LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041506.D
Acq On : 28 Jun 2019 3:50
Operator : HP/JU
Sample : K3552-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-8

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	5.568	416	422	433	rBV	357757	616402	31.23%	5.921%
2	7.184	690	697	711	rBV	410757	730156	36.99%	7.014%
3	7.554	754	760	774	rVB	398152	713371	36.14%	6.853%
4	8.030	835	841	849	rBV	100191	180430	9.14%	1.733%
5	8.353	889	896	905	rBV	316251	545737	27.65%	5.242%
6	9.211	1035	1042	1054	rBV	247062	464021	23.51%	4.457%
7	10.850	1315	1321	1330	rBV	119458	224609	11.38%	2.158%
8	13.294	1730	1737	1750	rBV	759791	1141041	57.81%	10.961%
9	14.123	1871	1878	1892	rBV	84371	141636	7.18%	1.361%
10	14.675	1966	1972	1980	rBV	228464	353997	17.93%	3.401%
11	16.167	2219	2226	2246	rBV	610382	949118	48.08%	9.117%
12	17.425	2433	2440	2450	rBV	327741	486017	24.62%	4.669%
13	18.283	2581	2586	2596	rBV5	13670	35726	1.81%	0.343%
14	20.022	2876	2882	2891	rBV	1533578	1973854	100.00%	18.961%
15	21.696	3158	3167	3173	rBV2	349304	585004	29.64%	5.620%
16	21.837	3186	3191	3196	rVB3	17704	26663	1.35%	0.256%
17	22.436	3288	3293	3299	rVB2	26423	42903	2.17%	0.412%
18	22.824	3356	3359	3364	rBV5	12934	21000	1.06%	0.202%
19	23.136	3406	3412	3419	rBV2	39637	71367	3.62%	0.686%
20	23.353	3441	3449	3457	rVB5	36352	88026	4.46%	0.846%
21	23.946	3542	3550	3558	rBV3	42821	98259	4.98%	0.944%
22	24.898	3705	3712	3717	rBV4	40267	94858	4.81%	0.911%
23	24.981	3717	3726	3744	rVB2	188137	556945	28.22%	5.350%
24	26.038	3897	3906	3919	rVB5	37176	109580	5.55%	1.053%
25	27.401	4129	4138	4150	rBV7	25161	93111	4.72%	0.894%
26	29.052	4409	4419	4432	rBV8	16418	66306	3.36%	0.637%

Sum of corrected areas: 10410137

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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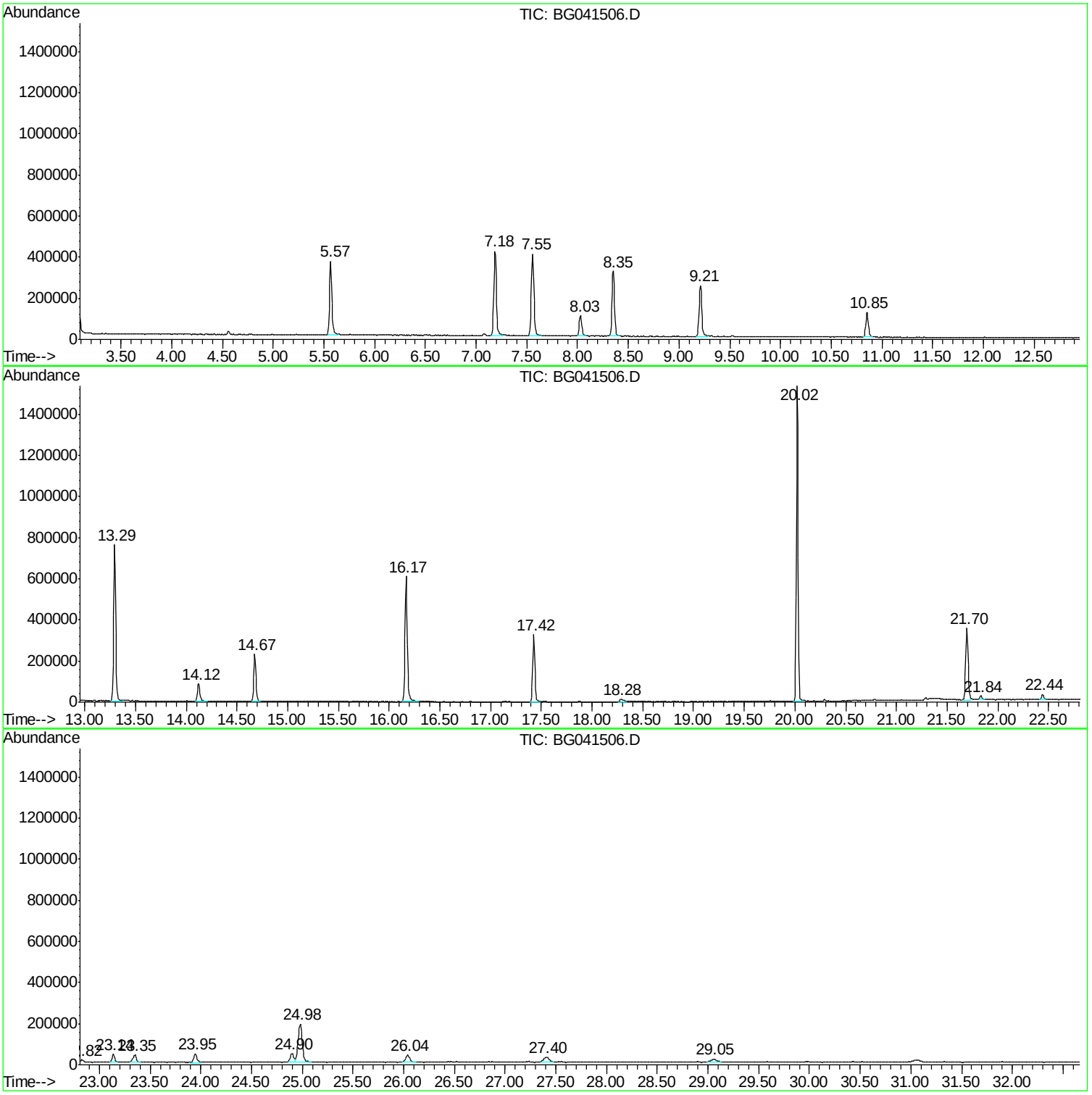
Operator : HP/JU
Sample : K3552-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-8

