LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

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-BG042319.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	3.153	6	11	20	rBV	109282	203950	4.28%	0.639%
2	3.229	20	24	34	rVB	278319	372753	7.82%	1.168%
3	5.673	433	440	449	rBV	1391298	2206929	46.28%	6.914%
4	7.283	706	714	728	rBV	1511787	2640117	55.37%	8.271%
5	7.665	771	779	791	rBV	1424042	2463996	51.67%	7.720%
6	8.141	853	860	873	rVB	261093	441327	9.26%	1.383%
7	8.464	906	915	923	rBV	1001141	1727159	36.22%	5.411%
8	9.322	1051	1061	1069	rBV	915252	1667855	34.98%	5.225%
9	10.967	1332	1341	1348	rBV	348169	636682	13.35%	1.995%
10	13.394	1747	1754	1762	rBV	2299003	3495499	73.30%	10.951%
11	14.210	1887	1893	1900	rBV	335305	480898	10.08%	1.507%
12	14.769	1982	1988	1998	rVB2	610019	977256	20.49%	3.062%
13	16.255	2234	2241	2251	rBV	2228593	3325406	69.74%	10.418%
14	17.512	2448	2455	2466	rBV2	802824	1241110	26.03%	3.888%
15	18.370	2595	2601	2610	rBV2	588806	840602	17.63%	2.634%
16	19.633	2810	2816	2824	rBV	271408	411765	8.64%	1.290%
17	20.109	2891	2897	2903	rBV	3688489	4768472	100.00%	14.939%
18	21.396	3111	3116	3133	rBV2	280125	620513	13.01%	1.944%
19	21.796	3177	3184	3196	rVB2	769202	1334953	28.00%	4.182%
20	22.577	3313	3317	3321	rBV2	44820	66557	1.40%	0.209%
21	22.636	3321	3327	3336	rVB8	69104	162762	3.41%	0.510%
22	23.294	3431	3439	3447	rBV3	88732	189429	3.97%	0.593%
23	24.128	3576	3581	3588	rVB2	73422	165604	3.47%	0.519%
24	25.151	3744	3755	3767	rVB2	409999	1285622	26.96%	4.028%
25	26.296	3942	3950	3960	rBV4	64574	191382	4.01%	0.600%

Sum of corrected areas: 31918598

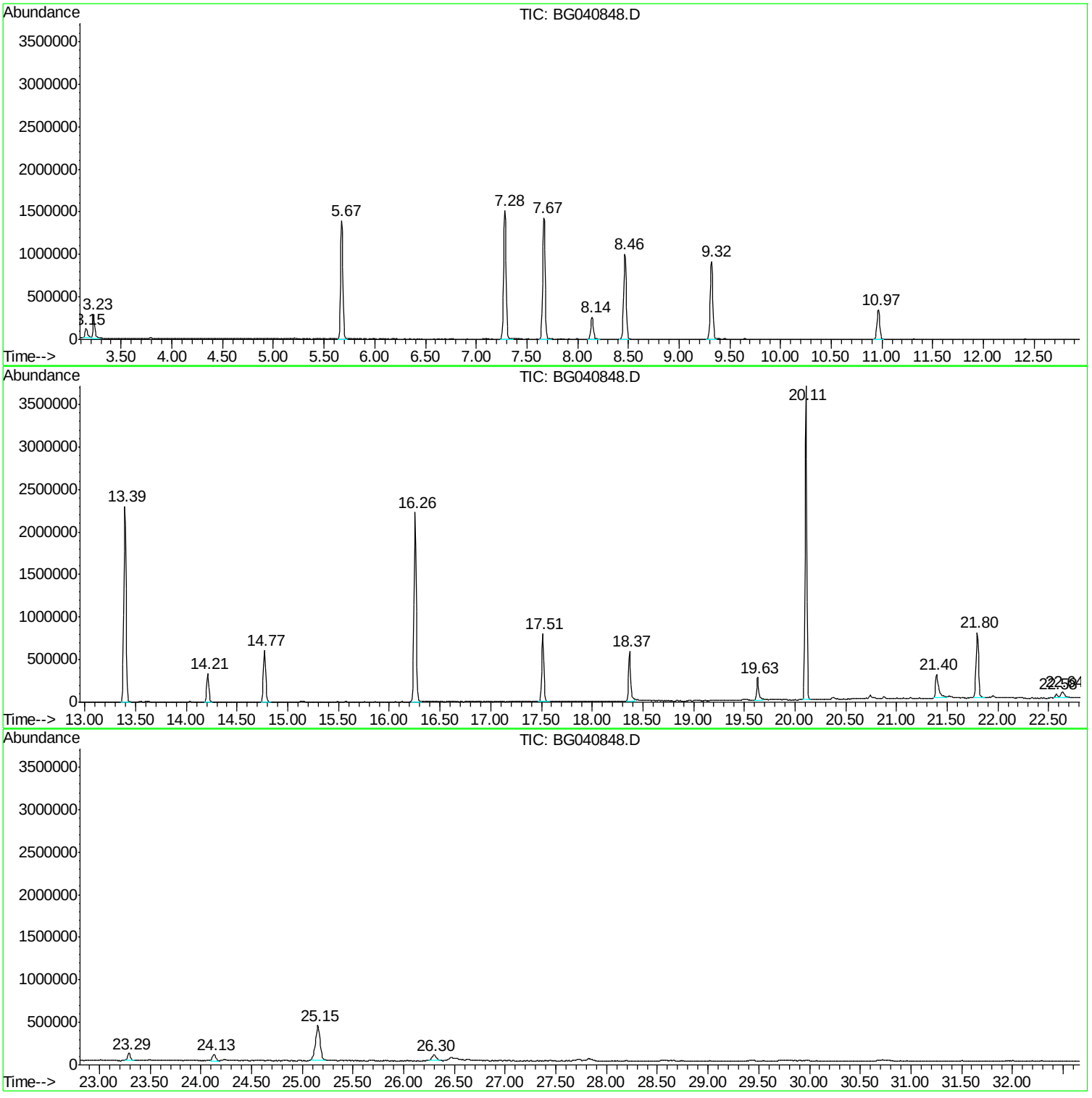
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

