LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

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-BG052919.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	3.131	3	7	15	rVB	110207	206709	3.97%	0.684%
2	3.207	15	20	35	rVB	428929	655784	12.58%	2.170%
3	5.657	430	437	450	rVB	1342489	2108993	40.47%	6.978%
4	7.267	702	711	722	rBV	1432941	2428063	46.59%	8.034%
5	7.649	766	776	786	rBV	1351466	2279788	43.75%	7.543%
6	8.119	848	856	869	rBV	239533	422707	8.11%	1.399%
7	8.448	903	912	922	rBV	949606	1630467	31.29%	5.395%
8	9.300	1049	1057	1067	rBV	855062	1508045	28.94%	4.990%
9	10.945	1330	1337	1344	rBV	312389	545470	10.47%	1.805%
10	11.961	1504	1510	1517	rBV4	30088	65770	1.26%	0.218%
11	13.377	1742	1751	1760	rBV	2030422	3119506	59.86%	10.321%
12	14.194	1883	1890	1895	rBV	271832	396252	7.60%	1.311%
13	14.752	1977	1985	1994	rBV2	539145	853990	16.39%	2.826%
14	16.239	2231	2238	2249	rBV	2100052	3235807	62.09%	10.706%
15	17.496	2446	2452	2460	rBV	760349	1172574	22.50%	3.880%
16	18.348	2592	2597	2608	rBV2	237713	372675	7.15%	1.233%
17	19.611	2807	2812	2822	rBV	101407	170043	3.26%	0.563%
18	20.093	2887	2894	2900	rBV	3979243	5211277	100.00%	17.242%
19	21.368	3106	3111	3120	rBV2	99261	180112	3.46%	0.596%
20	21.773	3173	3180	3192	rBV2	865928	1420398	27.26%	4.700%
21	21.926	3201	3206	3212	rVB	55386	84795	1.63%	0.281%
22	22.549	3307	3312	3316	rBV	73180	119267	2.29%	0.395%
23	23.260	3427	3433	3443	rVB2	86623	170675	3.28%	0.565%
24	23.460	3461	3467	3474	rVB2	68991	126363	2.42%	0.418%
25	24.088	3568	3574	3582	rVB3	75911	169265	3.25%	0.560%
26	25.111	3733	3748	3759	rBV2	444474	1461108	28.04%	4.834%
27	26.239	3933	3940	3947	rVB6	40587	108258	2.08%	0.358%

Sum of corrected areas: 30224161

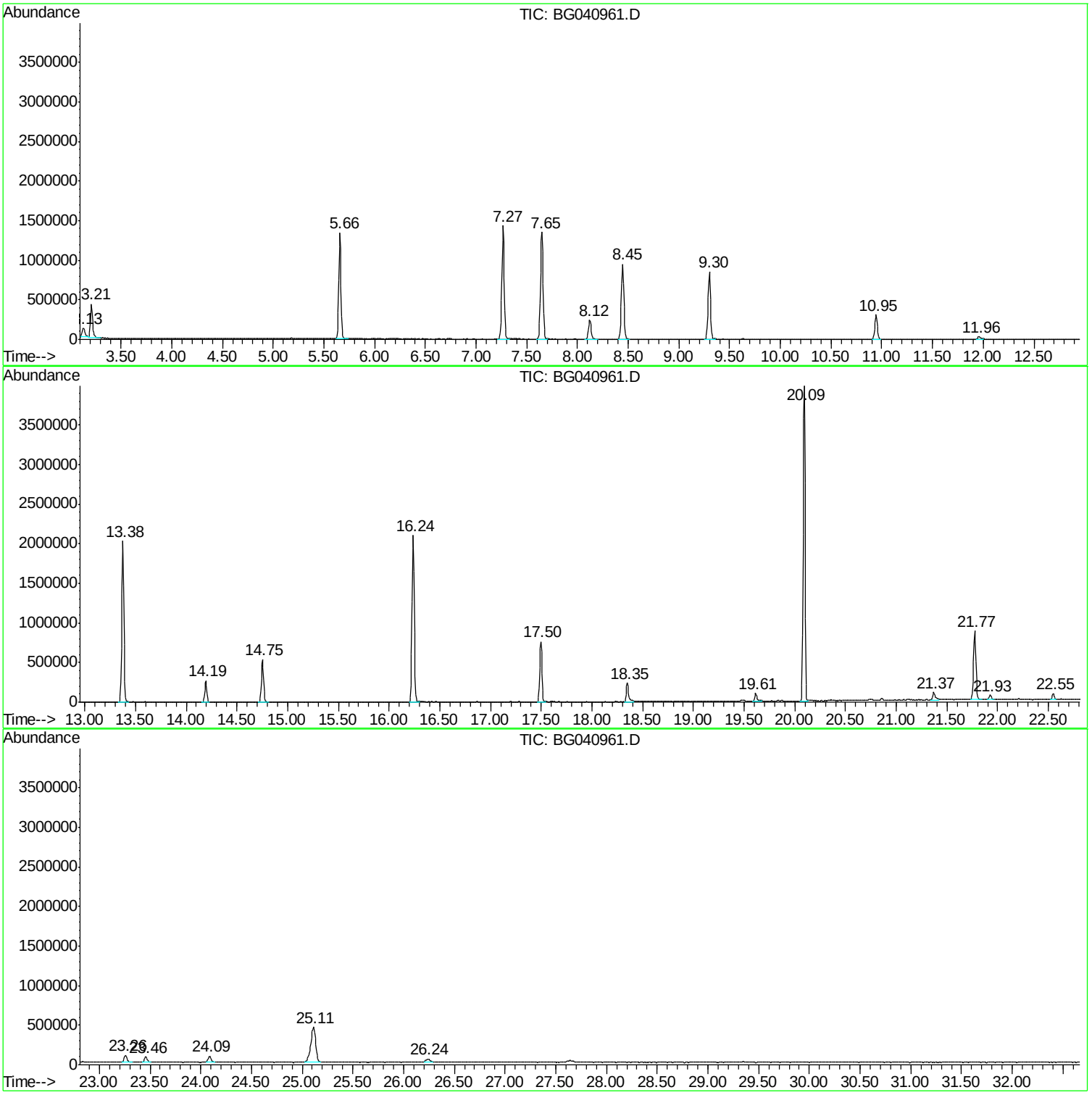
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

