LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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	3.136	4	8	17	rBV	81026	138136	4.19%	0.675%
2	3.213	17	21	32	rVB	151114	225855	6.85%	1.104%
3	5.657	430	437	448	rBV	743958	1209176	36.69%	5.911%
4	7.267	703	711	723	rBV	856632	1442692	43.77%	7.052%
5	7.655	767	777	784	rBV	768941	1325195	40.21%	6.478%
6	8.131	851	858	870	rBV	191830	331535	10.06%	1.621%
7	8.448	905	912	922	rBV	518204	930706	28.24%	4.550%
8	9.306	1050	1058	1069	rBV	508406	888078	26.94%	4.341%
9	10.951	1331	1338	1347	rBV	264628	466084	14.14%	2.278%
10	13.383	1745	1752	1761	rBV	1346982	2091299	63.45%	10.223%
11	14.200	1884	1891	1899	rBV	157788	235780	7.15%	1.153%
12	14.758	1977	1986	1996	rVB2	465678	752136	22.82%	3.677%
13	16.239	2232	2238	2245	rBV	1334289	2060253	62.51%	10.071%
14	17.502	2447	2453	2460	rBV2	673392	1007205	30.56%	4.924%
15	18.354	2593	2598	2613	rBV	305723	474096	14.38%	2.318%
16	19.617	2809	2813	2825	rBV	175505	267826	8.13%	1.309%
17	20.093	2888	2894	2902	rBV	2483655	3295937	100.00%	16.112%
18	21.380	3108	3113	3128	rBV2	154268	287955	8.74%	1.408%
19	21.779	3174	3181	3192	rBV2	684169	1165017	35.35%	5.695%
20	21.938	3203	3208	3213	rVB5	23953	36331	1.10%	0.178%
21	22.555	3305	3313	3317	rBV2	44469	78634	2.39%	0.384%
22	23.272	3428	3435	3443	rVB3	62137	127652	3.87%	0.624%
23	24.100	3570	3576	3587	rVB2	66855	150382	4.56%	0.735%
24	25.122	3737	3750	3765	rVB2	376514	1278633	38.79%	6.250%
25	26.256	3936	3943	3956	rVB7	40101	128993	3.91%	0.631%
26	27.672	4177	4184	4195	rVB9	19150	60997	1.85%	0.298%

Sum of corrected areas: 20456583

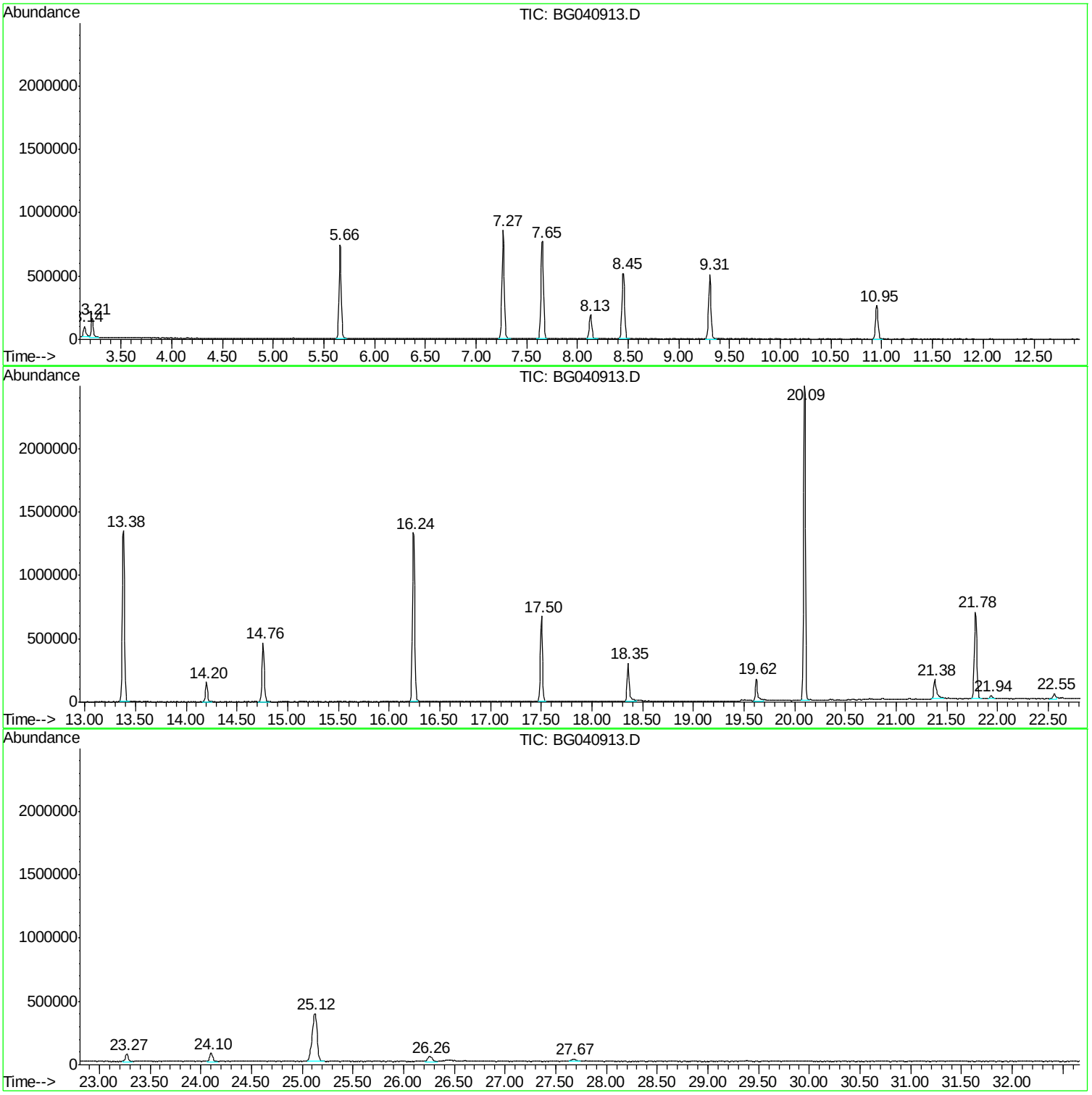
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

