LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041595.D
Acq On : 3 Jul 2019 18:27
Operator : HP/JU
Sample : K3641-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5210

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-BG062619.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	5.572	417	423	433	rBV	145066	251954	10.46%	2.715%
2	7.188	692	698	709	rBV	88132	167231	6.94%	1.802%
3	7.558	754	761	774	rBV	317986	567004	23.54%	6.109%
4	8.028	835	841	852	rVB	89774	161230	6.69%	1.737%
5	8.351	889	896	905	rVB	367847	640343	26.58%	6.899%
6	9.209	1035	1042	1060	rBV	270875	530180	22.01%	5.712%
7	10.854	1315	1322	1331	rBV	99591	181992	7.56%	1.961%
8	13.293	1730	1737	1748	rBV	850114	1283824	53.30%	13.832%
9	14.121	1873	1878	1885	rBV	40057	61719	2.56%	0.665%
10	14.673	1965	1972	1981	rBV2	170876	284422	11.81%	3.064%
11	15.373	2087	2091	2100	rBV5	15394	25098	1.04%	0.270%
12	16.166	2219	2226	2239	rBV	588865	954592	39.63%	10.285%
13	17.423	2432	2440	2450	rBV2	260589	397028	16.48%	4.278%
14	18.281	2580	2586	2595	rBV2	28841	49045	2.04%	0.528%
15	20.026	2875	2883	2896	rBV	1866114	2408718	100.00%	25.952%
16	21.695	3160	3167	3181	rVB2	302938	509692	21.16%	5.492%
17	21.836	3183	3191	3197	rBV3	25885	42495	1.76%	0.458%
18	22.441	3289	3294	3300	rBV2	36536	63861	2.65%	0.688%
19	23.134	3406	3412	3420	rBV3	37091	74120	3.08%	0.799%
20	23.939	3544	3549	3557	rVB3	31476	65939	2.74%	0.710%
21	24.897	3705	3712	3717	rBV6	20405	53106	2.20%	0.572%
22	24.979	3717	3726	3737	rVB2	167924	474578	19.70%	5.113%
23	26.037	3899	3906	3914	rVB9	11339	33245	1.38%	0.358%

