LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041497.D
Acq On : 27 Jun 2019 20:51
Operator : HP/JU
Sample : K3552-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-4

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	4.558	247	250	259	rVB	20682	30916	1.19%	0.241%
2	5.568	415	422	434	rBV	529956	896811	34.40%	6.983%
3	7.190	691	698	708	rBV	596485	1029218	39.48%	8.014%
4	7.560	753	761	771	rBV	564646	997475	38.26%	7.767%
5	8.030	835	841	852	rVB	104484	178675	6.85%	1.391%
6	8.353	889	896	905	rBV	438314	769848	29.53%	5.994%
7	9.211	1035	1042	1052	rBV	357246	651487	24.99%	5.073%
8	10.850	1315	1321	1330	rBV	115394	214311	8.22%	1.669%
9	13.294	1730	1737	1750	rBV	1032748	1584617	60.78%	12.339%
10	14.123	1872	1878	1888	rBV	123480	194876	7.48%	1.517%
11	14.675	1966	1972	1982	rBV2	219786	349056	13.39%	2.718%
12	16.167	2219	2226	2247	rBV	872363	1365342	52.37%	10.631%
13	17.425	2434	2440	2454	rVB2	296002	463524	17.78%	3.609%
14	18.283	2582	2586	2599	rBV4	24325	53210	2.04%	0.414%
15	20.028	2876	2883	2893	rBV	1949046	2606949	100.00%	20.299%
16	21.696	3160	3167	3178	rBV	322930	551632	21.16%	4.295%
17	21.831	3186	3190	3199	rVB3	20791	30039	1.15%	0.234%
18	22.442	3288	3294	3302	rVB3	28333	48440	1.86%	0.377%
19	23.142	3406	3413	3421	rVB3	26125	49654	1.90%	0.387%
20	23.947	3541	3550	3557	rBV3	49860	112519	4.32%	0.876%
21	24.893	3704	3711	3717	rBV6	18086	46821	1.80%	0.365%
22	24.981	3717	3726	3741	rVB2	176023	522642	20.05%	4.070%
23	26.038	3898	3906	3917	rVB4	30296	94680	3.63%	0.737%

