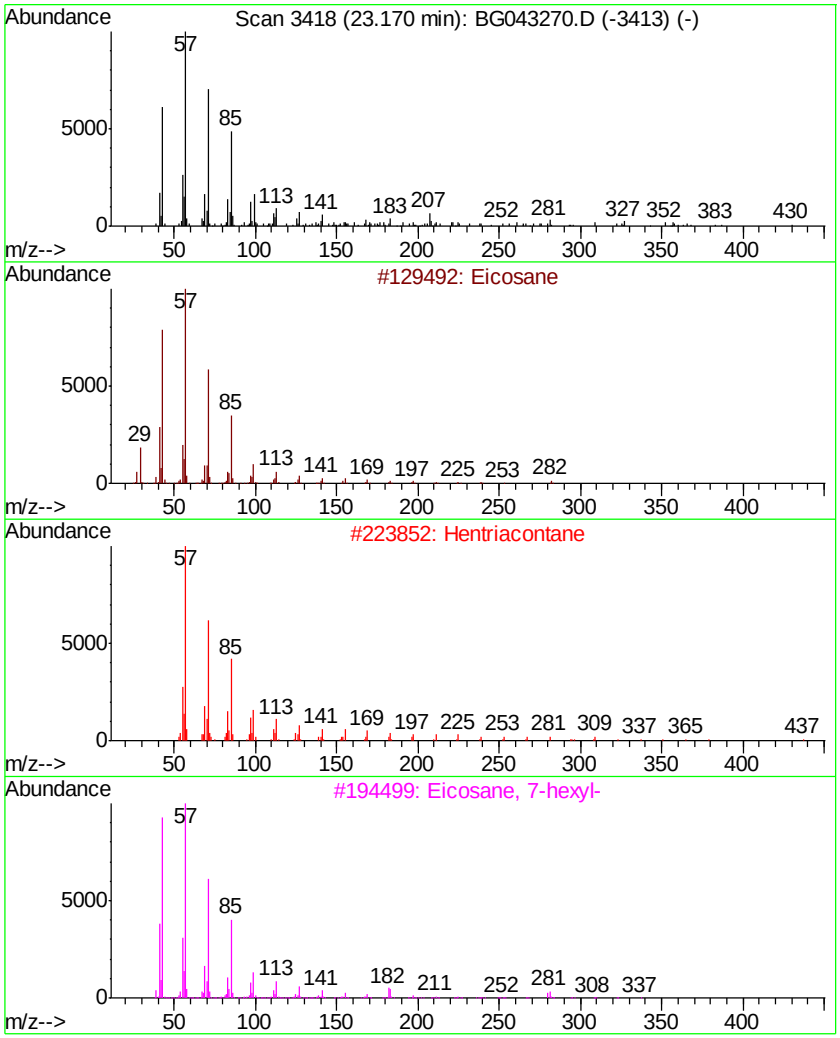
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

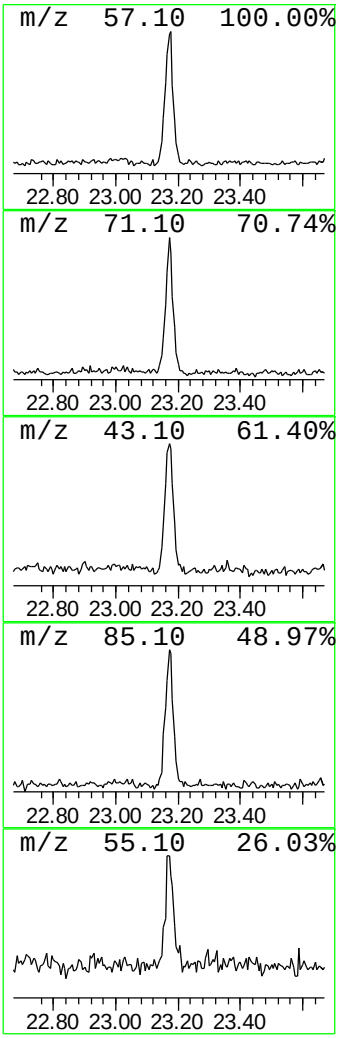
****

Peak Number 18 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	3.50 ng	187403	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

