LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035355.D
Acq On : 23 Jun 2018 6:28
Operator : JU/SJ
Sample : J3587-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

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-BG060718.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	5.631	392	399	411	rBV	275878	459457	10.36%	2.552%
2	7.211	661	668	680	rBV	178698	348124	7.85%	1.933%
3	7.587	722	732	740	rBV	511327	907680	20.47%	5.041%
4	8.051	804	811	820	rBV	162857	287374	6.48%	1.596%
5	8.375	858	866	878	rVB	733978	1302504	29.38%	7.233%
6	9.215	1001	1009	1018	rBV	593141	1098385	24.77%	6.100%
7	10.859	1280	1289	1298	rBV	199870	365334	8.24%	2.029%
8	13.297	1696	1704	1712	rBV	1767781	2780154	62.71%	15.439%
9	14.120	1838	1844	1853	rBV	91232	137637	3.10%	0.764%
10	14.672	1930	1938	1946	rBV3	341750	583450	13.16%	3.240%
11	15.958	2153	2157	2162	rVB	101949	132408	2.99%	0.735%
12	16.158	2184	2191	2198	rBV	1017037	1469205	33.14%	8.159%
13	17.415	2398	2405	2412	rBV2	490470	747594	16.86%	4.152%
14	18.296	2549	2555	2563	rBV2	62168	94004	2.12%	0.522%
15	19.565	2767	2771	2778	rBV2	31853	45718	1.03%	0.254%
16	20.023	2843	2849	2859	rBV	3406723	4433653	100.00%	24.622%
17	21.328	3066	3071	3080	rBV3	53522	100057	2.26%	0.556%
18	21.680	3125	3131	3138	rBV2	542383	883084	19.92%	4.904%
19	21.874	3160	3164	3168	rBV2	45394	62687	1.41%	0.348%
20	22.485	3263	3268	3273	rBV2	58110	90274	2.04%	0.501%
21	23.178	3378	3386	3394	rBV2	89291	163020	3.68%	0.905%
22	23.983	3515	3523	3533	rVB3	92087	209900	4.73%	1.166%
23	24.905	3669	3680	3693	rVB3	315635	1033974	23.32%	5.742%