Sum of corrected areas: 12842742

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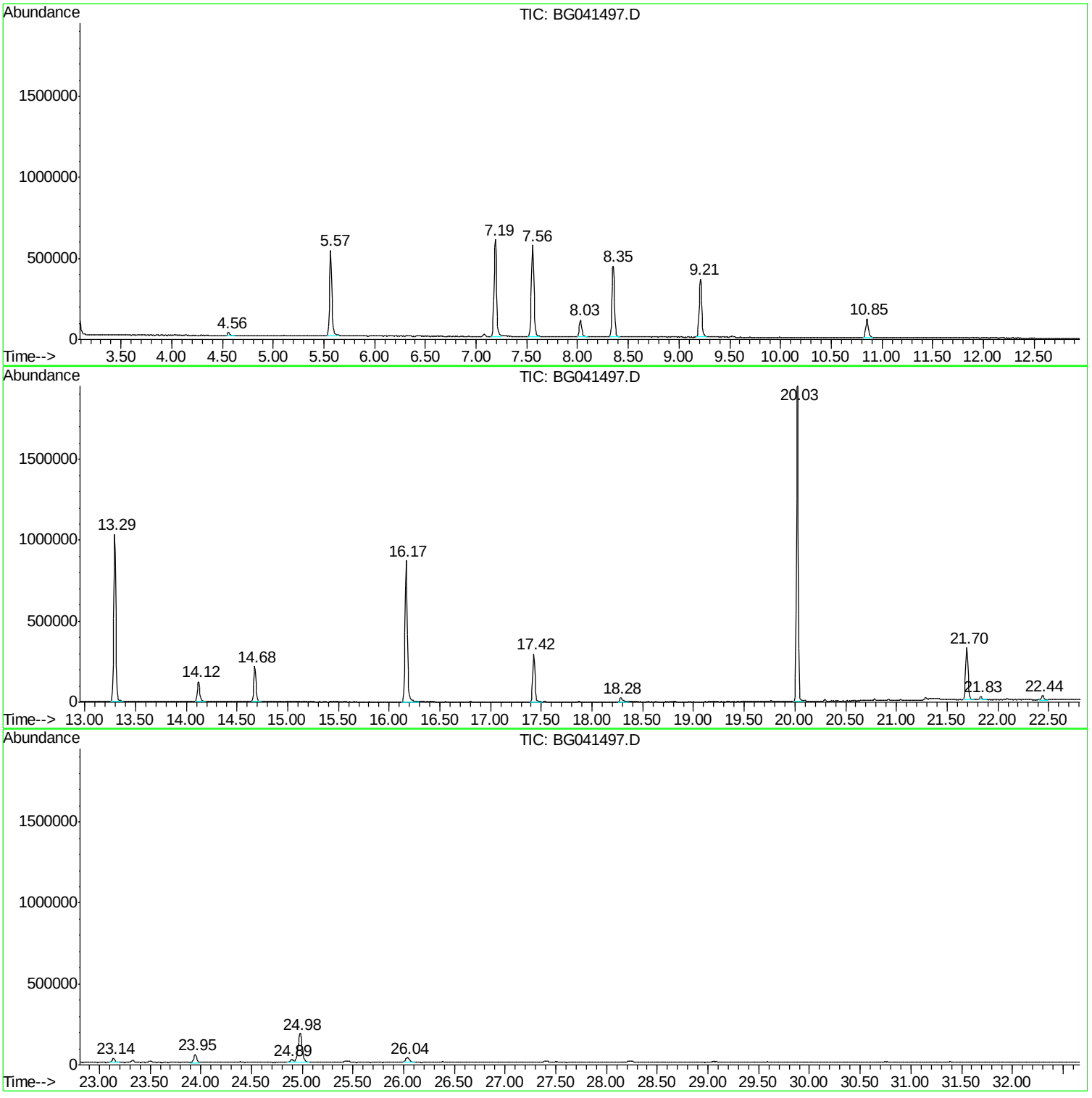
Instrument : BNA_G
ClientSampleId : M-4

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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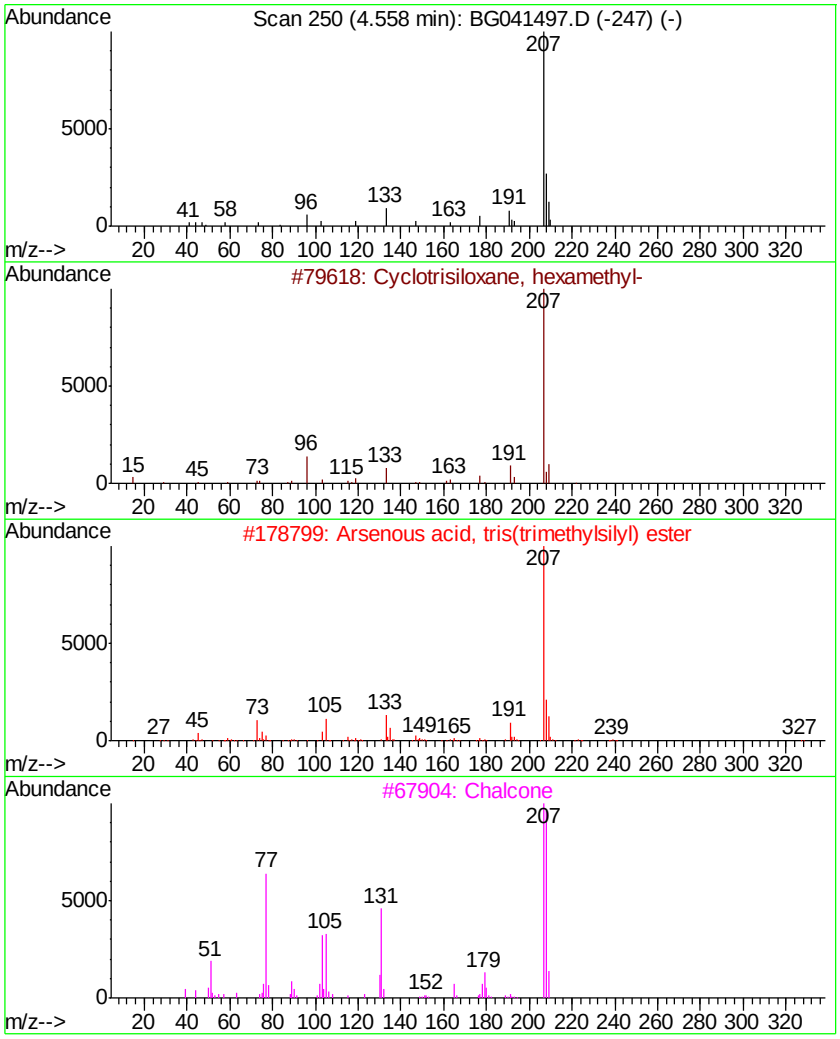
