LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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	125718	212516	4.78%	0.845%
2	3.229	20	24	39	rVB	234328	329291	7.40%	1.309%
3	5.673	432	440	453	rBV	1046653	1662868	37.39%	6.610%
4	7.277	705	713	724	rBV	1135368	1989375	44.73%	7.908%
5	7.665	769	779	792	rBV	1092084	1815046	40.81%	7.215%
6	8.141	851	860	871	rVB	191306	331587	7.46%	1.318%
7	8.464	908	915	922	rBV	715088	1220686	27.45%	4.852%
8	9.316	1052	1060	1068	rBV	689169	1234236	27.75%	4.906%
9	10.961	1331	1340	1350	rBV	261327	473344	10.64%	1.882%
10	13.394	1747	1754	1764	rBV	1741220	2683460	60.34%	10.667%
11	14.210	1885	1893	1899	rBV	295996	423548	9.52%	1.684%
12	14.769	1981	1988	1996	rBV2	488088	773436	17.39%	3.074%
13	16.255	2234	2241	2256	rBV	1748061	2691350	60.51%	10.698%
14	17.512	2447	2455	2463	rBV2	719959	1065002	23.95%	4.233%
15	18.364	2593	2600	2613	rBV2	198861	337179	7.58%	1.340%
16	19.628	2811	2815	2825	rBV4	63082	103632	2.33%	0.412%
17	20.109	2890	2897	2906	rBV	3389904	4447553	100.00%	17.679%
18	20.879	3020	3028	3031	rBV2	38220	52551	1.18%	0.209%
19	21.425	3110	3121	3132	rBV6	121459	499293	11.23%	1.985%
20	21.796	3177	3184	3198	rBV2	620256	1099797	24.73%	4.372%
21	21.954	3206	3211	3216	rVB2	46887	69868	1.57%	0.278%
22	22.577	3311	3317	3323	rBV2	56904	88485	1.99%	0.352%
23	23.294	3433	3439	3446	rBV3	59392	121398	2.73%	0.483%
24	23.664	3494	3502	3508	rBV9	19720	49225	1.11%	0.196%
25	24.134	3574	3582	3590	rVB3	98814	211907	4.76%	0.842%
26	25.150	3742	3755	3773	rBV2	278063	1046427	23.53%	4.160%
27	26.296	3943	3950	3963	rVB5	38509	124458	2.80%	0.495%