24	26.062	3865	3877	3885	rBV5	62307	184206	4.15%	1.023%
25	27.413	4099	4107	4117	rVB9	27193	87314	1.97%	0.485%

Sum of corrected areas: 18007197

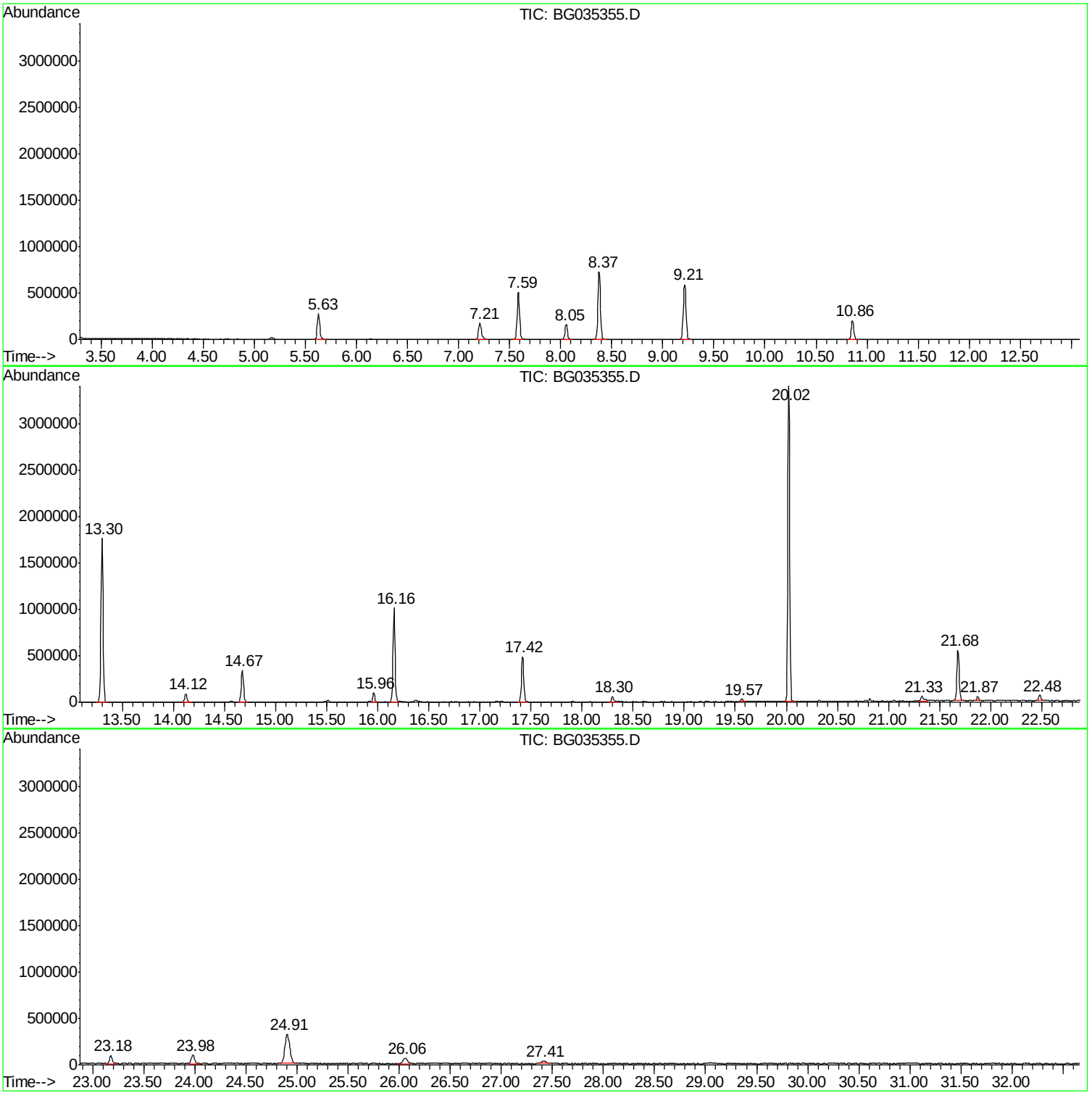
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035355.D
Acq On : 23 Jun 2018 6:28
Operator : JU/SJ
Sample : J3587-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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\BG062218\
Data File : BG035355.D
Acq On : 23 Jun 2018 6:28
Operator : JU/SJ
Sample : J3587-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

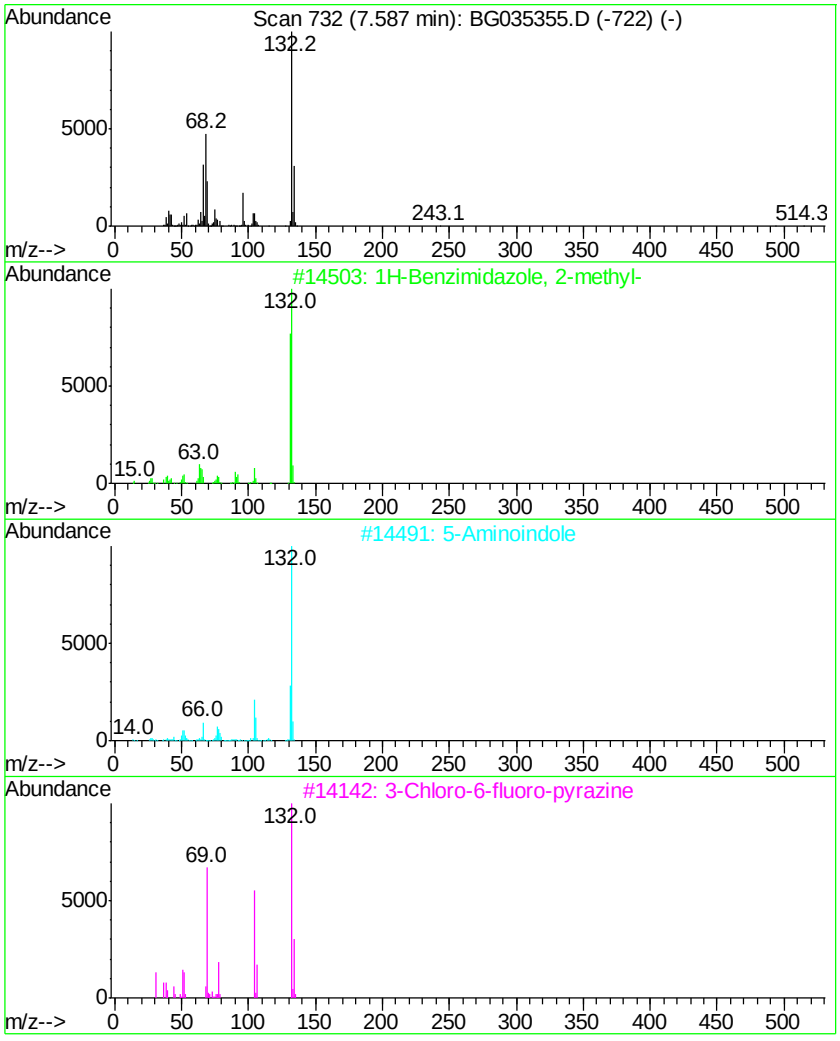
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

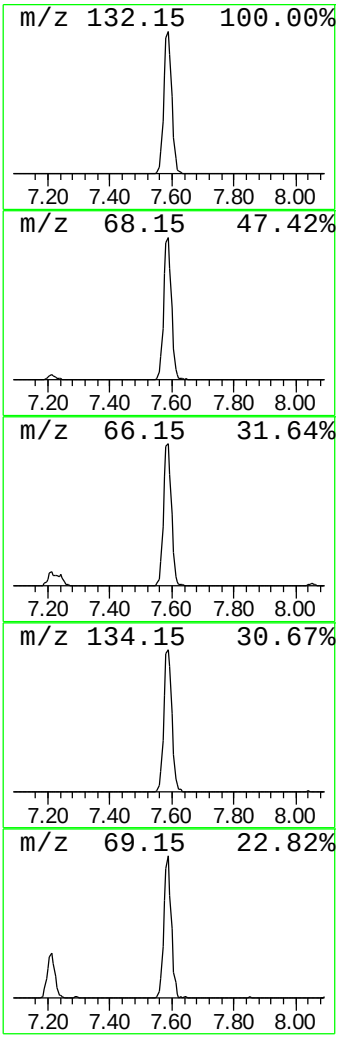