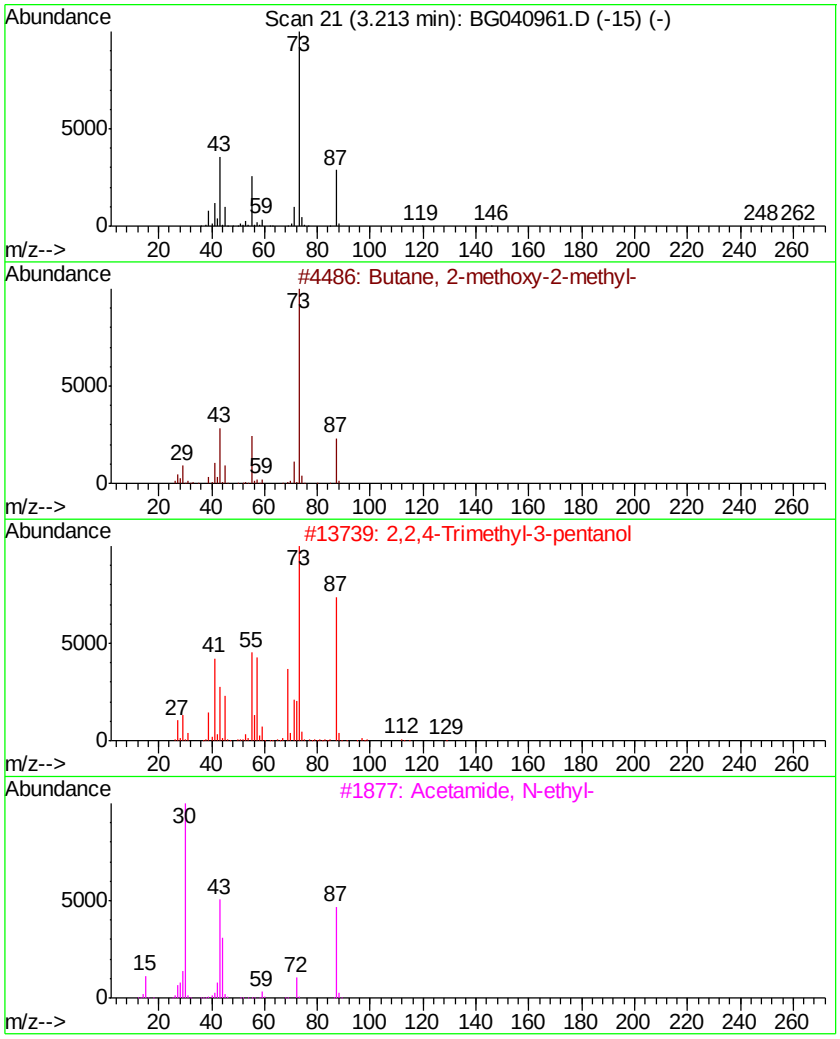
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

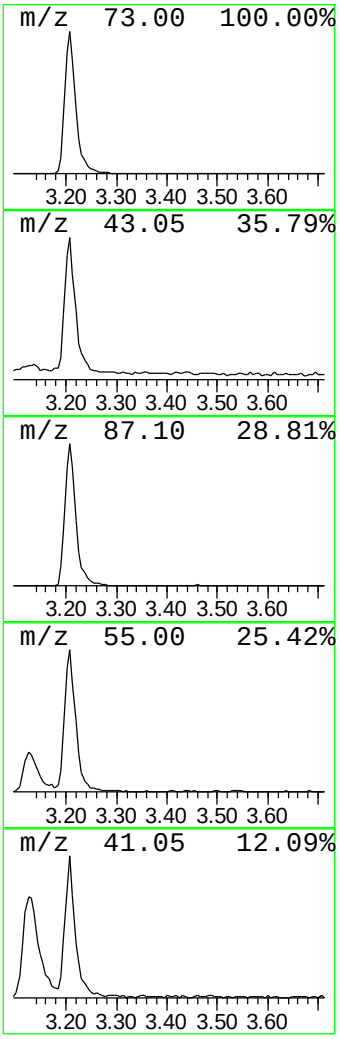
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	31.03 ng	655784	1,4-Dichlorobenzene-d4	8.12