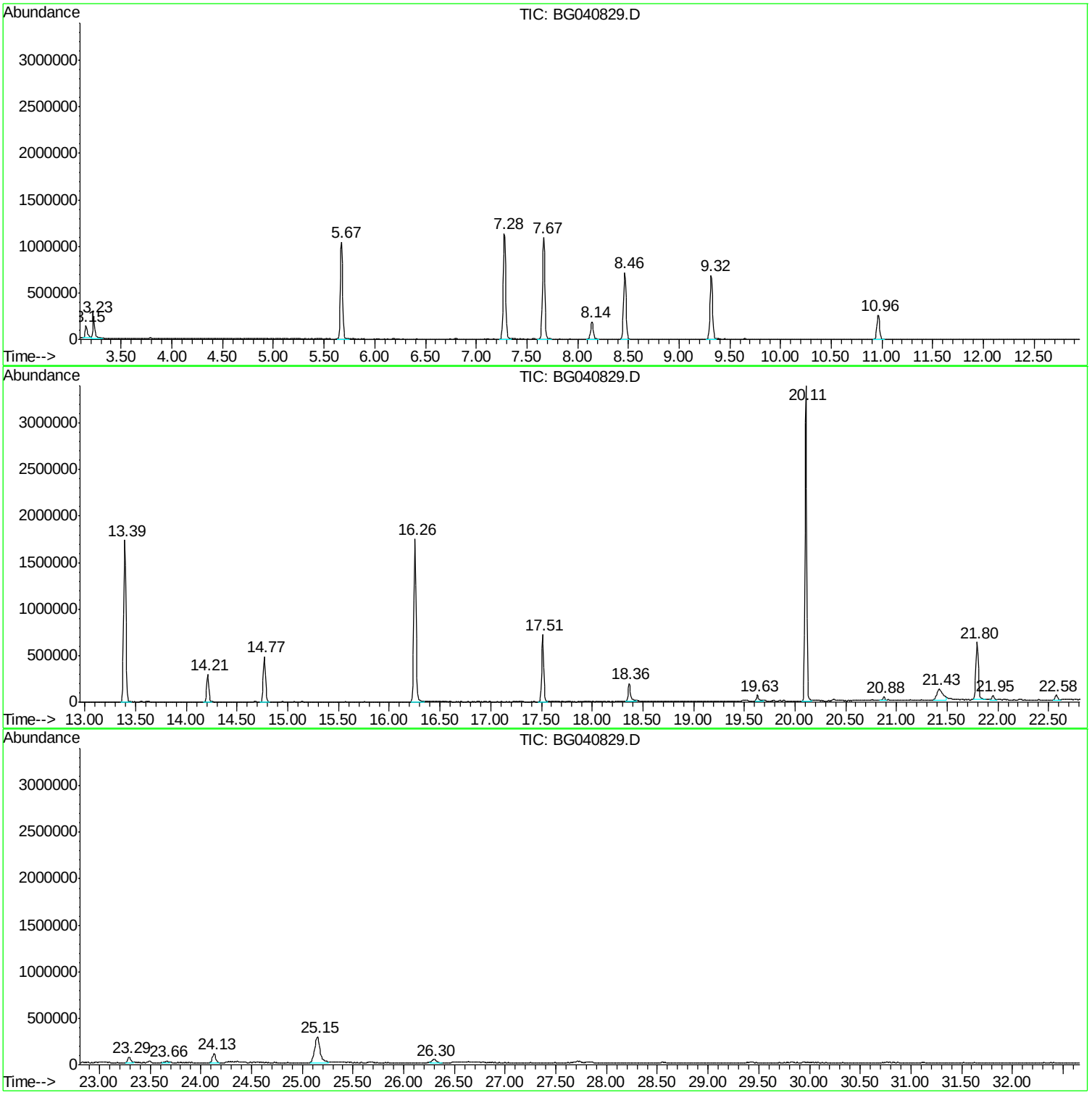
Sum of corrected areas: 25157518

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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

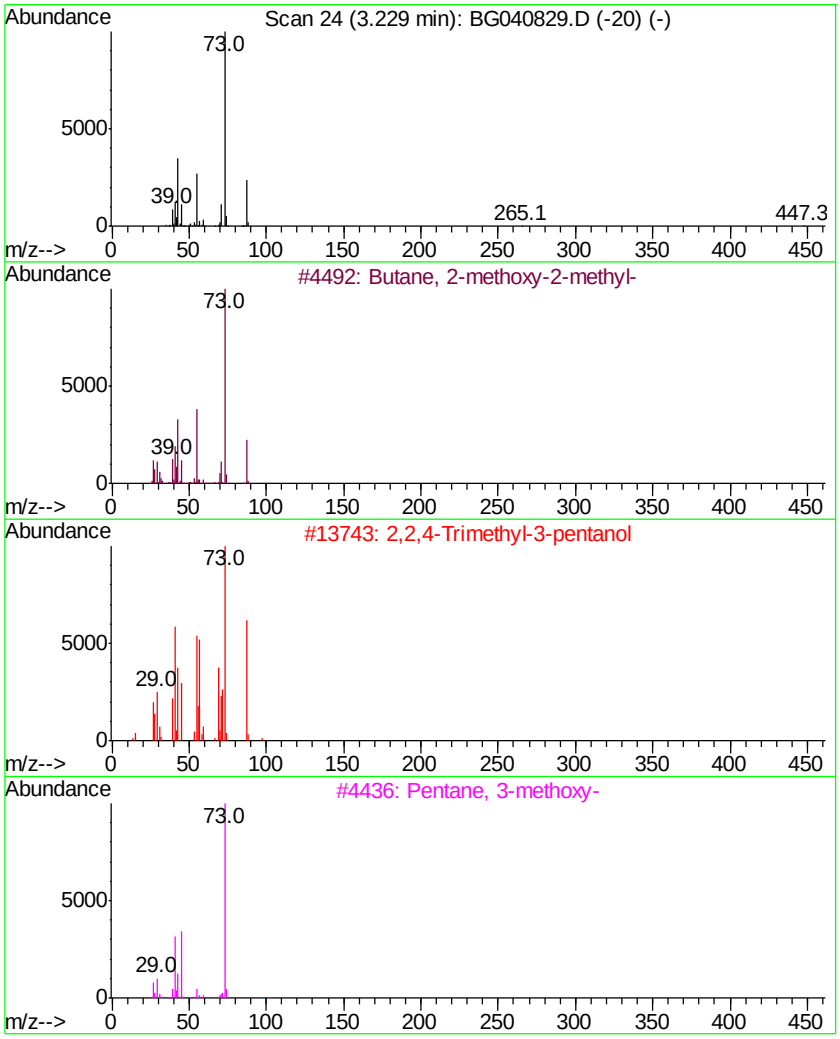
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