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

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Data File : BG041506.D
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Operator : HP/JU
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Instrument : BNA_G
ClientSampleId : M-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

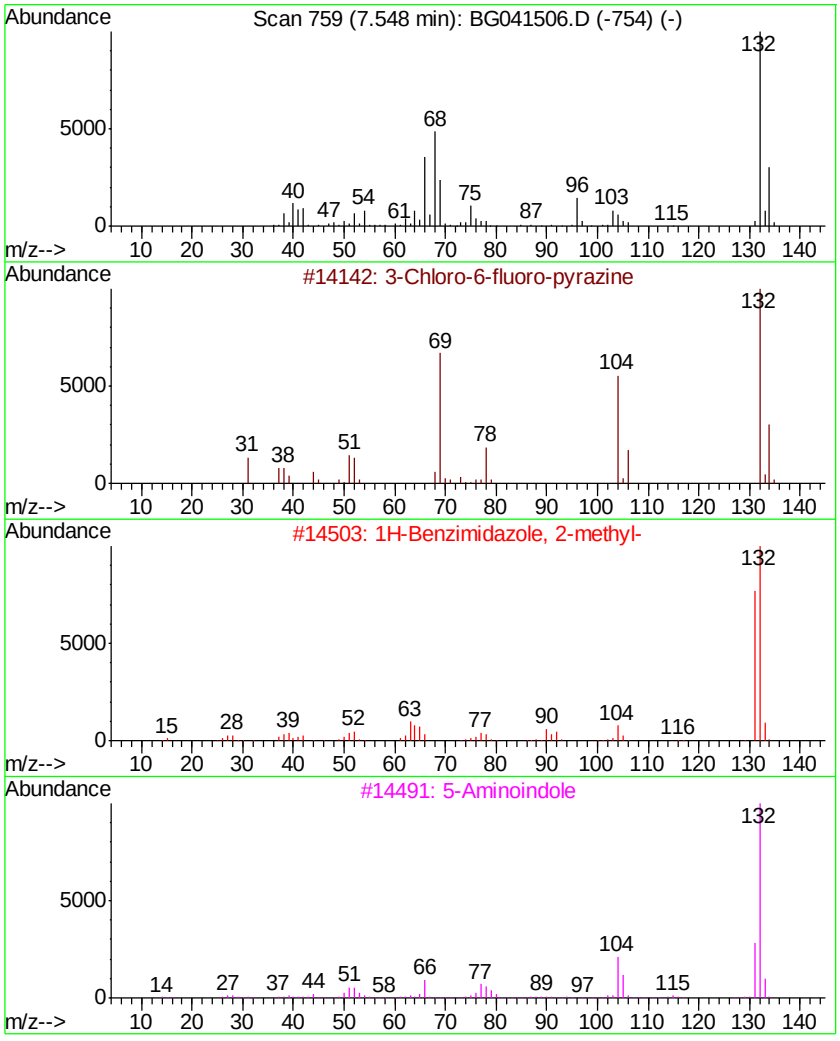
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

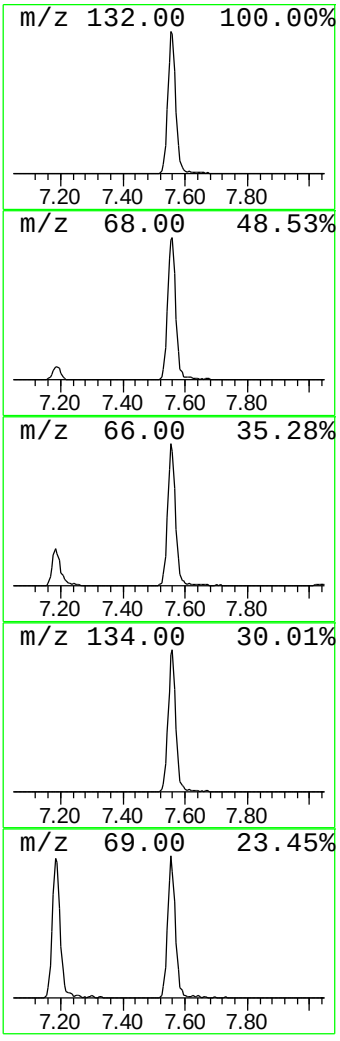
****

Peak Number 1 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	79.07 ng	713371	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