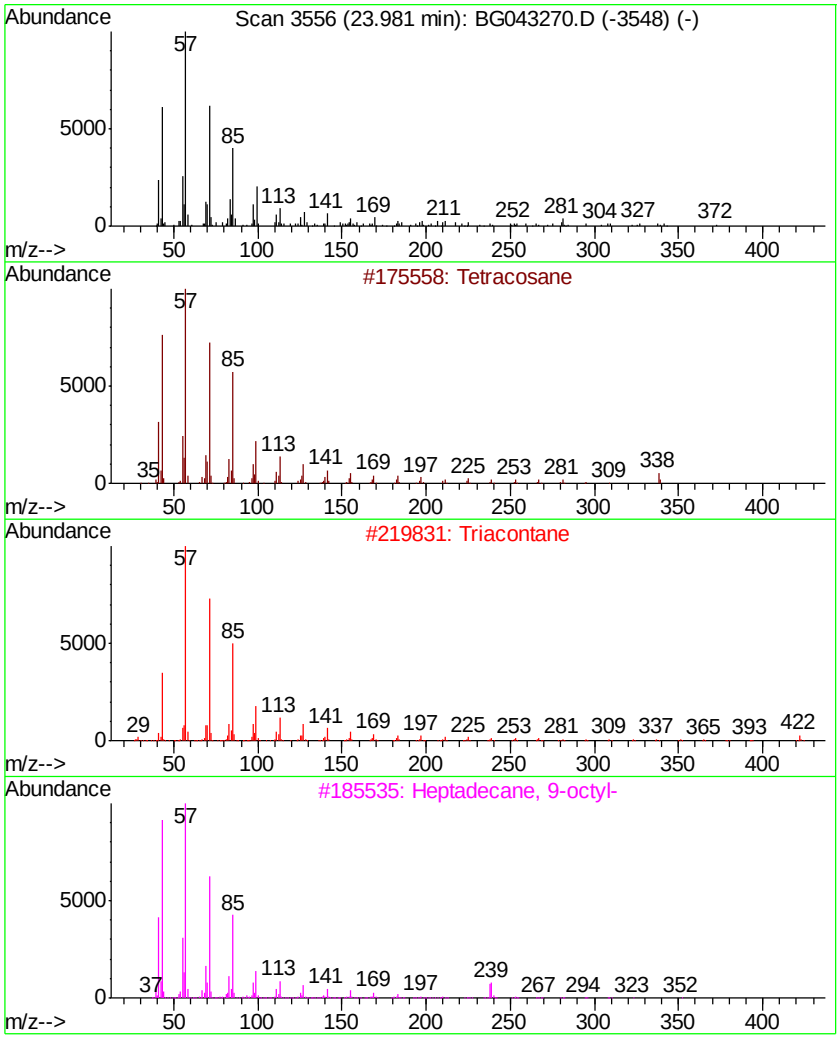
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

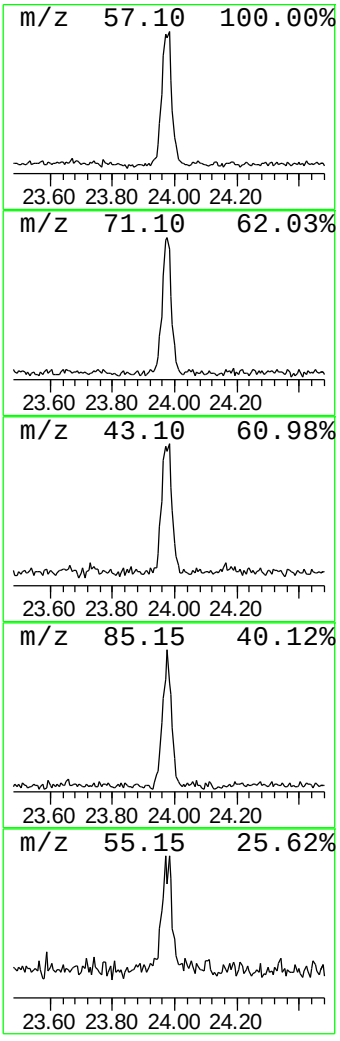
****

Peak Number 19 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.47 ng	240347	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Triacontane	422	C30H62	000638-68-6	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