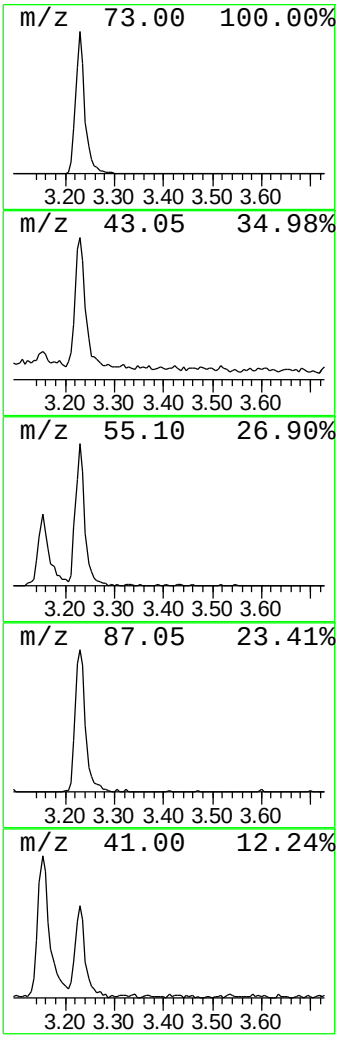
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	19.86 ng	329291	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	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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

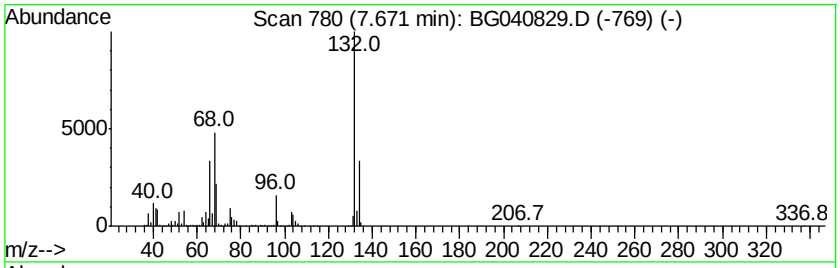
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

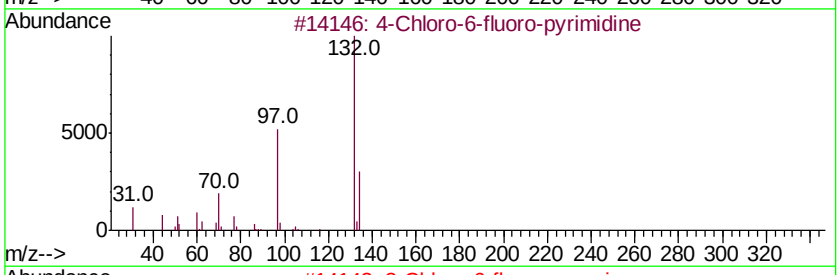
****

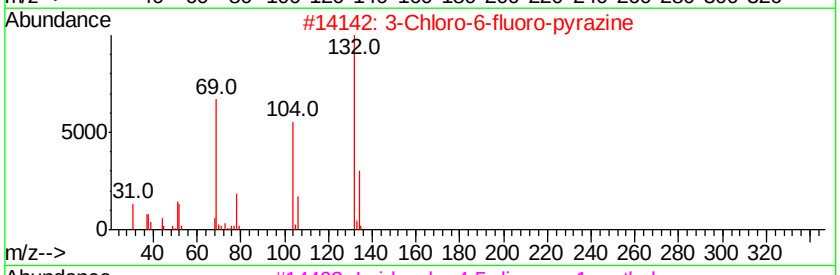
Peak Number 3 unknown7.67 Concentration Rank 1

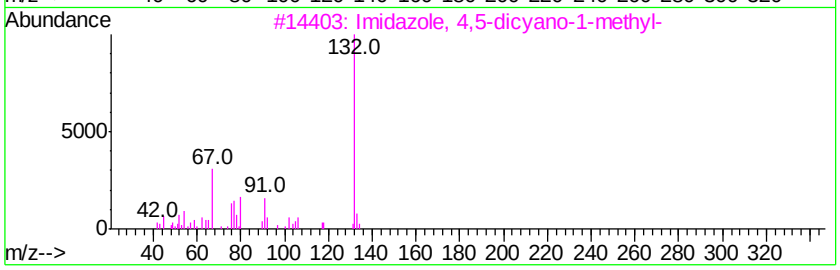
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	109.48 ng	1815050	1,4-Dichlorobenzene-d4	8.14

