LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040234.D
Acq On : 29 Mar 2019 20:36
Operator : JU/SJ
Sample : K2138-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

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-BG032719.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	3.123	3	6	16	rVB2	74178	125041	2.59%	0.480%
2	5.608	422	429	441	rBV	1173436	1863268	38.64%	7.156%
3	7.212	693	702	710	rBV	1224448	2107113	43.70%	8.092%
4	7.588	758	766	776	rBV	1123079	1979920	41.06%	7.604%
5	8.058	837	846	857	rBV	201946	348723	7.23%	1.339%
6	8.381	892	901	909	rBV	804384	1418625	29.42%	5.448%
7	9.233	1037	1046	1057	rBV	699646	1253141	25.99%	4.813%
8	10.873	1318	1325	1333	rBV	285934	496410	10.29%	1.906%
9	13.311	1732	1740	1748	rBV	1997199	3106204	64.42%	11.930%
10	14.133	1874	1880	1886	rBV	99718	142672	2.96%	0.548%
11	14.686	1967	1974	1983	rBV2	479269	767868	15.92%	2.949%
12	16.178	2221	2228	2240	rBV	1780213	2644493	54.84%	10.156%
13	17.435	2435	2442	2449	rBV2	665464	1041995	21.61%	4.002%
14	19.692	2822	2826	2834	rBV	76284	102552	2.13%	0.394%
15	20.032	2875	2884	2890	rBV	3586378	4822136	100.00%	18.520%
16	20.761	3003	3008	3012	rBV	60542	75456	1.56%	0.290%
17	21.307	3093	3101	3109	rBV6	60253	188574	3.91%	0.724%
18	21.707	3162	3169	3176	rBV2	695441	1177989	24.43%	4.524%
19	21.854	3188	3194	3200	rVB	85058	126203	2.62%	0.485%
20	22.459	3291	3297	3304	rBV	137145	230483	4.78%	0.885%
21	23.158	3409	3416	3426	rBV	148096	281113	5.83%	1.080%
22	23.969	3544	3554	3565	rBV2	125070	305569	6.34%	1.174%
23	24.933	3709	3718	3719	rBV3	73644	156785	3.25%	0.602%
24	24.991	3720	3728	3741	rVB2	398234	1156280	23.98%	4.441%
25	26.072	3903	3912	3921	rVB4	42885	119298	2.47%	0.458%

Sum of corrected areas: 26037911

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Misc :
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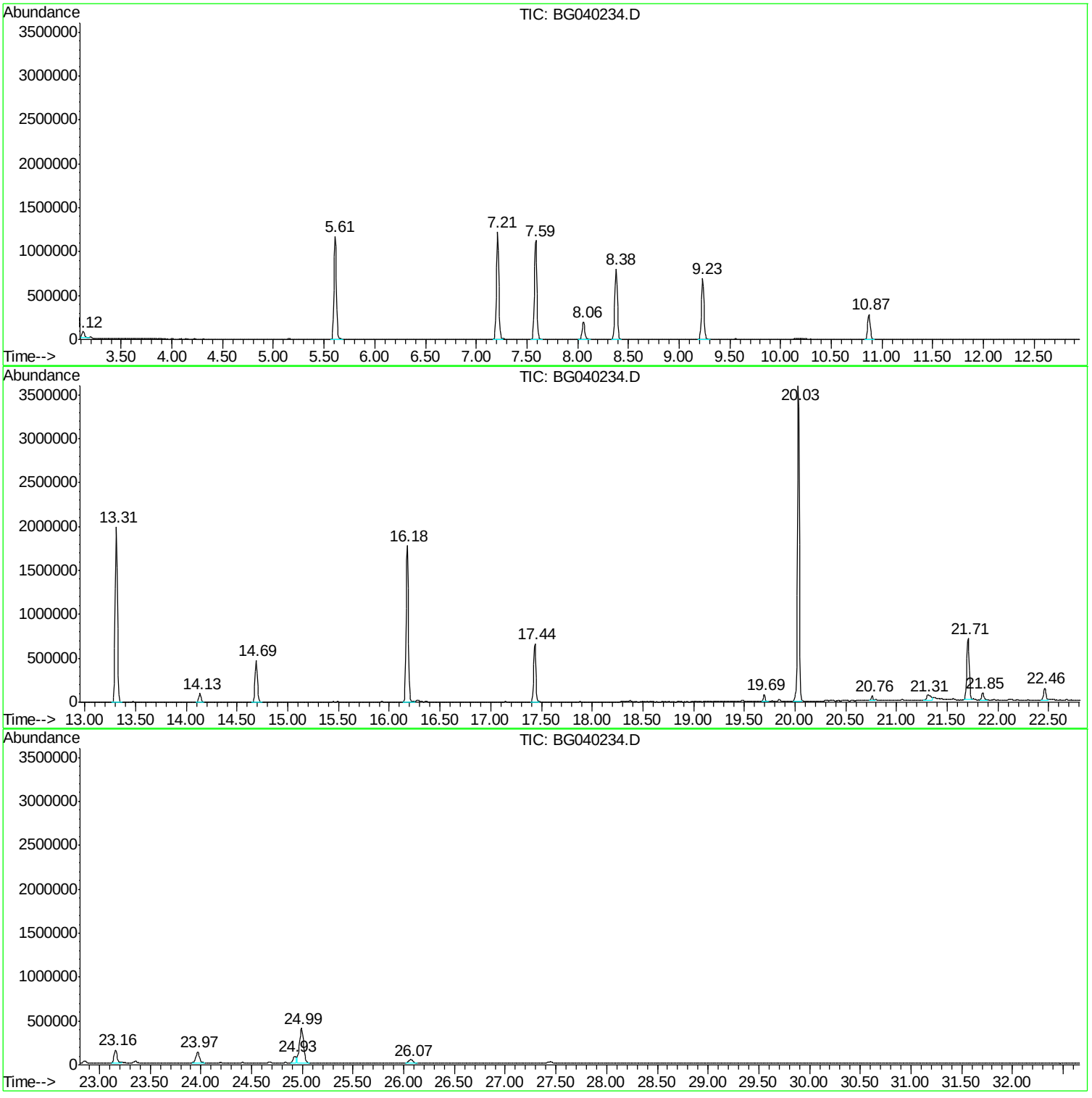
Instrument :
BNA_G
ClientSampleId :
S6B(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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