Sum of corrected areas: 9281416

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
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Misc :
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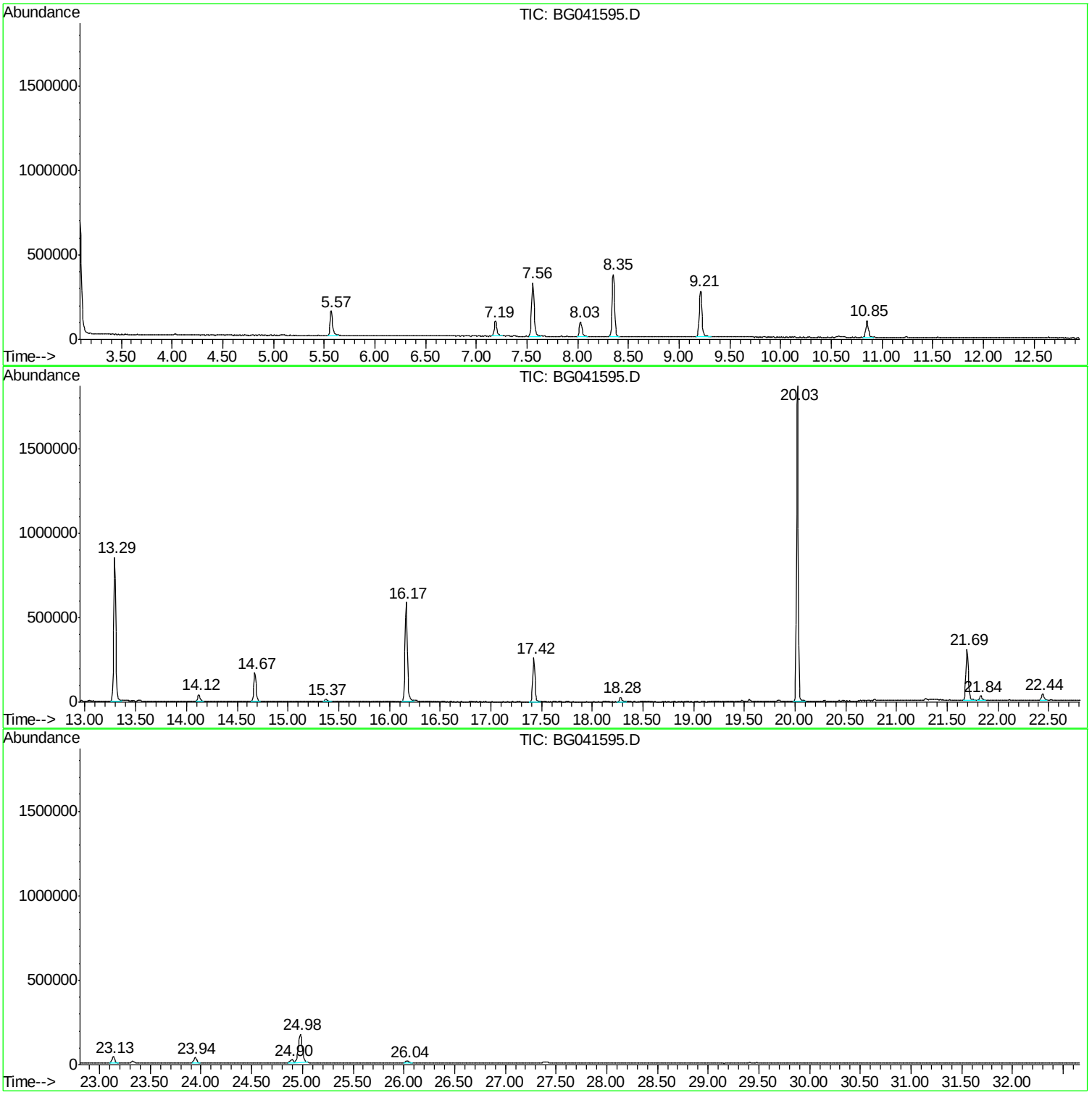
Instrument : BNA_G
ClientSampleId : FM-5210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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\BG070319\
Data File : BG041595.D
Acq On : 3 Jul 2019 18:27
Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : FM-5210

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

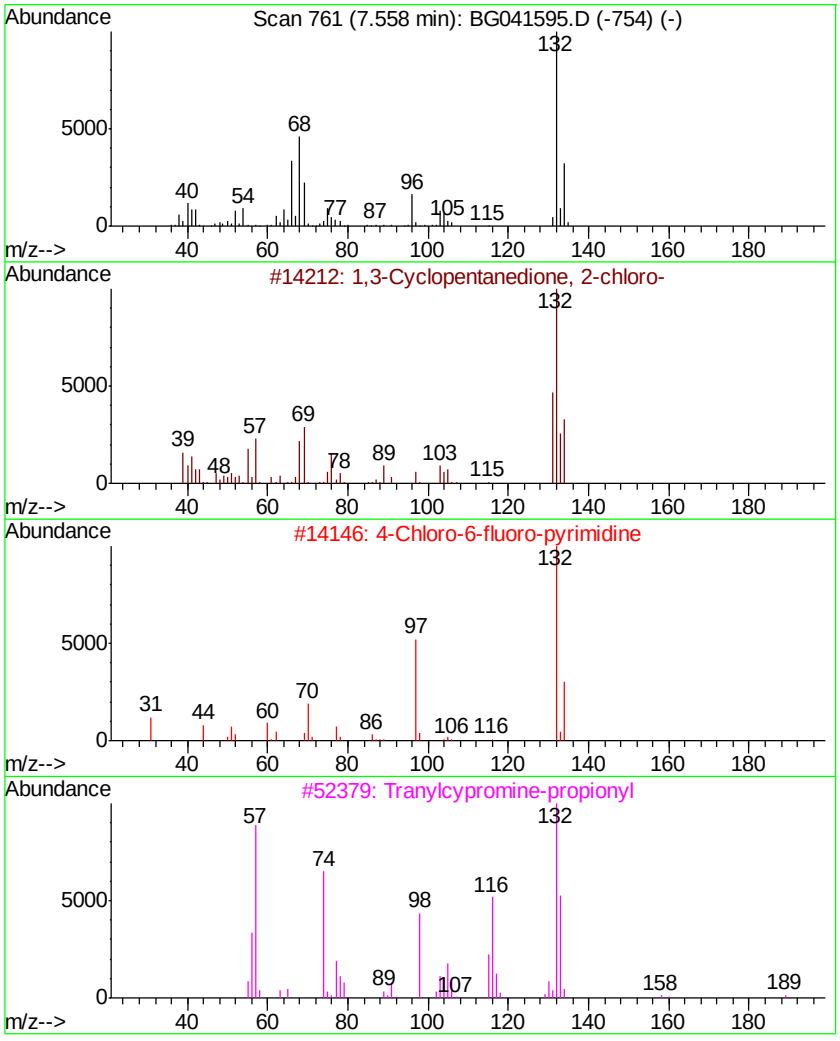
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