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

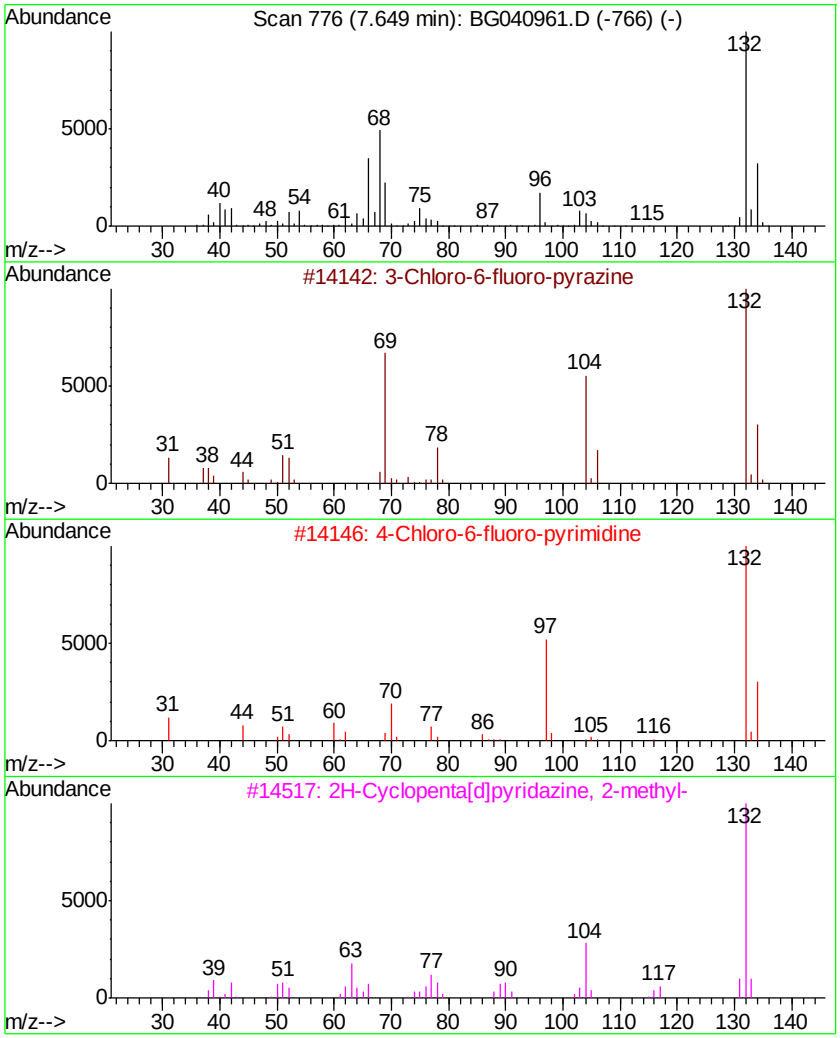
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

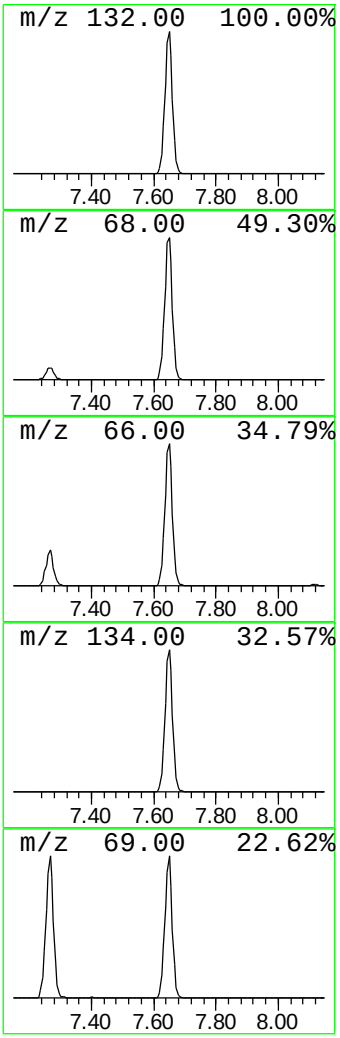
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	107.87 ng	2279790	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