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Data File : BG040234.D
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Operator : JU/SJ
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Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

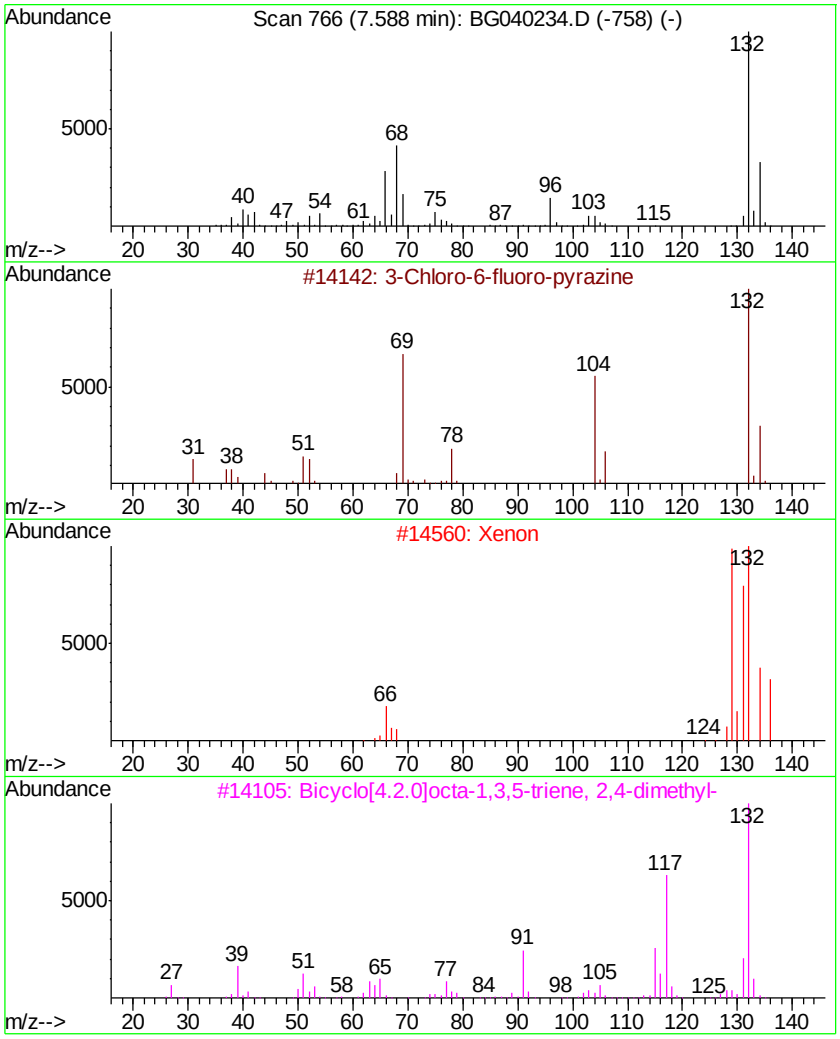
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

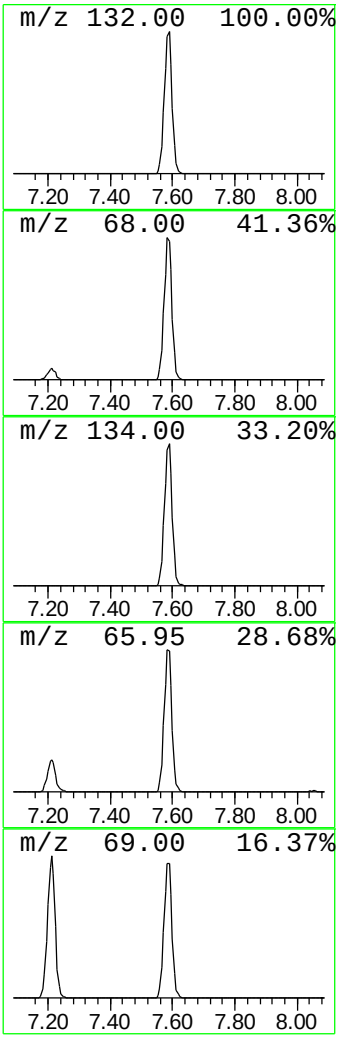
****

Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	113.55 ng	1979920	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Xenon	132	Xe	007440-63-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Data File : BG040234.D
Acq On : 29 Mar 2019 20:36
Operator : JU/SJ
Sample : K2138-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