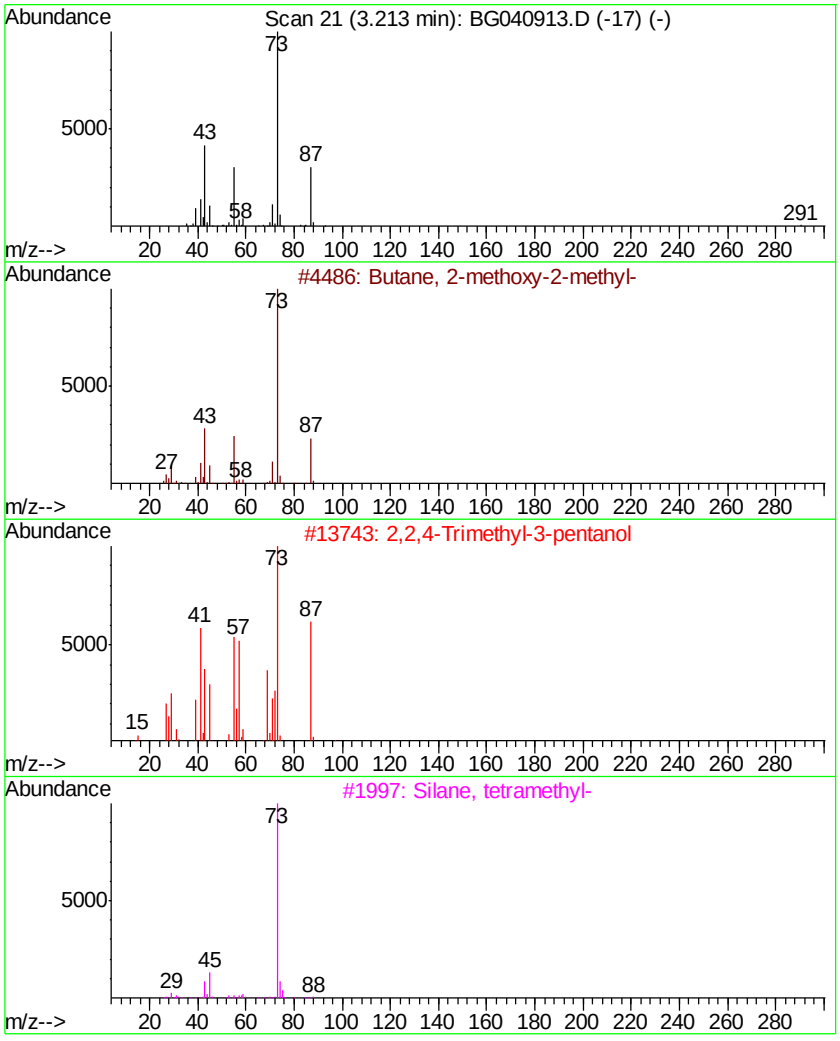
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

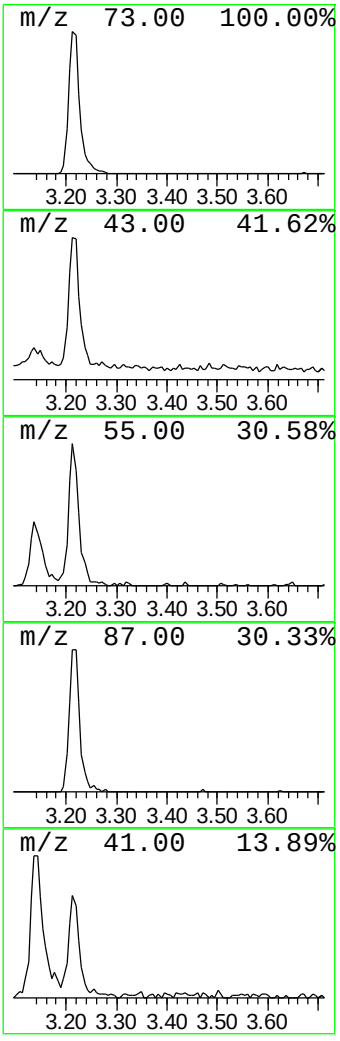
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	13.62 ng	225855	1,4-Dichlorobenzene-d4	8.13