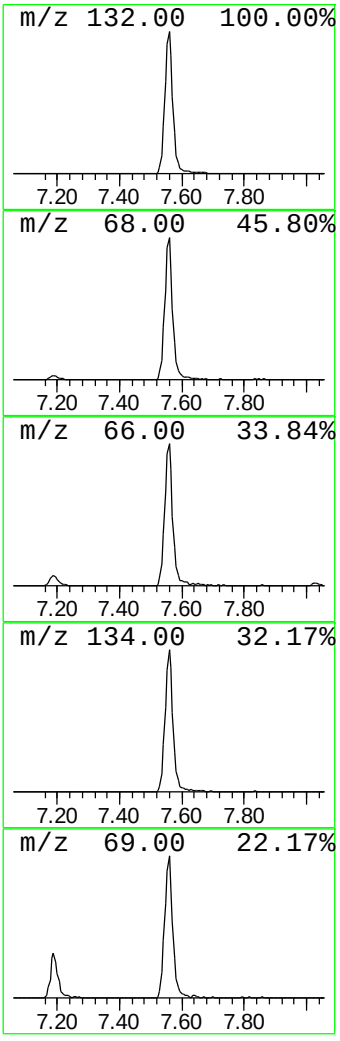
****

Peak Number 1 unknown7.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	70.33 ng	567004	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041595.D
Acq On : 3 Jul 2019 18:27
Operator : HP/JU
Sample : K3641-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

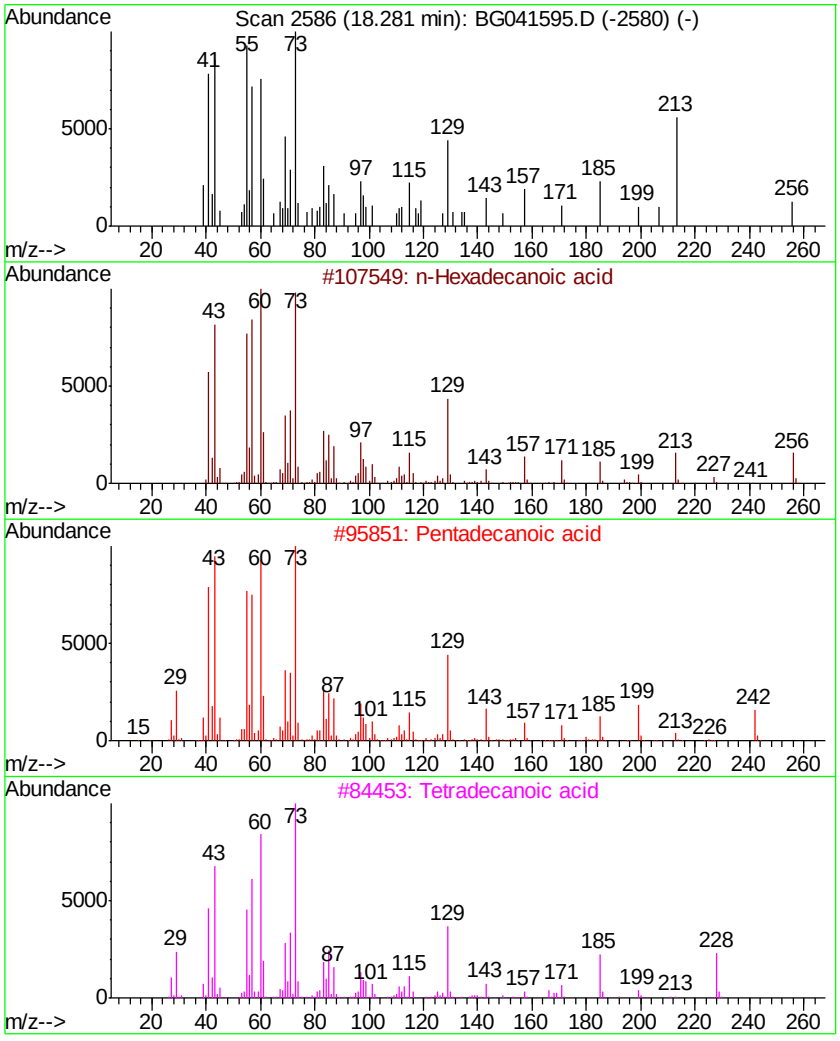
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

