LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

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-BG012919.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	3.220	16	22	31	rBV	82647	175302	4.38%	0.623%
2	3.296	31	35	41	rVB	54156	76944	1.92%	0.273%
3	4.847	293	299	309	rVB	156268	261233	6.53%	0.928%
4	5.710	439	446	455	rBV	1202810	1904121	47.57%	6.768%
5	7.314	708	719	730	rBV	1248999	2223455	55.54%	7.903%
6	7.696	774	784	791	rBV	1147611	2027648	50.65%	7.207%
7	8.166	855	864	875	rVB	206147	355633	8.88%	1.264%
8	8.489	909	919	930	rBV	820189	1432567	35.79%	5.092%
9	9.341	1054	1064	1072	rBV	709345	1295862	32.37%	4.606%
10	10.986	1336	1344	1351	rBV	284722	512810	12.81%	1.823%
11	13.412	1746	1757	1768	rBV	1909589	2933431	73.28%	10.426%
12	14.228	1890	1896	1902	rBV	129058	191710	4.79%	0.681%
13	14.786	1982	1991	1999	rBV2	466870	776868	19.41%	2.761%
14	16.273	2237	2244	2258	rBV	1610052	2504588	62.57%	8.902%
15	17.530	2452	2458	2463	rBV2	669525	1029056	25.71%	3.658%
16	17.577	2463	2466	2472	rVV	127904	183417	4.58%	0.652%
17	17.665	2476	2481	2486	rVB	24278	40389	1.01%	0.144%
18	18.158	2561	2565	2572	rVB	60811	80984	2.02%	0.288%
19	18.387	2598	2604	2611	rBV3	229541	392092	9.79%	1.394%
20	18.452	2612	2615	2623	rVB2	36225	63650	1.59%	0.226%
21	19.292	2754	2758	2765	rBV2	39279	57241	1.43%	0.203%
22	19.451	2780	2785	2789	rBV3	60620	77313	1.93%	0.275%
23	19.533	2791	2799	2802	rBV2	80250	141514	3.54%	0.503%
24	19.574	2802	2806	2812	rVV	220712	319780	7.99%	1.137%
25	19.645	2814	2818	2829	rVV4	58636	109301	2.73%	0.388%
26	19.786	2839	2842	2848	rVB	65442	77883	1.95%	0.277%
27	19.862	2851	2855	2858	rBV	43249	49538	1.24%	0.176%
28	19.897	2858	2861	2864	rVV3	34721	54373	1.36%	0.193%
29	19.938	2864	2868	2873	rVV	176974	249498	6.23%	0.887%
30	20.126	2893	2900	2906	rBV	3039238	4003043	100.00%	14.228%
31	20.250	2917	2921	2928	rVB5	19544	43597	1.09%	0.155%
32	20.391	2939	2945	2949	rBV	67400	109849	2.74%	0.390%
33	20.579	2974	2977	2982	rVB5	36524	46598	1.16%	0.166%
34	20.825	3016	3019	3023	rBV	111983	129935	3.25%	0.462%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

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-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.890	3026	3030	3035	rVB	59178	69832	1.74%	0.248%
36	21.413	3111	3119	3127	rBV6	98835	203317	5.08%	0.723%
37	21.818	3180	3188	3194	rBV	645560	1257627	31.42%	4.470%
38	21.871	3194	3197	3203	rVB	71250	109222	2.73%	0.388%
39	21.965	3208	3213	3220	rBV2	62866	100608	2.51%	0.358%
40	22.100	3231	3236	3241	rBV6	27040	48228	1.20%	0.171%
41	22.594	3313	3320	3326	rVB2	69815	135324	3.38%	0.481%
42	22.999	3383	3389	3397	rBV2	61818	119085	2.97%	0.423%
43	23.316	3435	3443	3450	rBV2	79886	157801	3.94%	0.561%
44	24.121	3571	3580	3581	rBV2	51298	121119	3.03%	0.430%
45	24.150	3581	3585	3599	rVB3	91295	246041	6.15%	0.875%
46	24.879	3702	3709	3718	rVB2	34403	94063	2.35%	0.334%
47	25.026	3727	3734	3743	rBV3	40807	117546	2.94%	0.418%
48	25.202	3747	3764	3775	rBV2	352995	1214005	30.33%	4.315%
49	26.330	3946	3956	3966	rBV2	41753	128800	3.22%	0.458%
50	27.751	4188	4198	4208	rVB7	23889	81172	2.03%	0.289%