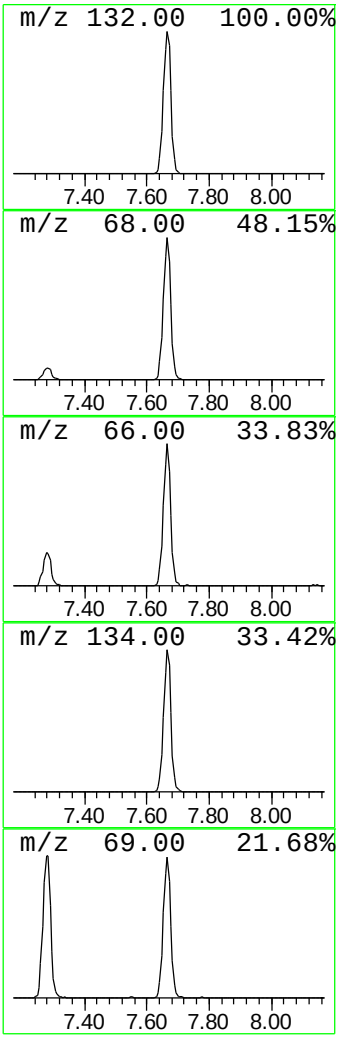
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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

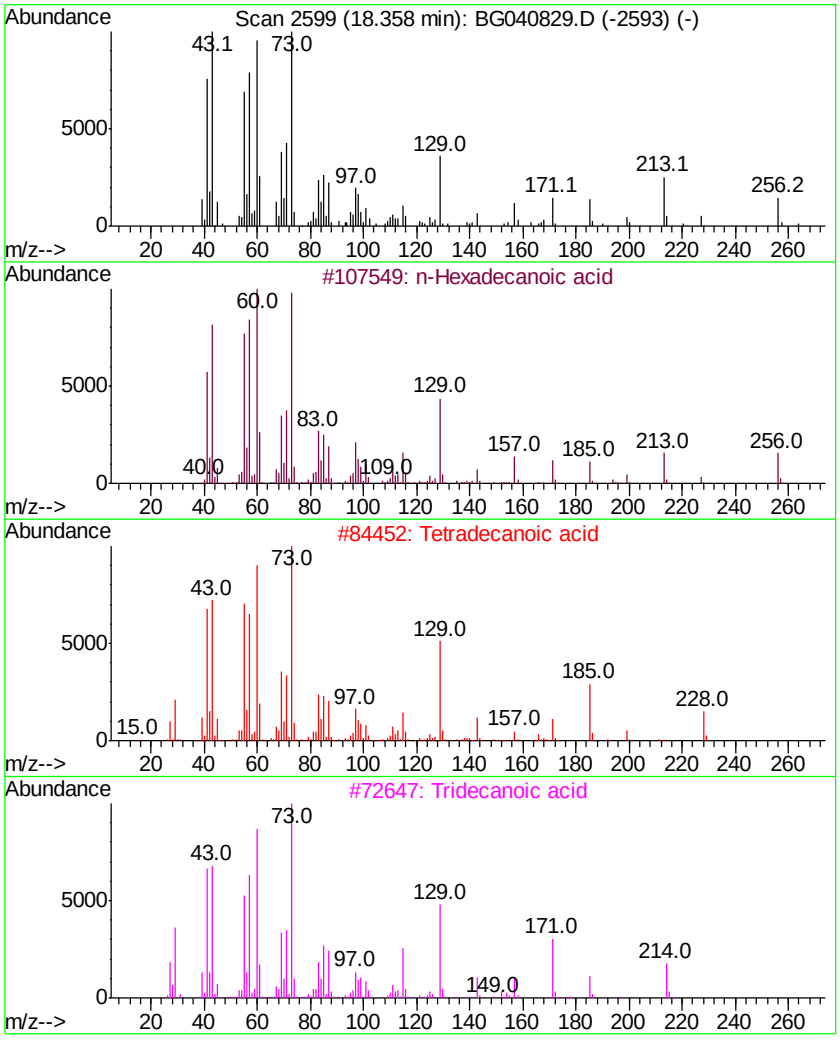
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