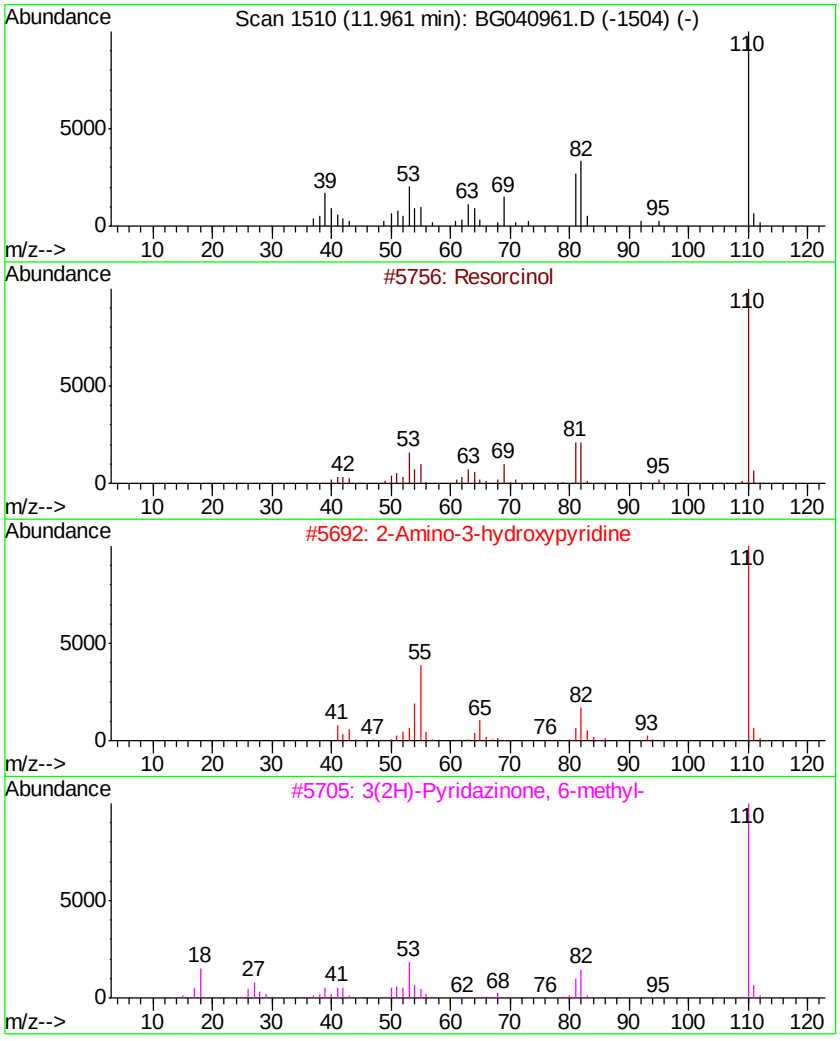
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

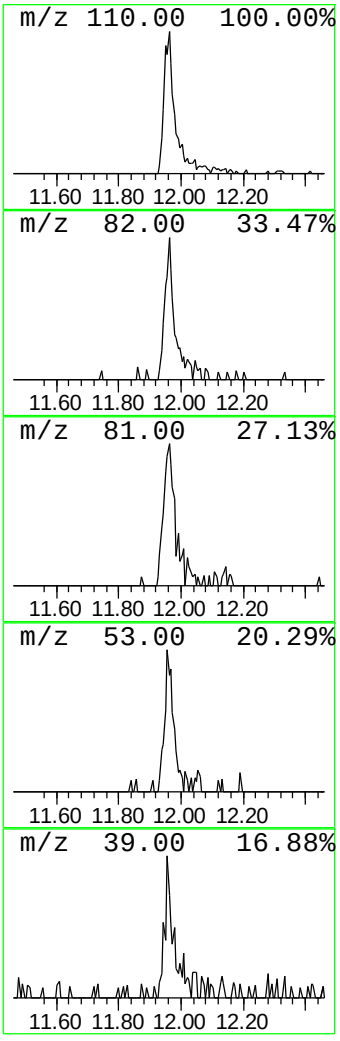
****

Peak Number 5 Resorcinol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.41 ng	65770	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	91
2	2-Amino-3-hydroxypyridine	110	C5H6N2O	016867-03-1	59
3	3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	58
4	4-Amino-2(1H)-pyridinone	110	C5H6N2O	038767-72-5	53
5	Hydroquinone	110	C6H6O2	000123-31-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

