LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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	168616	301128	8.36%	1.147%
2	3.230	20	24	38	rVB	424374	589438	16.36%	2.245%
3	5.674	431	440	450	rBV	1080346	1692286	46.97%	6.447%
4	7.284	706	714	725	rBV	1171036	2033888	56.46%	7.748%
5	7.666	768	779	792	rBV	1112657	1899370	52.72%	7.236%
6	8.142	851	860	870	rBV	256782	435439	12.09%	1.659%
7	8.465	908	915	922	rBV	720669	1227689	34.08%	4.677%
8	9.323	1051	1061	1068	rBV	695347	1289179	35.78%	4.911%
9	10.968	1332	1341	1349	rBV	353467	624738	17.34%	2.380%
10	13.394	1747	1754	1765	rVB	1446017	2209061	61.32%	8.415%
11	14.211	1886	1893	1899	rBV	324945	464468	12.89%	1.769%
12	14.769	1981	1988	1996	rBV2	599121	966418	26.83%	3.682%
13	16.256	2234	2241	2252	rBV	1473746	2224534	61.75%	8.474%
14	17.513	2449	2455	2461	rBV2	769549	1213800	33.69%	4.624%
15	18.365	2595	2600	2609	rBV2	382896	572572	15.89%	2.181%
16	19.282	2752	2756	2763	rBV8	28508	60687	1.68%	0.231%
17	19.558	2798	2803	2807	rVB	82504	119638	3.32%	0.456%
18	19.628	2811	2815	2824	rBV	130504	193361	5.37%	0.737%
19	19.922	2861	2865	2871	rVB	80443	126115	3.50%	0.480%
20	20.110	2891	2897	2904	rBV	2783515	3602646	100.00%	13.724%
21	20.386	2938	2944	2952	rVB7	39370	99489	2.76%	0.379%
22	20.880	3025	3028	3033	rVB3	29515	36190	1.00%	0.138%
23	21.397	3112	3116	3131	rBV2	244191	488434	13.56%	1.861%
24	21.796	3177	3184	3190	rBV2	748561	1335093	37.06%	5.086%
25	21.955	3207	3211	3217	rVB	41926	58521	1.62%	0.223%
26	22.578	3313	3317	3321	rVV3	46286	70768	1.96%	0.270%
27	22.637	3321	3327	3337	rVB10	59930	139661	3.88%	0.532%
28	23.295	3433	3439	3447	rBV3	106364	202784	5.63%	0.773%
29	23.500	3468	3474	3483	rVB2	68144	153416	4.26%	0.584%
30	24.129	3576	3581	3591	rVB	111223	254105	7.05%	0.968%
31	25.151	3742	3755	3772	rBV	401037	1378937	38.28%	5.253%
32	26.297	3943	3950	3961	rVB3	59322	186076	5.16%	0.709%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

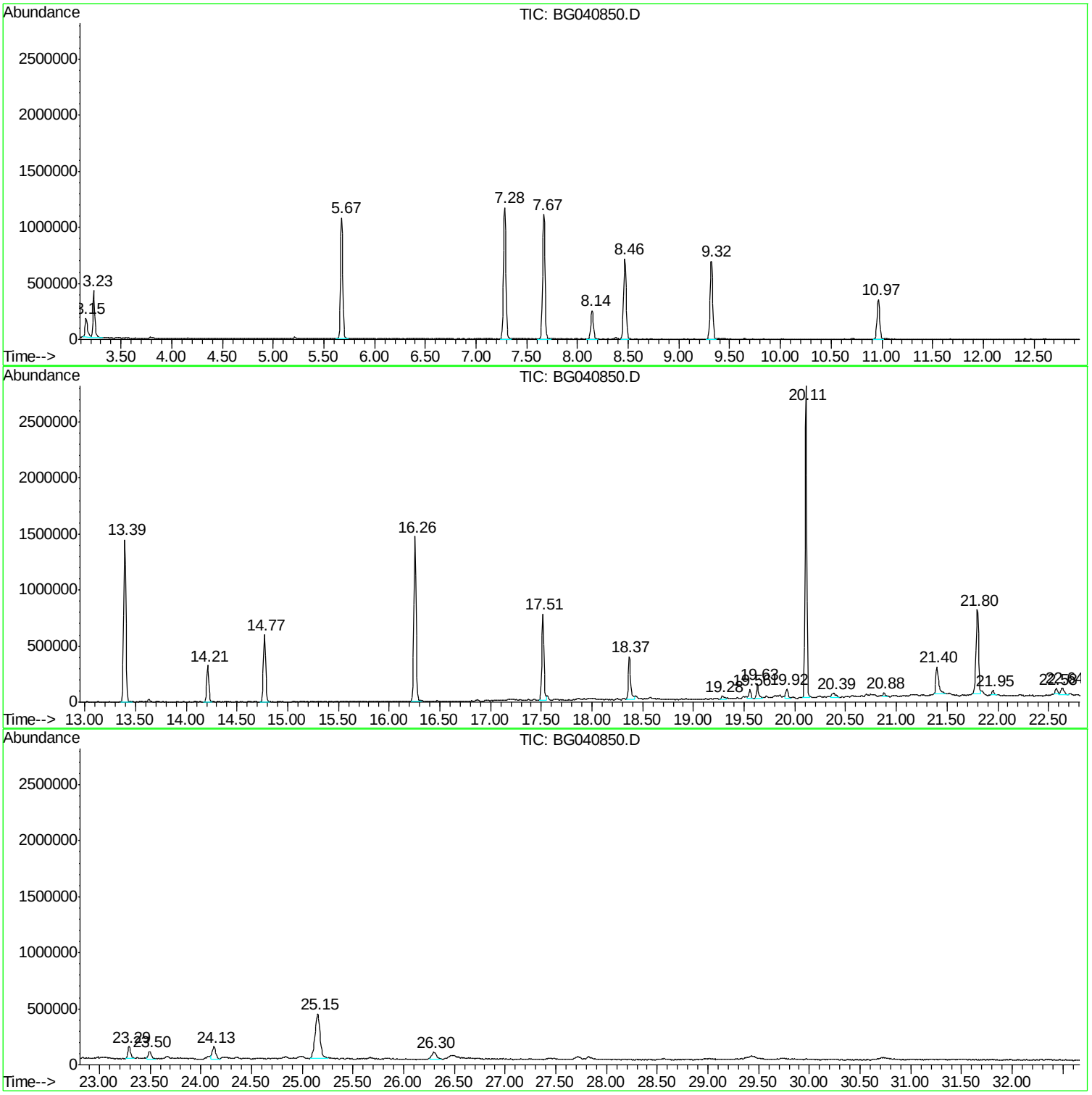
Sum of corrected areas: 26249929

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

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 : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

