LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041494.D
Acq On : 27 Jun 2019 18:57
Operator : HP/JU
Sample : K3552-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-1

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	4.557	246	250	256	rBV2	23604	33569	1.20%	0.256%
2	5.568	416	422	434	rBV	529828	865860	30.82%	6.601%
3	7.189	691	698	715	rBV	601532	1039774	37.02%	7.927%
4	7.559	754	761	775	rBV	566004	999297	35.58%	7.619%
5	8.029	835	841	850	rVB	104443	186410	6.64%	1.421%
6	8.353	889	896	904	rBV	434381	758996	27.02%	5.787%
7	9.210	1035	1042	1053	rBV	357577	664092	23.64%	5.063%
8	10.856	1315	1322	1332	rVB	119172	221681	7.89%	1.690%
9	13.294	1730	1737	1750	rBV	1102046	1655685	58.94%	12.623%
10	14.122	1872	1878	1886	rBV	118829	181376	6.46%	1.383%
11	14.675	1965	1972	1982	rBV3	227196	361054	12.85%	2.753%
12	16.167	2220	2226	2245	rBV	900308	1391603	49.54%	10.609%
13	17.424	2433	2440	2452	rBV	323448	484190	17.24%	3.691%
14	18.282	2581	2586	2592	rBV5	31054	54704	1.95%	0.417%
15	20.027	2876	2883	2895	rBV	2255528	2808972	100.00%	21.415%
16	21.696	3161	3167	3179	rBV	352794	574761	20.46%	4.382%
17	21.837	3187	3191	3197	rVB3	20688	29754	1.06%	0.227%