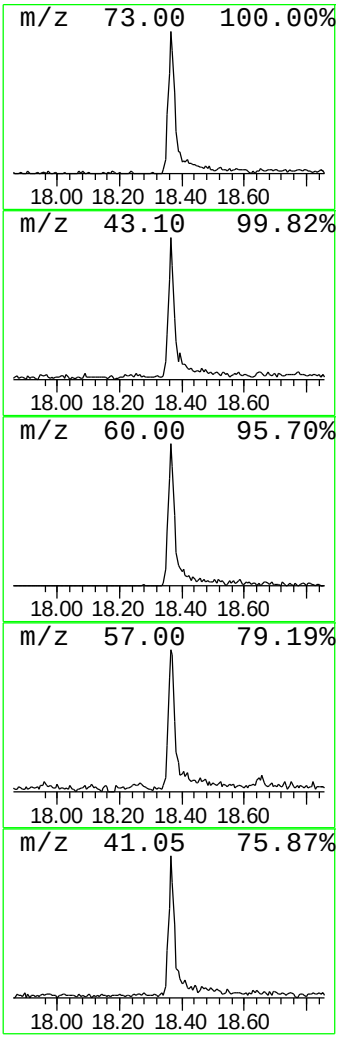
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	6.33 ng	337179	Phenanthrene-d10	17.51

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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

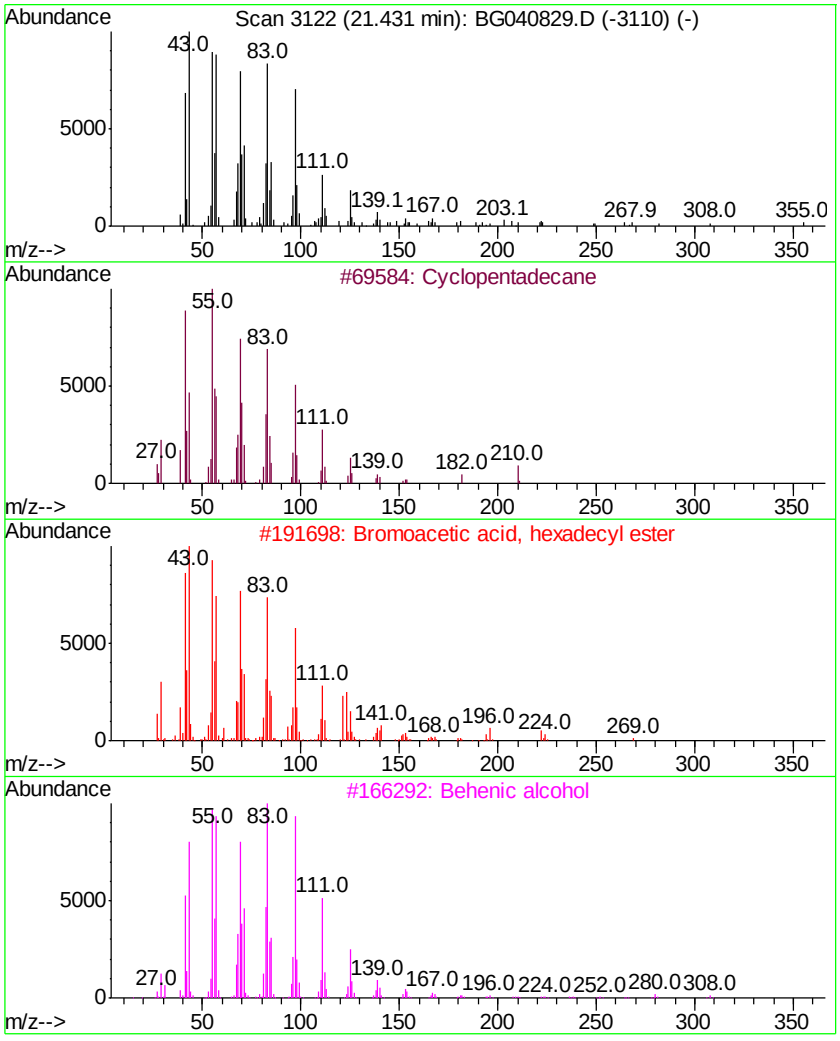
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

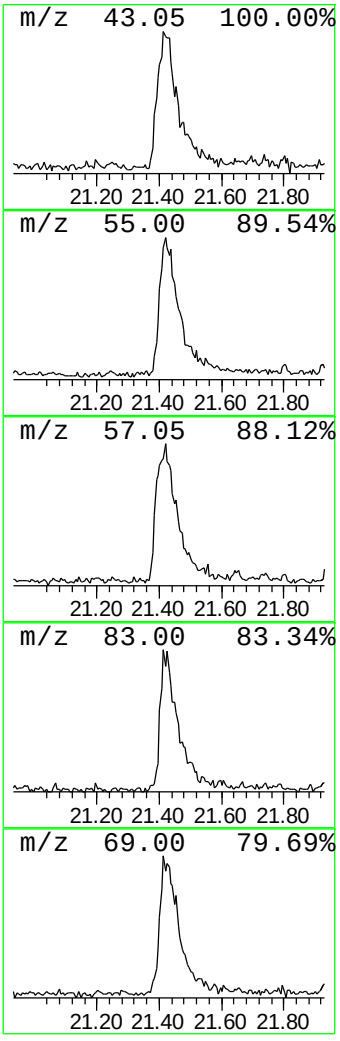
****

Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	9.08 ng	499293	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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