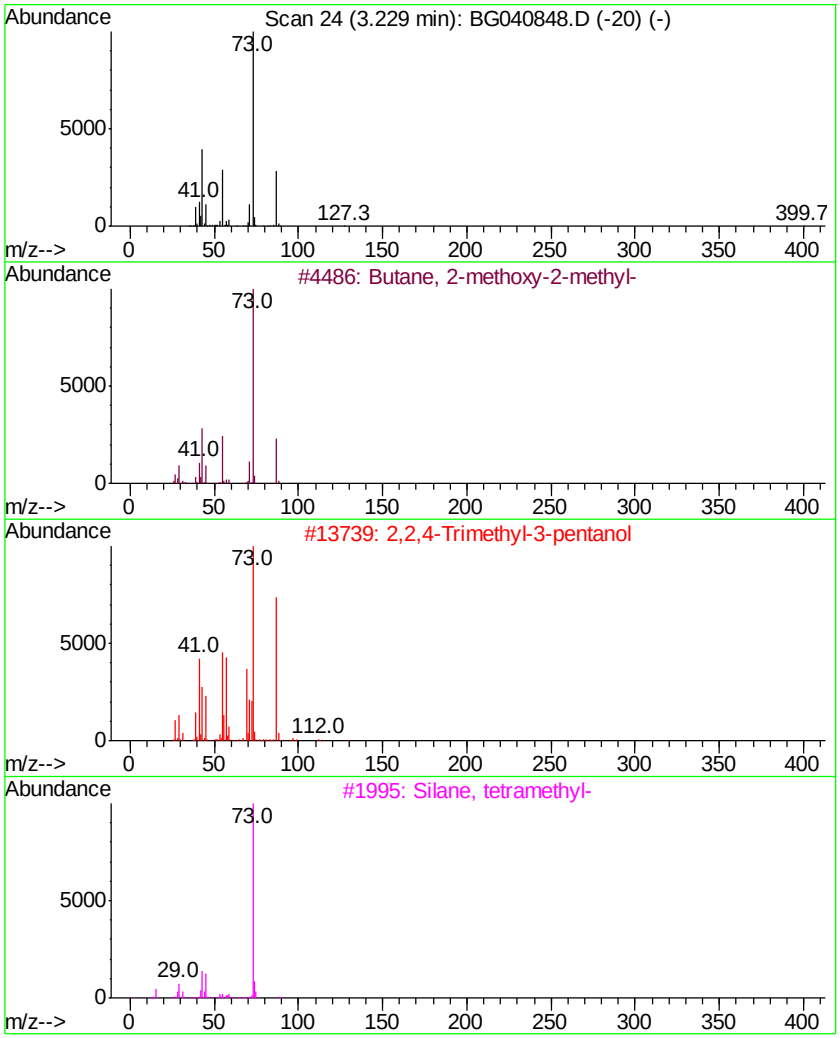
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

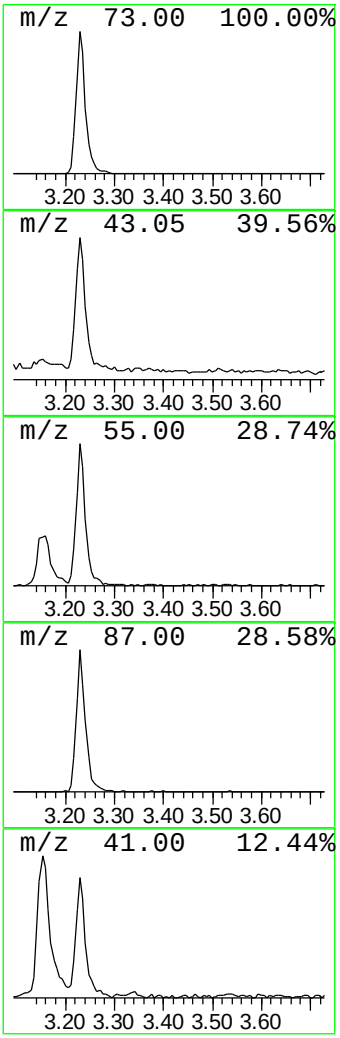
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	16.89 ng	372753	1,4-Dichlorobenzene-d4	8.14