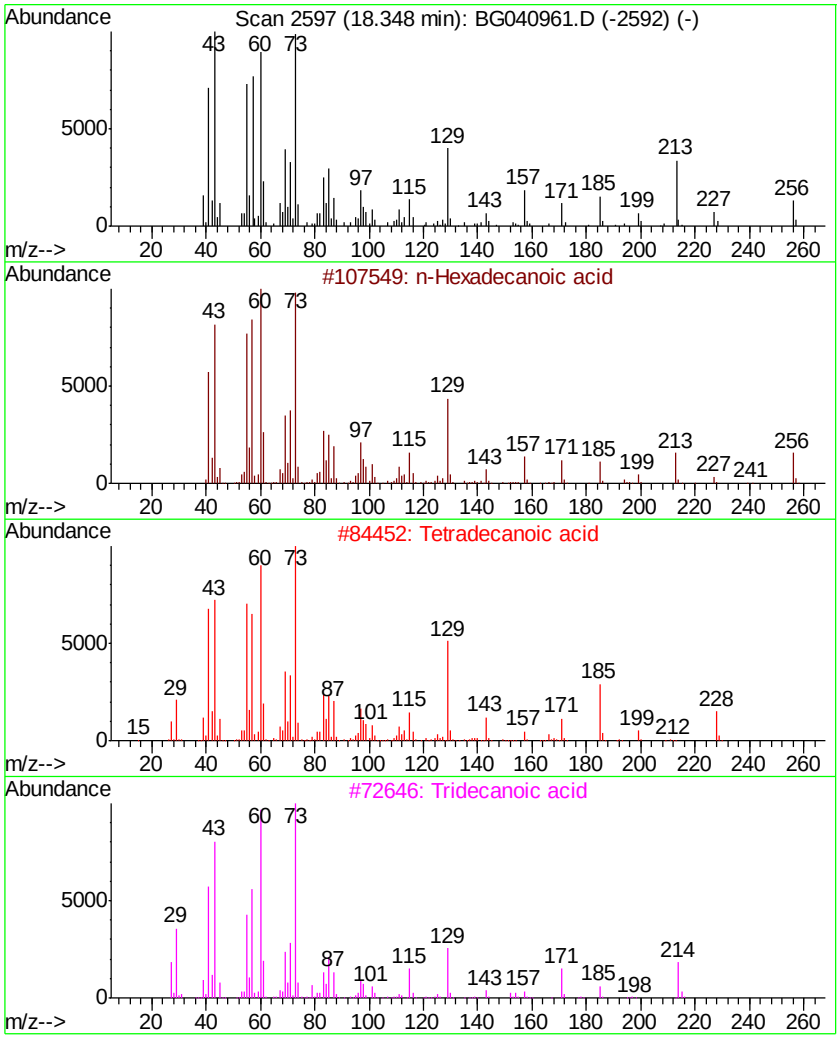
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

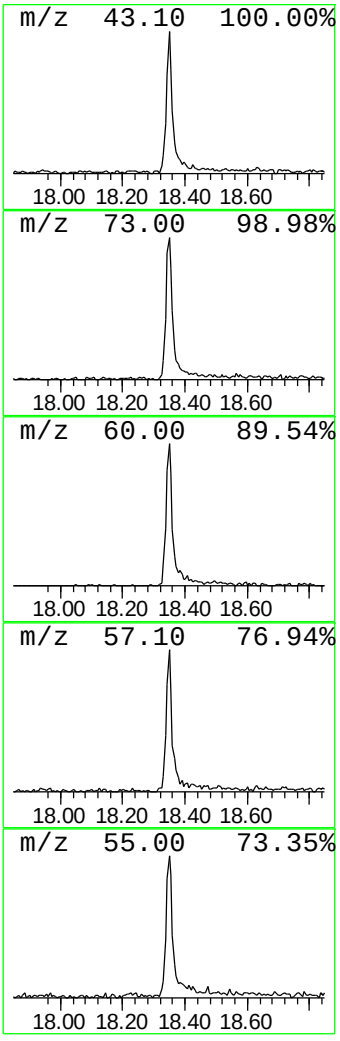
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	6.36 ng	372675	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

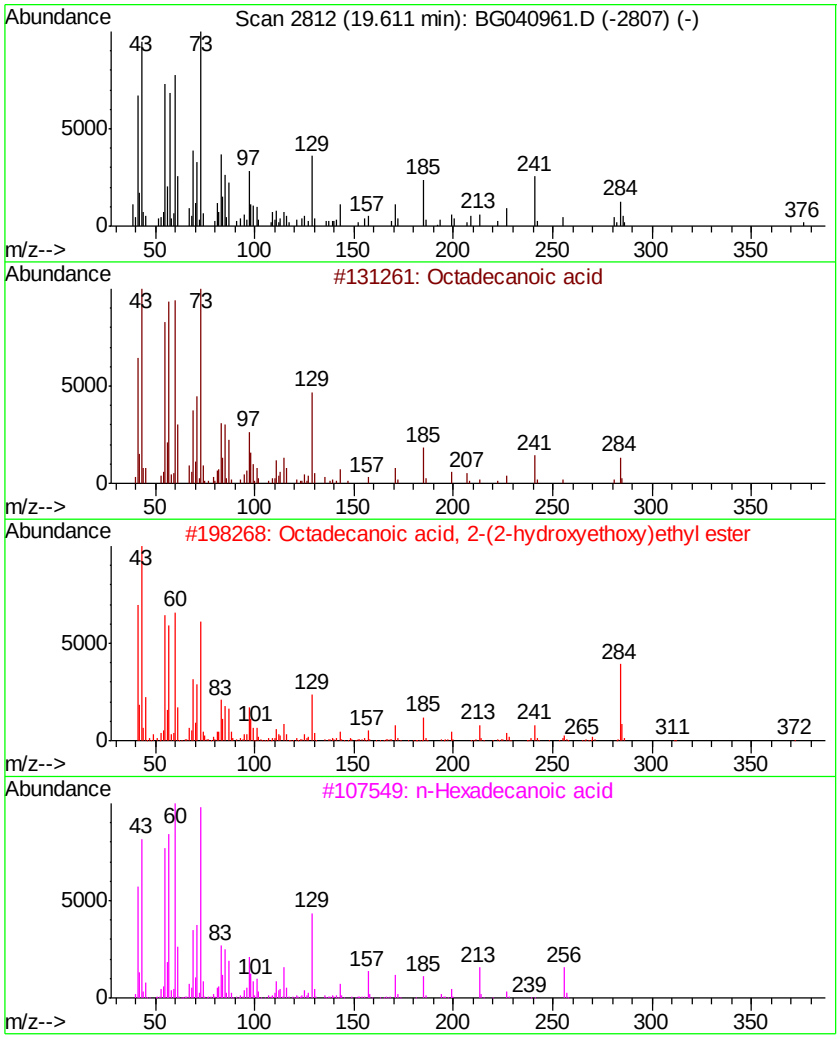
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