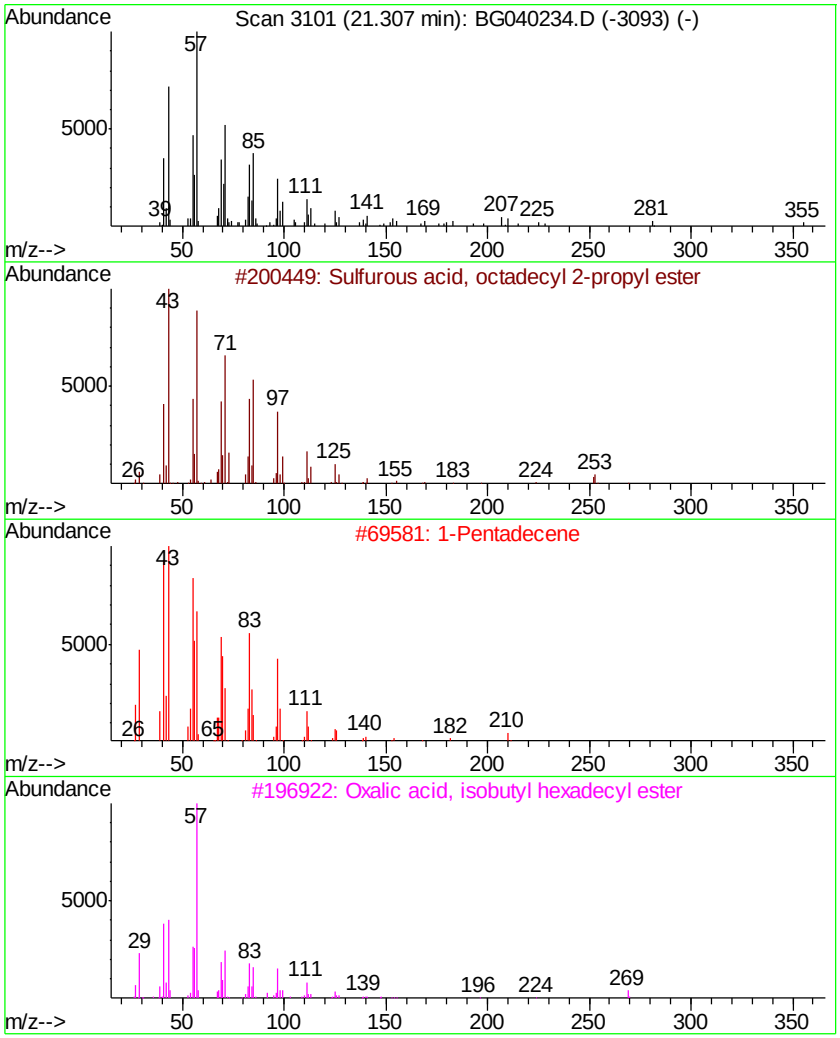
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

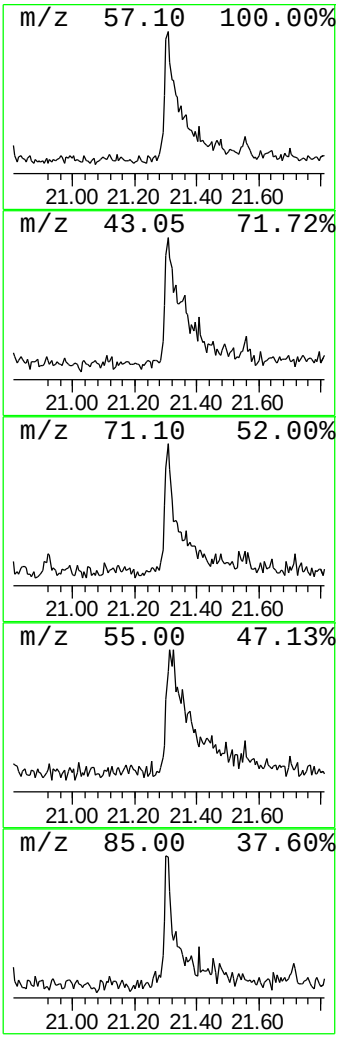
****

Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	3.20 ng	188574	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
2	1-Pentadecene	210	C15H30	013360-61-7	87
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	86
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	86
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040234.D
Acq On : 29 Mar 2019 20:36
Operator : JU/SJ
Sample : K2138-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