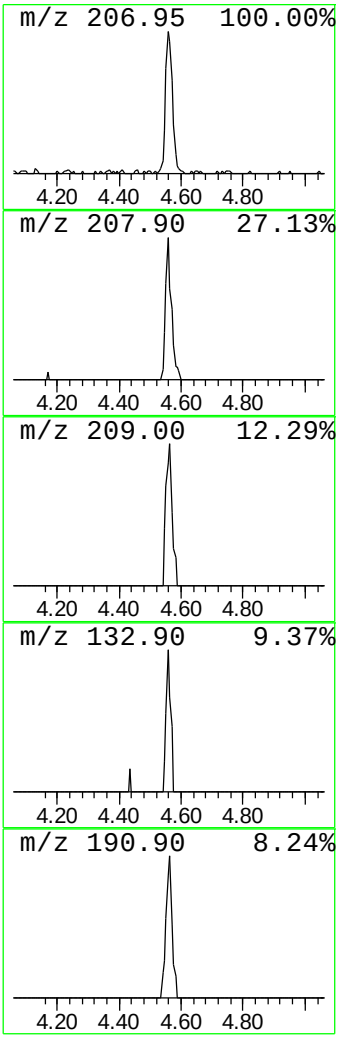
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	3.46 ng	30916	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	Chalcone	208	C15H12O	000094-41-7	9
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	9
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	9