****

Peak Number 1 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	63.17 ng	907680	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Amphetaminil	250	C17H18N2	017590-01-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035355.D
Acq On : 23 Jun 2018 6:28
Operator : JU/SJ
Sample : J3587-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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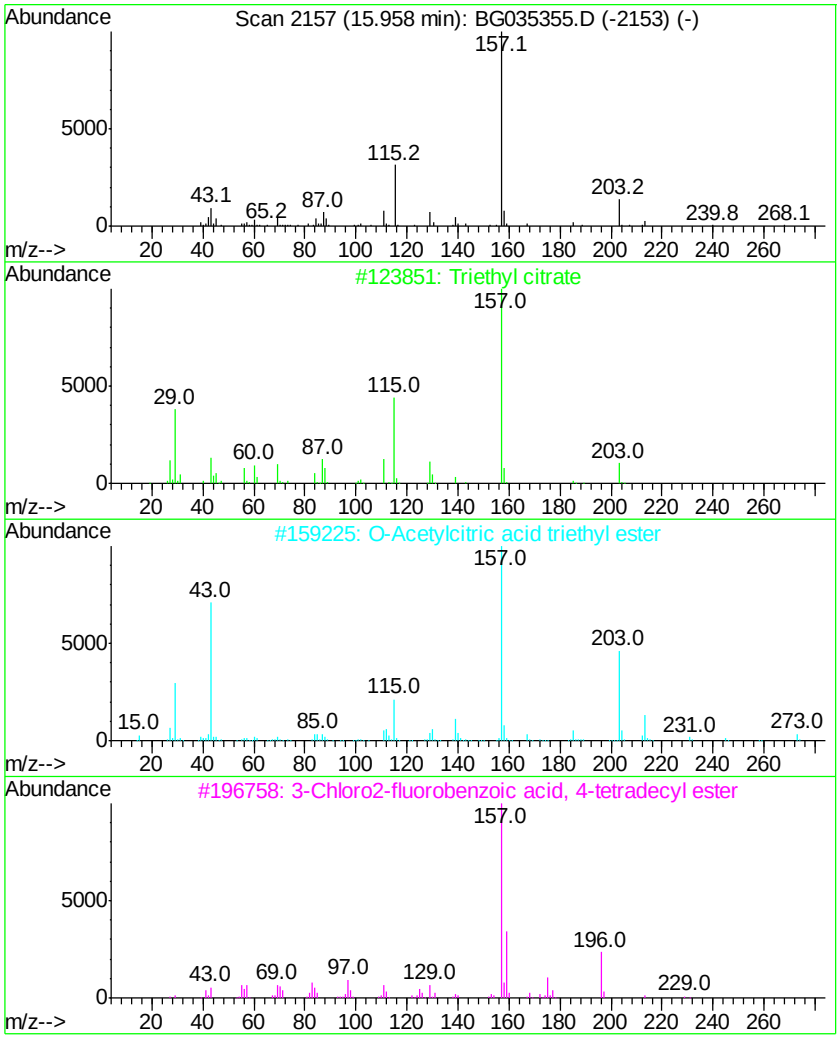
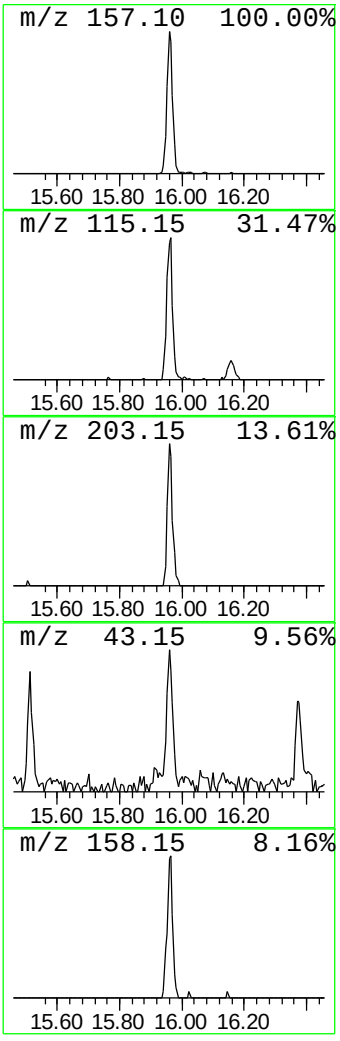
Peak Number 3 Triethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.54 ng	132408	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	83
2	O-Acetylcitric acid triethyl ester	318	C14H22O8	000077-89-4	56
3	3-Chloro2-fluorobenzoic acid, 4-...	370	C21H32ClFO2	1000338-64-7	36
4	3-Chloro2-fluorobenzoic acid, 5-...	384	C22H34ClFO2	1000338-65-2	36