18	22.442	3289	3294	3300	rBV4	23928	40556	1.44%	0.309%
19	23.141	3407	3413	3421	rBV5	28824	58209	2.07%	0.444%
20	23.329	3439	3445	3452	rBV4	15621	34296	1.22%	0.261%
21	23.946	3544	3550	3560	rVB4	25916	57066	2.03%	0.435%
22	24.904	3705	3713	3716	rBV5	19337	47447	1.69%	0.362%
23	24.980	3717	3726	3738	rVB	181338	535159	19.05%	4.080%
24	26.044	3901	3907	3914	rVB8	13323	32107	1.14%	0.245%

Sum of corrected areas: 13116618

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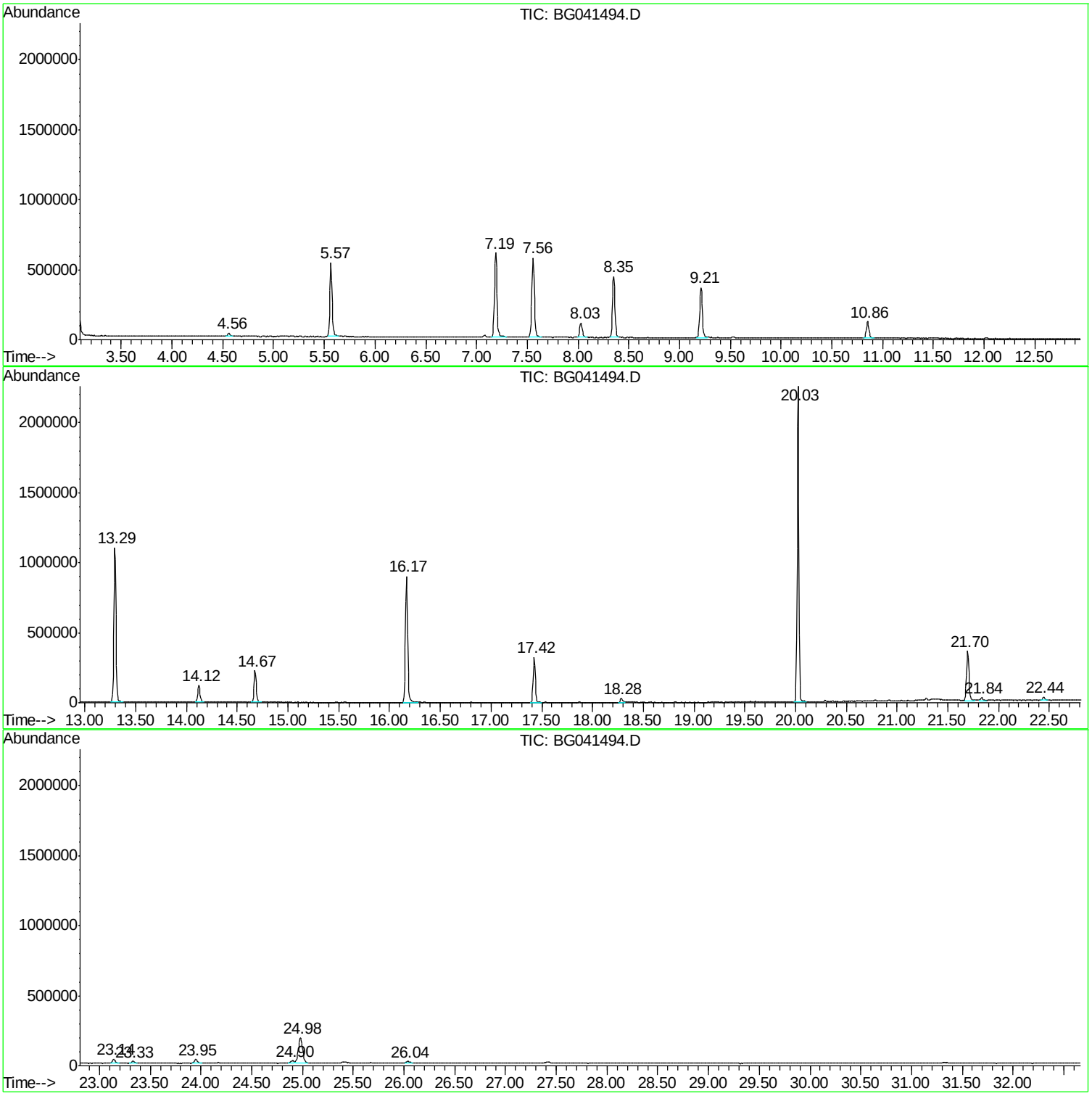
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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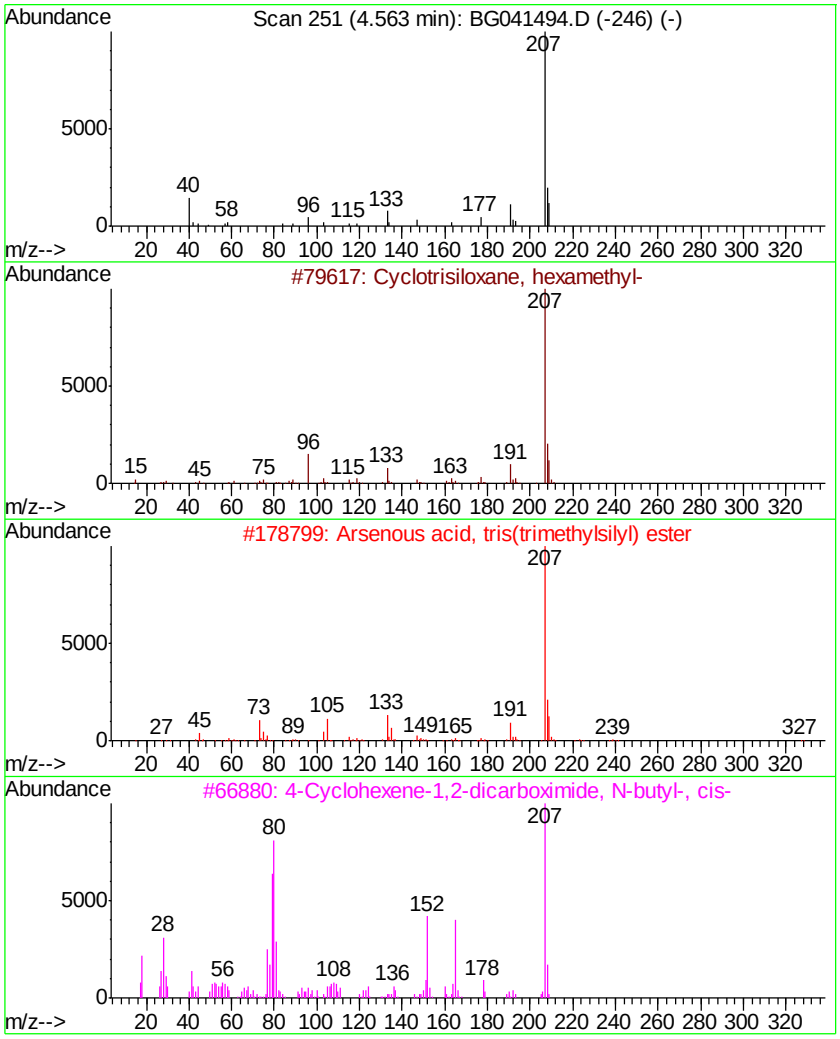