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	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

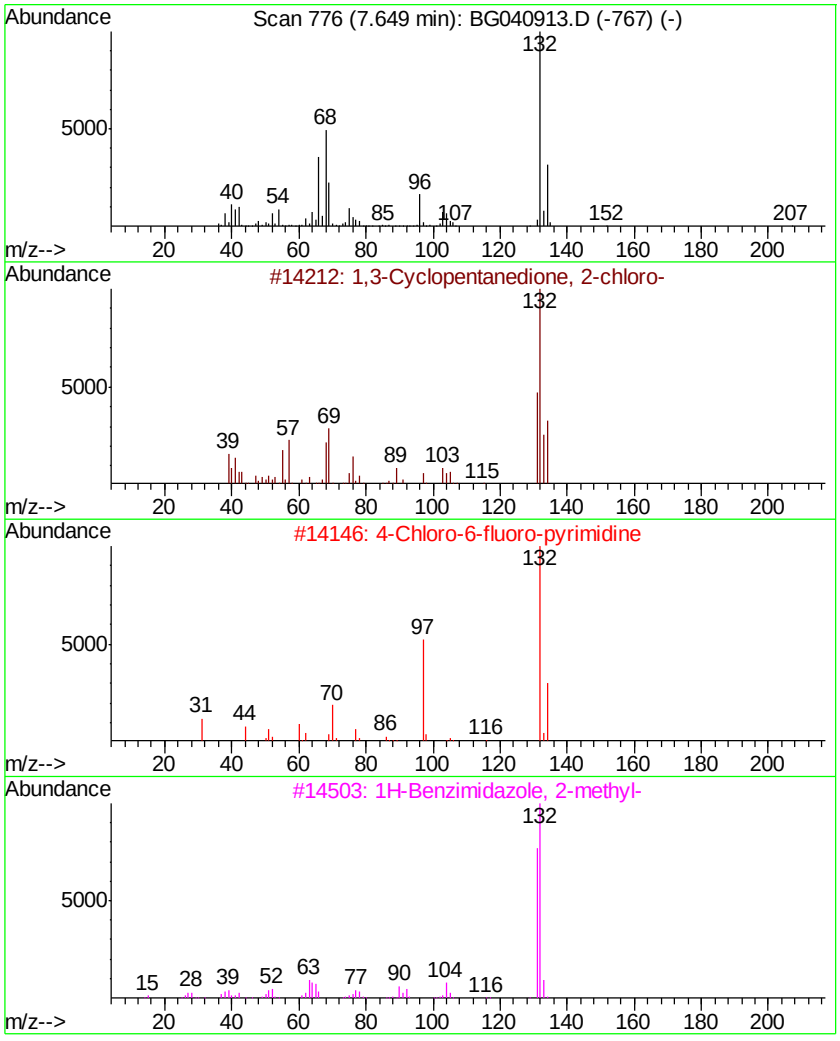
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

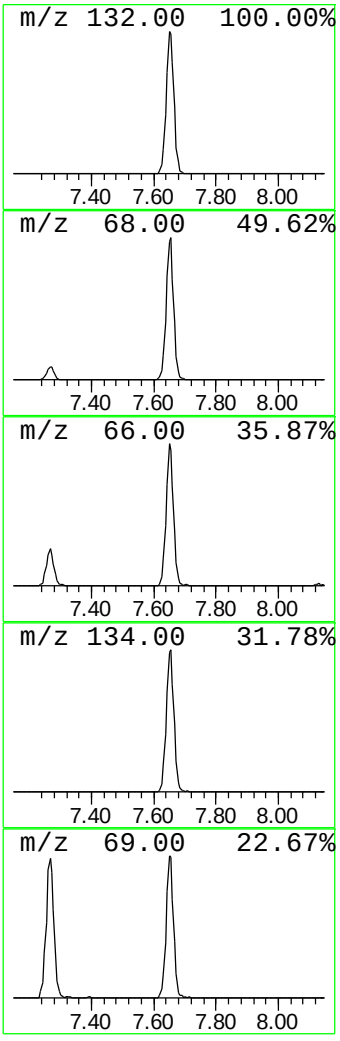
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	79.94 ng	1325200	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