5	3-Chloro2-fluorobenzoic acid, 4-...	356	C20H30ClFO2	1000338-64-4	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035355.D
Acq On : 23 Jun 2018 6:28
Operator : JU/SJ
Sample : J3587-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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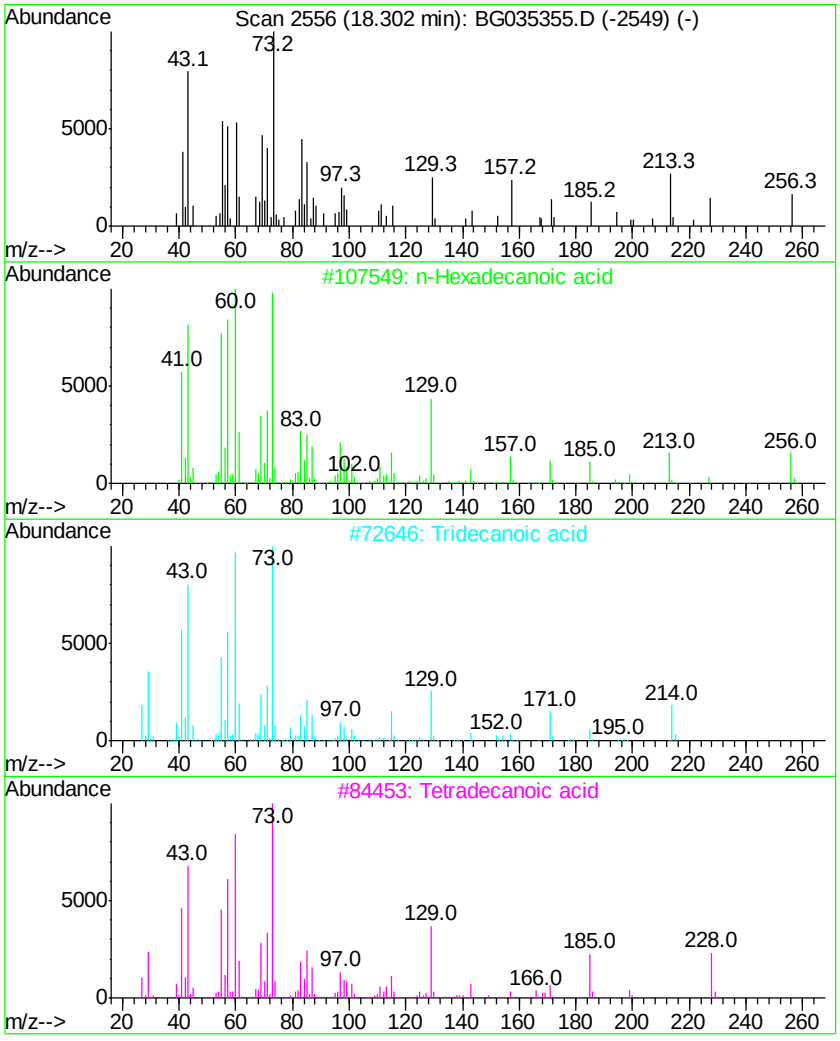
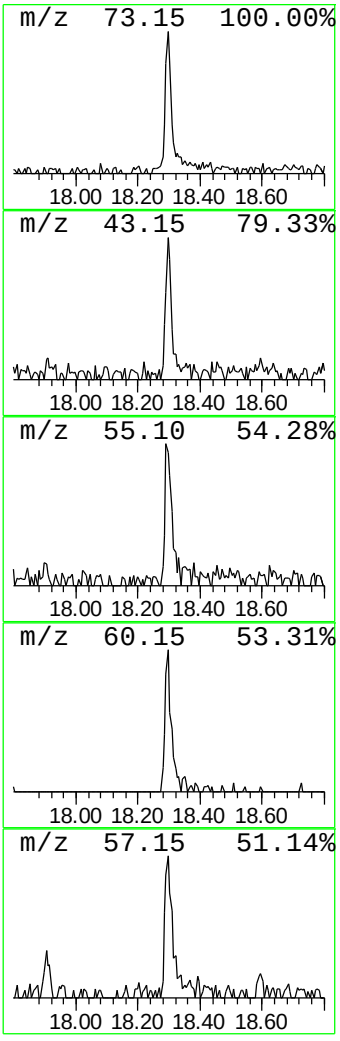
Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.51 ng	94004	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035355.D
Acq On : 23 Jun 2018 6:28
Operator : JU/SJ
Sample : J3587-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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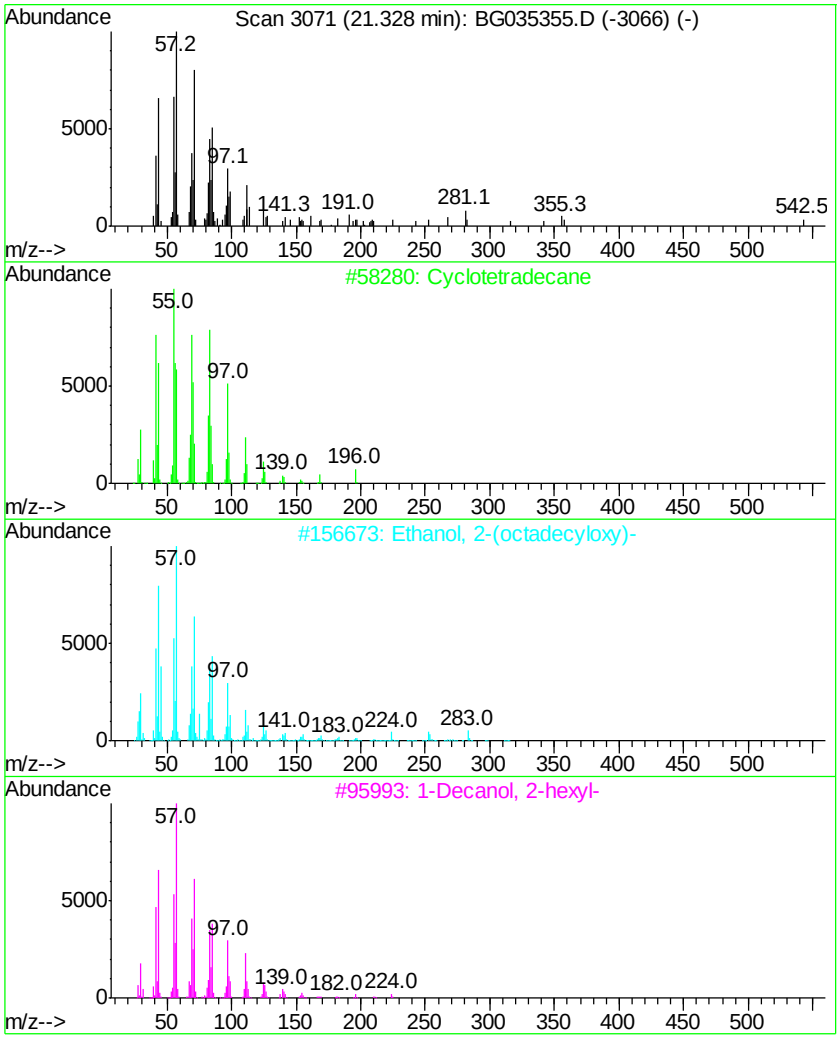
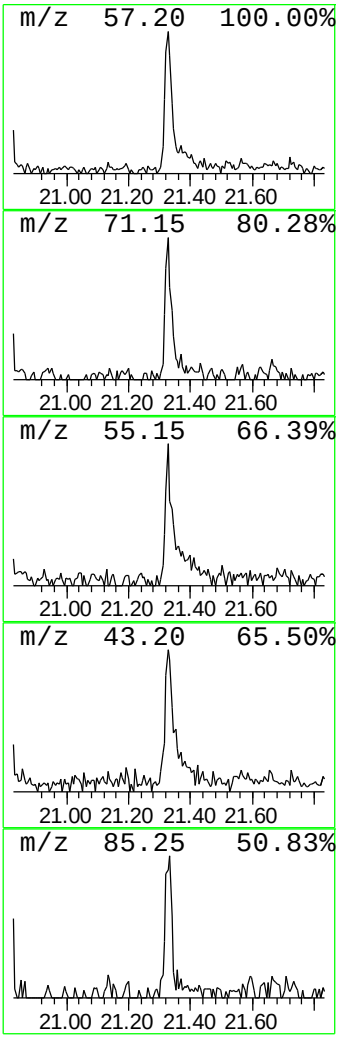