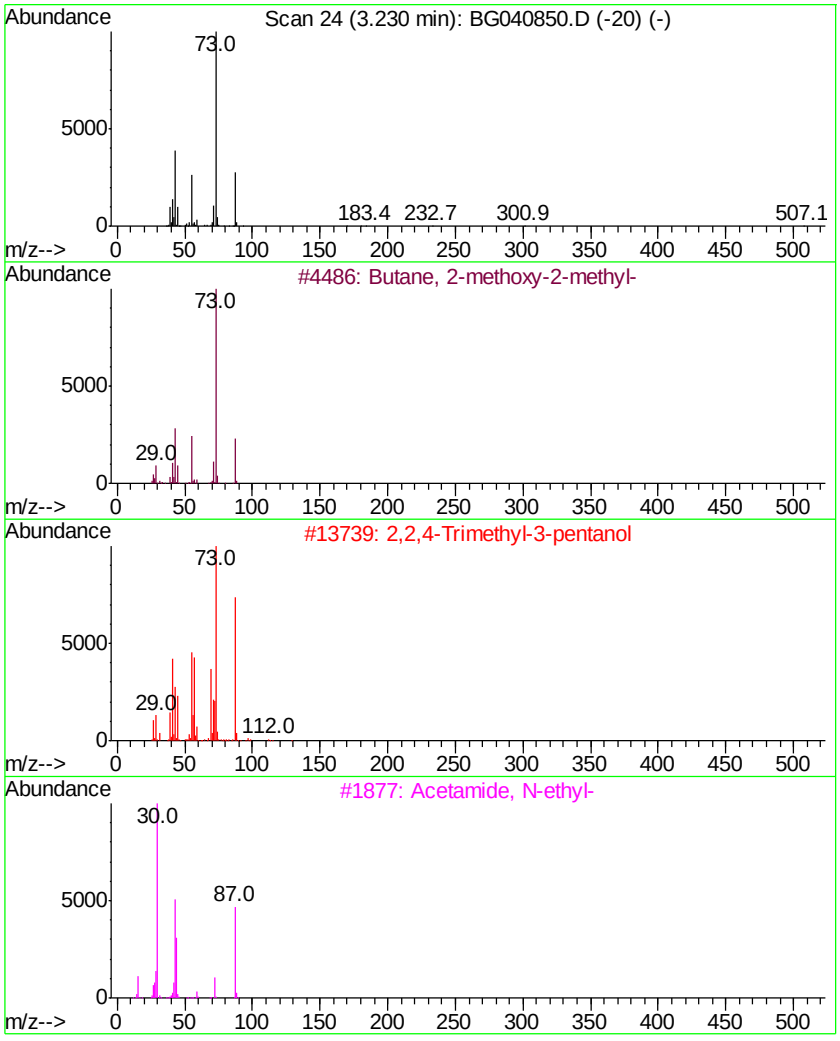
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

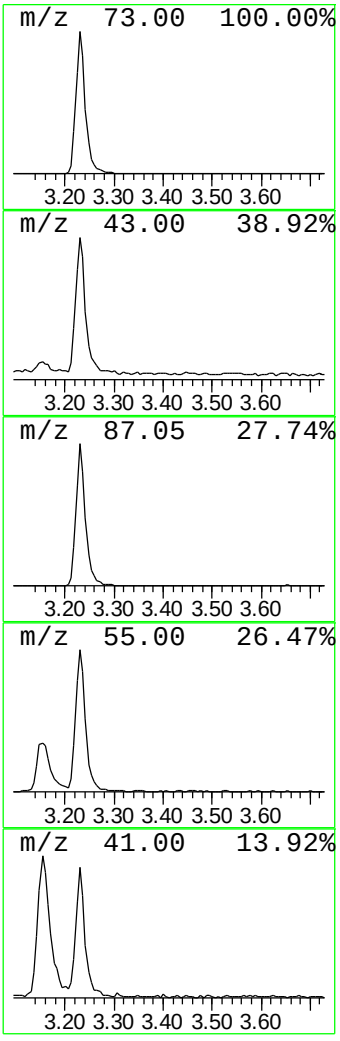
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	27.07 ng	589438	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

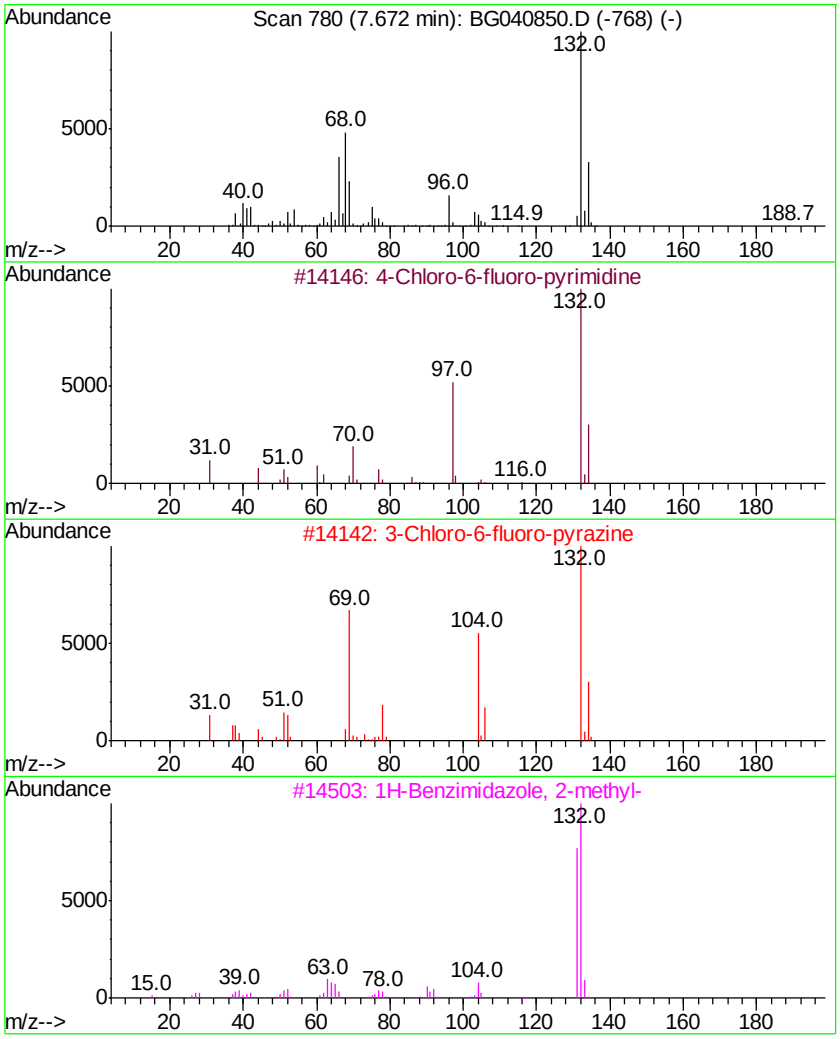
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