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

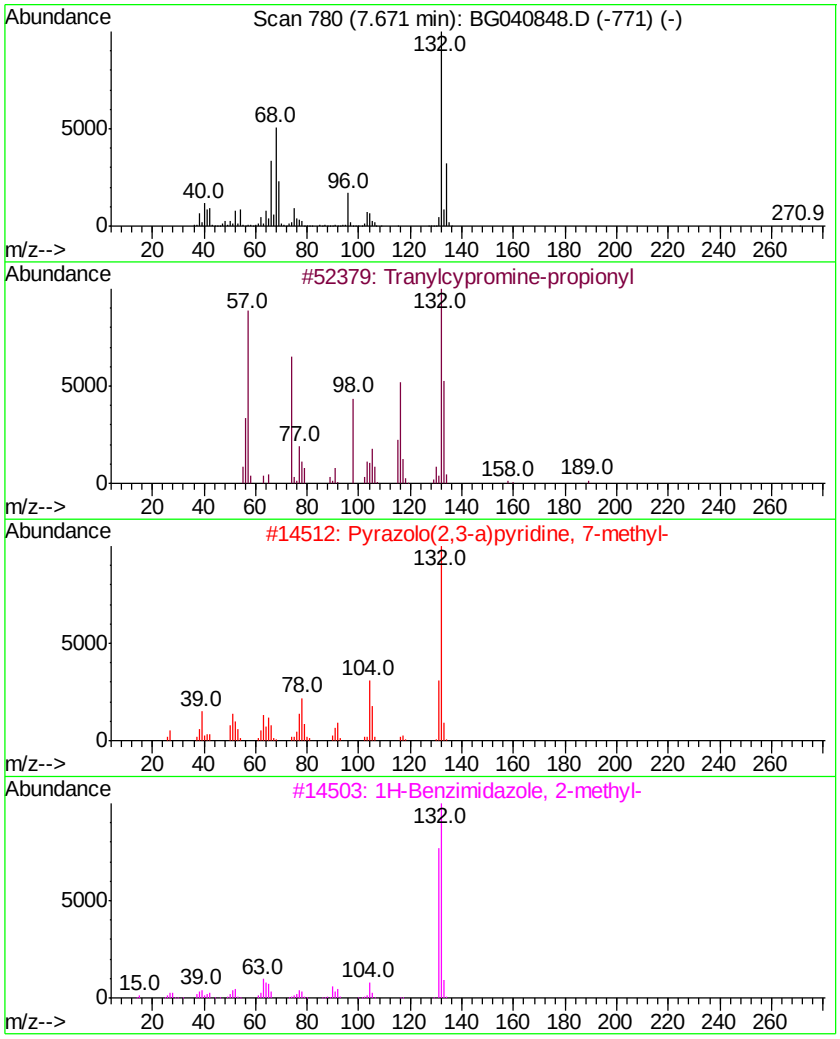
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

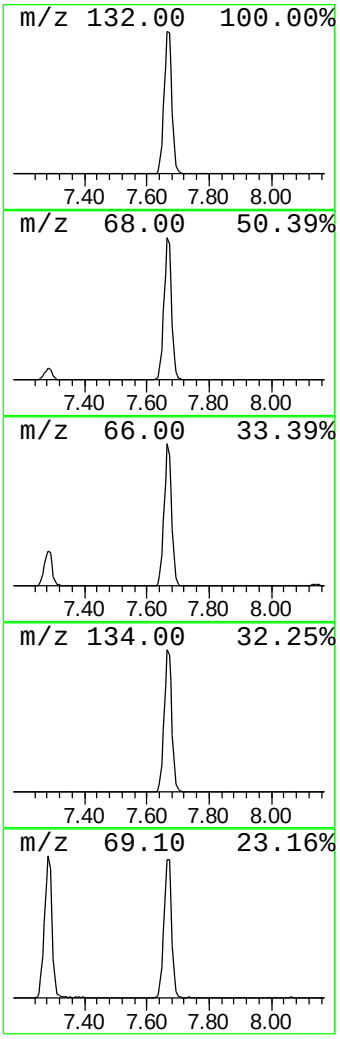
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	111.66 ng	2464000	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

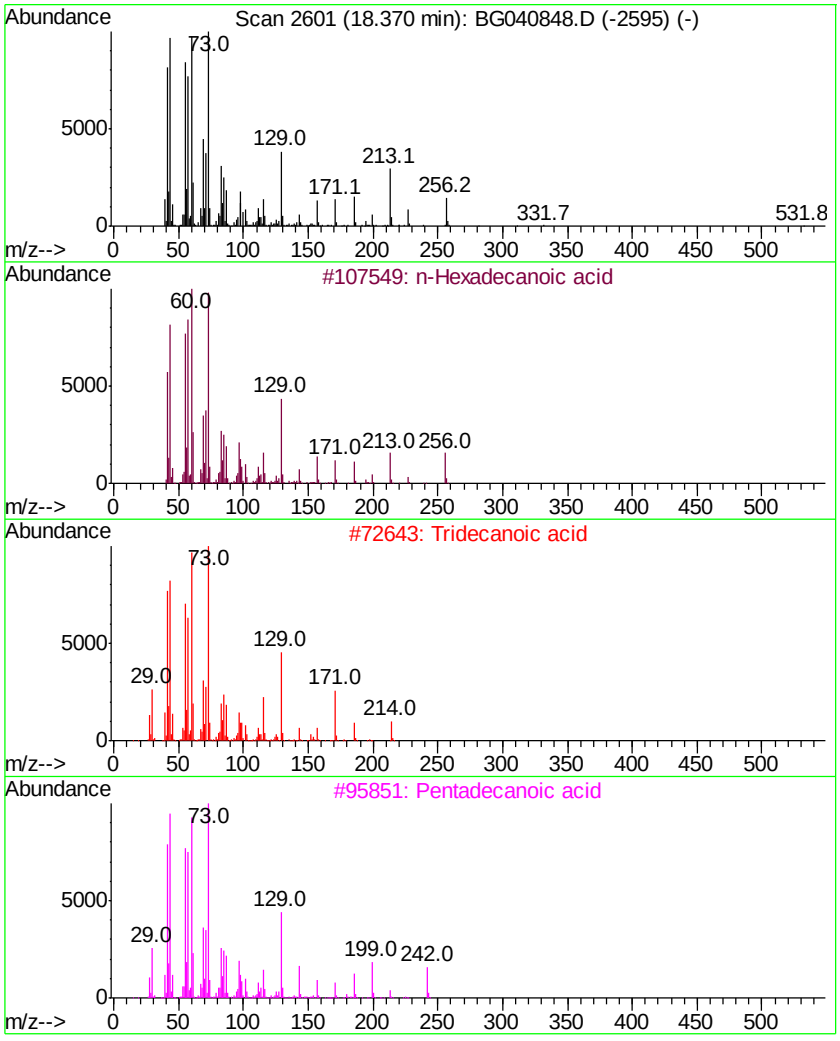
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