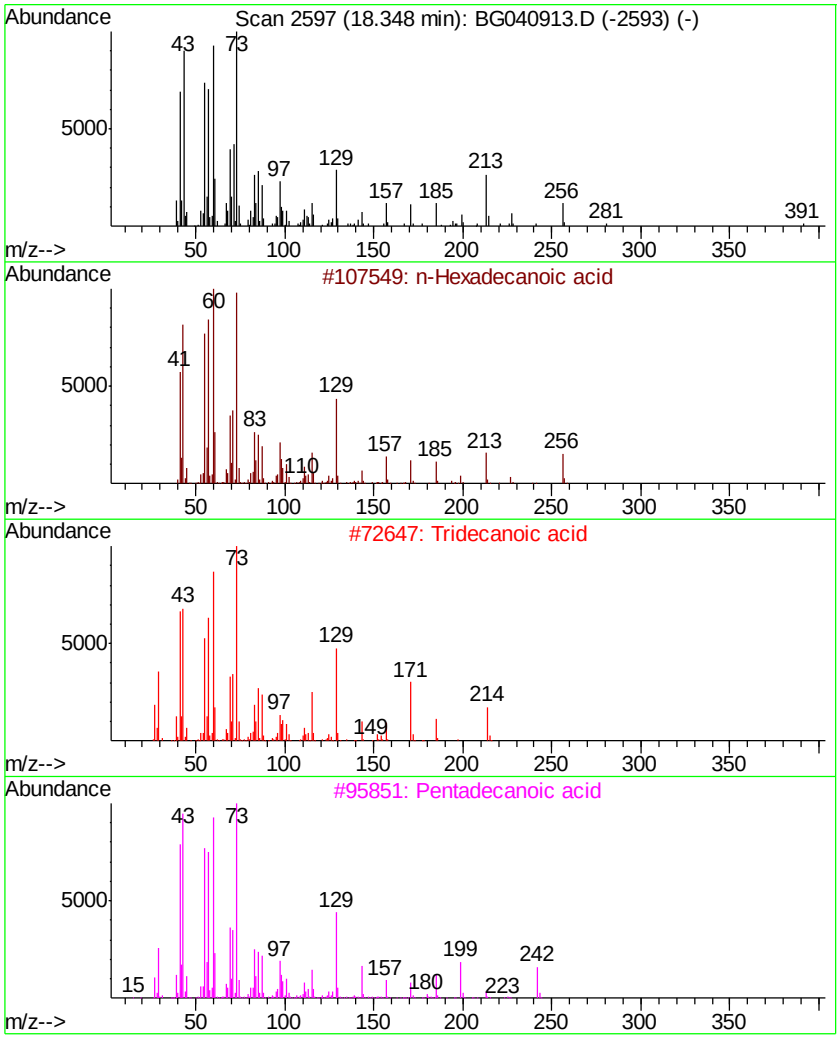
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

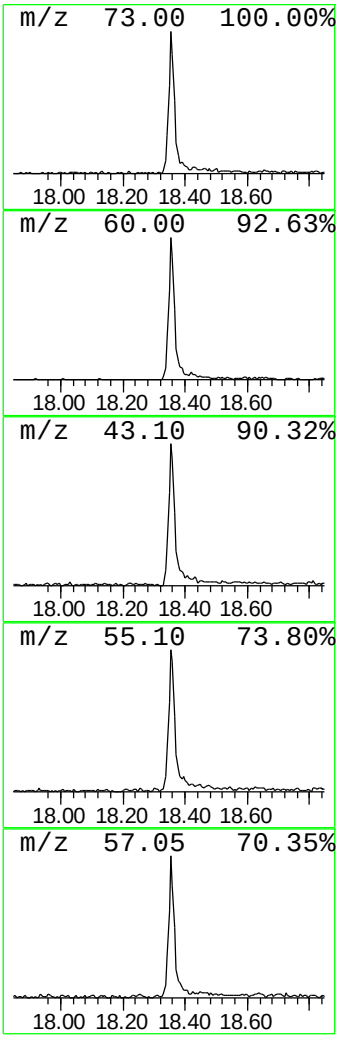
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	9.41 ng	474096	Phenanthrene-d10	17.50

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

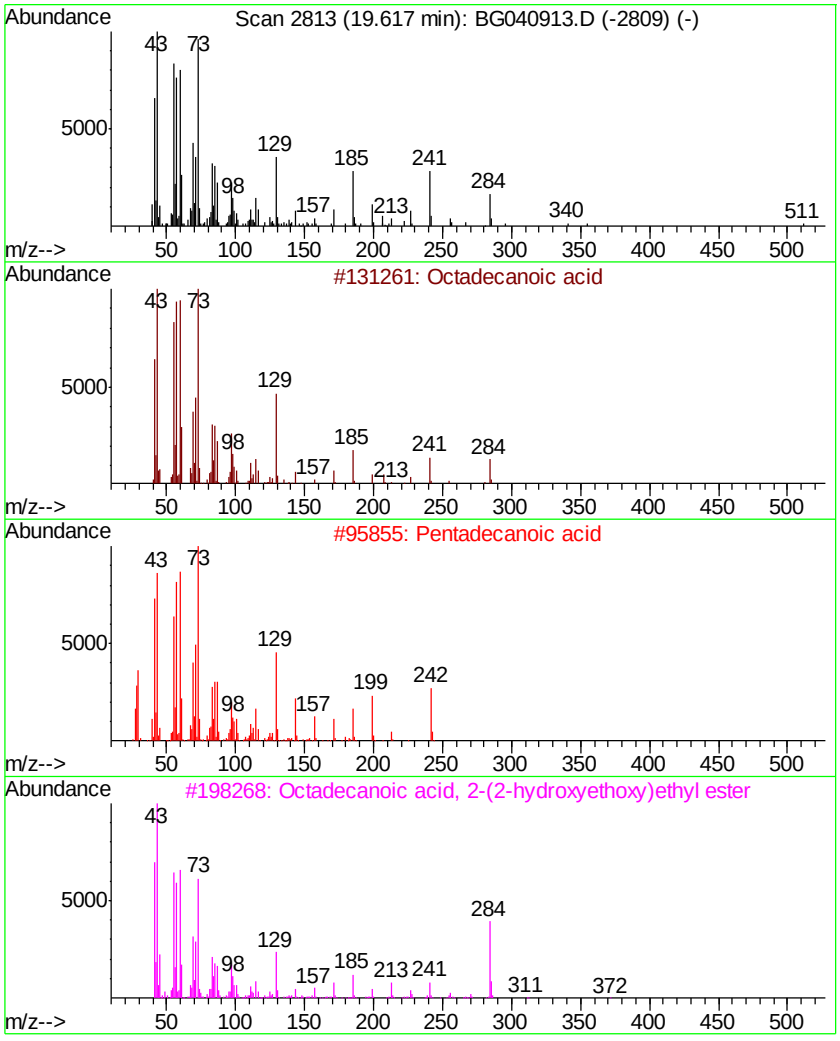
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