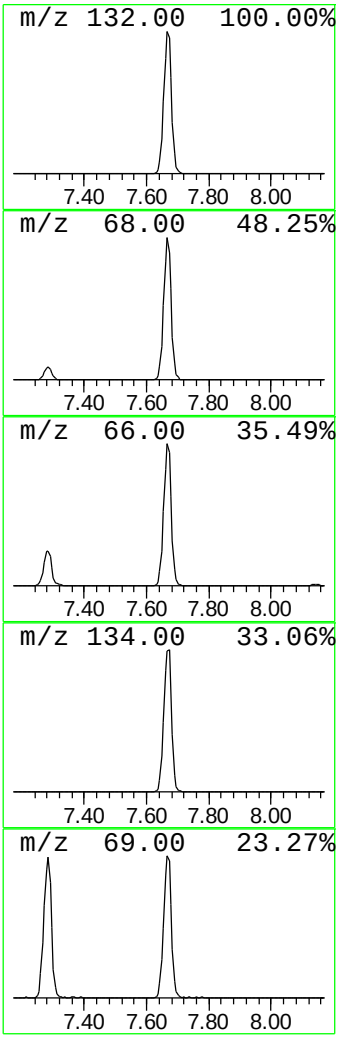
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	87.24 ng	1899370	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

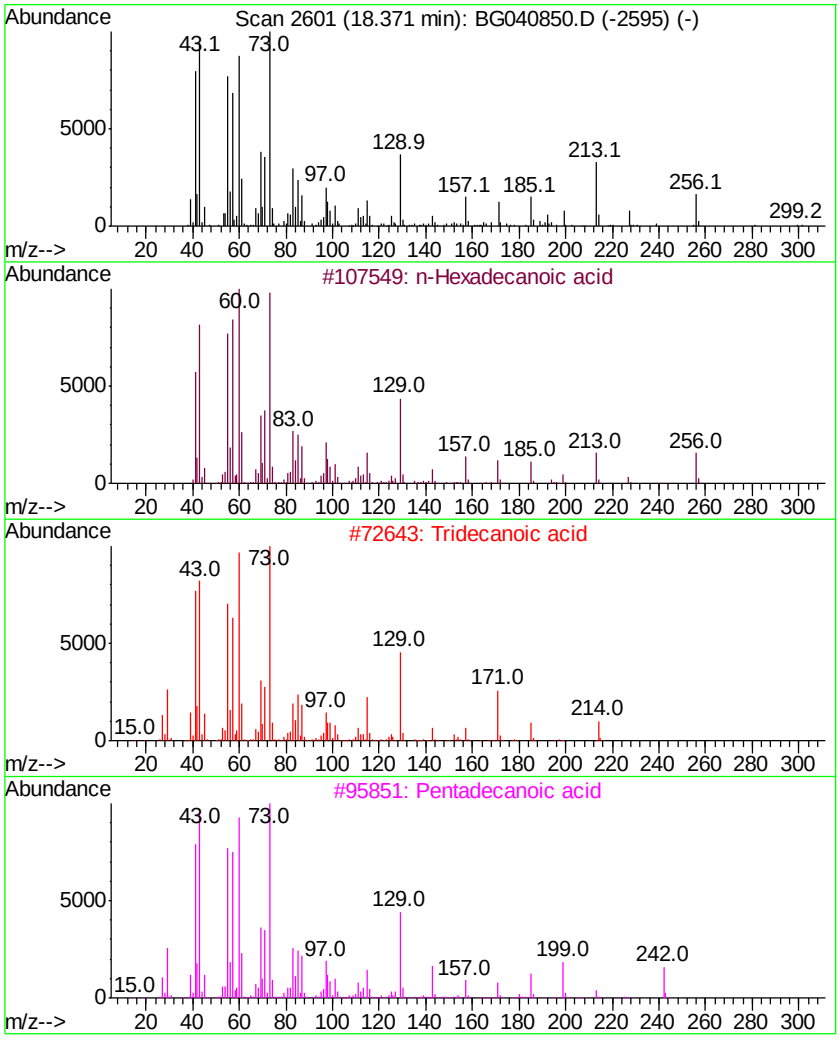
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

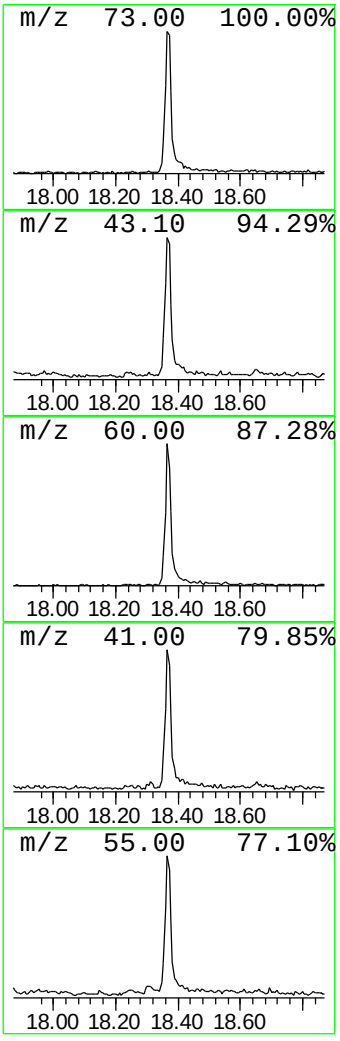
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	9.43 ng	572572	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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