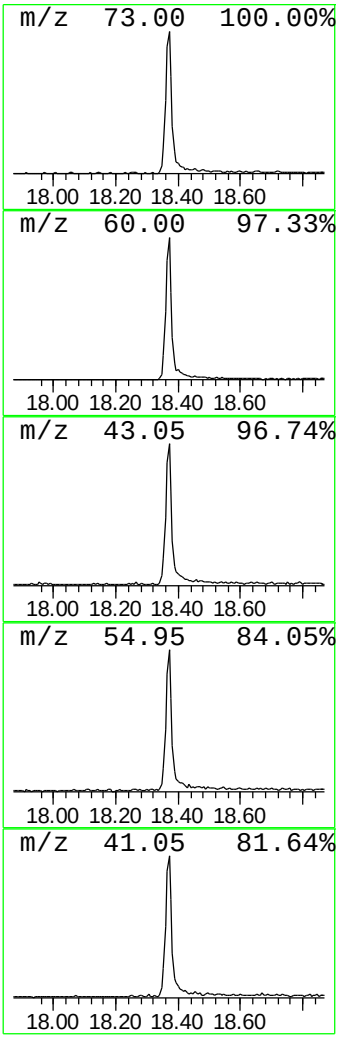
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	13.55 ng	840602	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

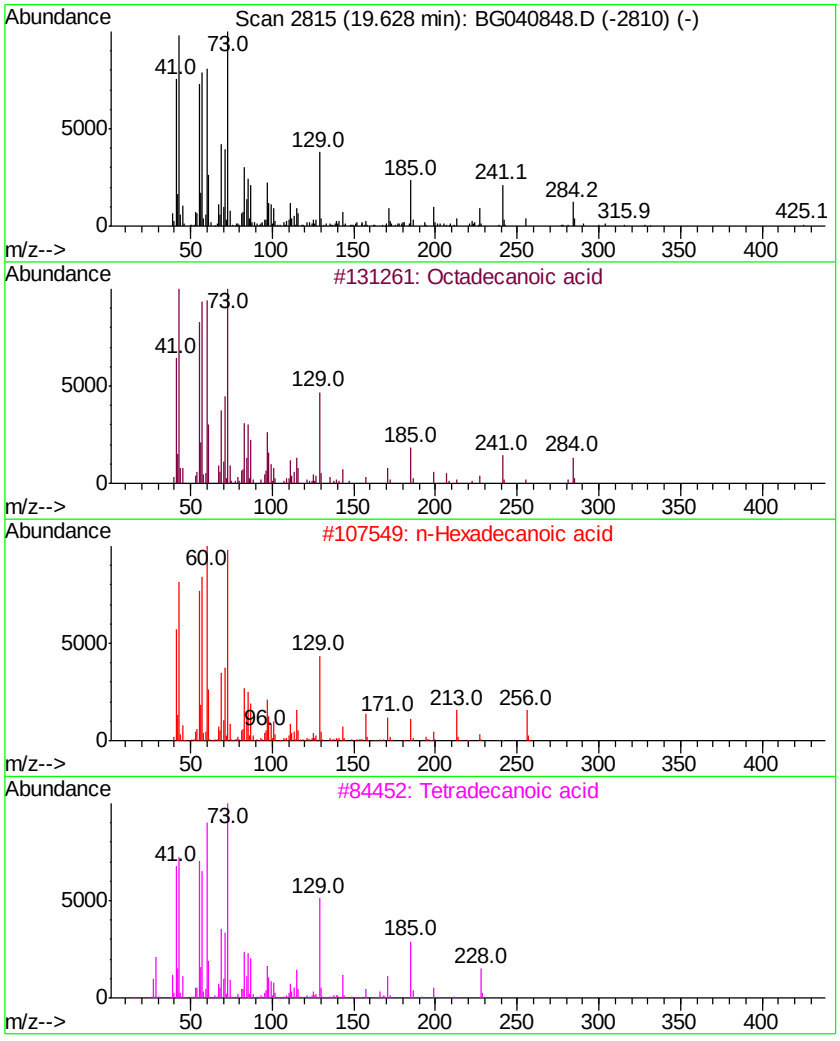
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

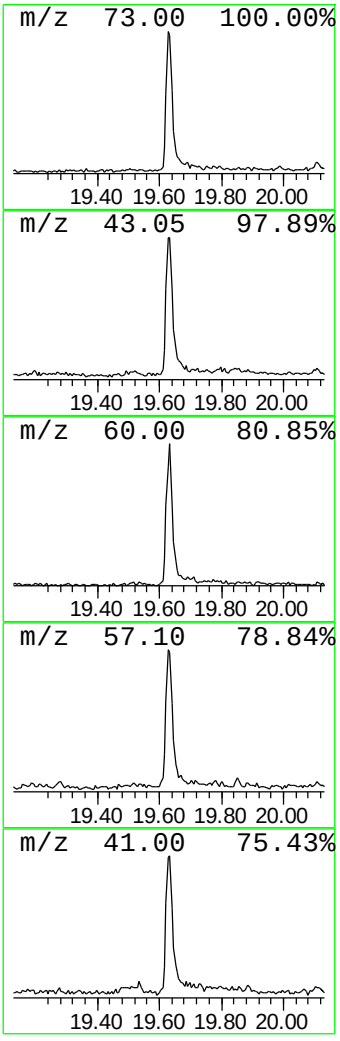
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	6.64 ng	411765	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