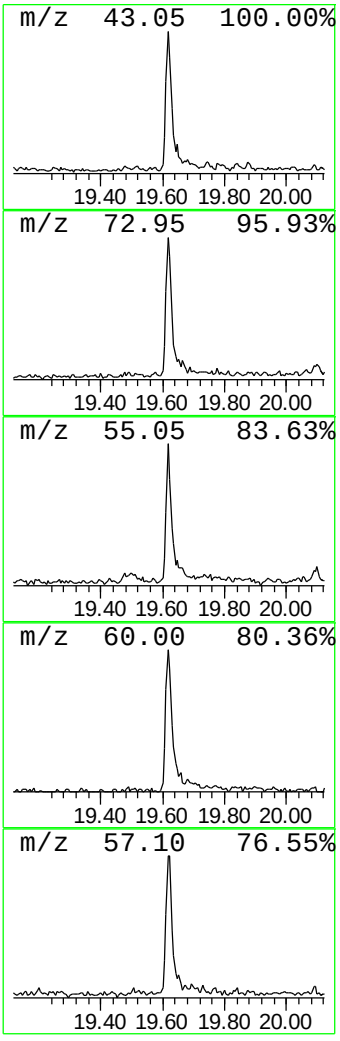
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	5.32 ng	267826	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Docosanoic acid	340	C22H44O2	000112-85-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

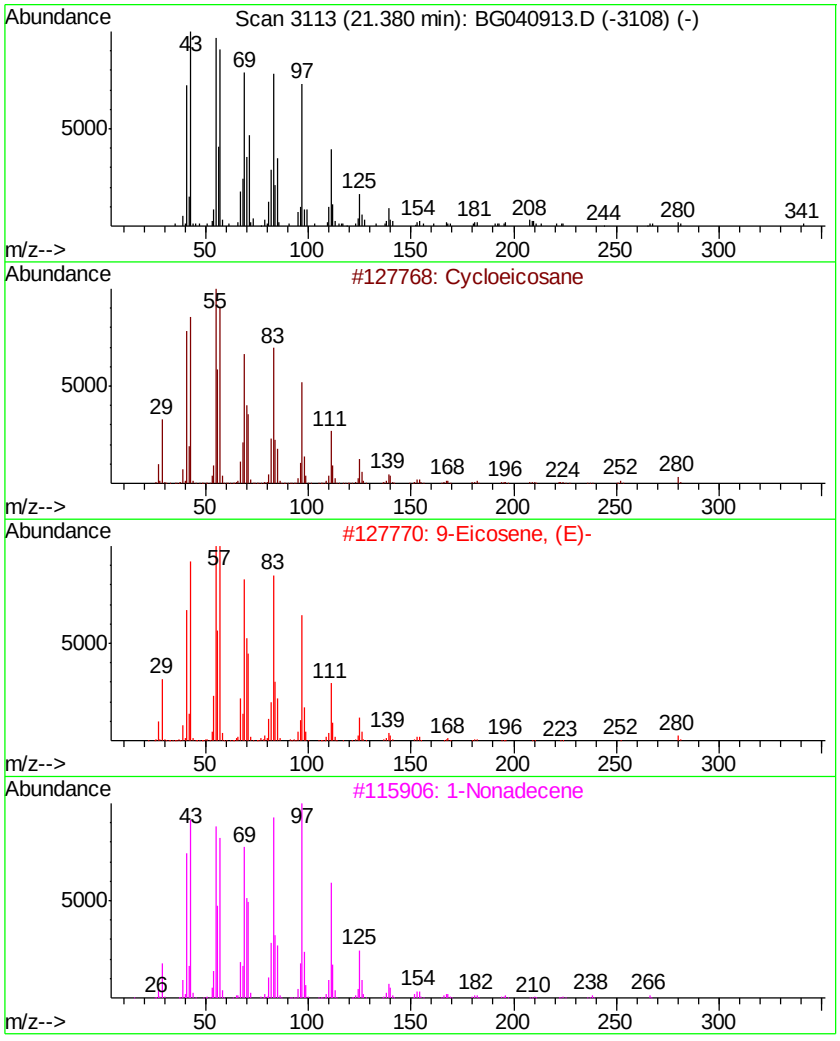
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