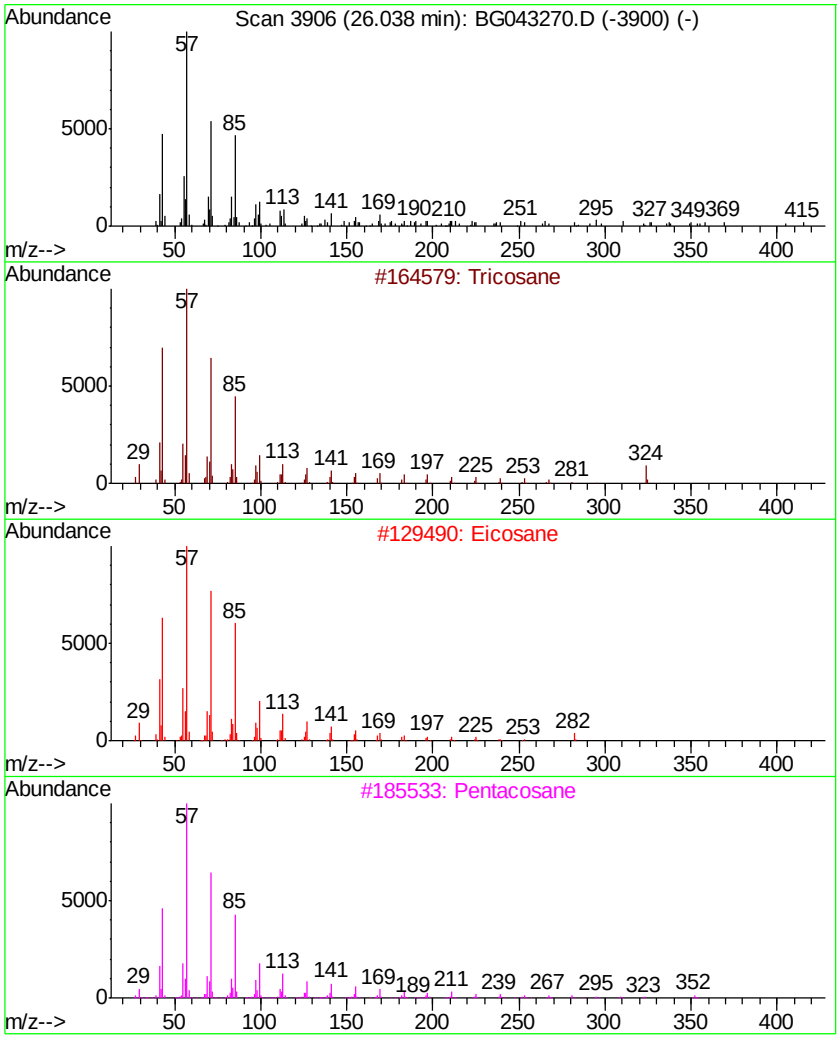
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

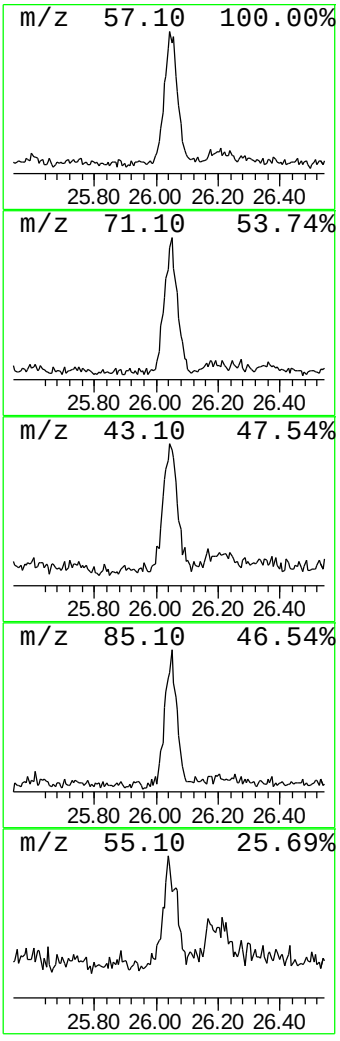
****

Peak Number 20 Tricosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	3.09 ng	214066	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Pentacosane	352	C25H52	000629-99-2	93
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101719\
Data File : BG043270.D
Acq On : 17 Oct 2019 20:17
Operator : JU
Sample : K5326-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-AQ-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.13	11.6	ng	243773	1	8.04	420067	20.0
Butane, 2-methoxy...	3.21	43.9	ng	921240	1	8.04	420067	20.0
Methyl dimethylca...	4.74	5.5	ng	116004	1	8.04	420067	20.0
2-Propanol, 1-pro...	5.14	18.9	ng	396659	1	8.04	420067	20.0
unknown5.50	5.50	8.5	ng	177637	1	8.04	420067	20.0
Ethanol, 2-butoxy-	6.13	208.0	ng	4368460	1	8.04	420067	20.0
unknown7.58	7.58	59.3	ng	1245240	1	8.04	420067	20.0
2-Propanol, 1-(2-...	7.81	6.1	ng	128526	1	8.04	420067	20.0
unknown11.72	11.72	3.5	ng	86760	2	10.84	503008	20.0
unknown12.48	12.48	9.2	ng	232344	2	10.84	503008	20.0
Metacetamol	13.56	4.3	ng	160896	3	14.66	754656	20.0
Pyrimidine, 5-eth...	15.06	2.4	ng	89448	3	14.66	754656	20.0
Naphthalene, 1,6-...	16.71	2.5	ng	110022	4	17.41	863730	20.0
n-Hexadecanoic acid	18.31	15.1	ng	650150	4	17.41	863730	20.0
Benzene, 1,1'-(1,...	19.46	2.1	ng	90515	4	17.41	863730	20.0
Cycloeicosane	21.32	6.0	ng	320818	5	21.68	1070750	20.0
Eicosane	23.17	3.5	ng	187403	5	21.68	1070750	20.0
Tetracosane	23.98	3.5	ng	240347	6	24.90	1385450	20.0
Tricosane	26.04	3.1	ng	214066	6	24.90	1385450	20.0