Library Search Compound Report

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Data File : BG041506.D
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Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-8

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

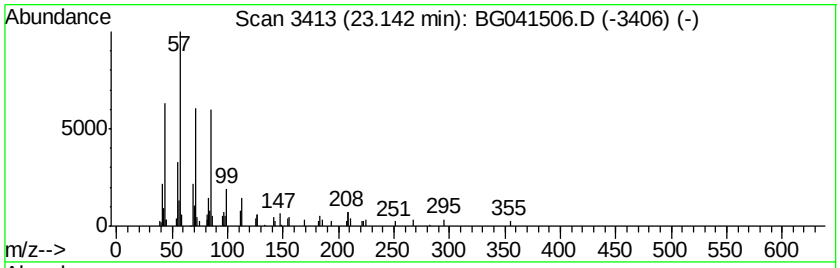
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

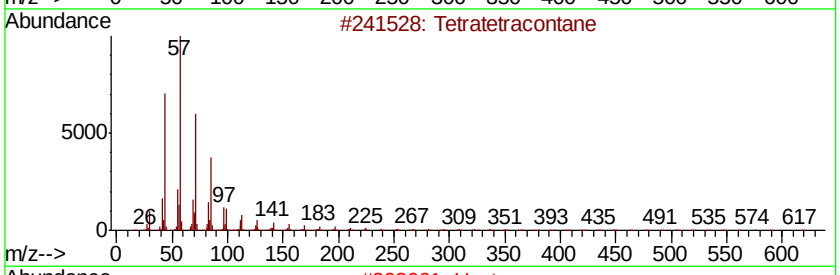
****

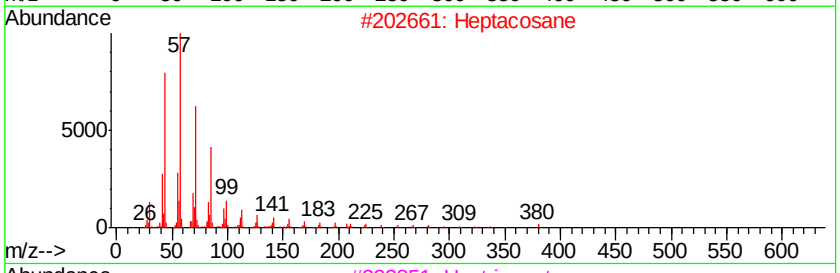
Peak Number 3 Tetratetracontane Concentration Rank 8

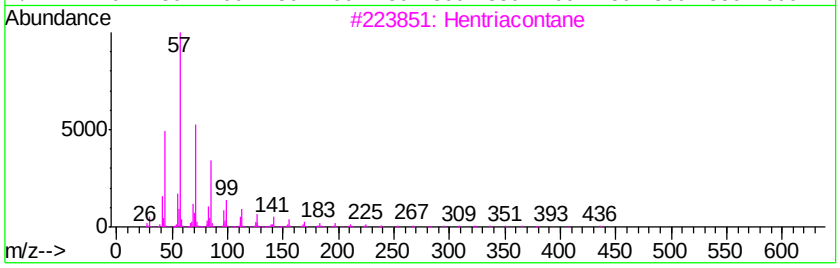
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.44 ng	71367	Chrysene-d12	21.70

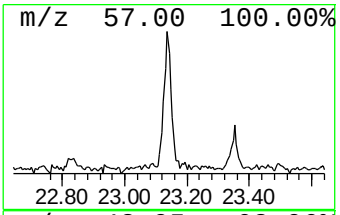
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90

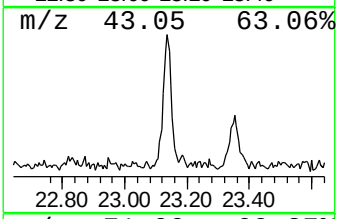


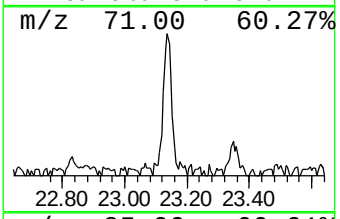


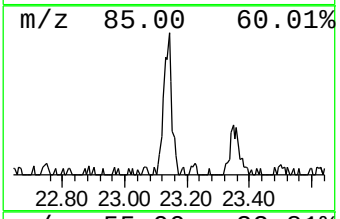


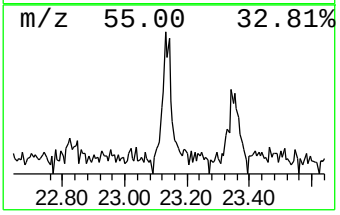












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Data File : BG041506.D
Acq On : 28 Jun 2019 3:50
Operator : HP/JU
Sample : K3552-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-8