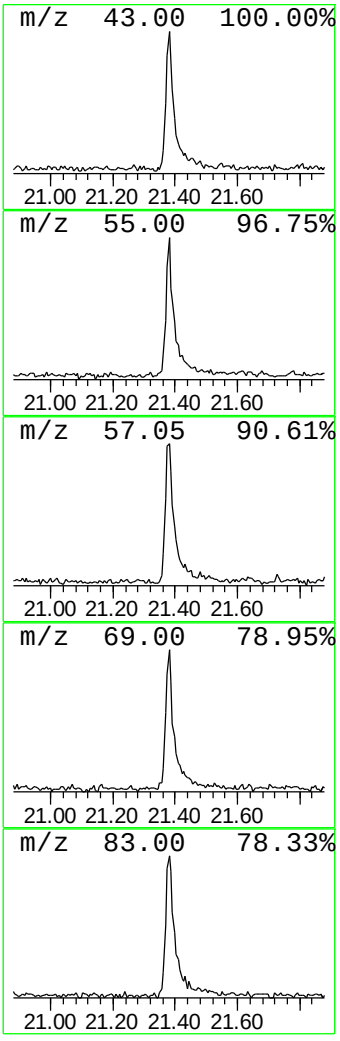
****

Peak Number 7 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	4.94 ng	287955	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	1-Nonadecene	266	C19H38	018435-45-5	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

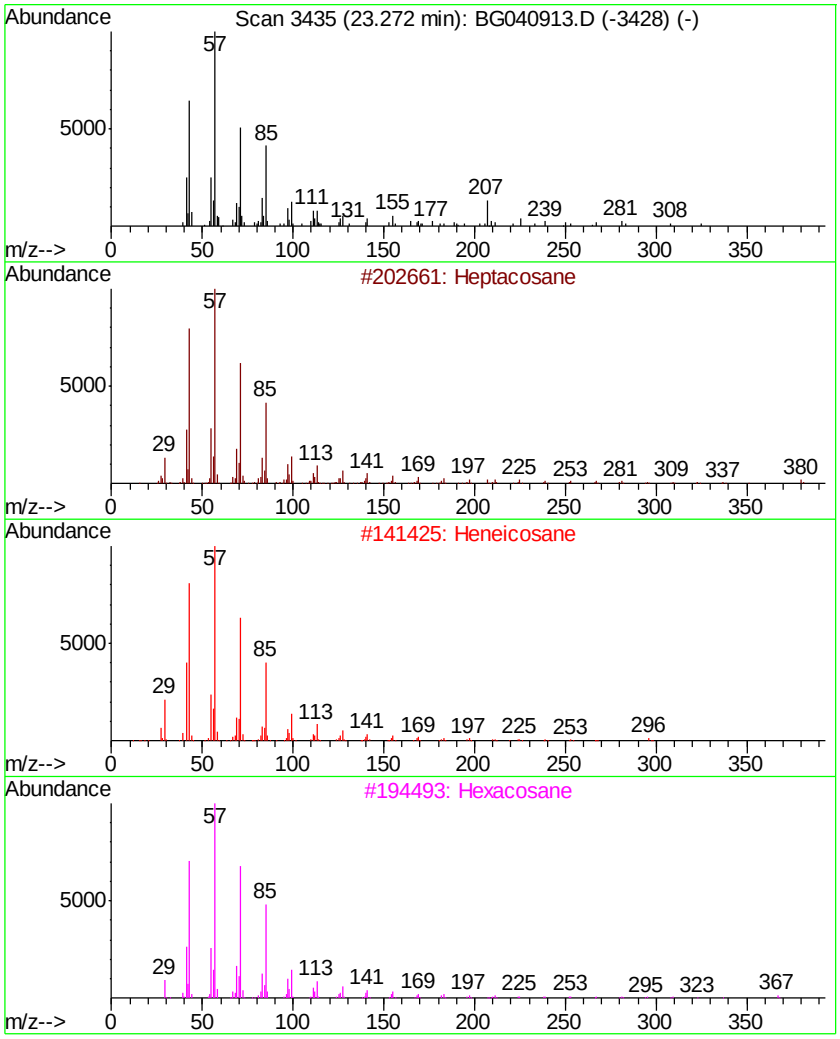
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