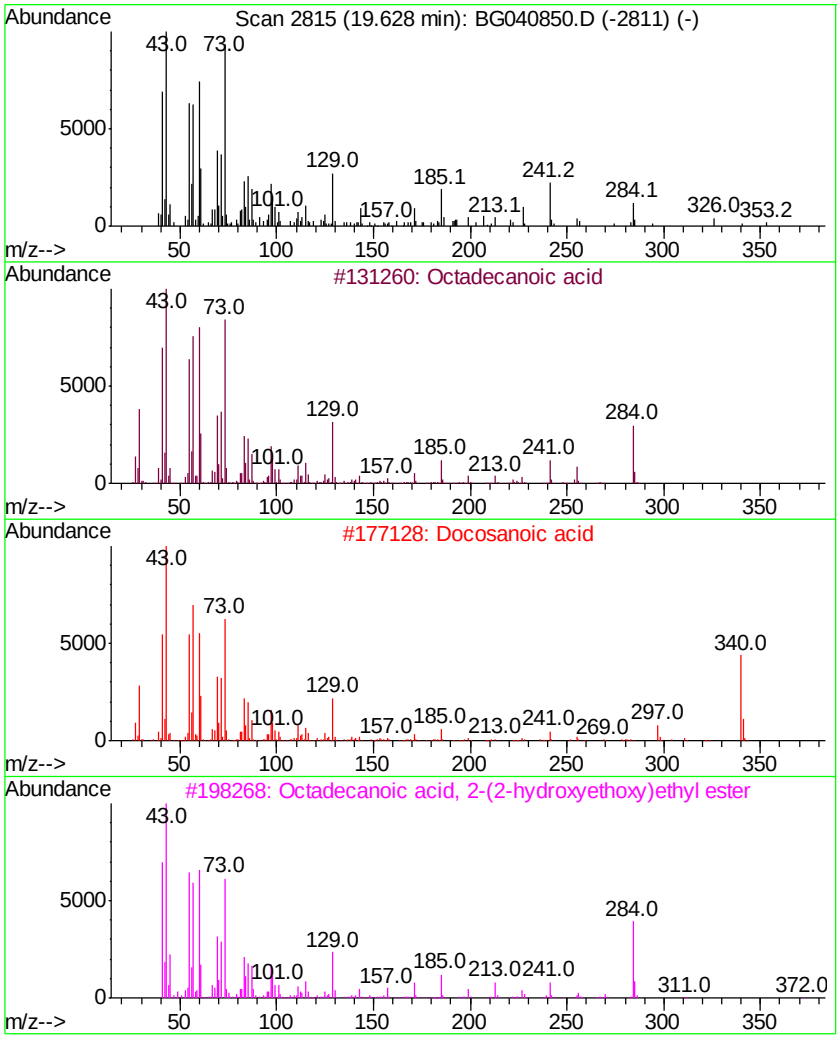
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

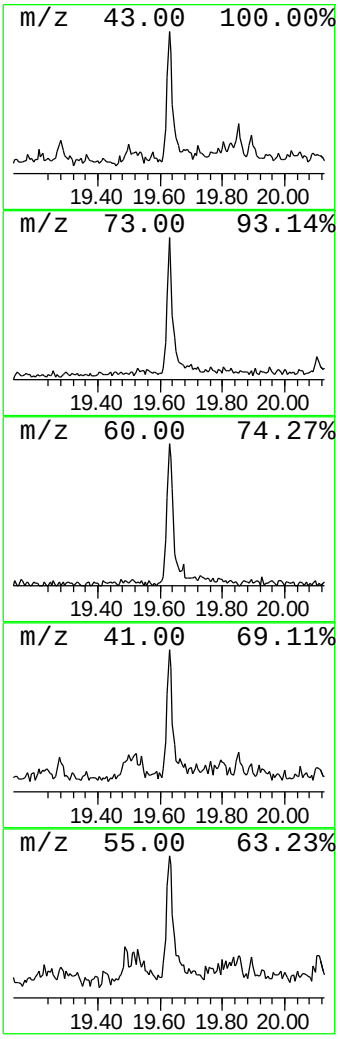
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.19 ng	193361	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Docosanoic acid	340	C22H44O2	000112-85-6	76
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

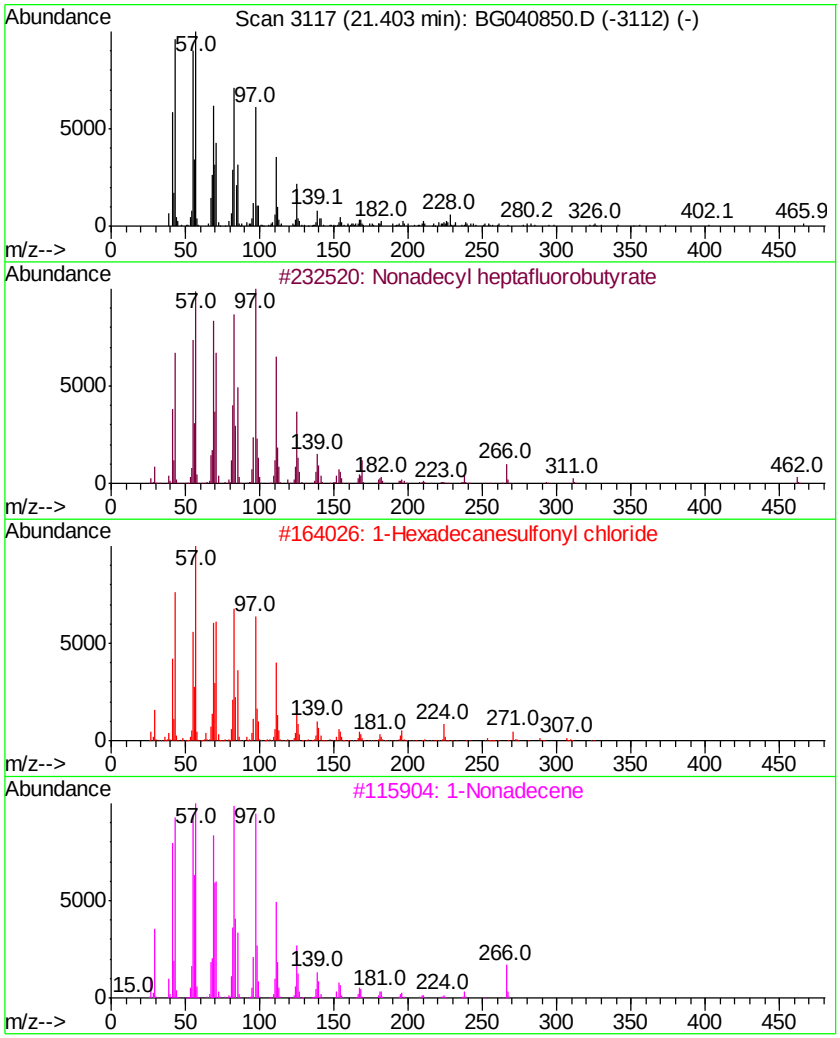
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