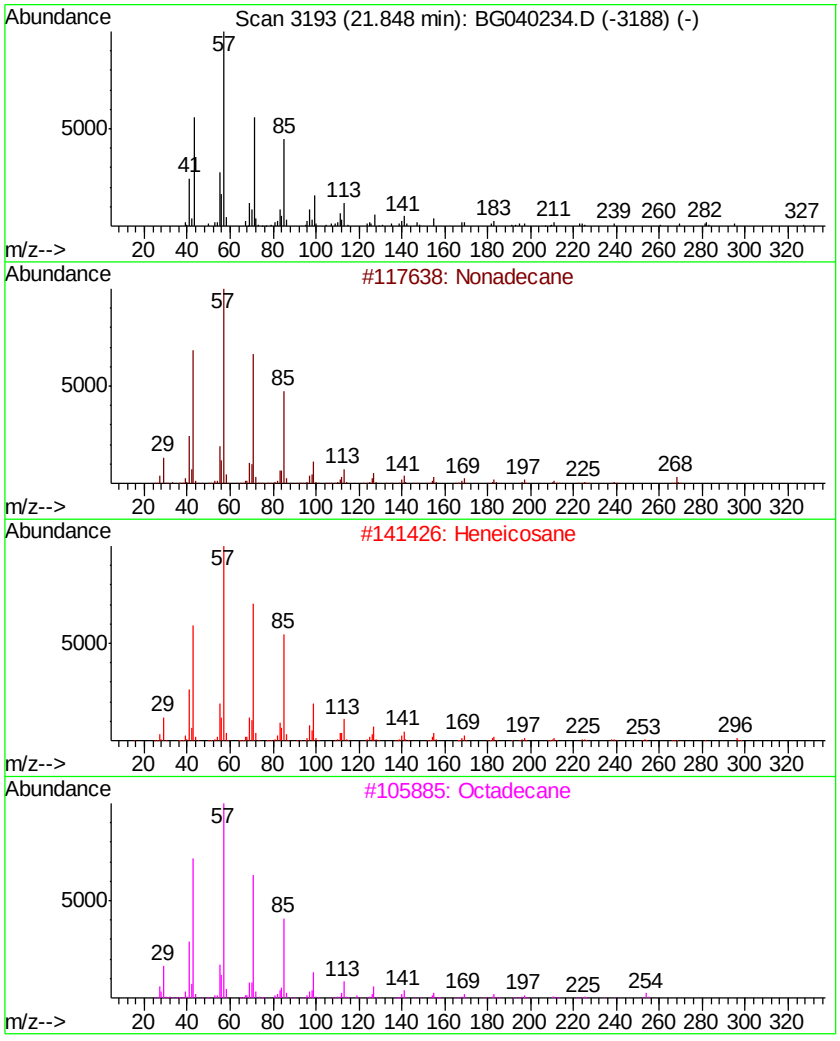
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