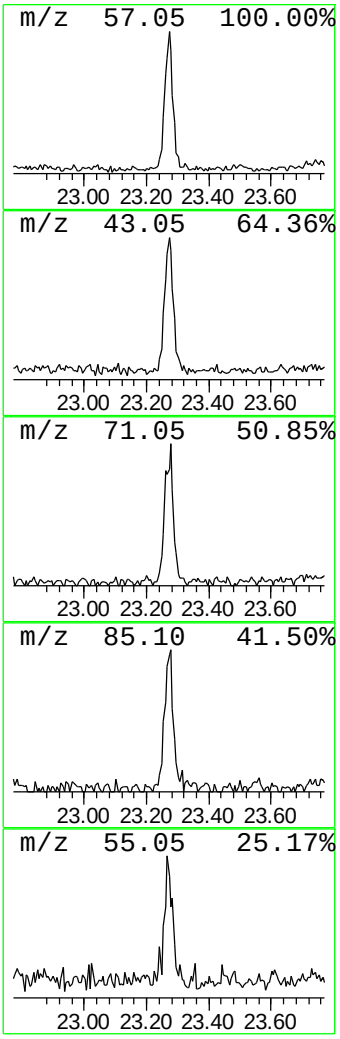
****

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	2.19 ng	127652	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

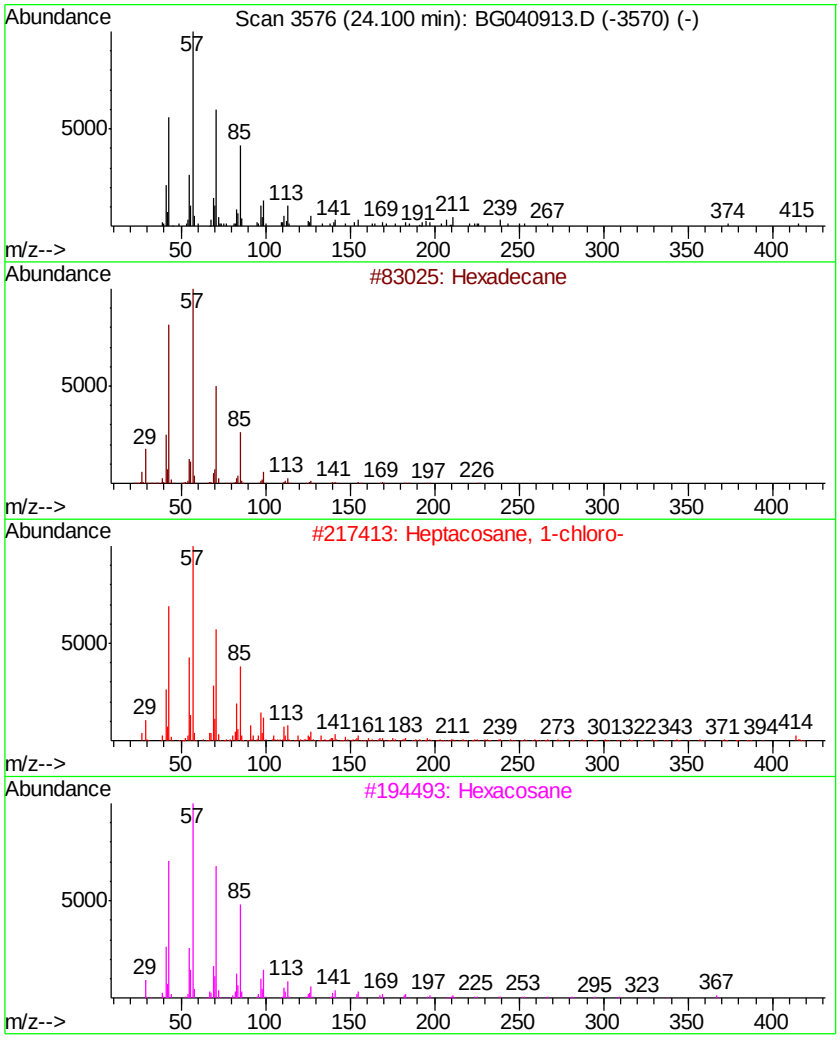
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

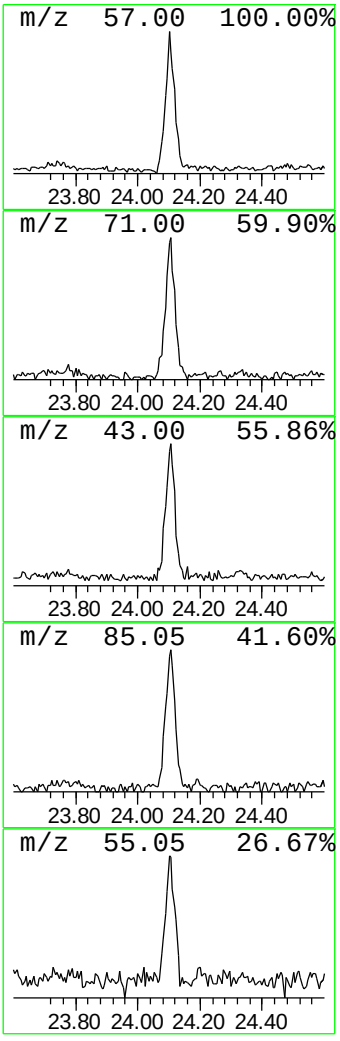
****

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.35 ng	150382	Perylene-d12	25.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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