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

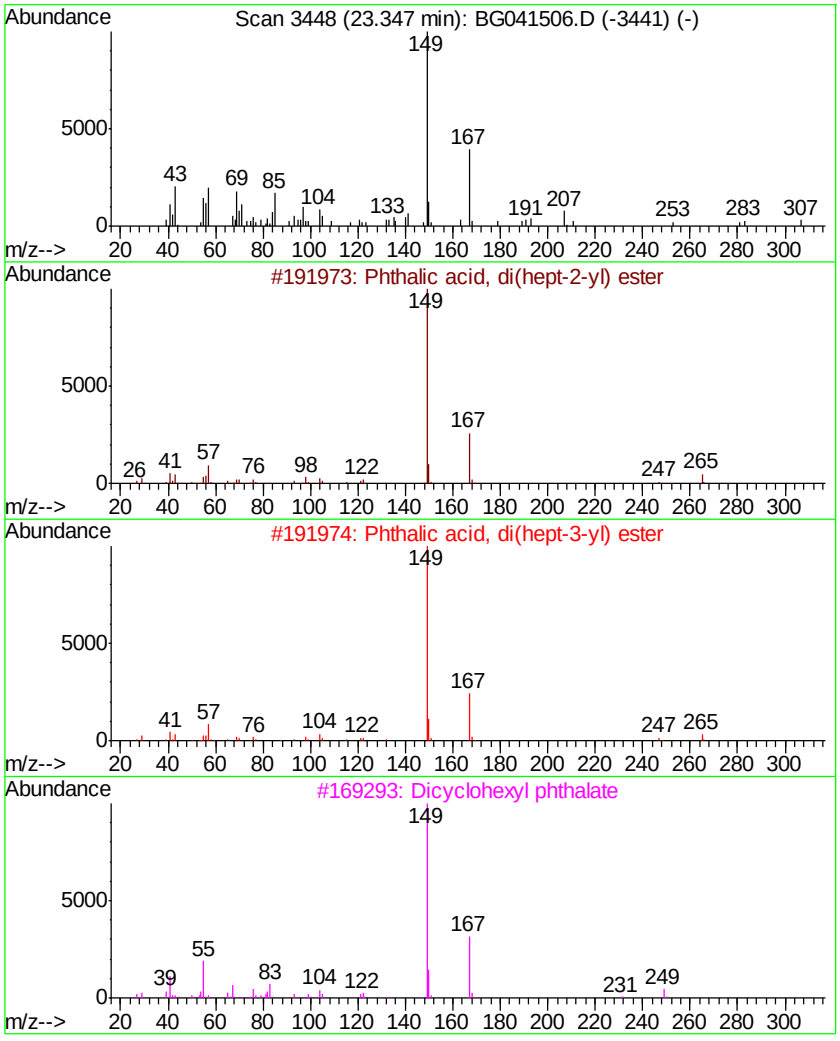
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

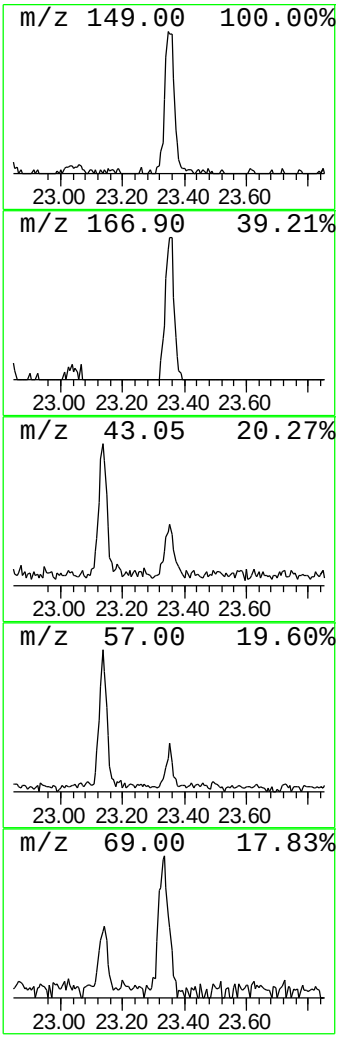
****

Peak Number 4 Phthalic acid, di(hept-2-yl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	3.16 ng	88026	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	59
2	Phthalic acid, di(hept-3-yl) ester	362	C22H34O4	1000357-00-0	53
3	Dicyclohexyl phthalate	330	C20H26O4	000084-61-7	53
4	Phthalic acid, 2-ethylbutyl octy...	362	C22H34O4	1000356-89-3	50
5	Phthalic acid, isobutyl octadecy...	474	C30H50O4	1000309-06-1	50