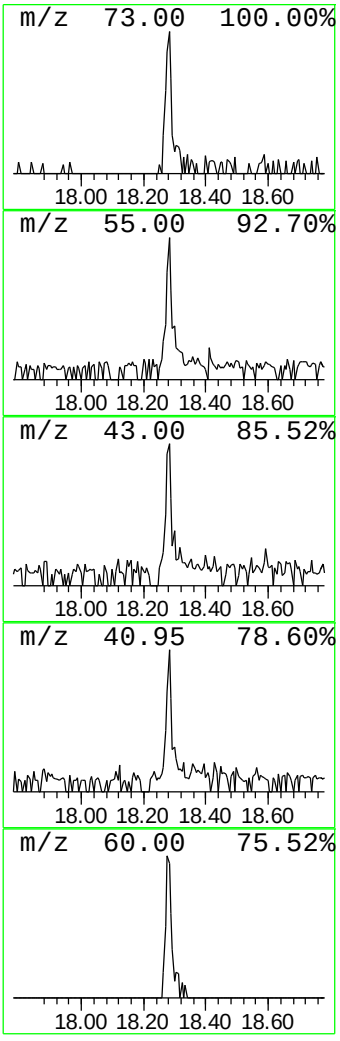
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.47 ng	49045	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041595.D
Acq On : 3 Jul 2019 18:27
Operator : HP/JU
Sample : K3641-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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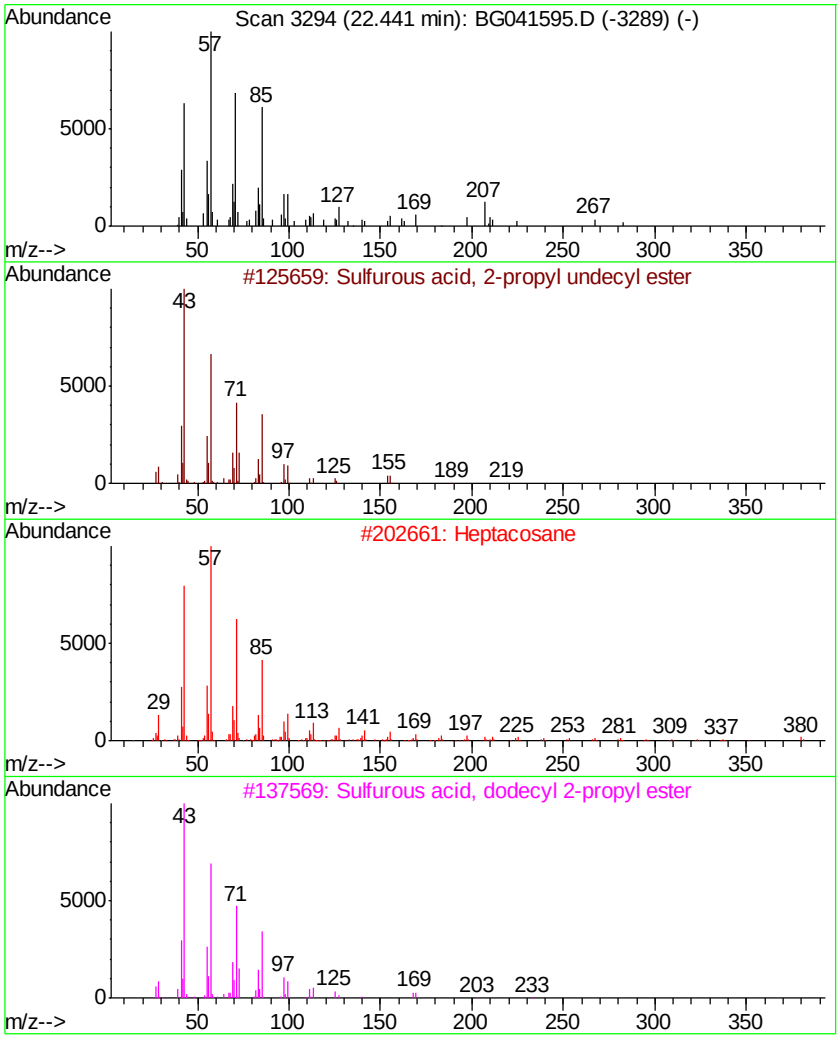
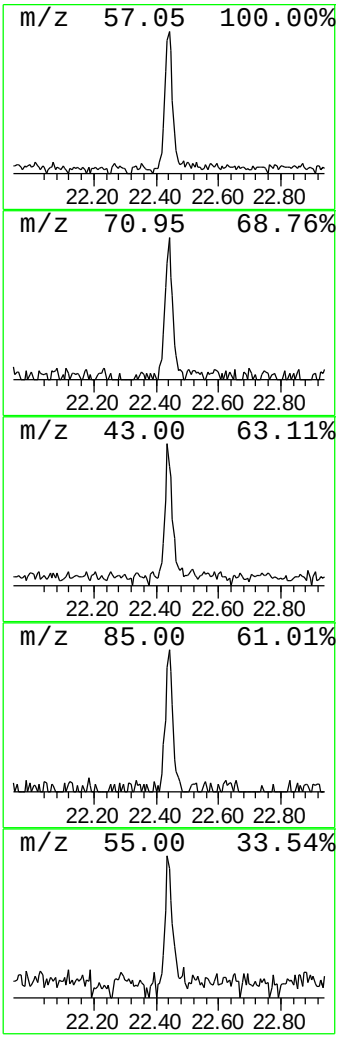
Peak Number 4 Sulfurous acid, 2-propyl un... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	2.51 ng	63861	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	83
2	Heptacosane	380	C27H56	000593-49-7	80
3	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72
4	Triacontane	422	C30H62	000638-68-6	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