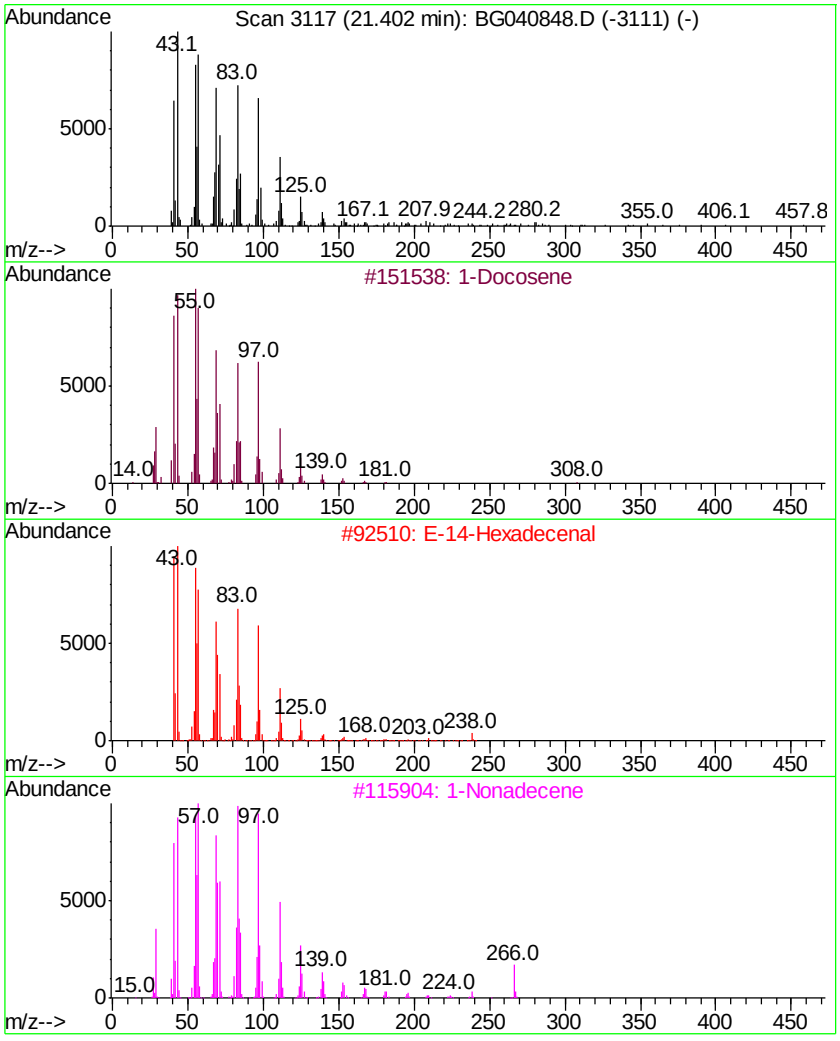
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

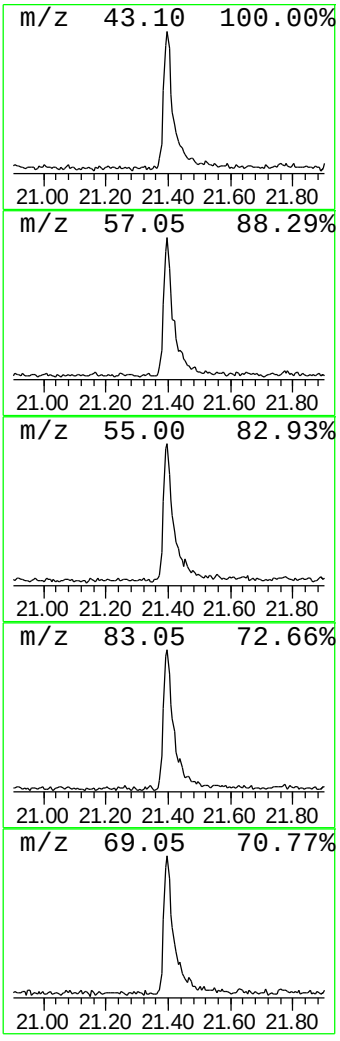
****

Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	9.30 ng	620513	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	Cyclopentadecane	210	C15H30	000295-48-7	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