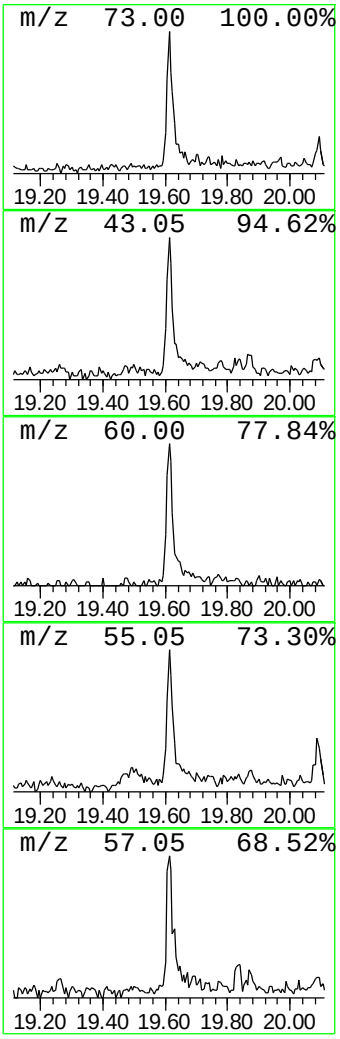
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.90 ng	170043	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
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Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

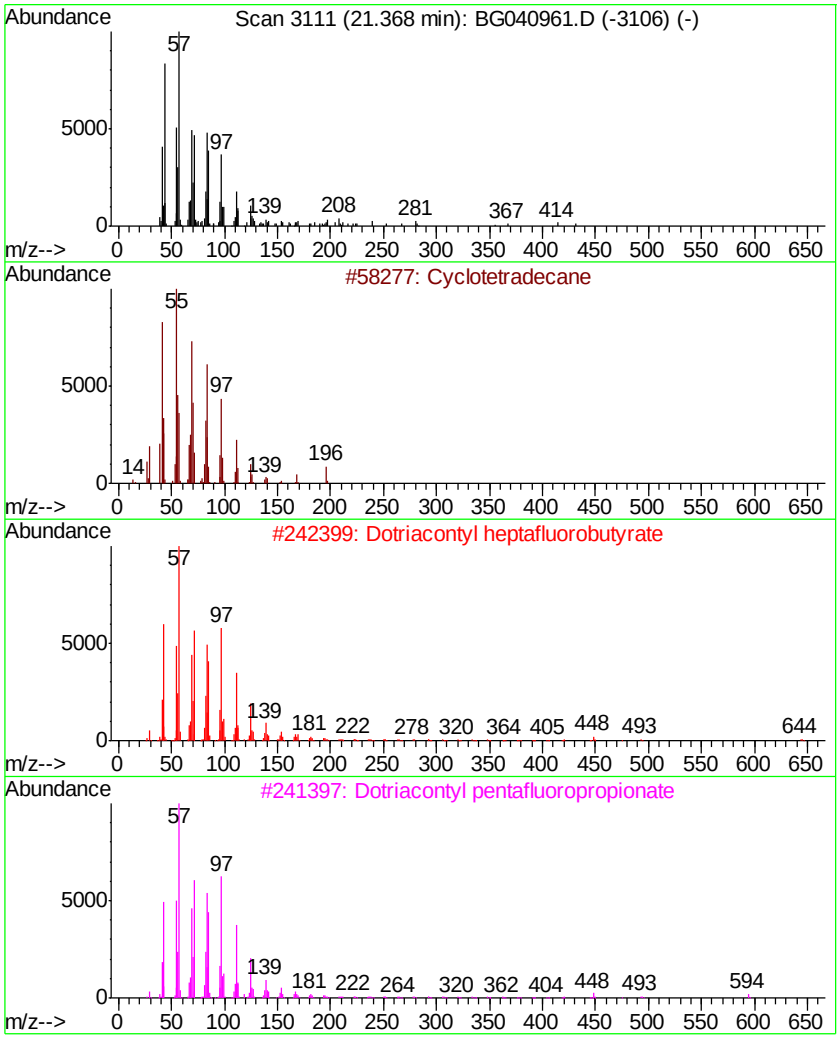
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