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Data File : BG041595.D
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Operator : HP/JU
Sample : K3641-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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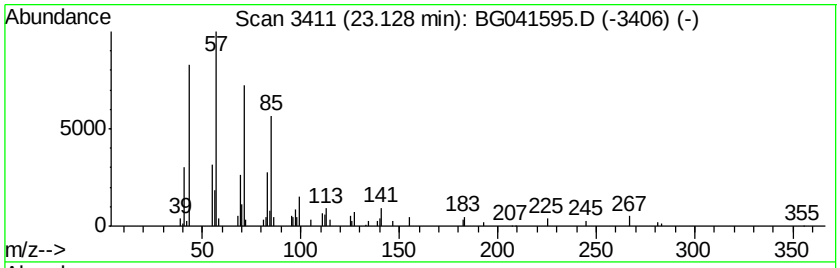
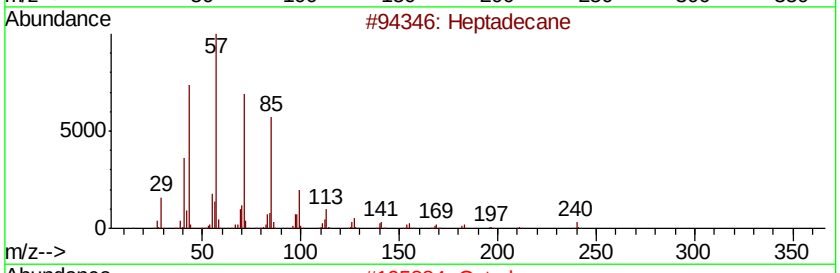
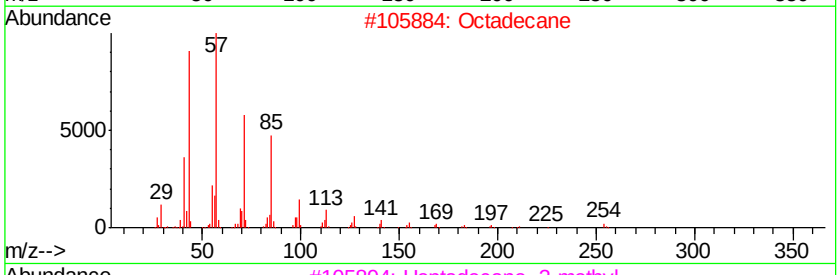
Peak Number 5 Heptadecane Concentration Rank 3