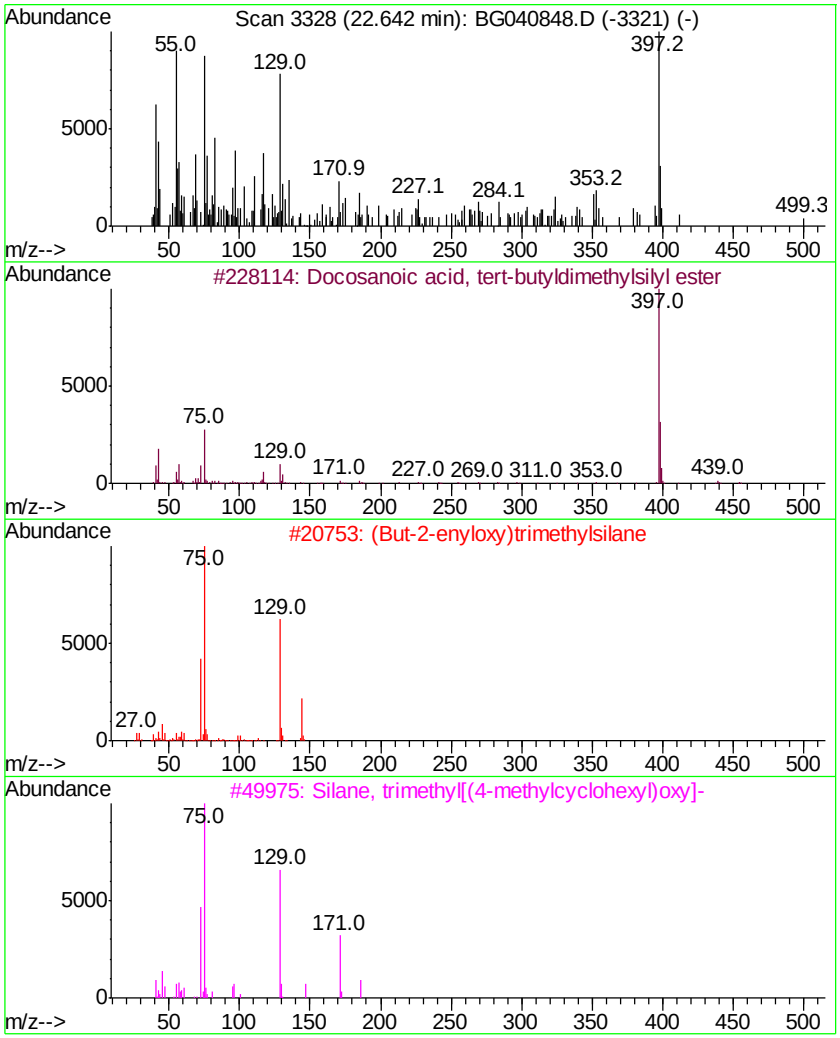
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

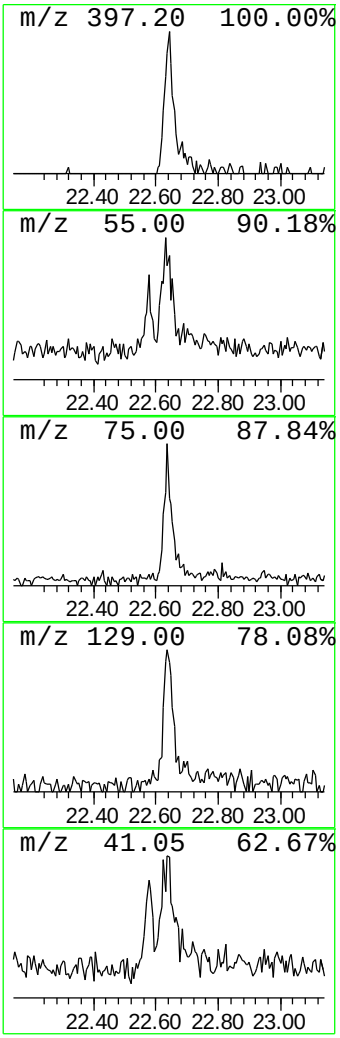
****

Peak Number 8 Docosanoic acid, tert-butyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.44 ng	162762	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, tert-butyldimet...	454	C28H58O2Si	104255-84-7	64
2	(But-2-enyloxy)trimethylsilane	144	C7H16OSi	018269-32-4	38
3	Silane, trimethyl[(4-methylcyclo...	186	C10H22OSi	029800-81-5	38
4	Silane, trimethyl[(2-methylcyclo...	186	C10H22OSi	039789-19-0	38
5	2-Isopropyl(dimethyl)silyloxypro...	160	C8H20OSi	1000278-74-1	27





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Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

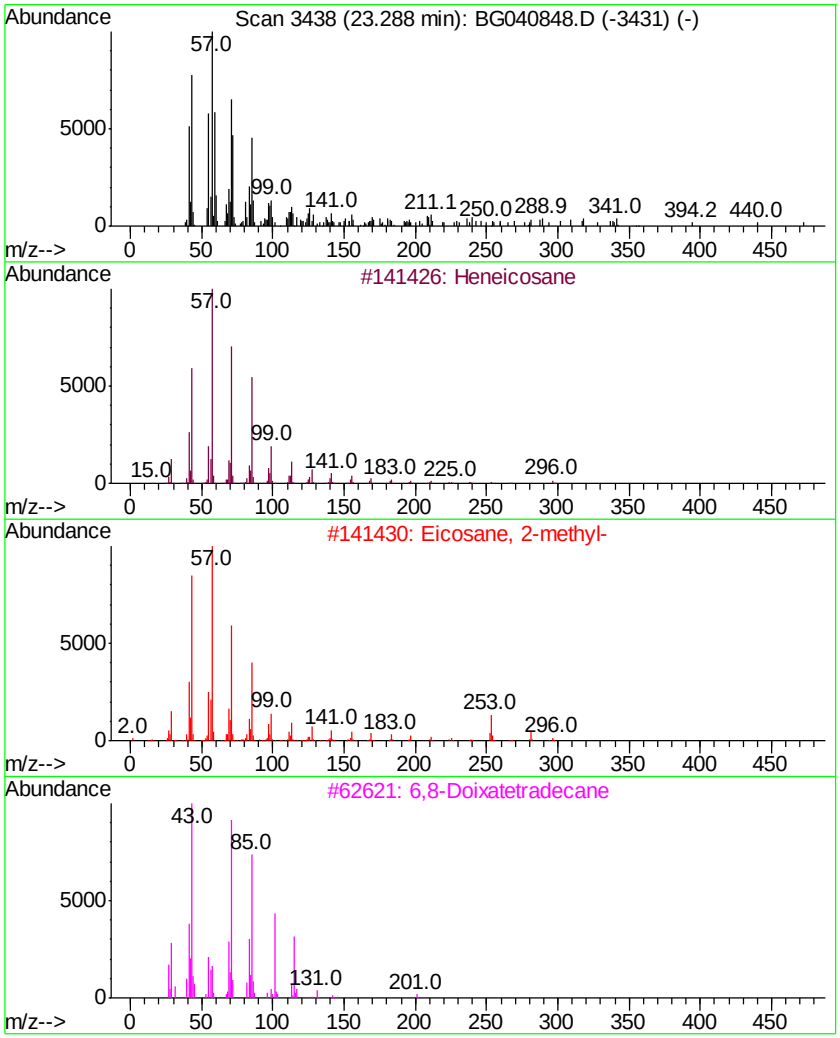
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