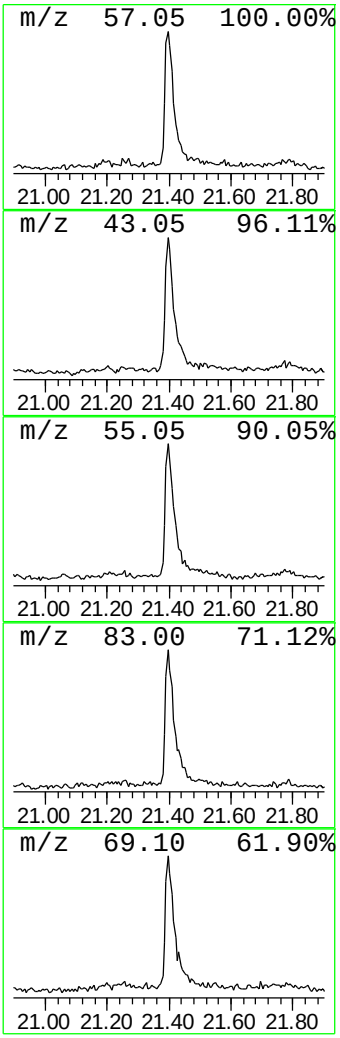
****

Peak Number 7 Nonadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	7.32 ng	488434	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Cyclopentadecane	210	C15H30	000295-48-7	90
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

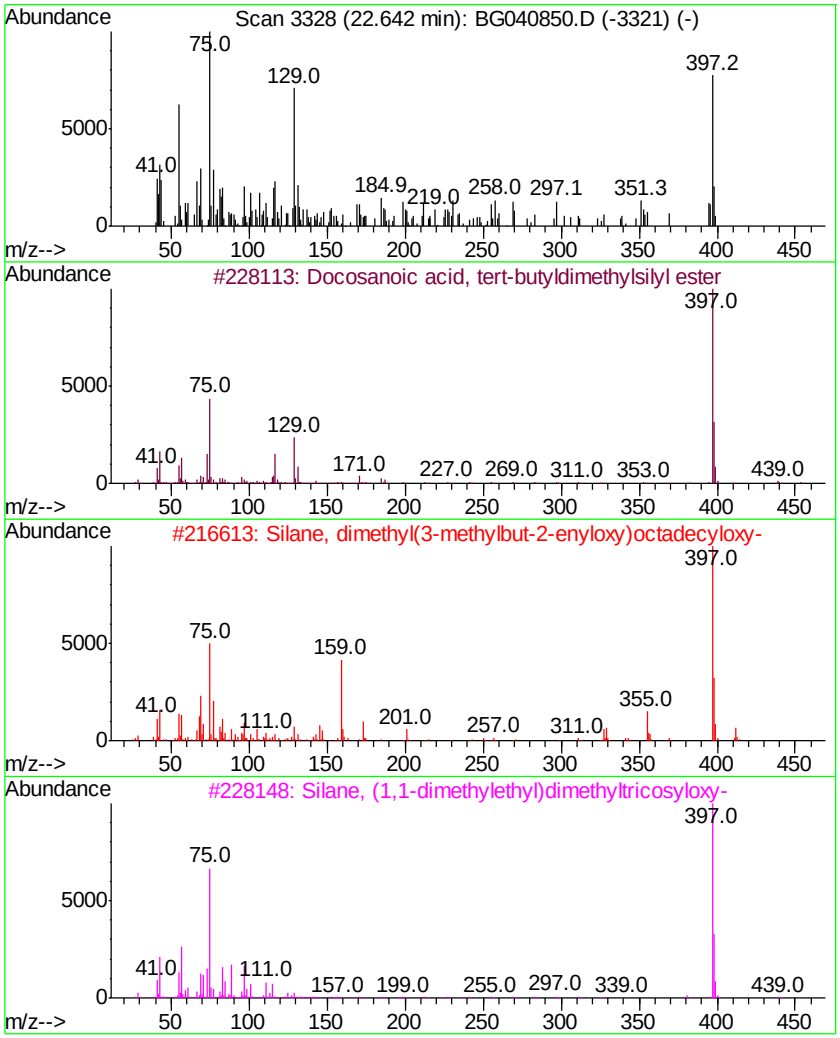
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

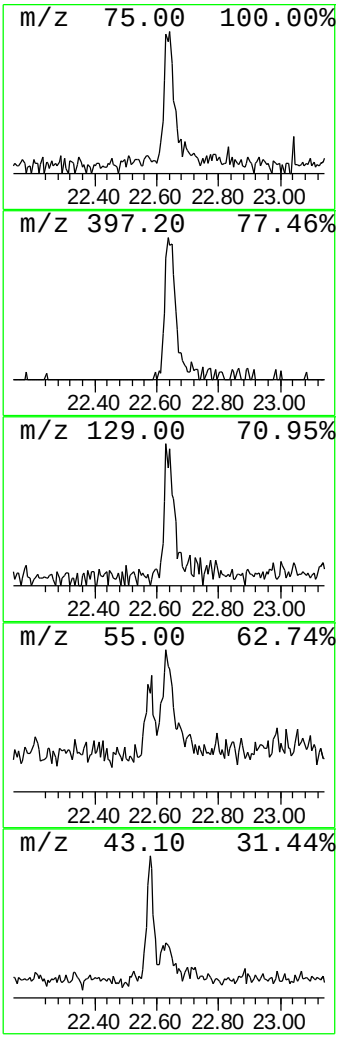
****

Peak Number 8 Docosanoic acid, tert-butyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.09 ng	139661	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, tert-butyldimet...	454	C28H58O2Si	104255-84-7	53
2	Silane, dimethyl(3-methylbut-2-e...	412	C25H52O2Si	1000347-97-7	50
3	Silane, (1,1-dimethylethyl)dimet...	454	C29H62OSi	1000351-85-0	43
4	1,3,3-Trimethyl-1-(4'-trimethyls...	412	C24H36O2Si2	155726-90-2	30
5	6b-Acetyl-4a,6a-dimethyl-3,4,4a,...	397	C26H39NO2	1000275-03-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