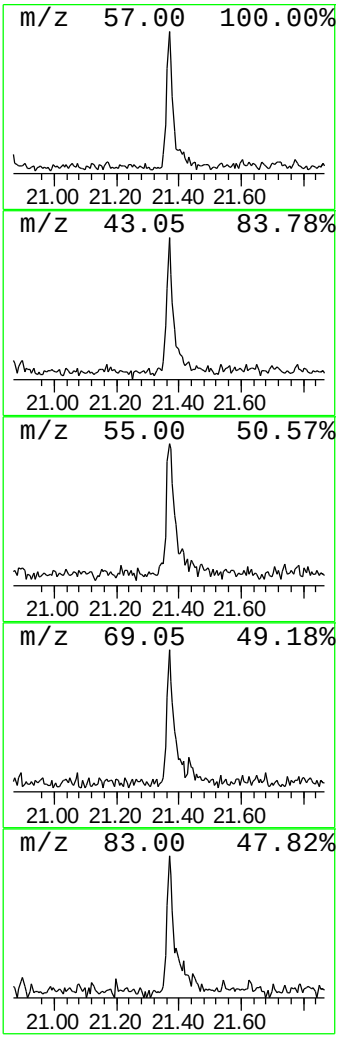
****

Peak Number 8 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.54 ng	180112	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	90
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	87
4	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	83
5	Trihexadecyl borate	735	C48H99BO3	002665-11-4	81





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Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

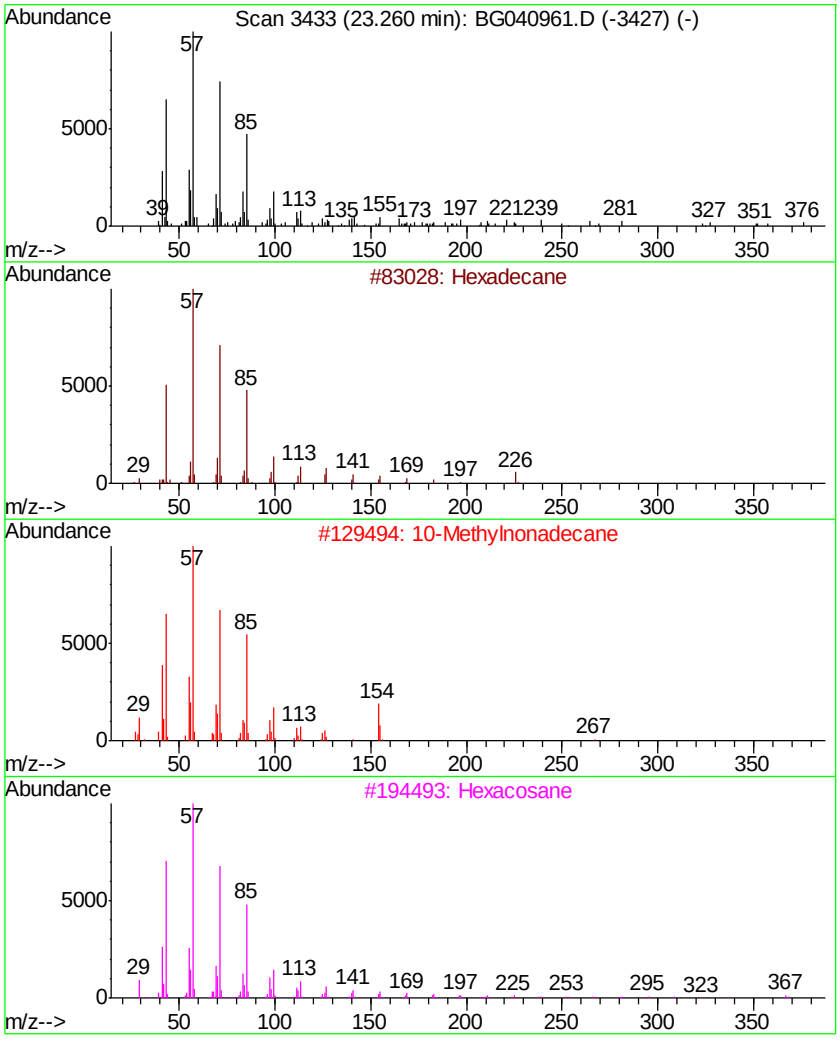
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

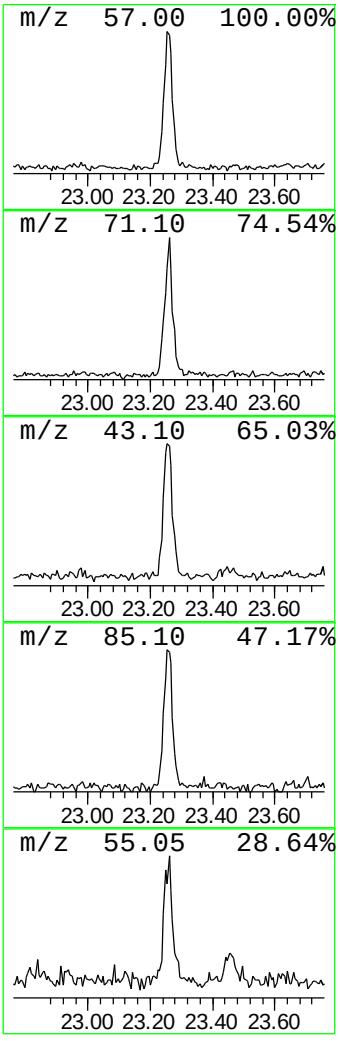
****

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.40 ng	170675	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Docosane	310	C22H46	000629-97-0	86
5	Triacontane	422	C30H62	000638-68-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