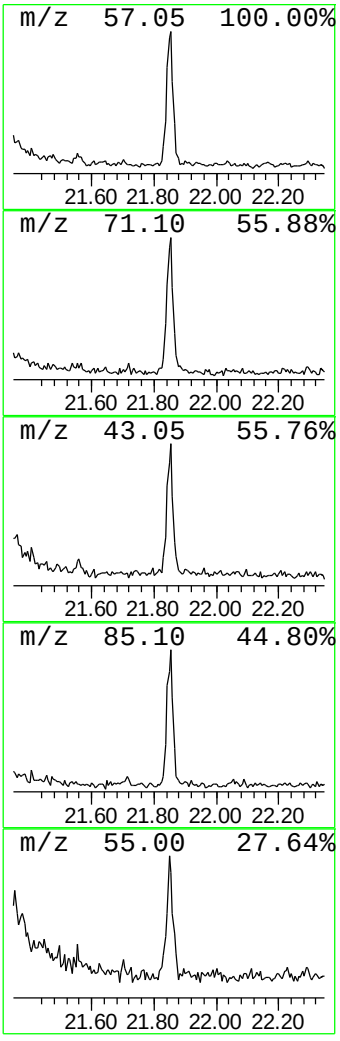
****

Peak Number 5 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	2.14 ng	126203	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040234.D
Acq On : 29 Mar 2019 20:36
Operator : JU/SJ
Sample : K2138-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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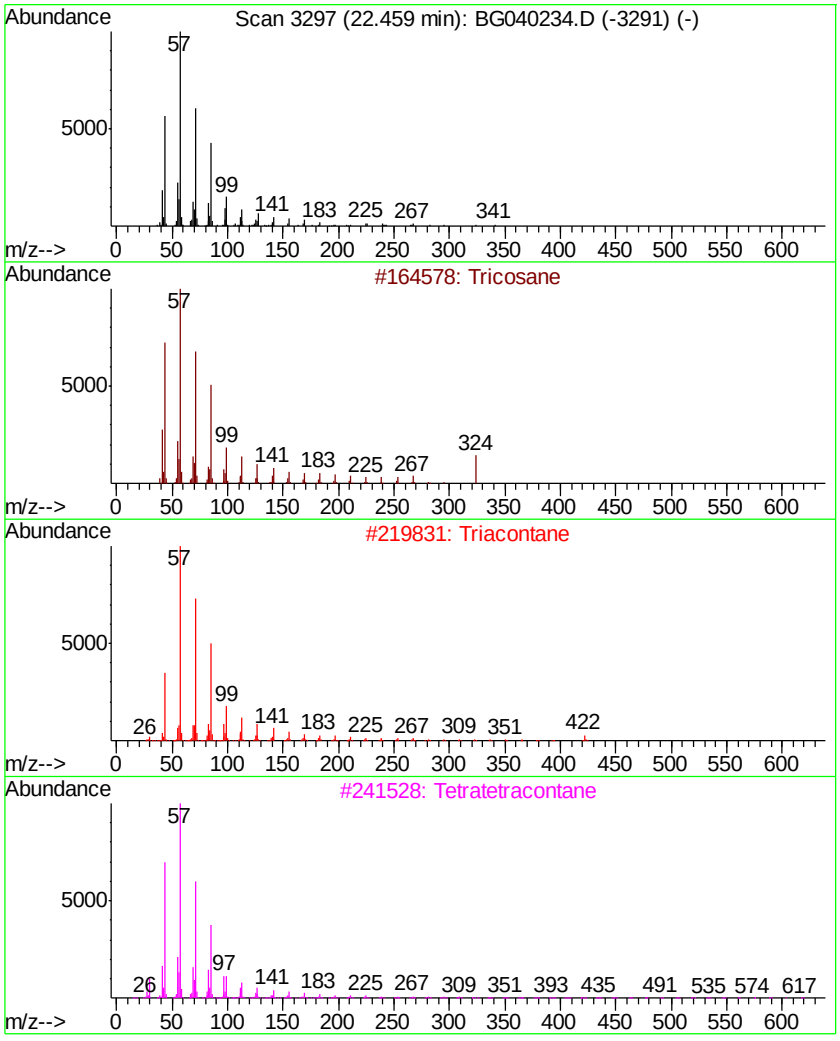
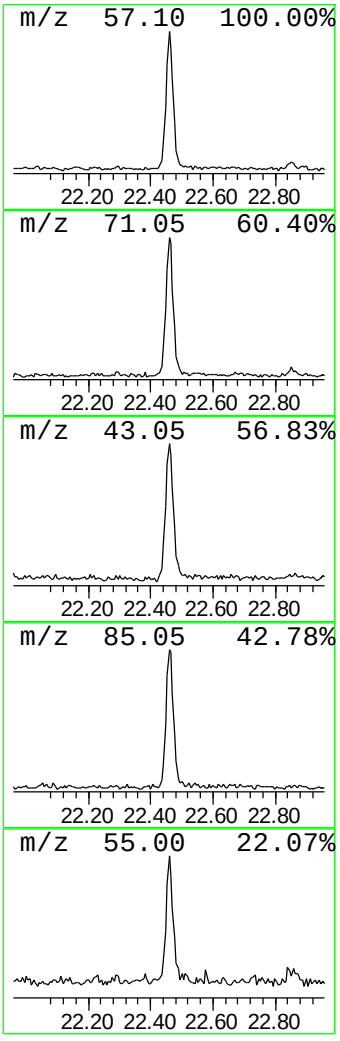
Peak Number 6 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	3.91 ng	230483	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Operator : JU/SJ
Sample : K2138-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

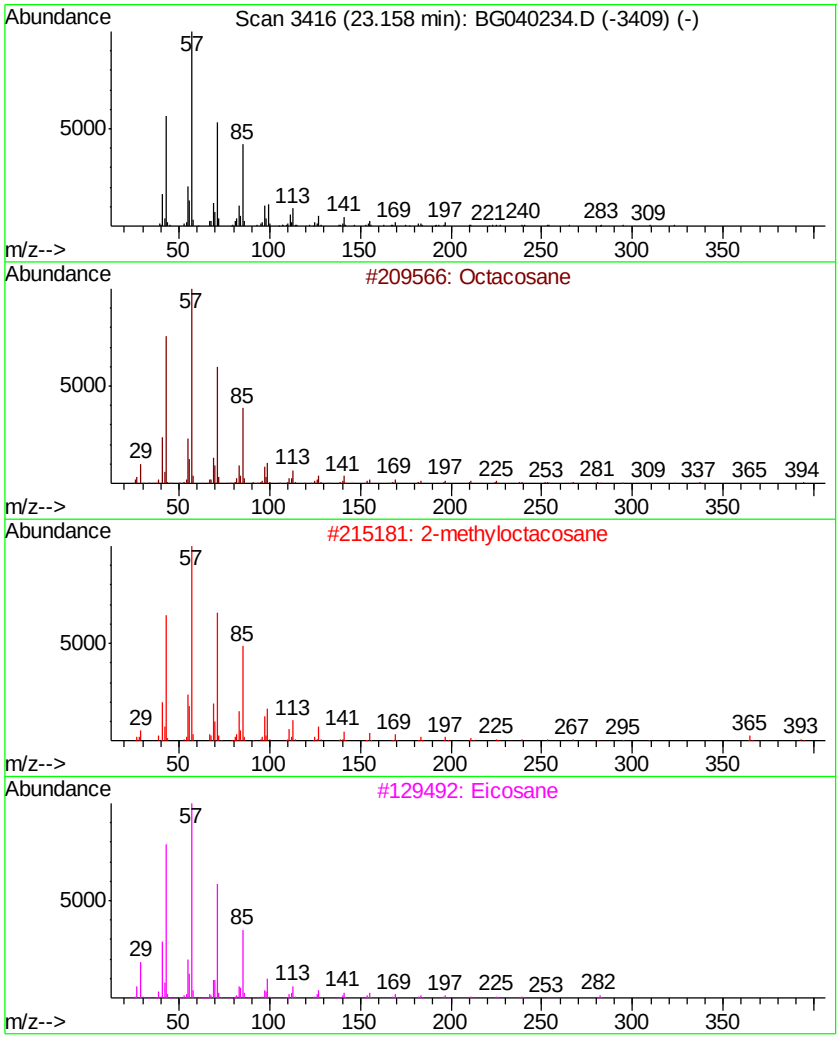
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