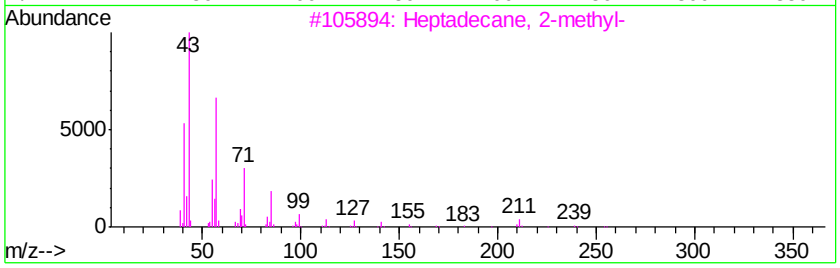
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	2.91 ng	74120	Chrysene-d12	21.69

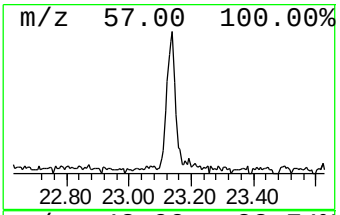
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
4	Triacontane	422	C30H62	000638-68-6	80
5	Pentacosane	352	C25H52	000629-99-2	80

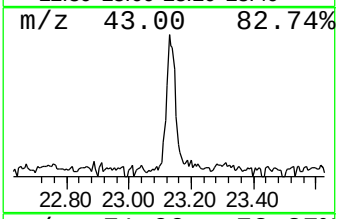


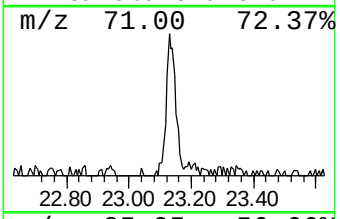


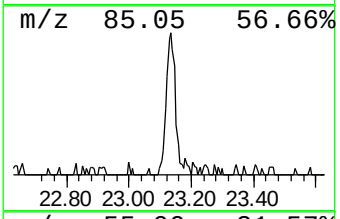


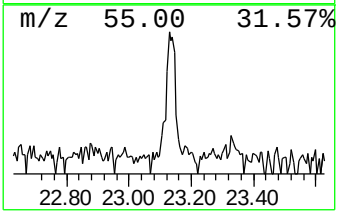












Library Search Compound Report

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ClientSampleId : FM-5210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