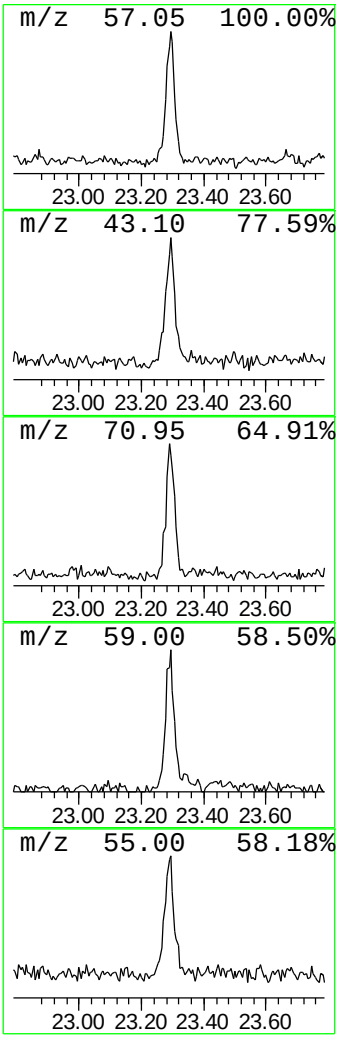
****

Peak Number 9 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.84 ng	189429	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	55
3	6,8-Doixatetradecane	202	C12H26O2	1000334-82-8	50
4	Nonadecane	268	C19H40	000629-92-5	50
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
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Sample : K2762-13
Misc :
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Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

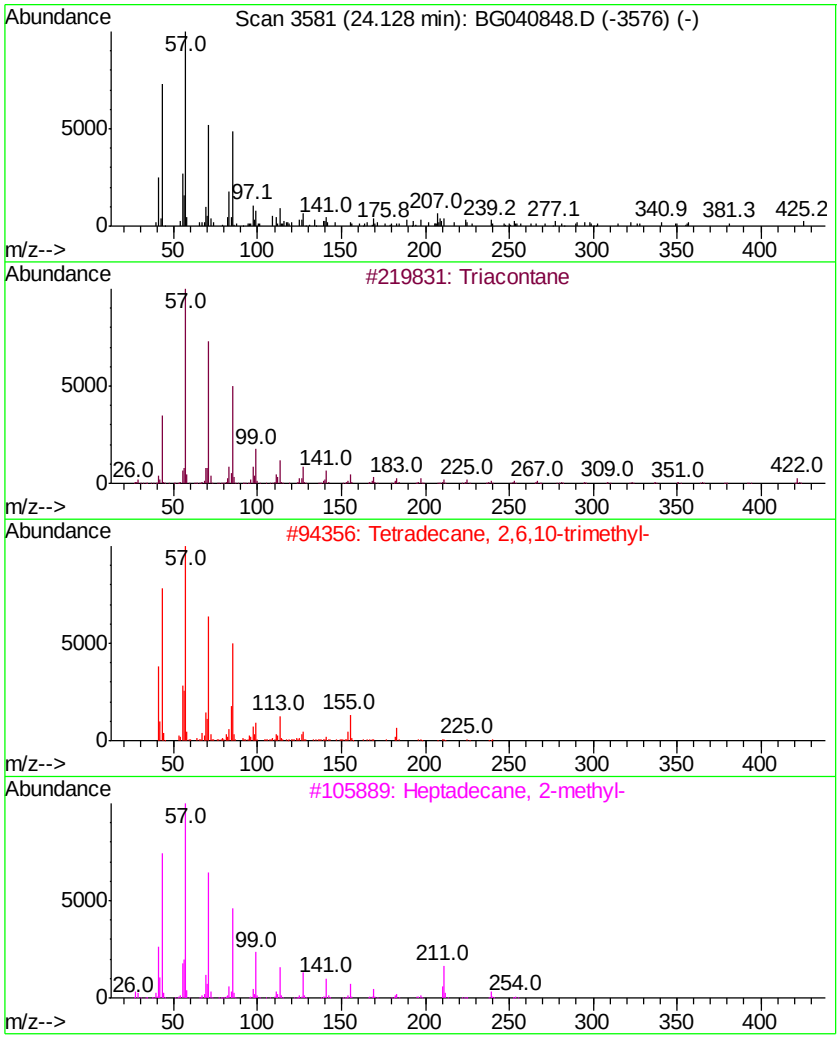
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

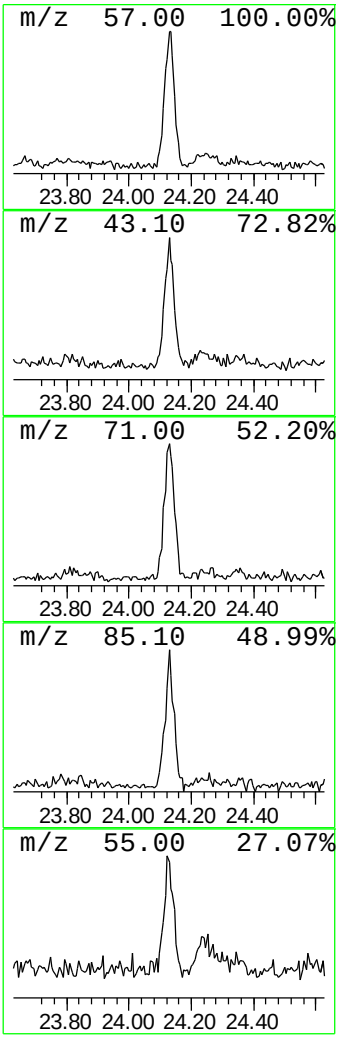
****

Peak Number 10 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.58 ng	165604	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	86
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	74
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	72
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64