Library Search Compound Report

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Operator : HP/JU
Sample : K3552-07
Misc :
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Instrument : BNA_G
ClientSampleId : M-4

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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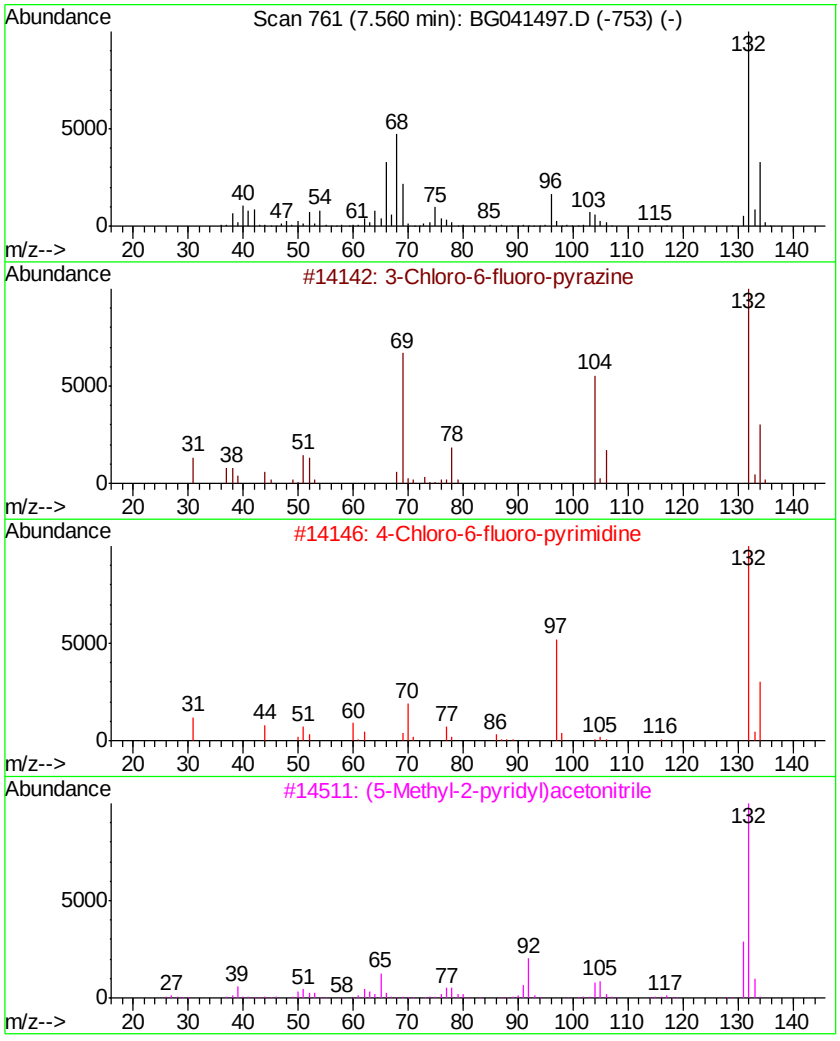
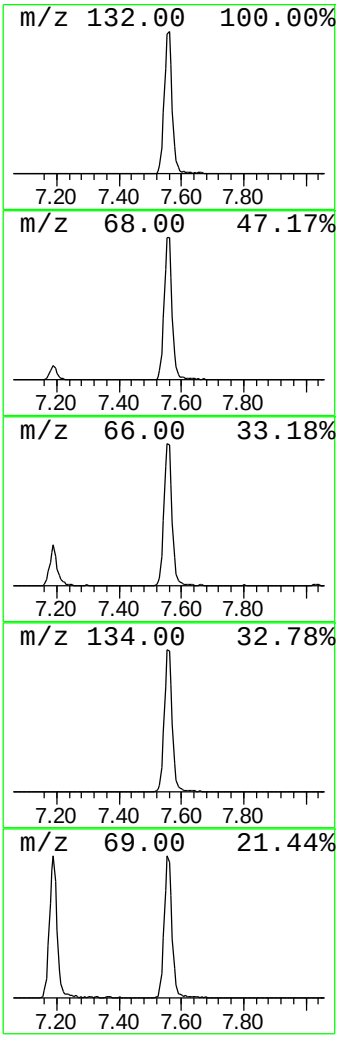
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	111.65 ng	997475	1,4-Dichlorobenzene-d4	8.03

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	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