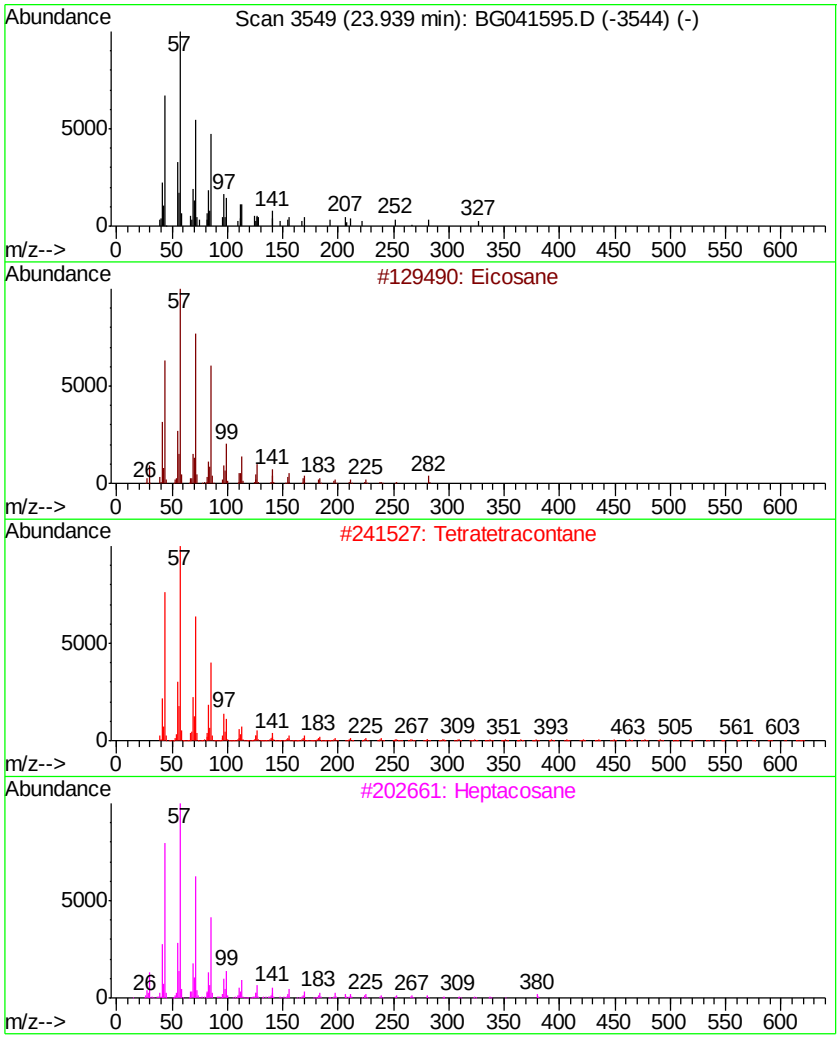
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

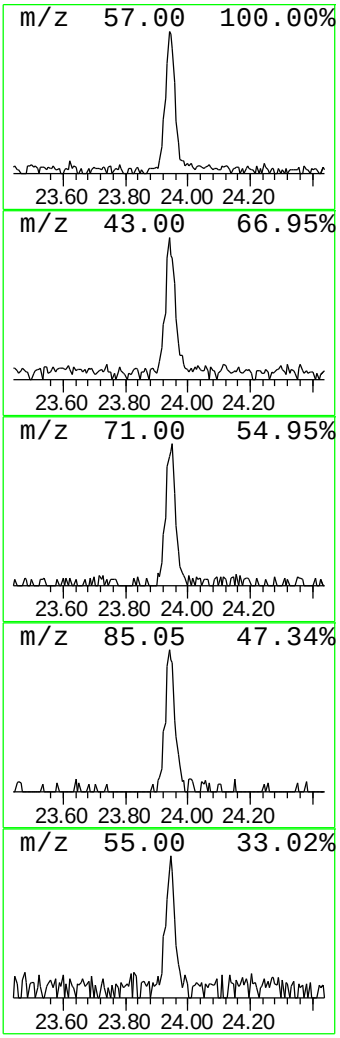
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.78 ng	65939	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