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

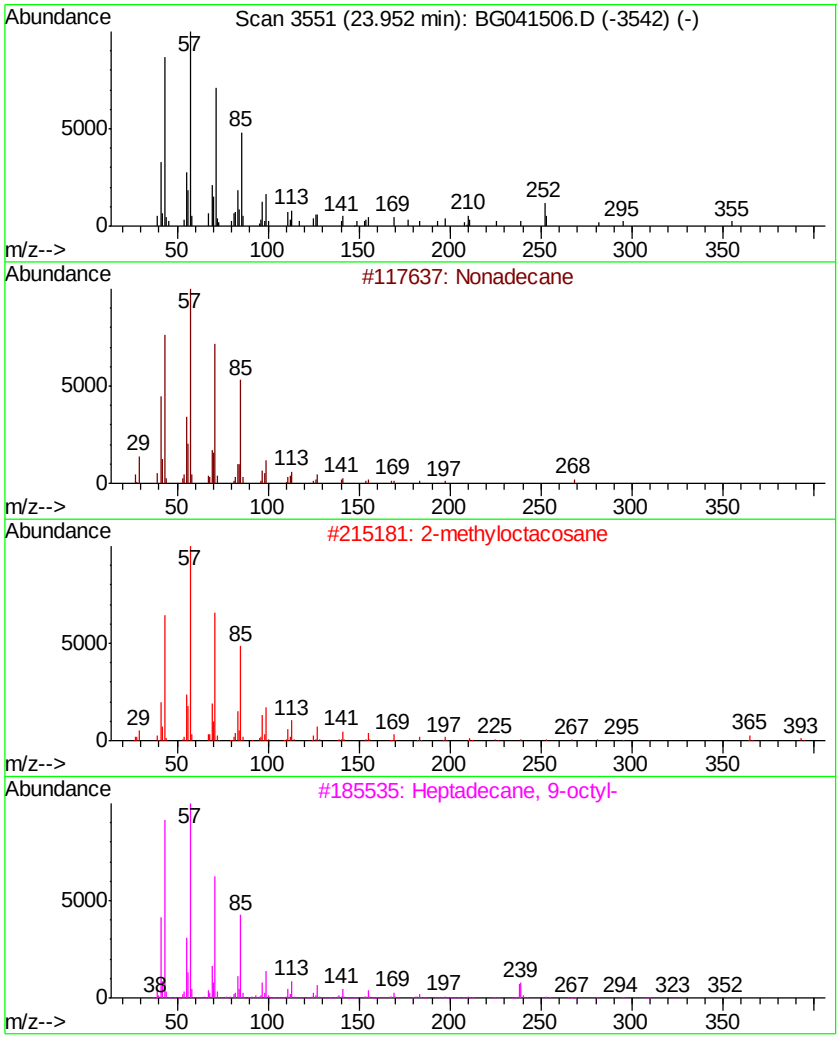
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

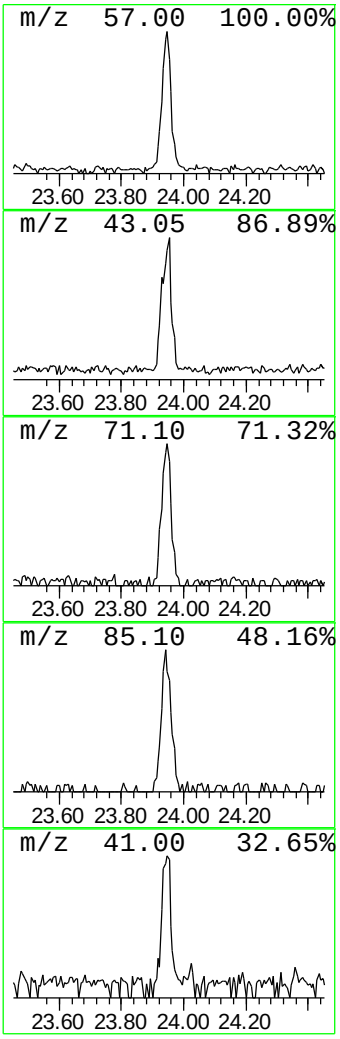
****

Peak Number 5 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.53 ng	98259	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : M-8

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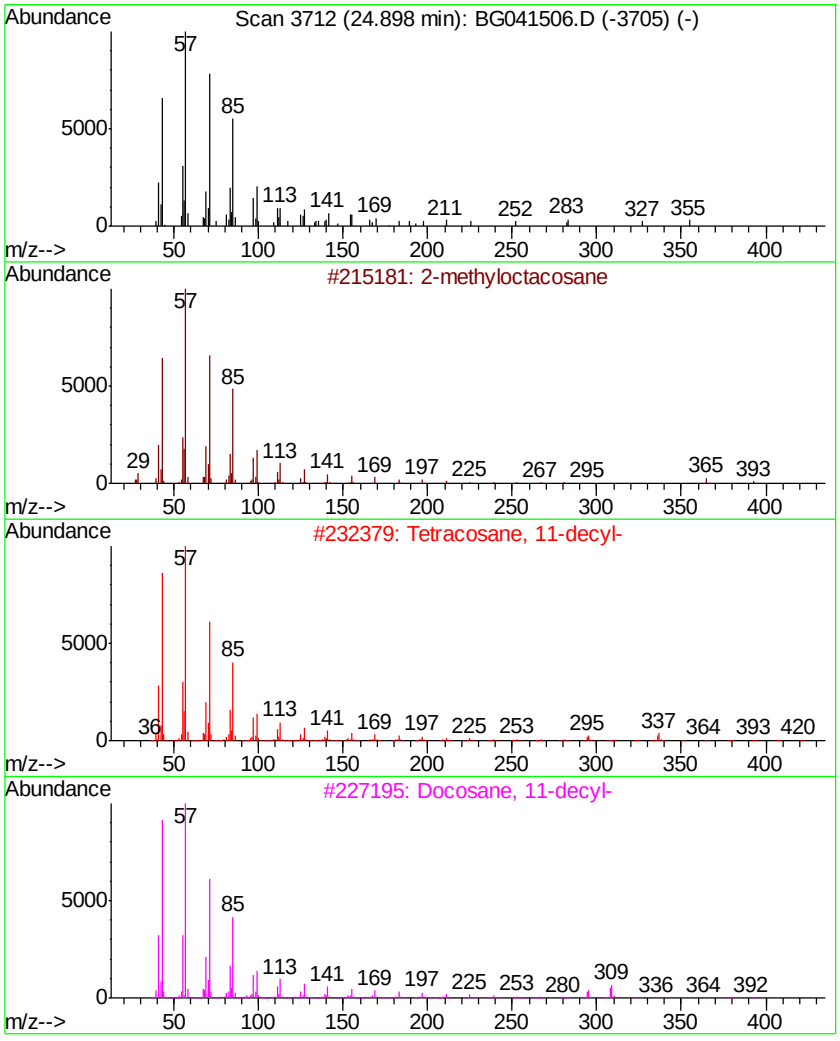
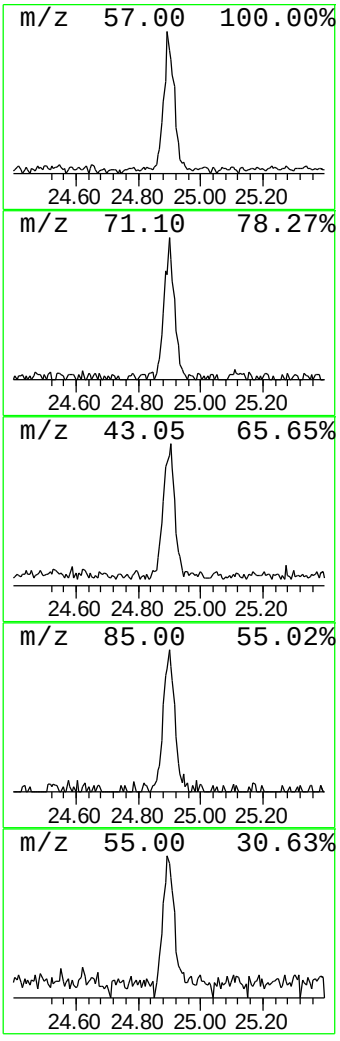
****