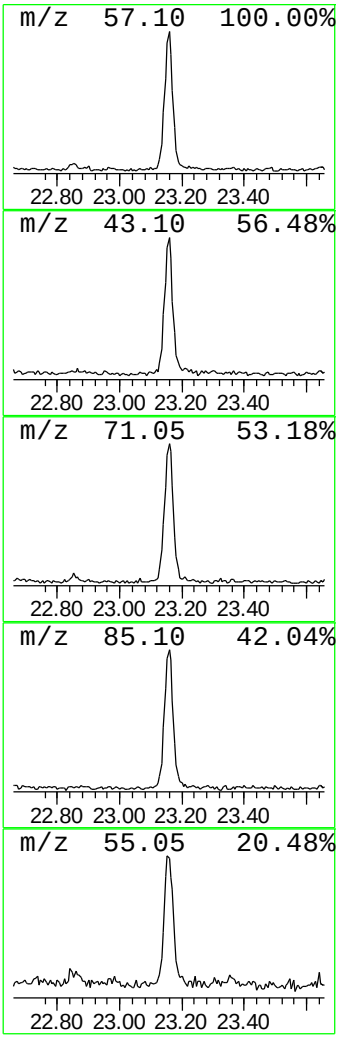
****

Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.77 ng	281113	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

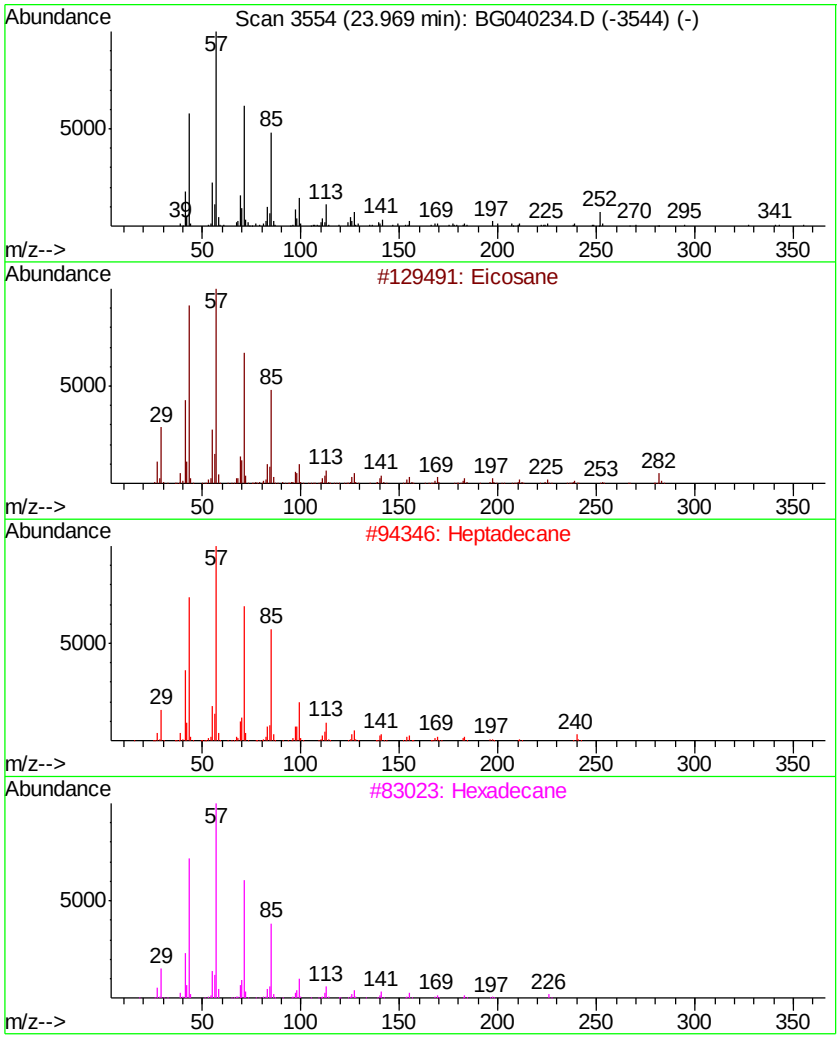
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