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Data File : BG041497.D
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Operator : HP/JU
Sample : K3552-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
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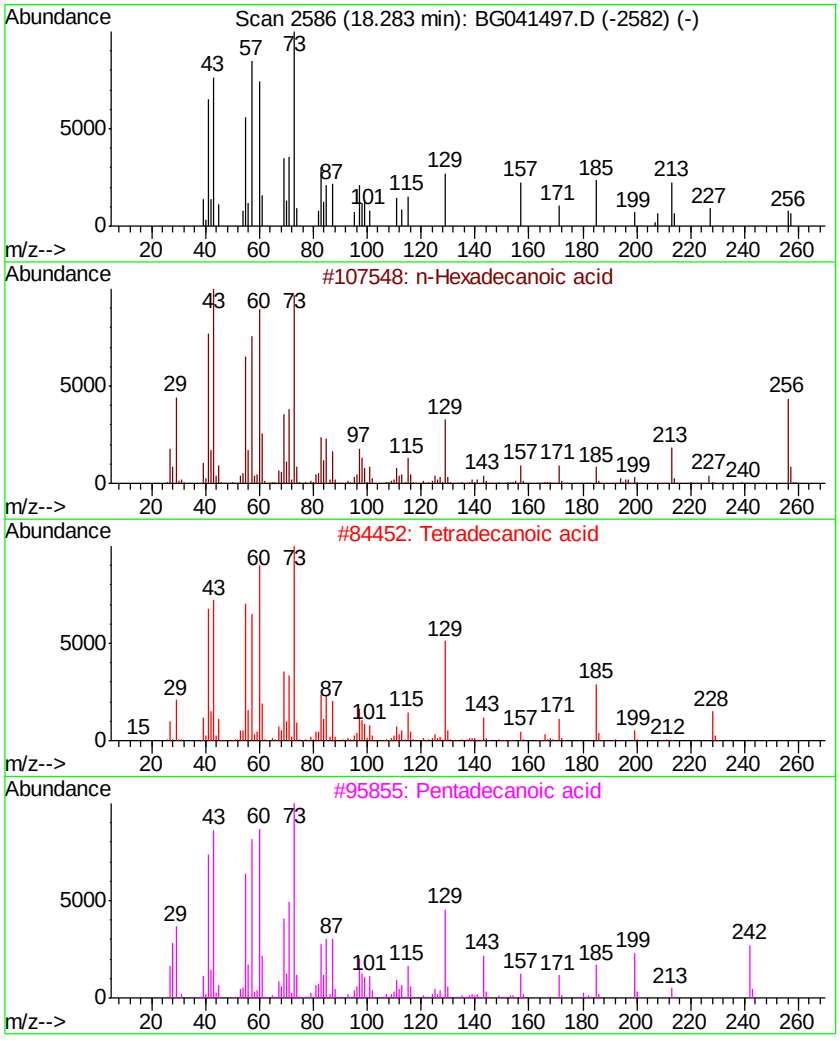
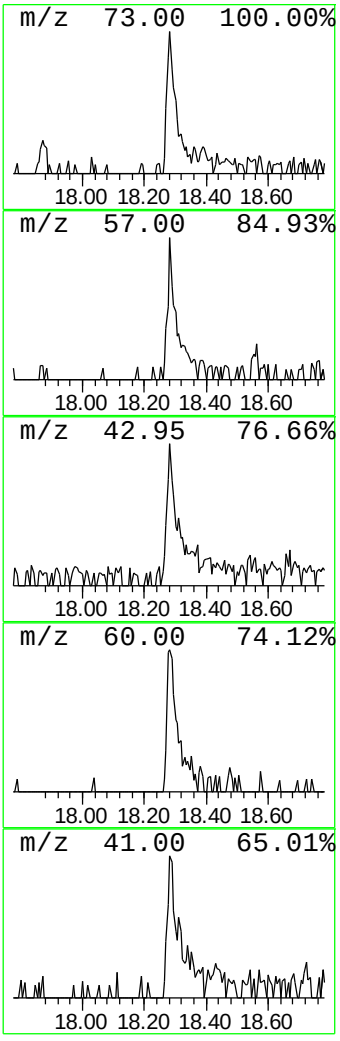
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.30 ng	53210	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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Operator : HP/JU
Sample : K3552-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-4