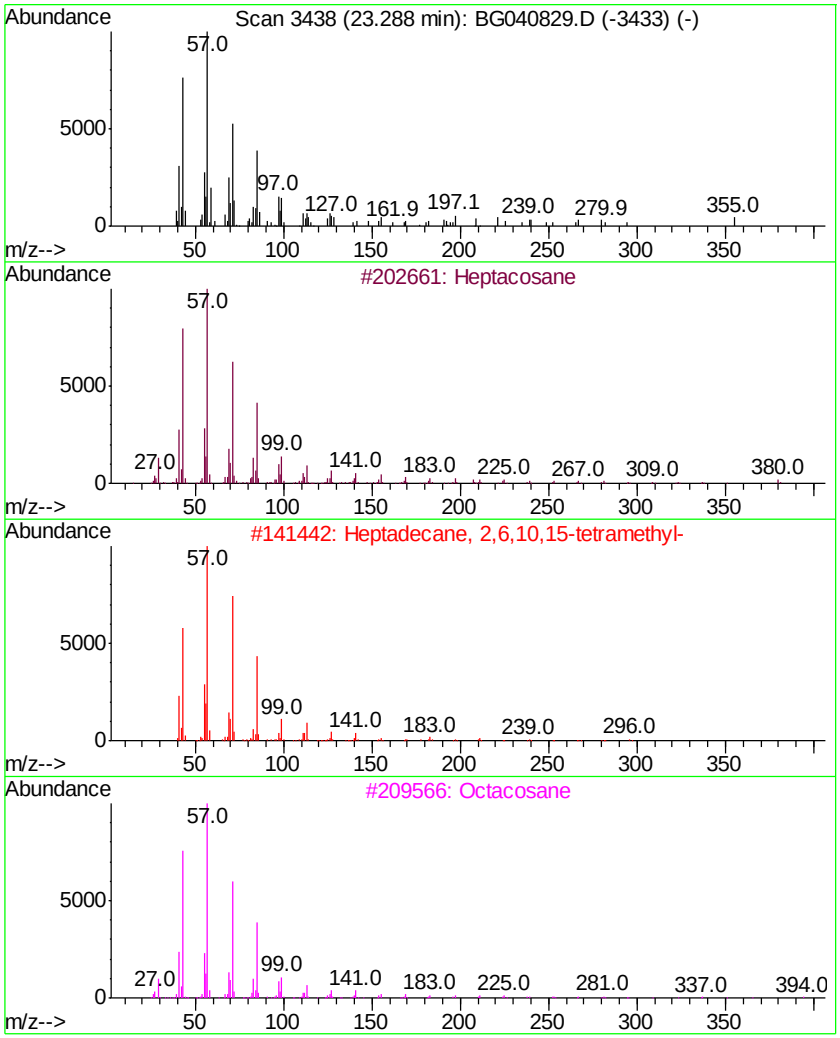
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

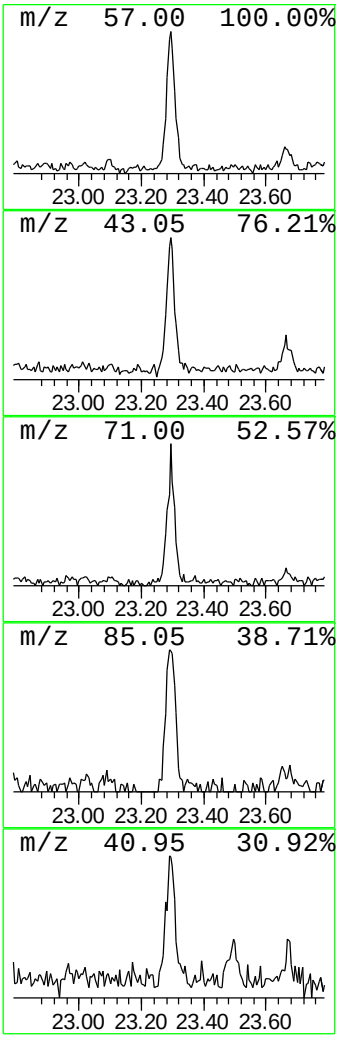
****

Peak Number 7 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.21 ng	121398	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	74
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Octacosane	394	C28H58	000630-02-4	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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