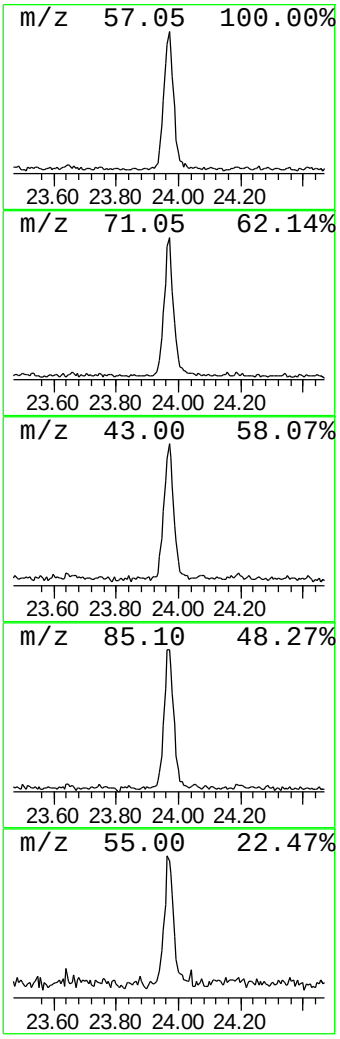
****

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	5.29 ng	305569	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Docosane	310	C22H46	000629-97-0	80





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TIC Library : C:\Database\NIST11.L
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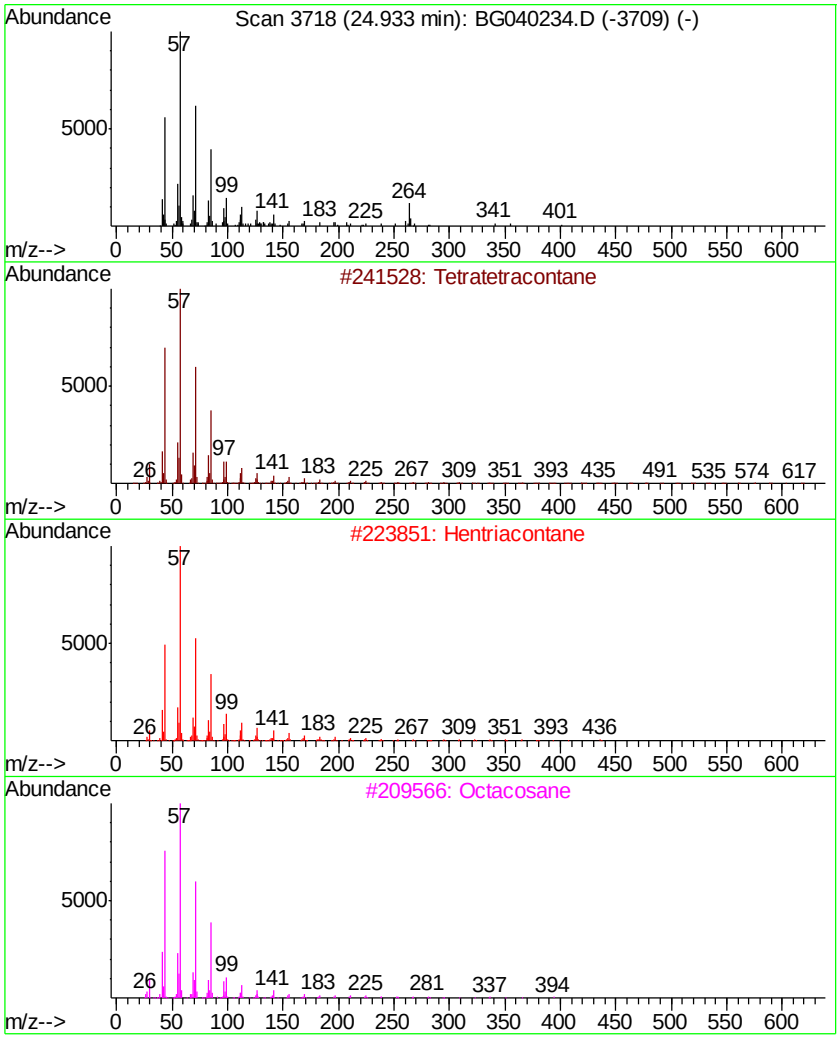
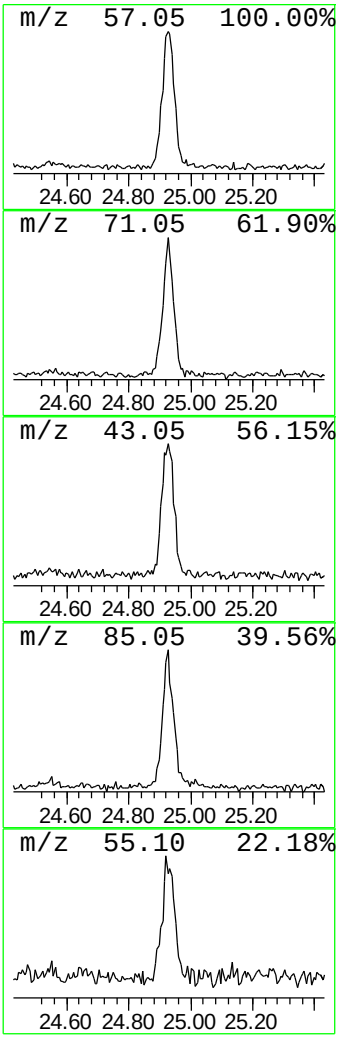
Peak Number 9 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	2.71 ng	156785	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Docosane	310	C22H46	000629-97-0	87
5	Pentacosane	352	C25H52	000629-99-2	83