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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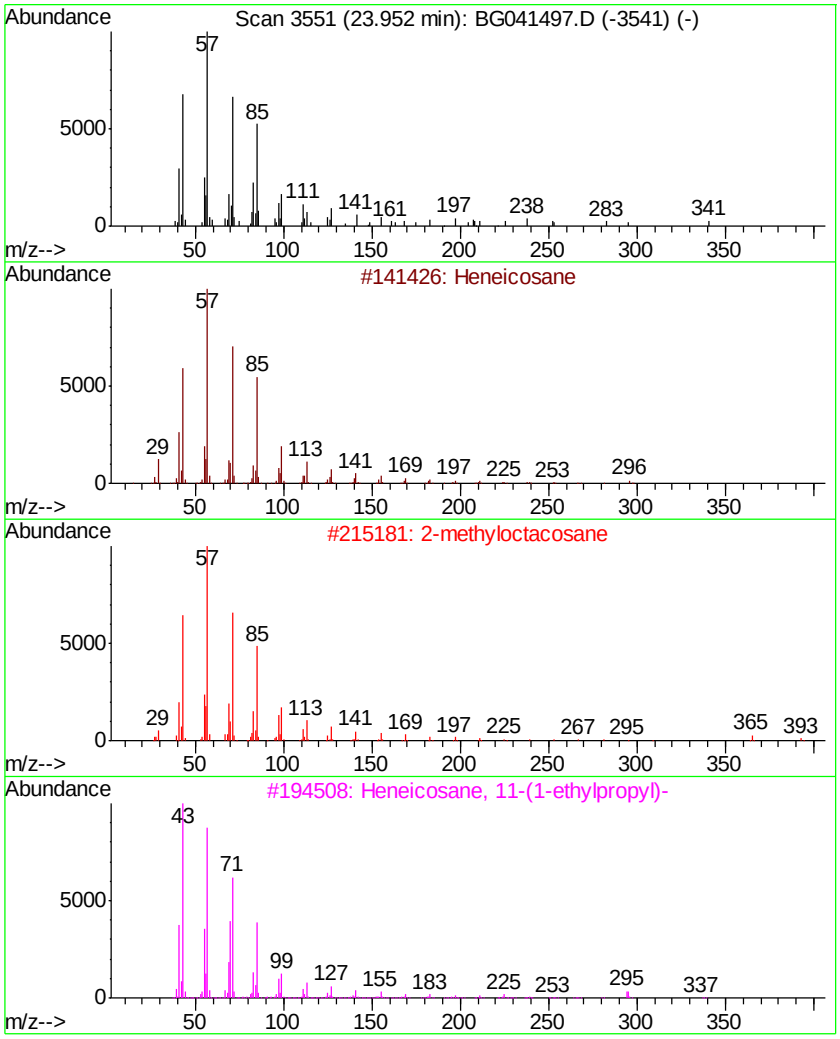
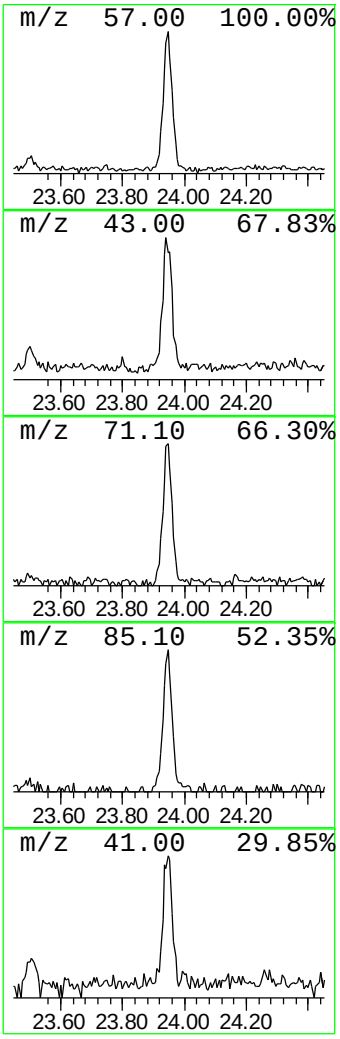
Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	4.31 ng	112519	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : HP/JU
Sample : K3552-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-4

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

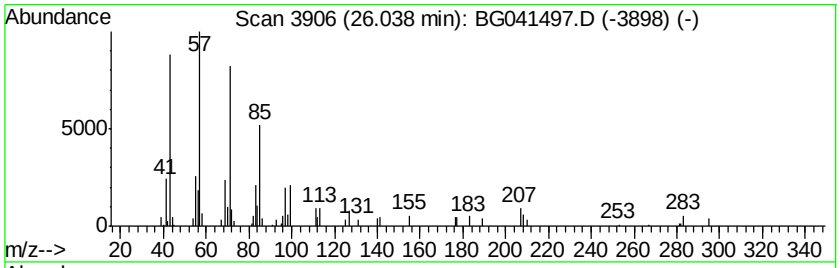
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

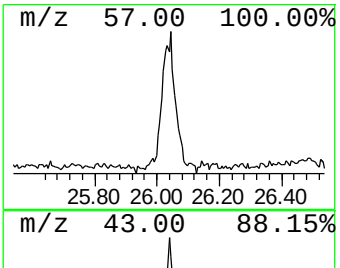
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	3.62 ng	94680	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	80
5	Tetratetracontane	619	C44H90	007098-22-8	74





Tentatively Identified Compound (LSC) summary

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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
Cyclotrisiloxane,...	4.56	3.5	ng	30916	1	8.03	178675	20.0
unknown7.56	7.56	111.7	ng	997475	1	8.03	178675	20.0
n-Hexadecanoic acid	18.28	2.3	ng	53210	4	17.42	463524	20.0
Heneicosane	23.95	4.3	ng	112519	6	24.97	522642	20.0
Eicosane	26.04	3.6	ng	94680	6	24.97	522642	20.0