Peak Number 6 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	3.41 ng	94858	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	86
5	Hexacosane	366	C26H54	000630-01-3	83





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

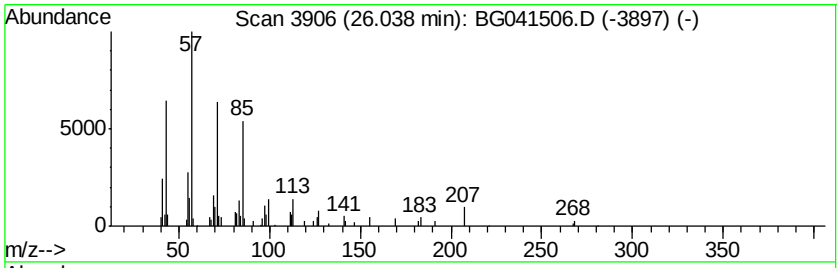
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

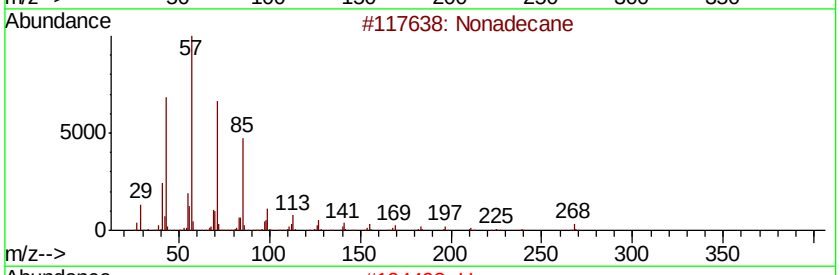
****

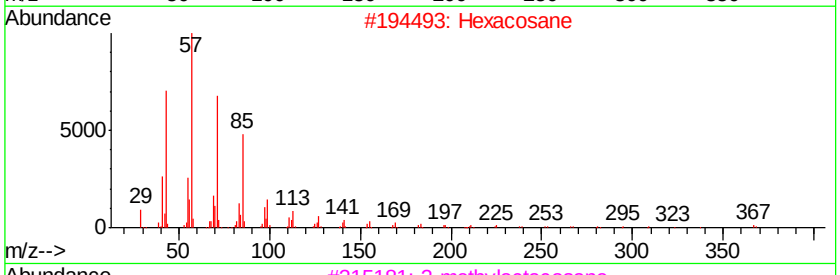
Peak Number 7 Nonadecane Concentration Rank 3

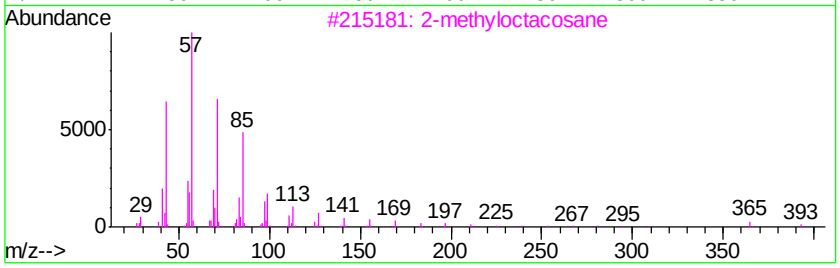
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	3.94 ng	109580	Perylene-d12	24.98