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Instrument : BNA_G
ClientSampleId : S6B(12-20)COMP

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

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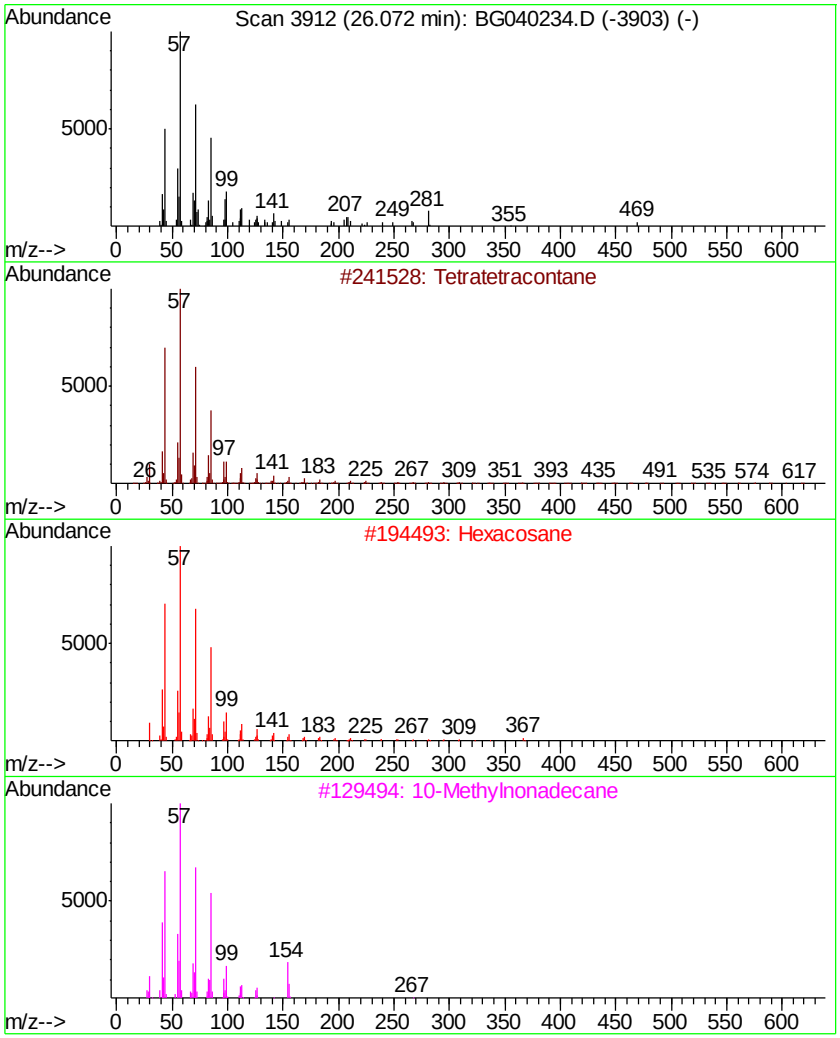
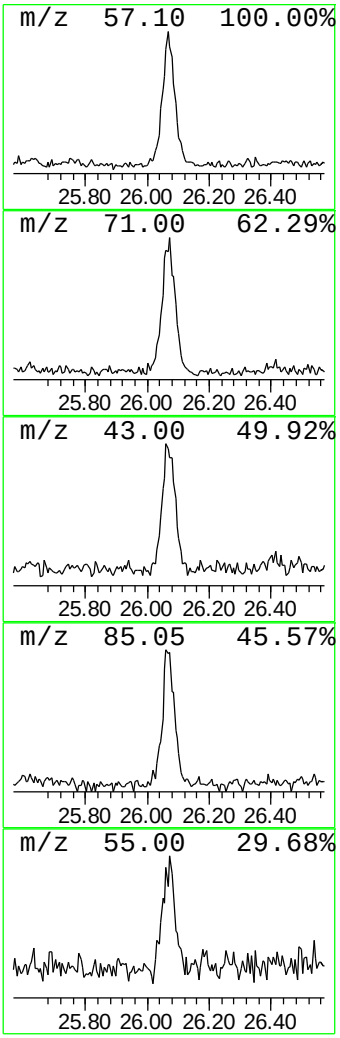
Peak Number 10 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	2.06 ng	119298	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptacosane	380	C27H56	000593-49-7	86





Tentatively Identified Compound (LSC) summary

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ClientSampleId : S6B(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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
unknown7.59	7.59	113.6	ng	1979920	1	8.06	348723	20.0
Sulfurous acid, o...	21.31	3.2	ng	188574	5	21.71	1177990	20.0
Nonadecane	21.85	2.1	ng	126203	5	21.71	1177990	20.0
Tricosane	22.46	3.9	ng	230483	5	21.71	1177990	20.0
Octacosane	23.16	4.8	ng	281113	5	21.71	1177990	20.0
Eicosane	23.97	5.3	ng	305569	6	24.99	1156280	20.0
Tetratetracontane	24.93	2.7	ng	156785	6	24.99	1156280	20.0
Hexacosane	26.07	2.1	ng	119298	6	24.99	1156280	20.0