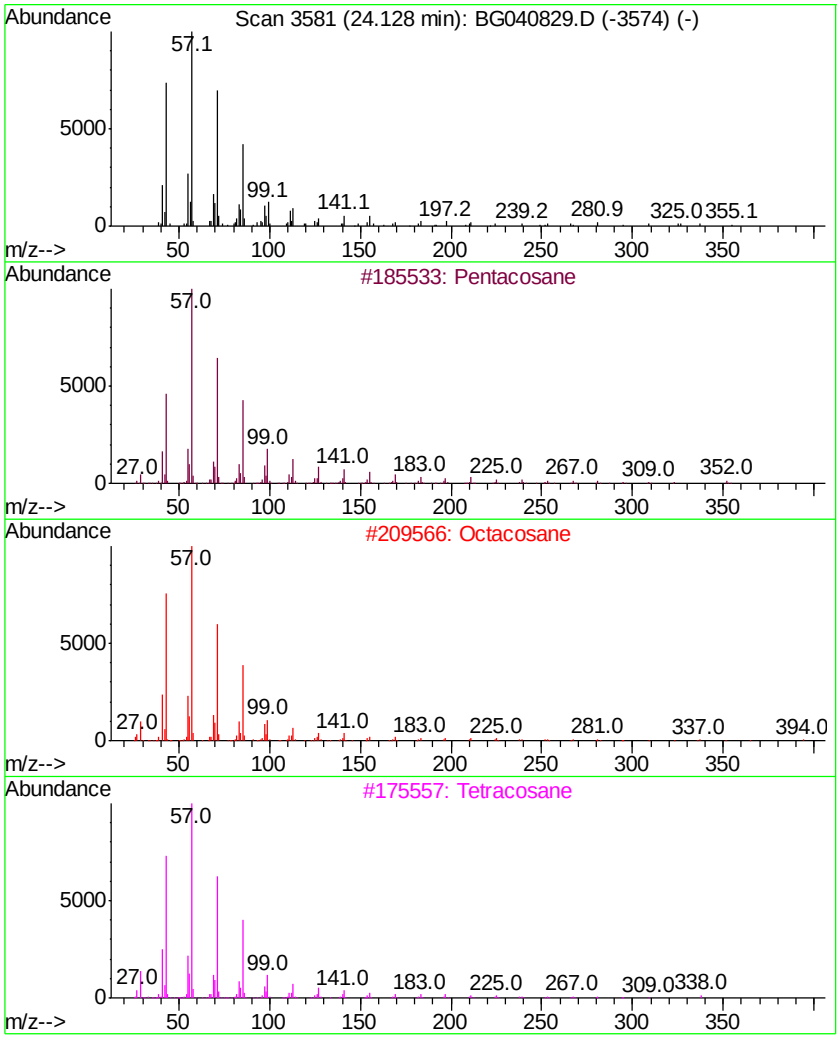
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

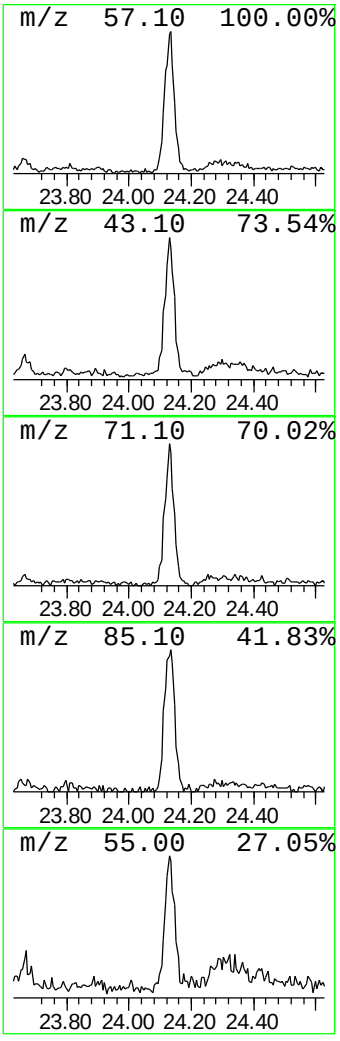
****

Peak Number 8 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	4.05 ng	211907	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Docosane	310	C22H46	000629-97-0	87
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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