Peak Number 5 Cyclotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.27 ng	100057	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	86
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	74
5	1-Tridecene	182	C13H26	002437-56-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035355.D
Acq On : 23 Jun 2018 6:28
Operator : JU/SJ
Sample : J3587-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

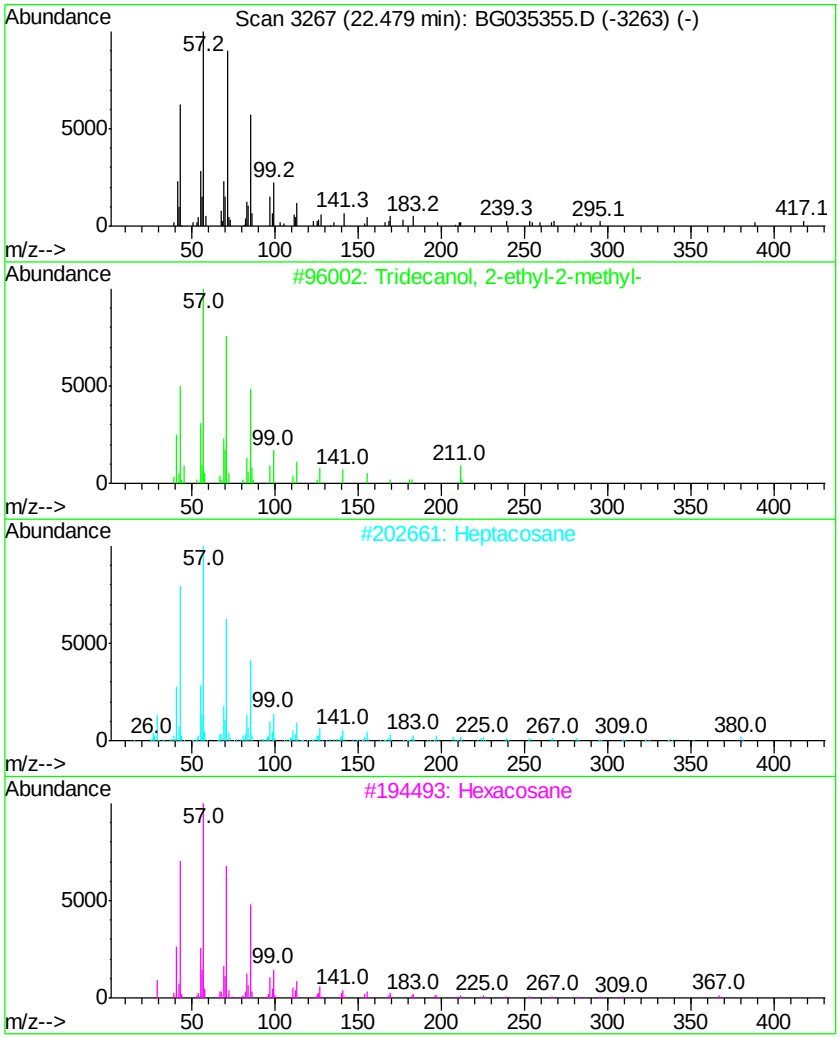
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

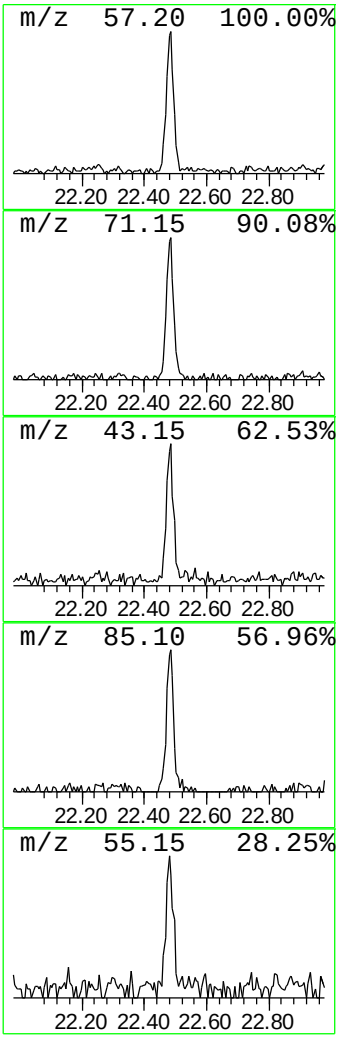
****

Peak Number 6 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.04 ng	90274	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Misc :
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Instrument : BNA_G