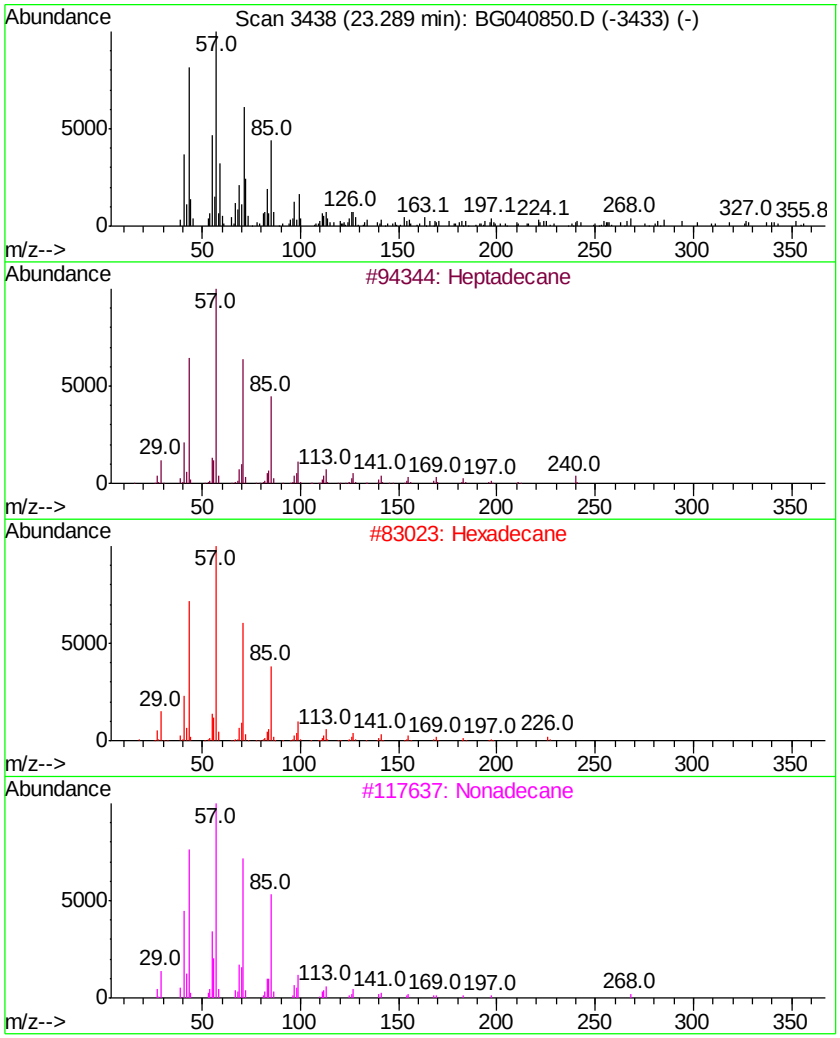
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

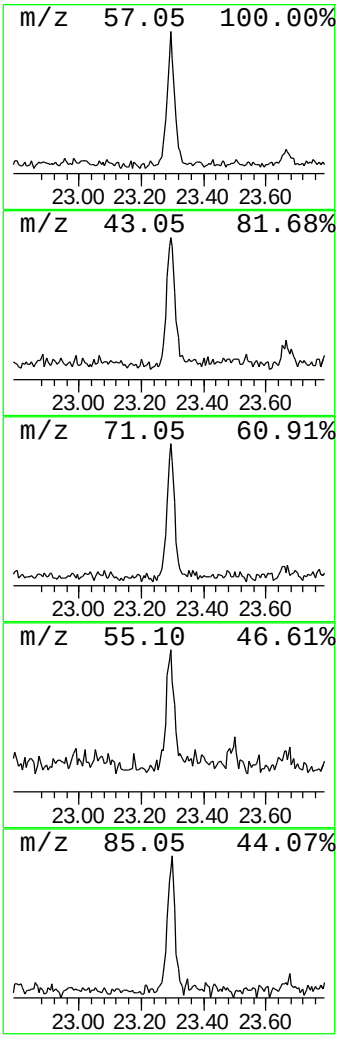
****

Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.04 ng	202784	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tricosane	324	C23H48	000638-67-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