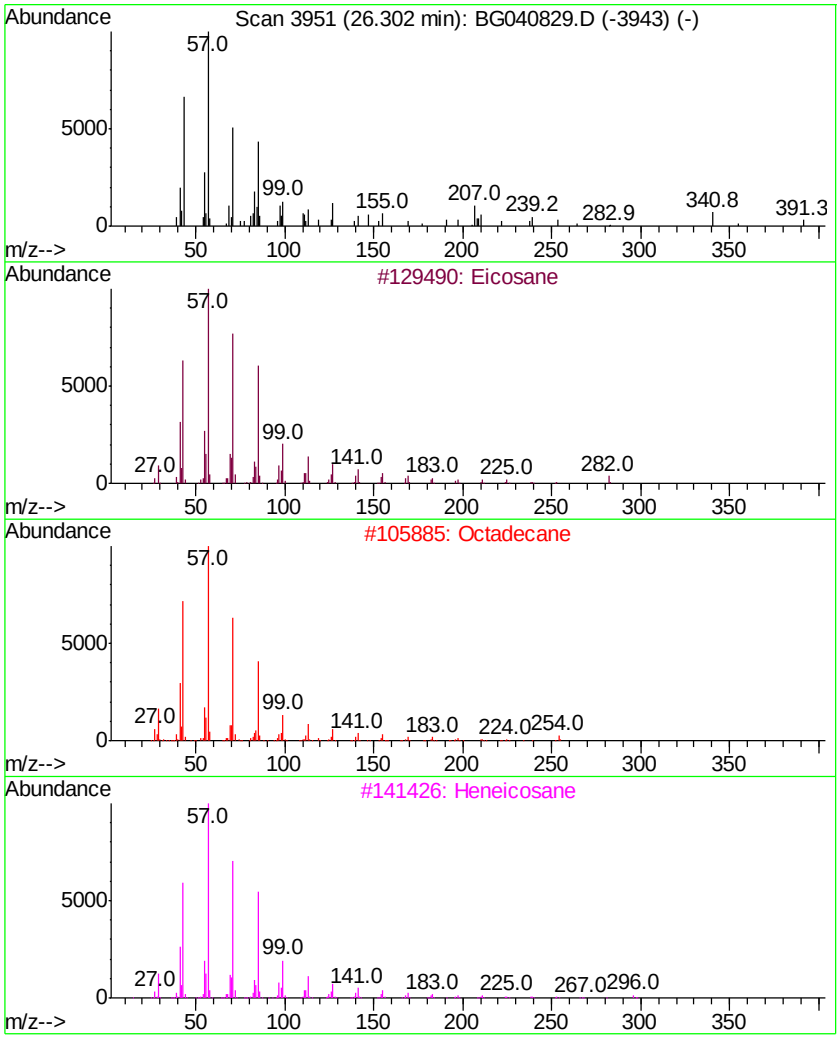
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

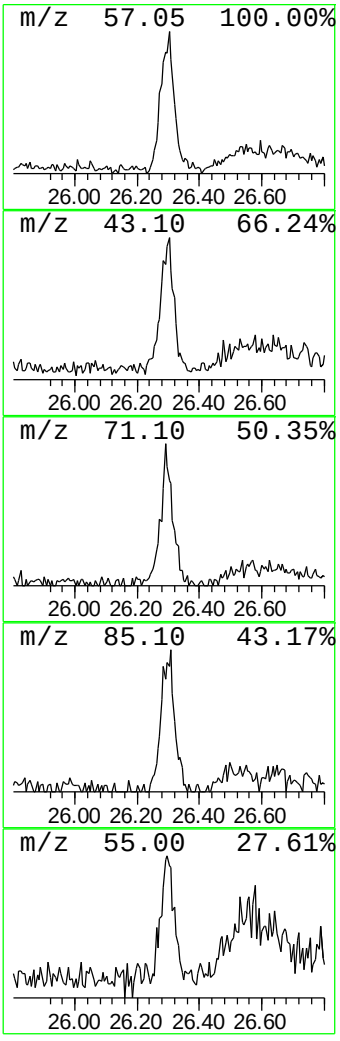
****

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.30	2.38 ng	124458	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octadecane	254	C18H38	000593-45-3	90
3	Heneicosane	296	C21H44	000629-94-7	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Heptadecane	240	C17H36	000629-78-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

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	19.9	ng	329291	1	8.14	331587	20.0
unknown7.67	7.67	109.5	ng	1815050	1	8.14	331587	20.0
n-Hexadecanoic acid	18.36	6.3	ng	337179	4	17.51	1065000	20.0
Cyclopentadecane	21.43	9.1	ng	499293	5	21.80	1099800	20.0
Heptacosane	23.29	2.2	ng	121398	5	21.80	1099800	20.0
Pentacosane	24.13	4.0	ng	211907	6	25.15	1046430	20.0
Eicosane	26.30	2.4	ng	124458	6	25.15	1046430	20.0