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Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

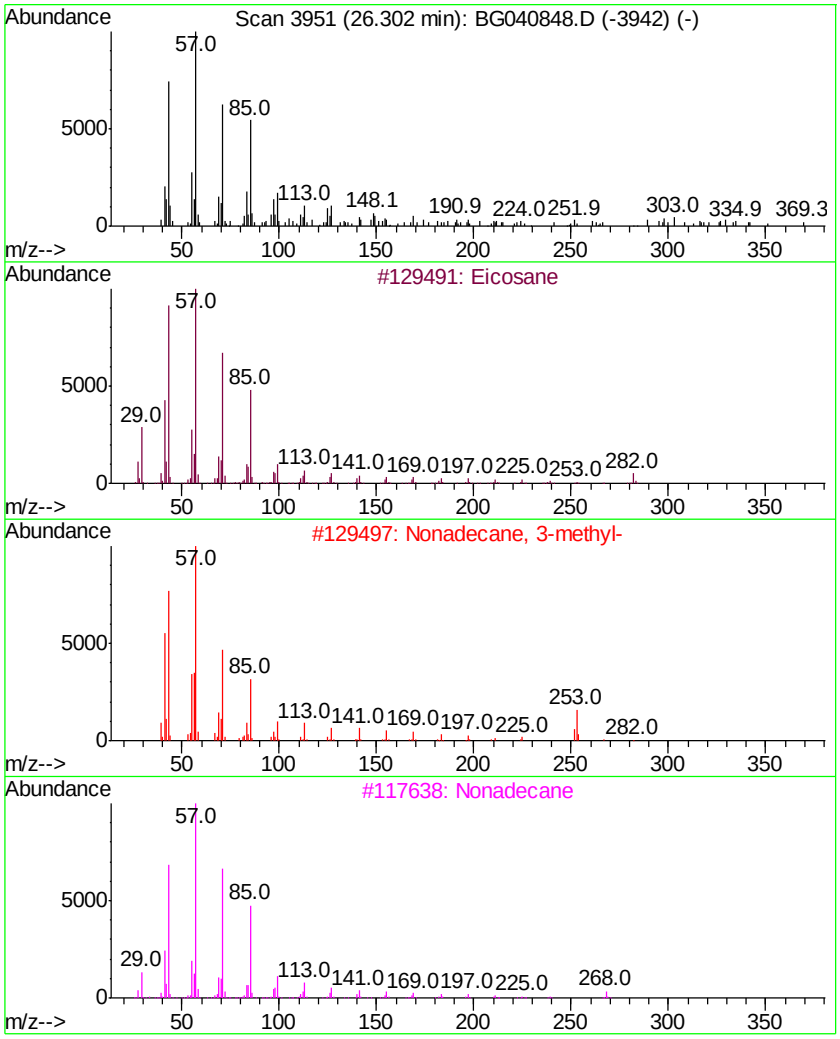
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

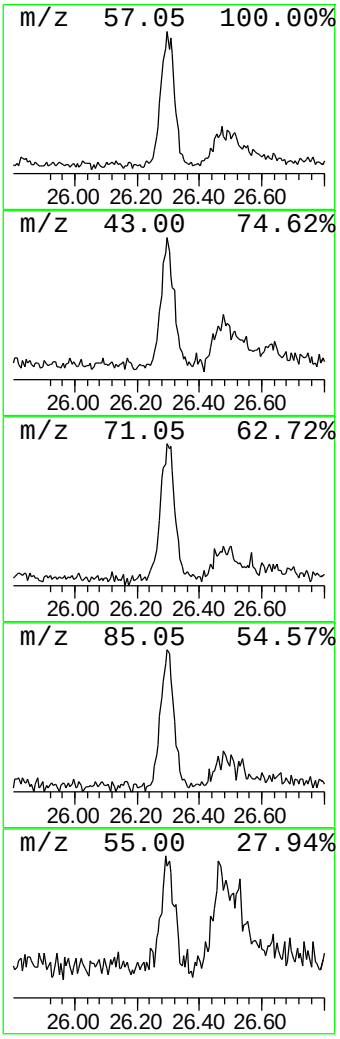
****

Peak Number 11 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.30	2.98 ng	191382	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040848.D
Acq On : 10 May 2019 12:49
Operator : HP/JU
Sample : K2762-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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...	3.23	16.9	ng	372753	1	8.14	441327	20.0
unknown7.67	7.67	111.7	ng	2464000	1	8.14	441327	20.0
n-Hexadecanoic acid	18.37	13.6	ng	840602	4	17.51	1241110	20.0
Octadecanoic acid	19.63	6.6	ng	411765	4	17.51	1241110	20.0
1-Docosene	21.40	9.3	ng	620513	5	21.80	1334950	20.0
Docosanoic acid, ...	22.64	2.4	ng	162762	5	21.80	1334950	20.0
Heneicosane	23.29	2.8	ng	189429	5	21.80	1334950	20.0
Triacontane	24.13	2.6	ng	165604	6	25.15	1285620	20.0
Eicosane	26.30	3.0	ng	191382	6	25.15	1285620	20.0