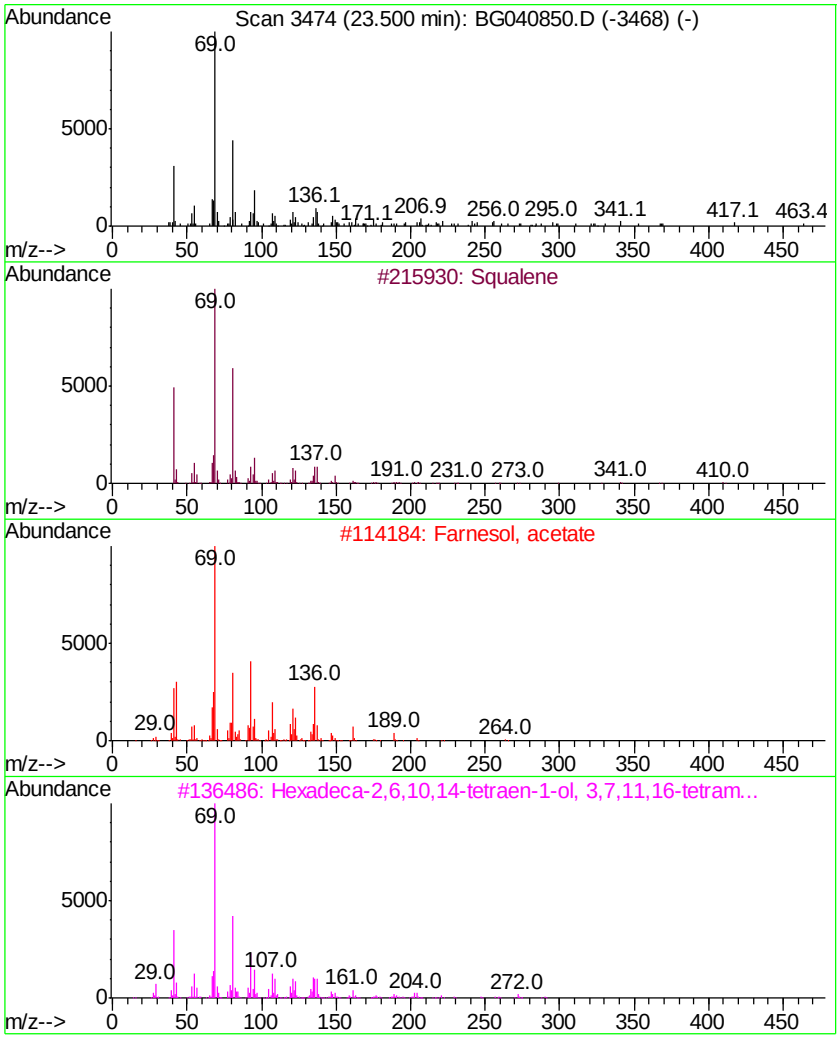
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

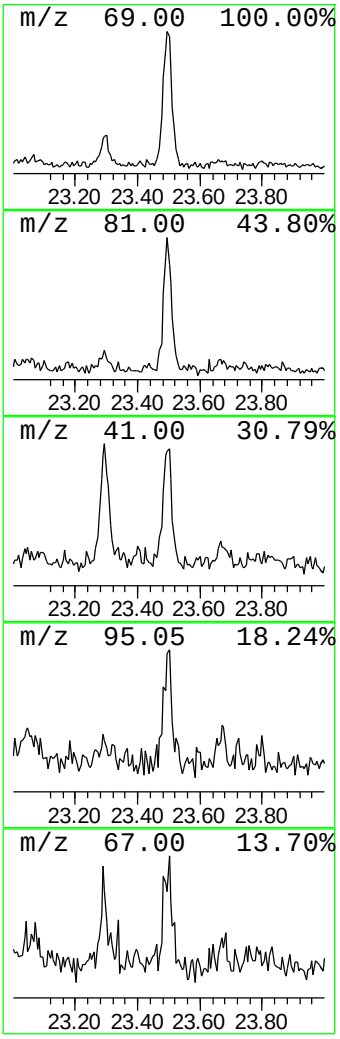
****

Peak Number 10 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	2.23 ng	153416	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	Farnesol, acetate	264	C17H28O2	1000352-67-2	64
3	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	64
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5	trans-Farnesol	222	C15H26O	000106-28-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

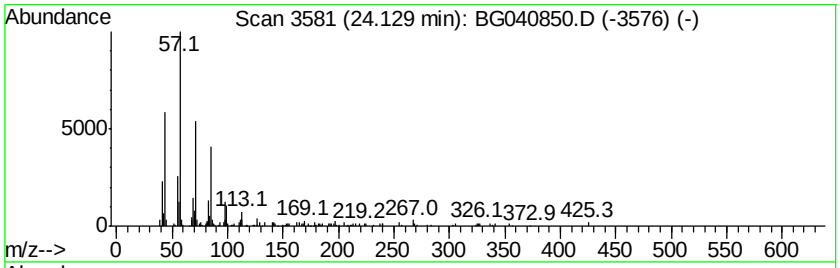
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

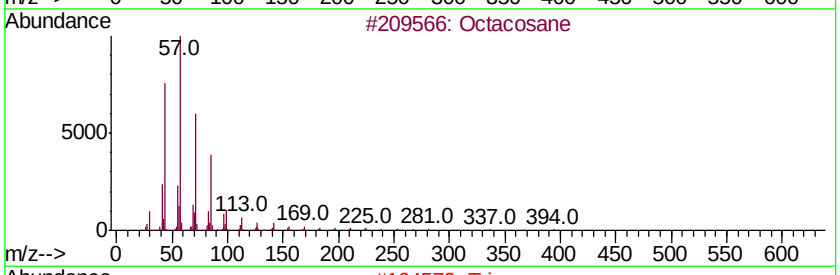
****

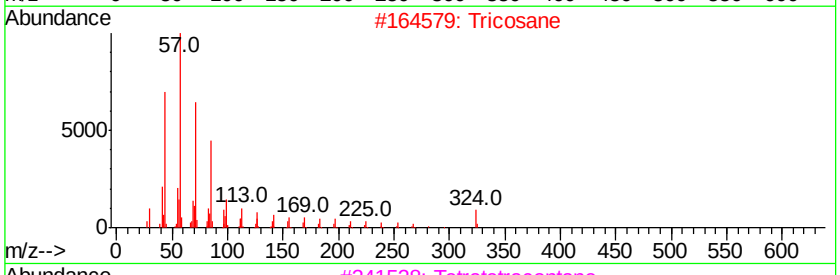
Peak Number 11 Octacosane Concentration Rank 7

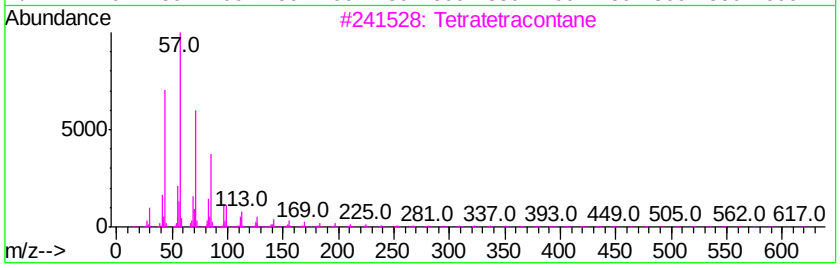
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.69 ng	254105	Perylene-d12	25.15

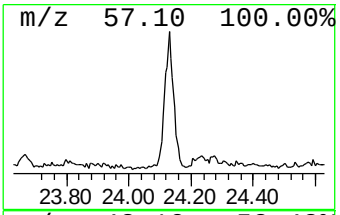
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tricosane	324	C23H48	000638-67-5	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87