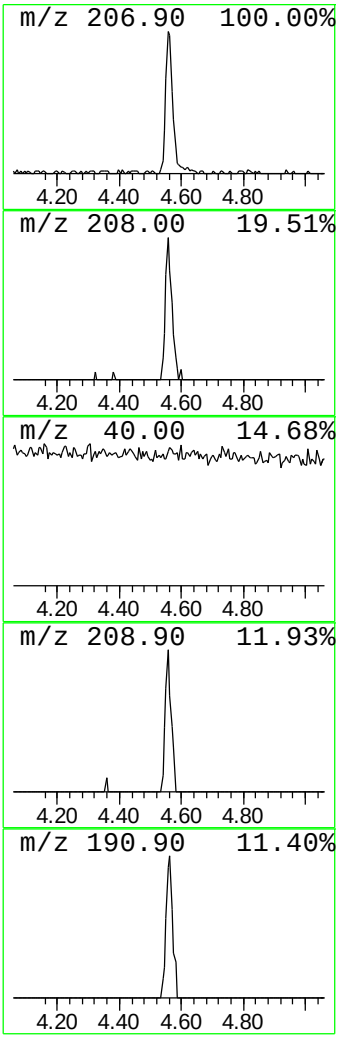
Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	3.60 ng	33569	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	4-Cyclohexene-1,2-dicarboximide,...	207	C12H17NO2	028916-00-9	42
4	Anthracene, 9-ethyl-9,10-dihydro...	264	C20H24	1000154-57-7	39
5	Anthracene, 9,10-diethyl-9,10-di...	236	C18H20	046868-29-5	39





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : M-1

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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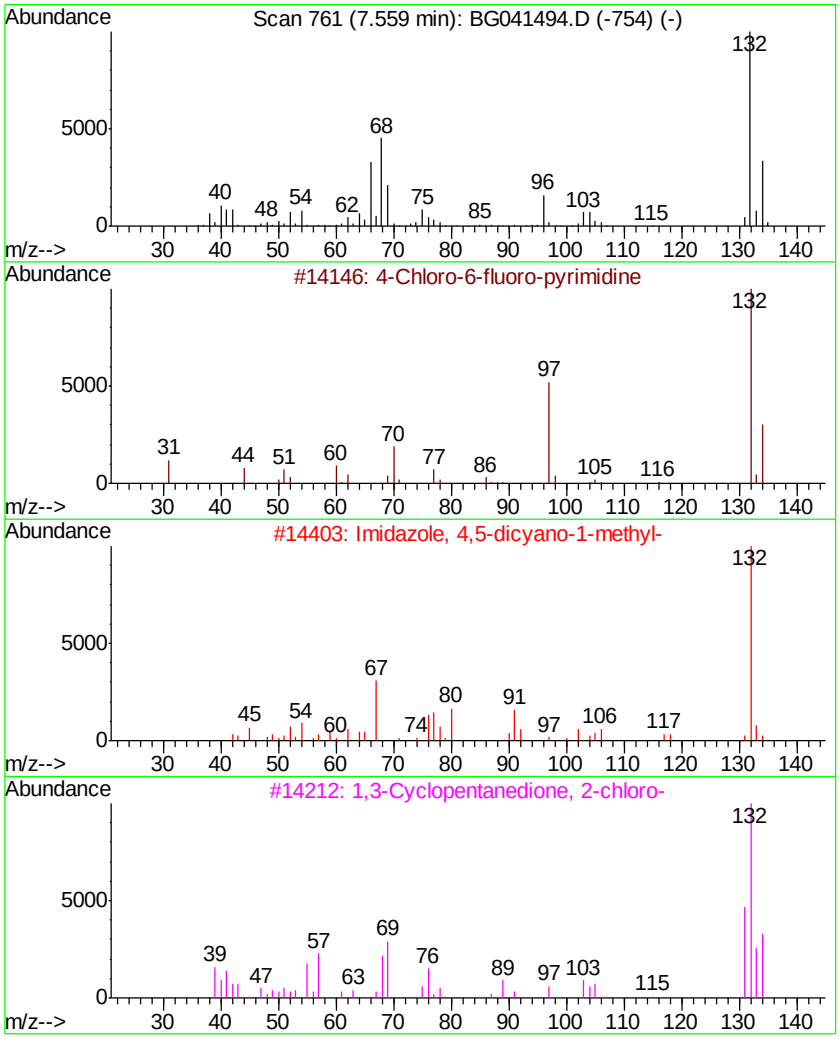