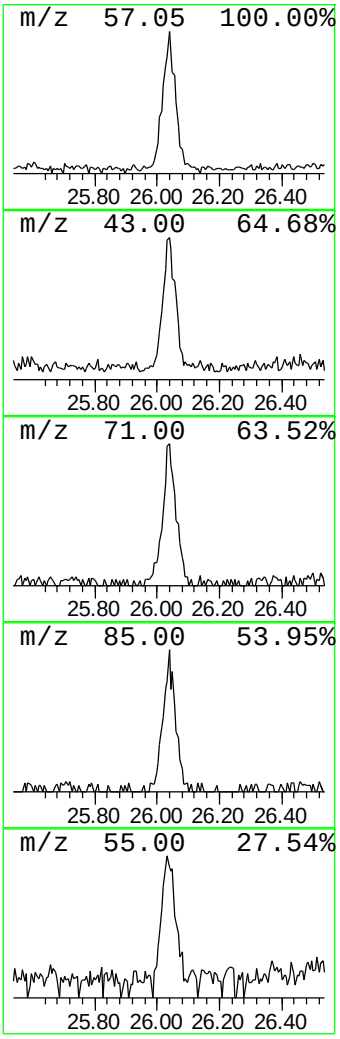
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Hexacosane	366	C26H54	000630-01-3	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Hexatriacontane	507	C36H74	000630-06-8	83











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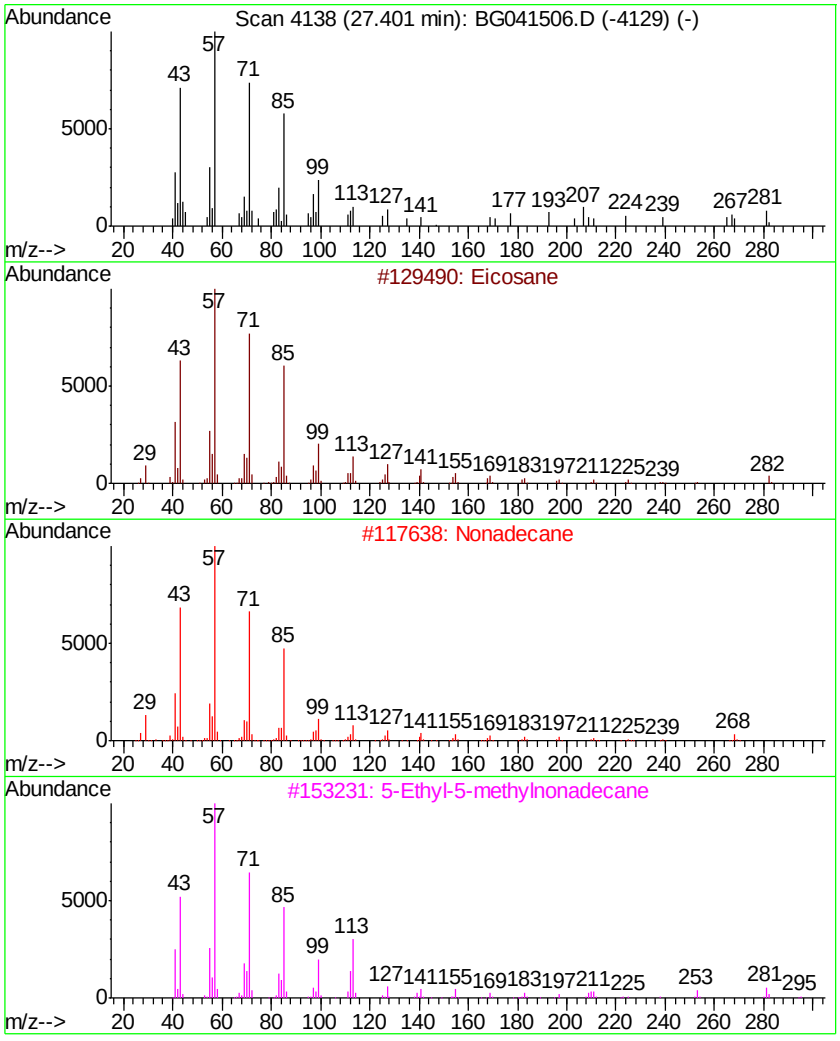
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

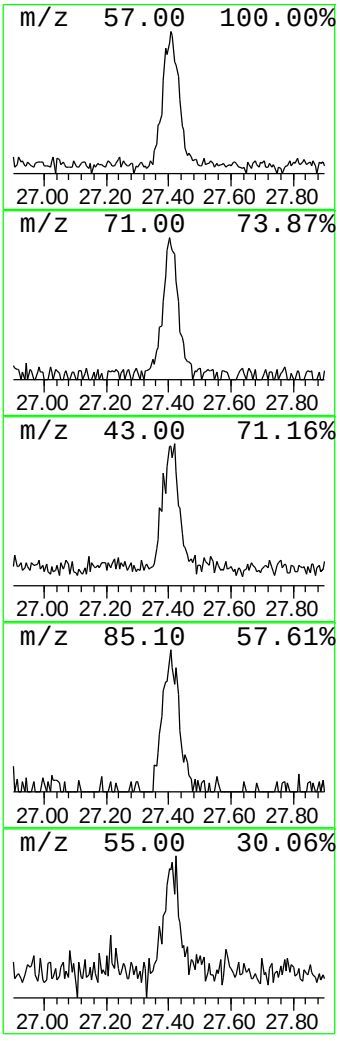
****

Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.40	3.34 ng	93111	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Nonadecane	268	C19H40	000629-92-5	76
3	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Heneicosane	296	C21H44	000629-94-7	59