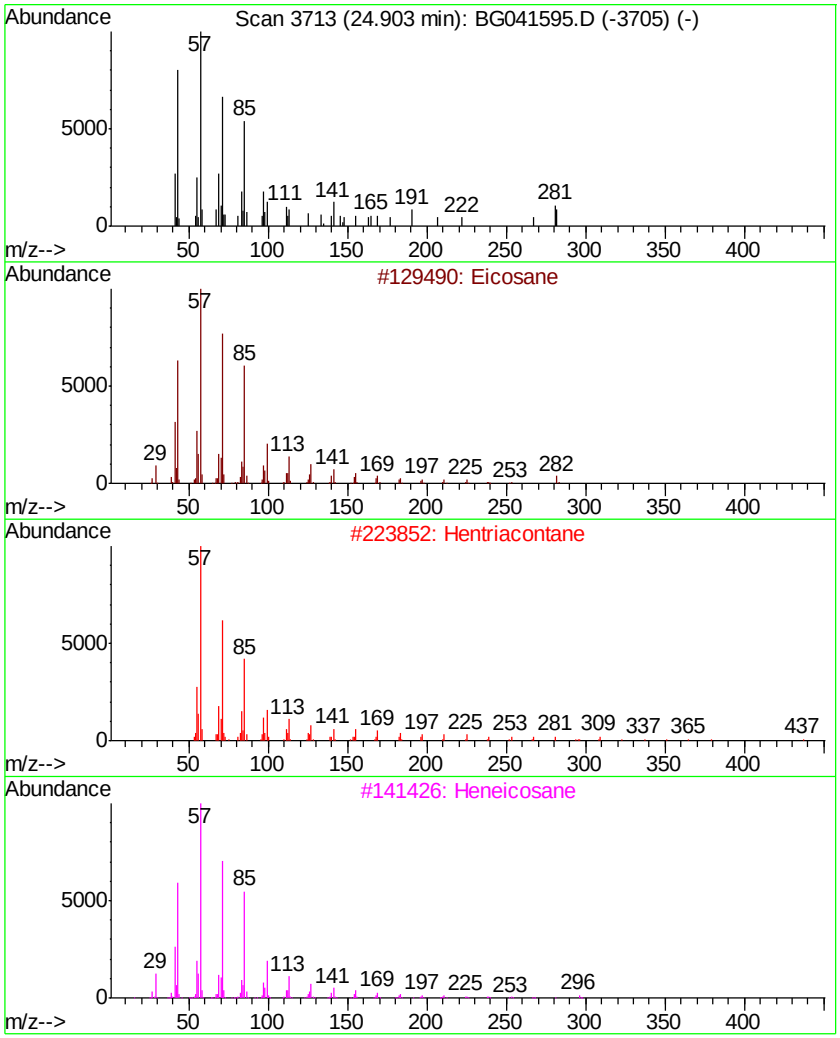
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

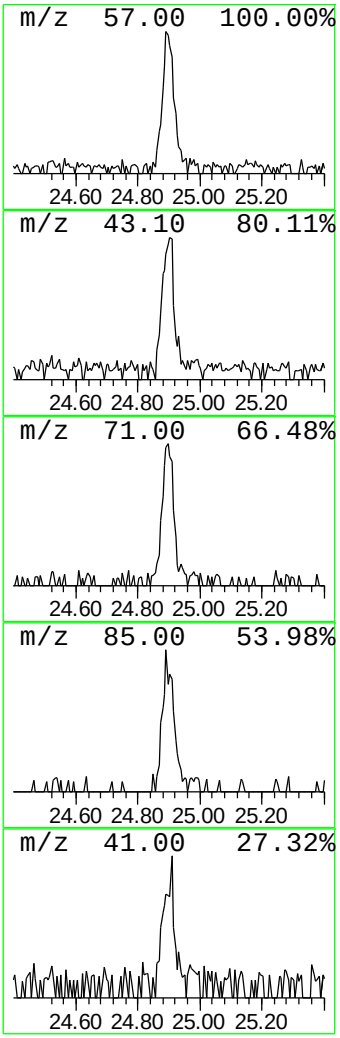
****

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	2.24 ng	53106	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hentriacontane	437	C31H64	000630-04-6	81
3	Heneicosane	296	C21H44	000629-94-7	74
4	Hexadecane	226	C16H34	000544-76-3	74
5	2-methylhexacosane	380	C27H56	1000376-72-7	74





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.56	7.56	70.3	ng	567004	1	8.03	161230	20.0
n-Hexadecanoic acid	18.28	2.5	ng	49045	4	17.42	397028	20.0
Sulfurous acid, 2...	22.44	2.5	ng	63861	5	21.69	509692	20.0
Heptadecane	23.13	2.9	ng	74120	5	21.69	509692	20.0
Eicosane	23.94	2.8	ng	65939	6	24.98	474578	20.0
Heneicosane	24.90	2.2	ng	53106	6	24.98	474578	20.0