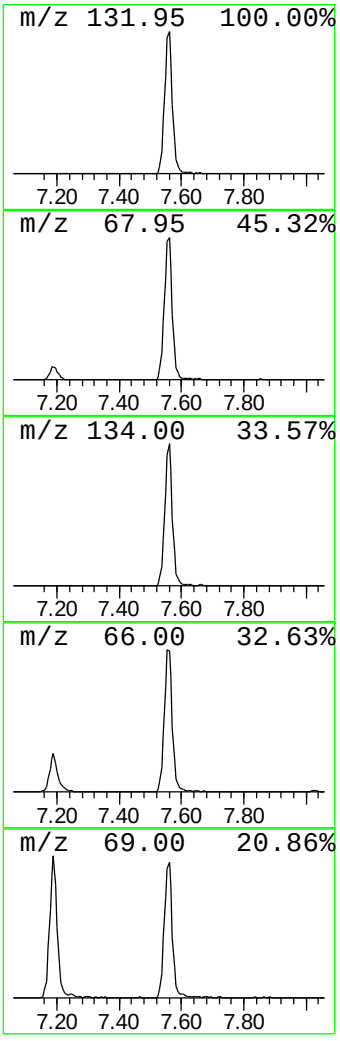
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	107.22 ng	999297	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Instrument : BNA_G
ClientSampleId : M-1

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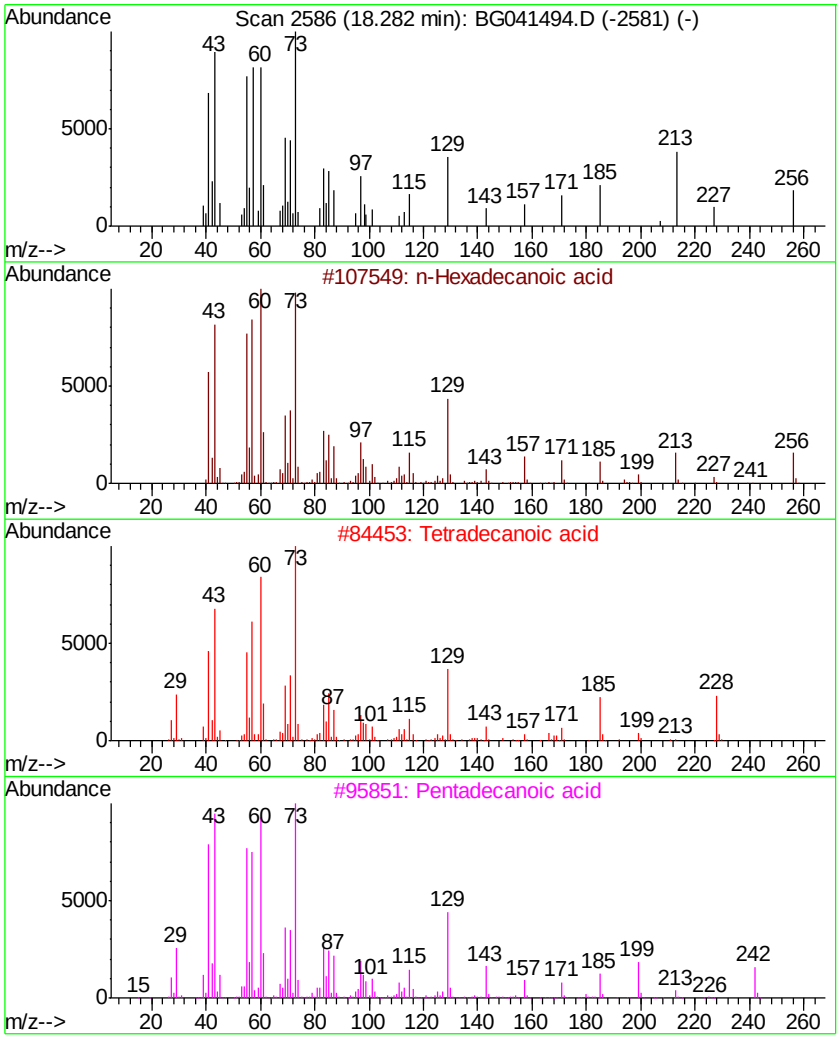
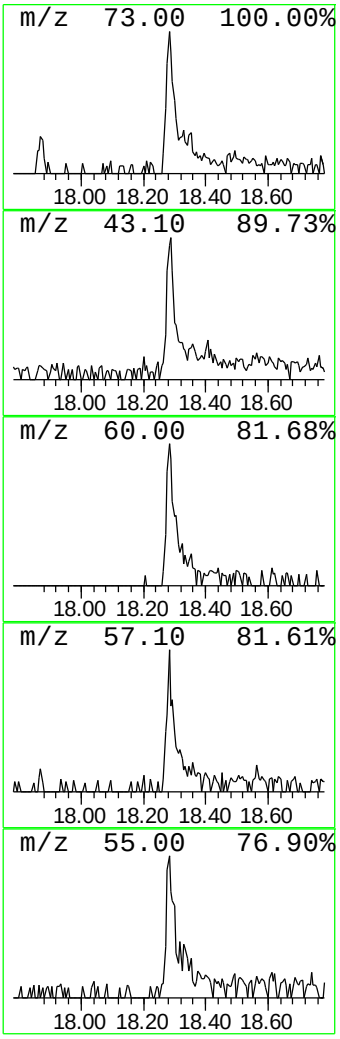
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.26 ng	54704	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : M-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
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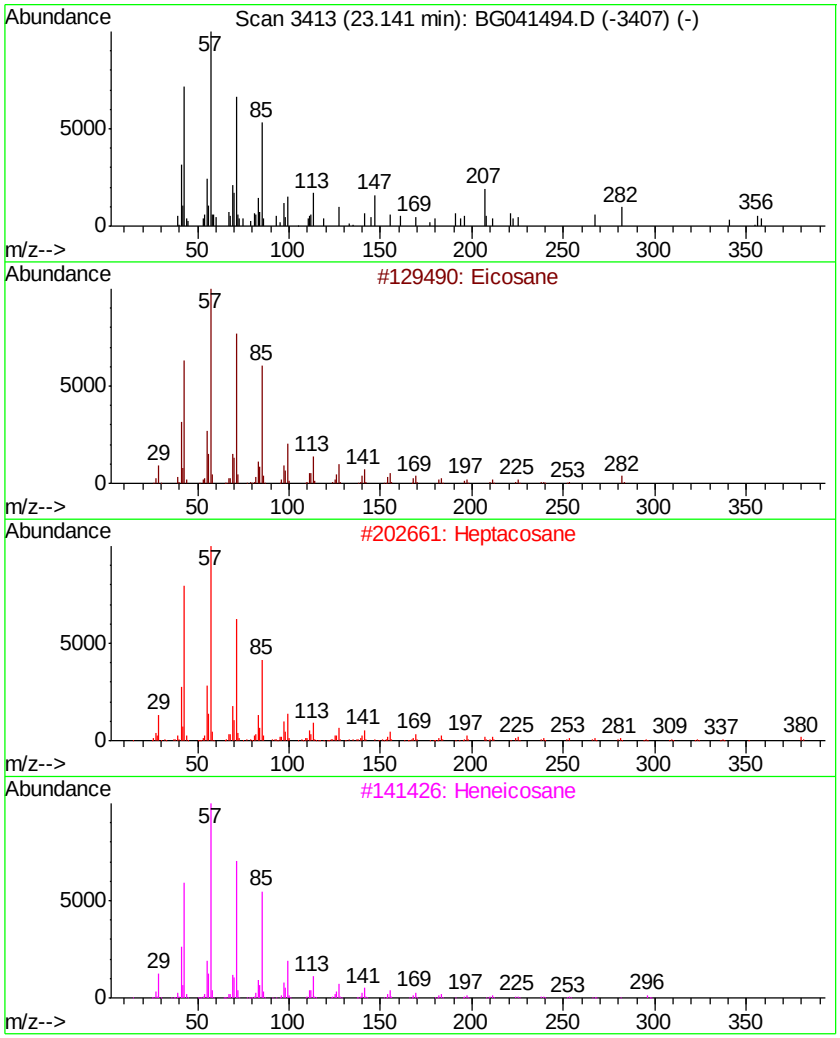