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Sample : K3552-15
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

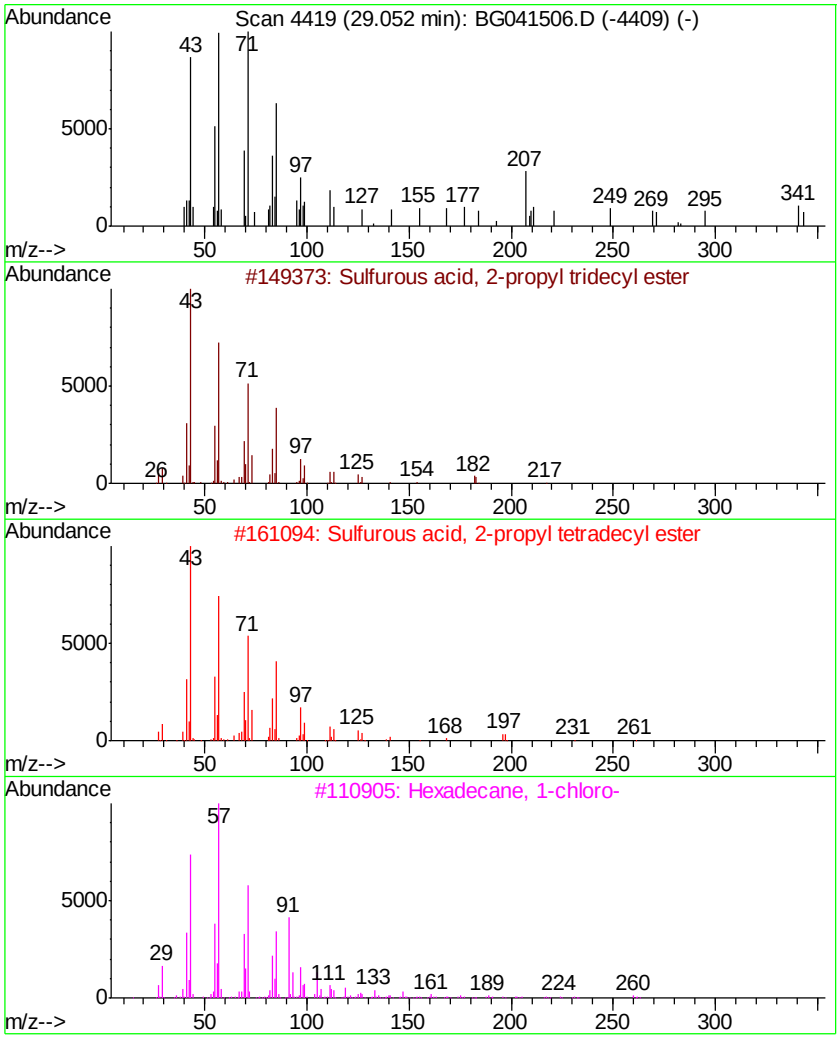
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

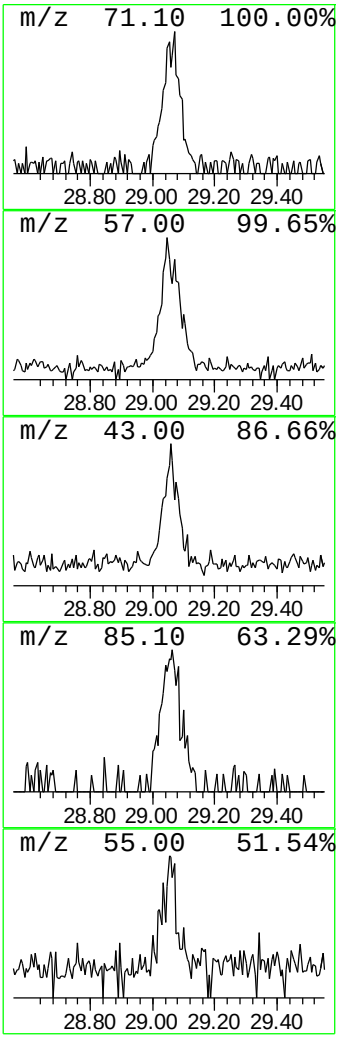
****

Peak Number 9 Sulfurous acid, 2-propyl tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.05	2.38 ng	66306	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	53
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	53
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53
4	Tridecane	184	C13H28	000629-50-5	53
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
Data File : BG041506.D
Acq On : 28 Jun 2019 3:50
Operator : HP/JU
Sample : K3552-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-8

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.55	7.55	79.1	ng	713371	1	8.03	180430	20.0
Tetratetracontane	23.14	2.4	ng	71367	5	21.70	585004	20.0
Phthalic acid, di...	23.35	3.2	ng	88026	6	24.98	556945	20.0
Heptadecane, 9-oc...	23.95	3.5	ng	98259	6	24.98	556945	20.0
2-methyloctacosane	24.90	3.4	ng	94858	6	24.98	556945	20.0
Nonadecane	26.04	3.9	ng	109580	6	24.98	556945	20.0
Eicosane	27.40	3.3	ng	93111	6	24.98	556945	20.0
Sulfurous acid, 2...	29.05	2.4	ng	66306	6	24.98	556945	20.0