ClientSampleId : 061818-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

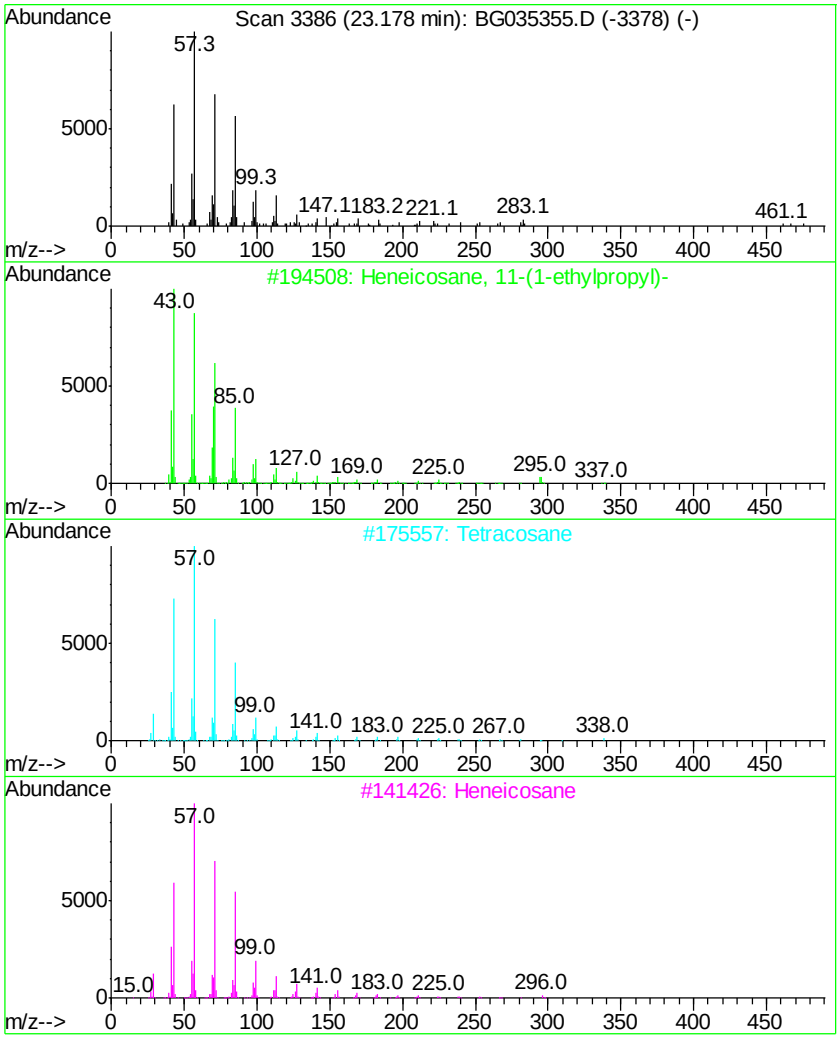
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

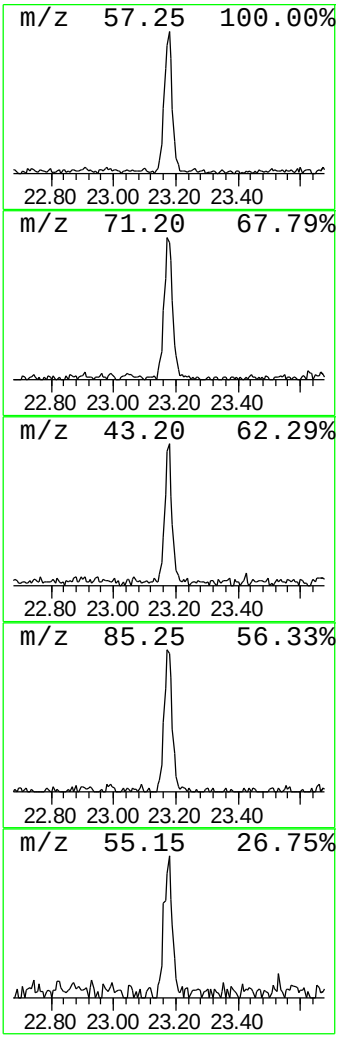
****

Peak Number 7 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.69 ng	163020	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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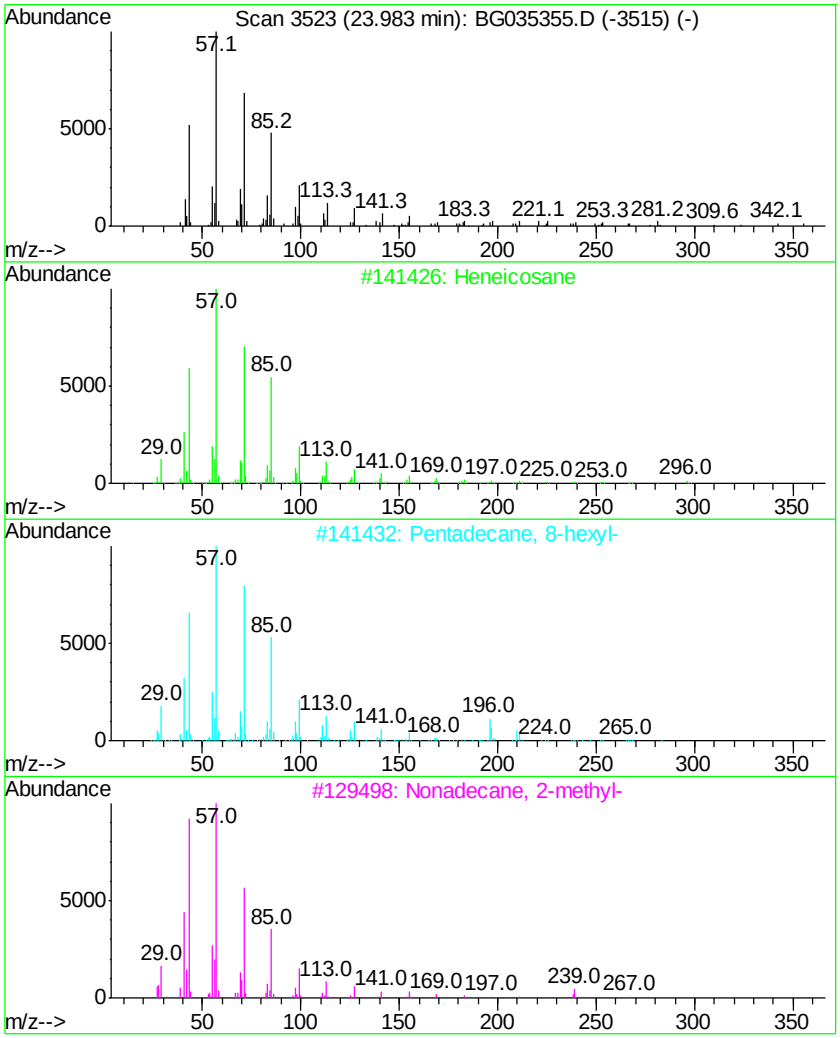
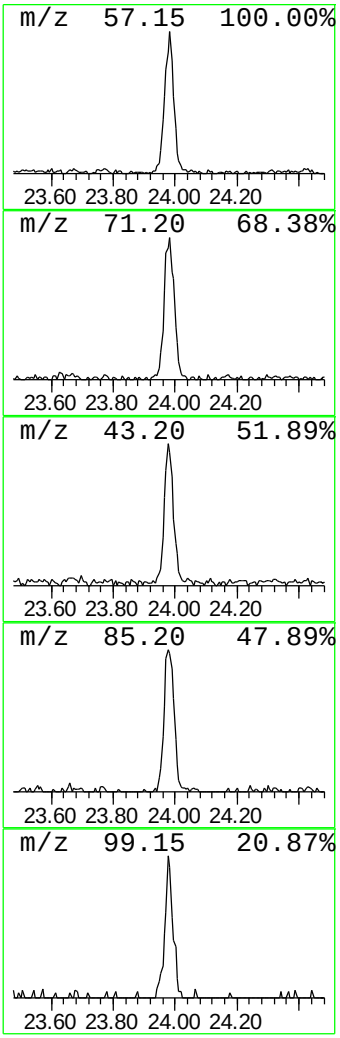
Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	4.06 ng	209900	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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TIC Library : C:\Database\NIST11.L
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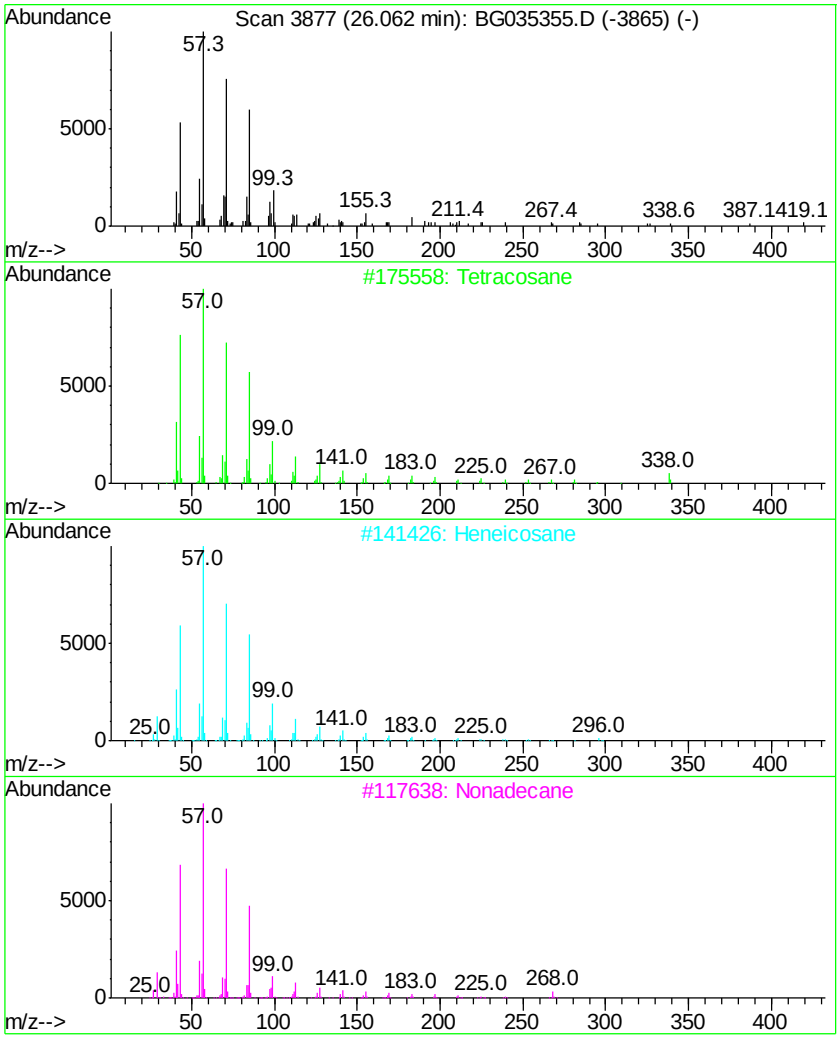