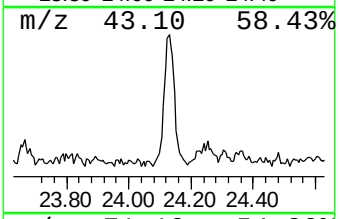


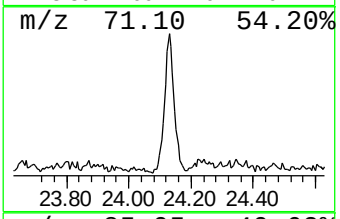


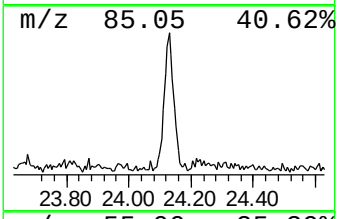


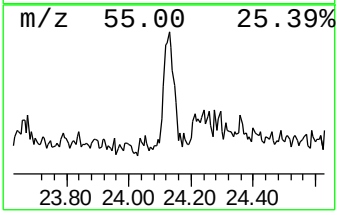












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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

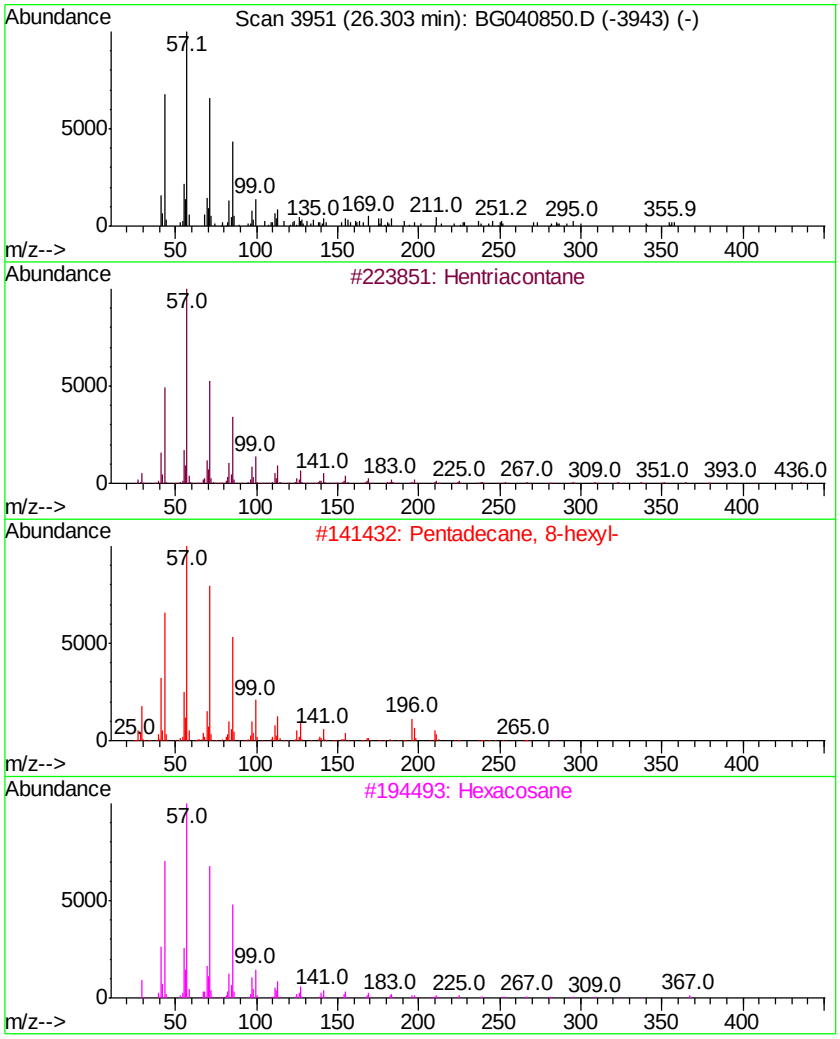
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

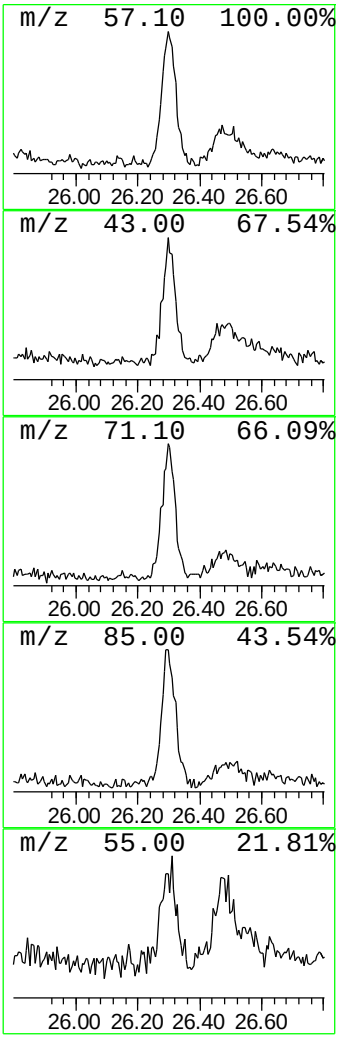
****

Peak Number 12 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.30	2.70 ng	186076	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	83
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
3	Hexacosane	366	C26H54	000630-01-3	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Nonadecane	268	C19H40	000629-92-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

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	27.1	ng	589438	1	8.14	435439	20.0
unknown7.67	7.67	87.2	ng	1899370	1	8.14	435439	20.0
n-Hexadecanoic acid	18.37	9.4	ng	572572	4	17.51	1213800	20.0
Octadecanoic acid	19.63	3.2	ng	193361	4	17.51	1213800	20.0
Nonadecyl heptafl...	21.40	7.3	ng	488434	5	21.80	1335090	20.0
Docosanoic acid, ...	22.64	2.1	ng	139661	5	21.80	1335090	20.0
Heptadecane	23.29	3.0	ng	202784	5	21.80	1335090	20.0
Squalene	23.50	2.2	ng	153416	6	25.15	1378940	20.0
Octacosane	24.13	3.7	ng	254105	6	25.15	1378940	20.0
Hentriacontane	26.30	2.7	ng	186076	6	25.15	1378940	20.0