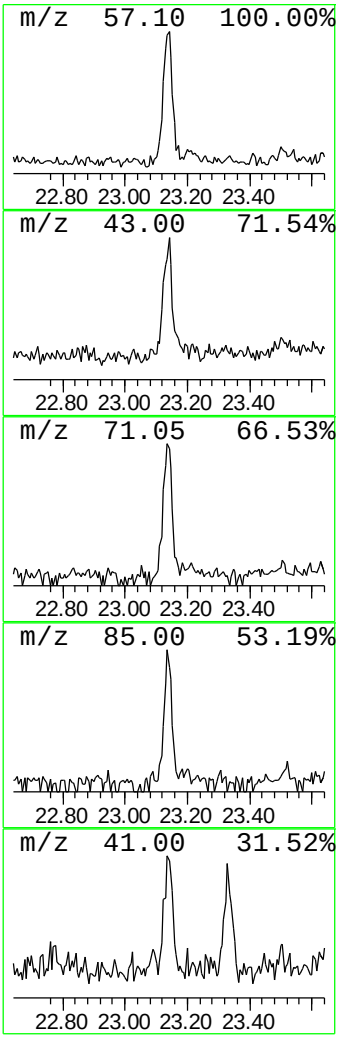
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.03 ng	58209	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Heptacosane	380	C27H56	000593-49-7	55
3	Heneicosane	296	C21H44	000629-94-7	55
4	Octacosane	394	C28H58	000630-02-4	49
5	Tetracosane	338	C24H50	000646-31-1	49





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-1

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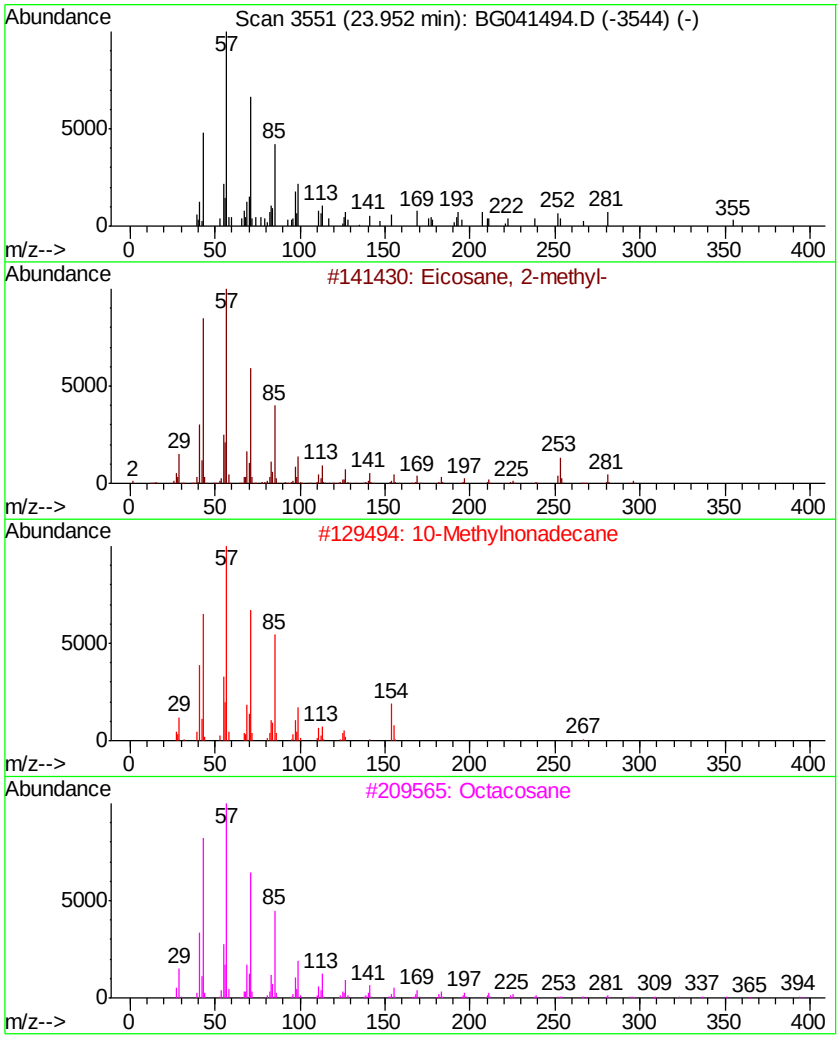
TIC Integration Parameters: LSCINT.P

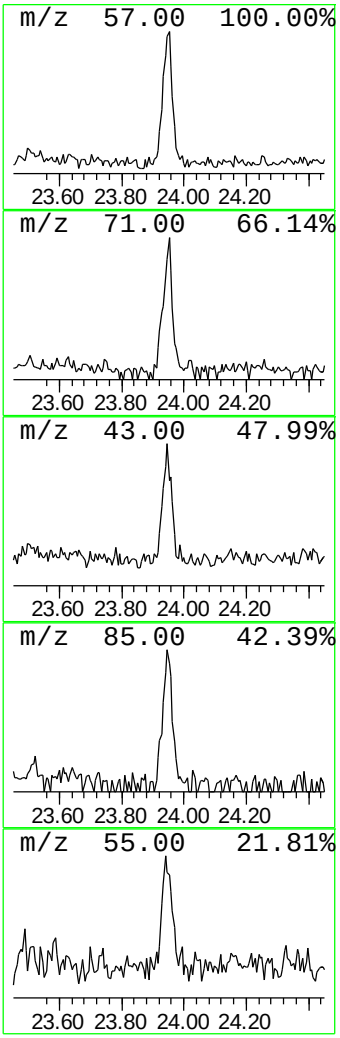
****

Peak Number 6 Eicosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.13 ng	57066	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	74
2	10-Methylnonadecane	282	C20H42	056862-62-5	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	68
5	Heneicosane	296	C21H44	000629-94-7	68





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxane,...	4.56	3.6	ng	33569	1	8.03	186410	20.0
unknown7.56	7.56	107.2	ng	999297	1	8.03	186410	20.0
n-Hexadecanoic acid	18.28	2.3	ng	54704	4	17.42	484190	20.0
Eicosane	23.14	2.0	ng	58209	5	21.70	574761	20.0
Eicosane, 2-methyl-	23.95	2.1	ng	57066	6	24.98	535159	20.0