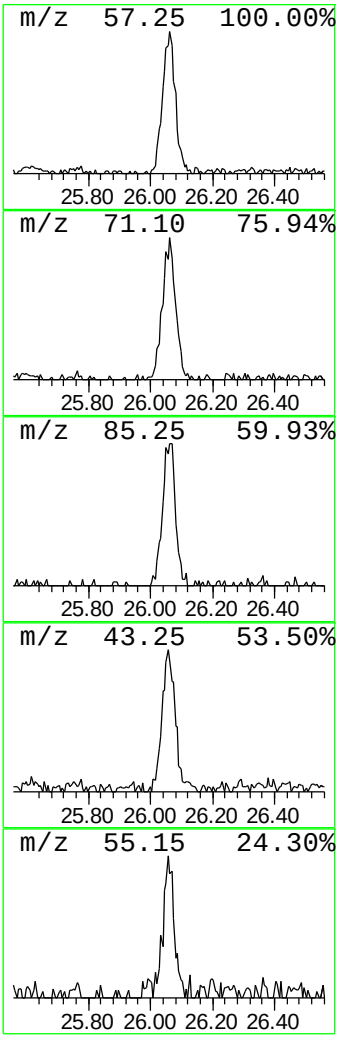
****

Peak Number 9 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	3.56 ng	184206	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Docosane	310	C22H46	000629-97-0	87
5	Triacontane	422	C30H62	000638-68-6	86





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
unknown7.59	7.59	63.2	ng	907680	1	8.05	287374	20.0
Triethyl citrate	15.96	4.5	ng	132408	3	14.67	583450	20.0
n-Hexadecanoic acid	18.30	2.5	ng	94004	4	17.42	747594	20.0
Cyclotetradecane	21.33	2.3	ng	100057	5	21.68	883084	20.0
Tridecanol, 2-eth...	22.48	2.0	ng	90274	5	21.68	883084	20.0
Heneicosane, 11-(...	23.18	3.7	ng	163020	5	21.68	883084	20.0
Heneicosane	23.98	4.1	ng	209900	6	24.90	1033970	20.0
Tetracosane	26.06	3.6	ng	184206	6	24.90	1033970	20.0