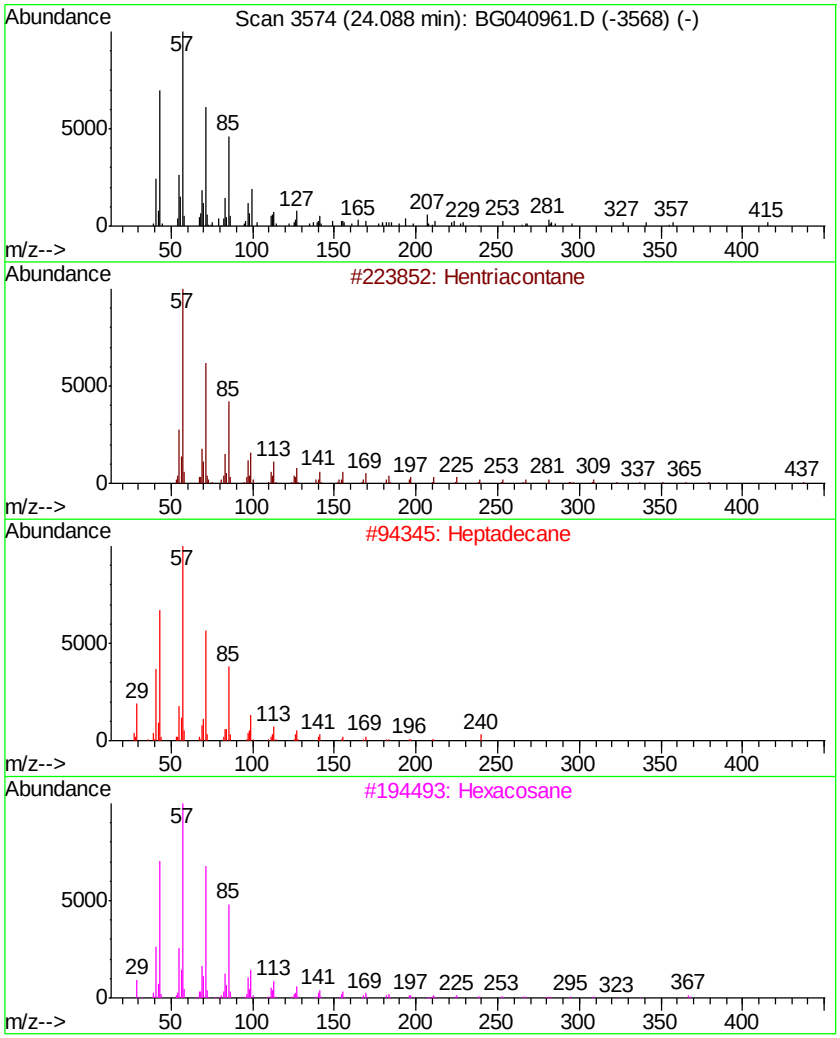
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

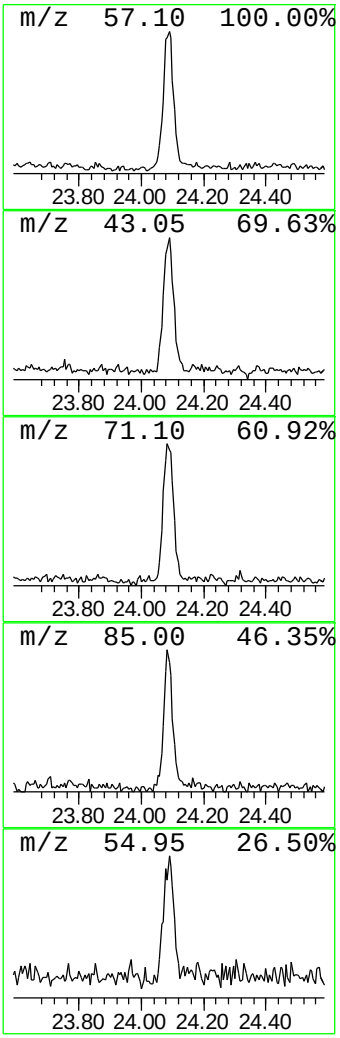
****

Peak Number 10 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.32 ng	169265	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Hexacosane	366	C26H54	000630-01-3	81
4	Octacosane	394	C28H58	000630-02-4	74
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053019\
Data File : BG040961.D
Acq On : 30 May 2019 22:05
Operator : HP/JU
Sample : K3084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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...	3.21	31.0	ng	655784	1	8.12	422707	20.0
unknown7.65	7.65	107.9	ng	2279790	1	8.12	422707	20.0
Resorcinol	11.96	2.4	ng	65770	2	10.95	545470	20.0
n-Hexadecanoic acid	18.35	6.4	ng	372675	4	17.50	1172570	20.0
Octadecanoic acid	19.61	2.9	ng	170043	4	17.50	1172570	20.0
Cyclotetradecane	21.37	2.5	ng	180112	5	21.77	1420400	20.0
Hexadecane	23.26	2.4	ng	170675	5	21.77	1420400	20.0
Hentriacontane	24.09	2.3	ng	169265	6	25.11	1461110	20.0