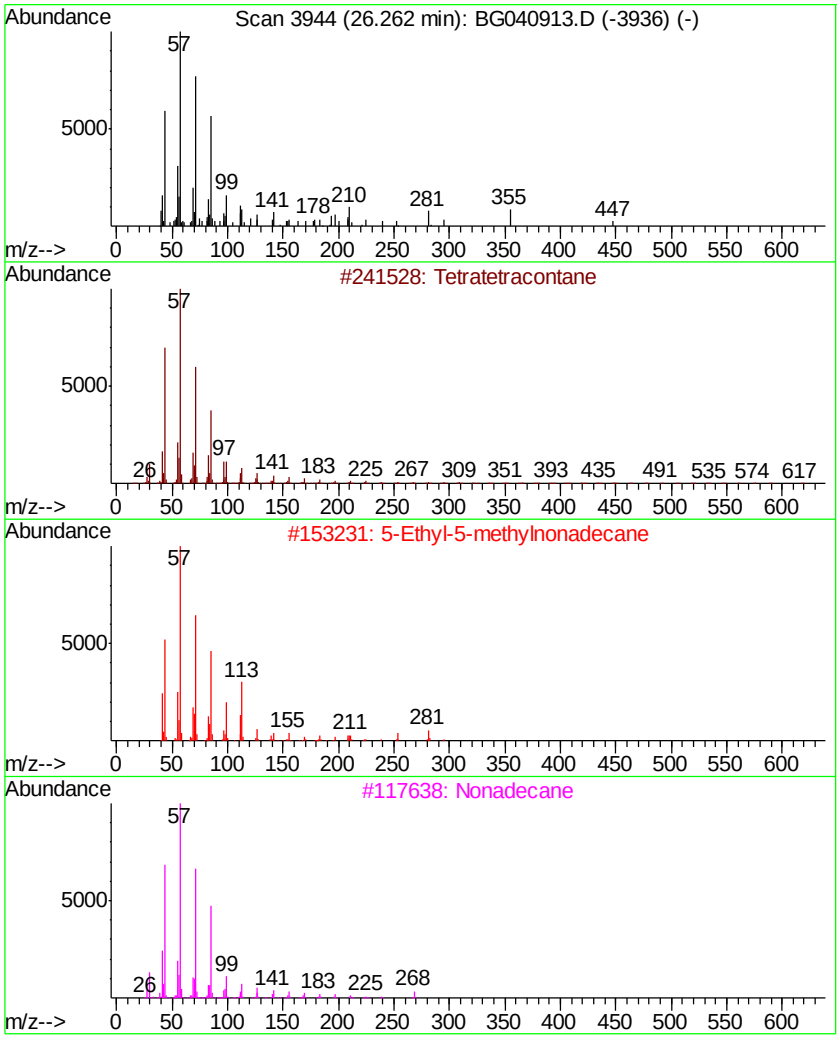
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

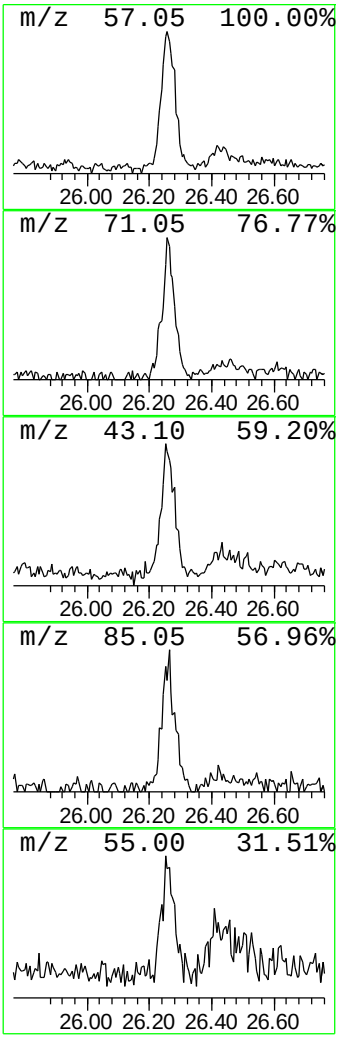
****

Peak Number 10 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.26	2.02 ng	128993	Perylene-d12	25.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	80
2	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80
3	Nonadecane	268	C19H40	000629-92-5	76
4	Hexacosane	366	C26H54	000630-01-3	72
5	Octacosane	394	C28H58	000630-02-4	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
Data File : BG040913.D
Acq On : 13 May 2019 16:16
Operator : HP/JU
Sample : K2823-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B2

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...	3.21	13.6	ng	225855	1	8.13	331535	20.0
unknown7.65	7.65	79.9	ng	1325200	1	8.13	331535	20.0
n-Hexadecanoic acid	18.35	9.4	ng	474096	4	17.50	1007210	20.0
Octadecanoic acid	19.62	5.3	ng	267826	4	17.50	1007210	20.0
Cycloeicosane	21.38	4.9	ng	287955	5	21.78	1165020	20.0
Heptacosane	23.27	2.2	ng	127652	5	21.78	1165020	20.0
Hexadecane	24.10	2.4	ng	150382	6	25.12	1278630	20.0
Tetratetracontane	26.26	2.0	ng	128993	6	25.12	1278630	20.0