Sum of corrected areas: 28135013

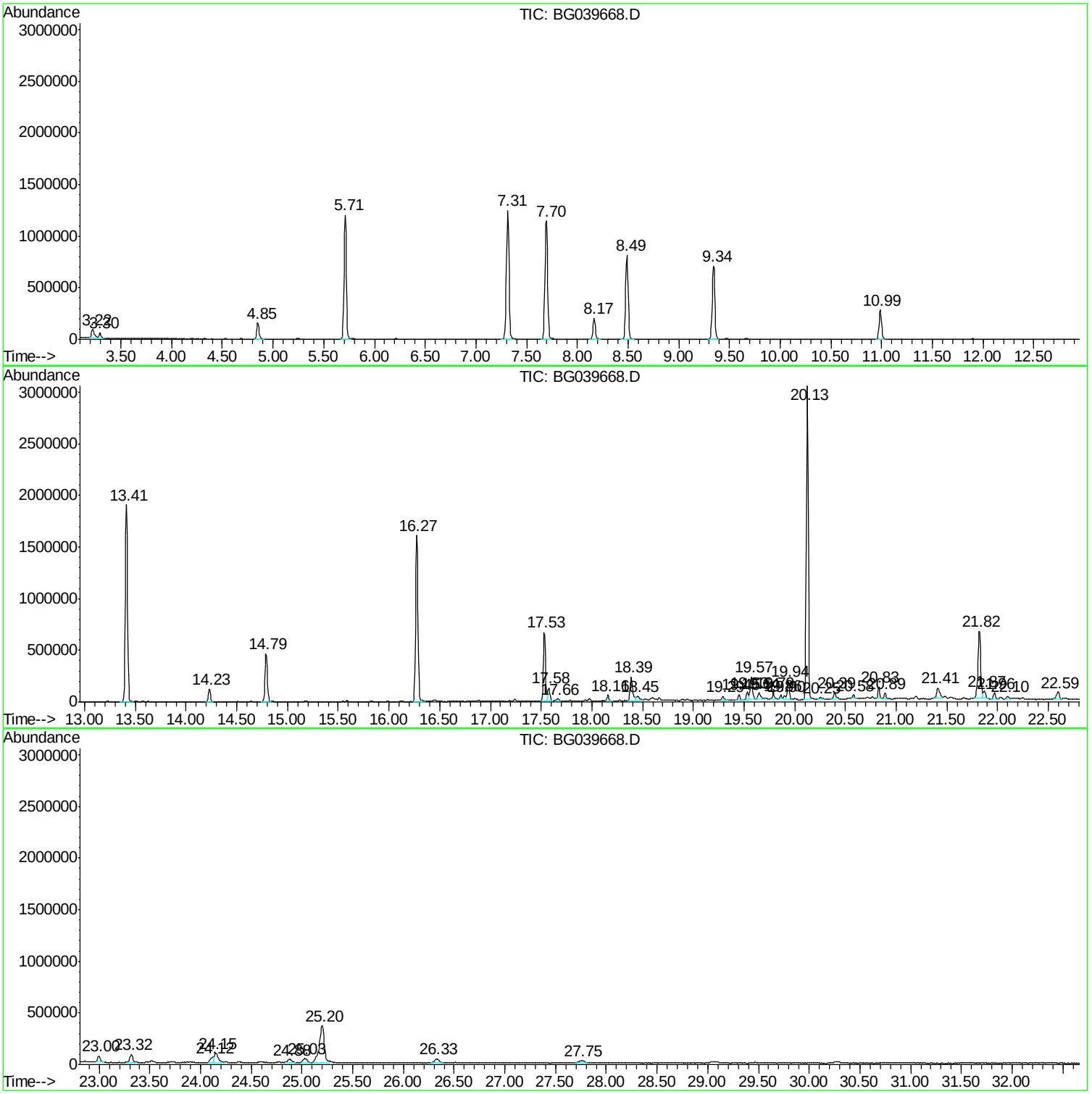
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

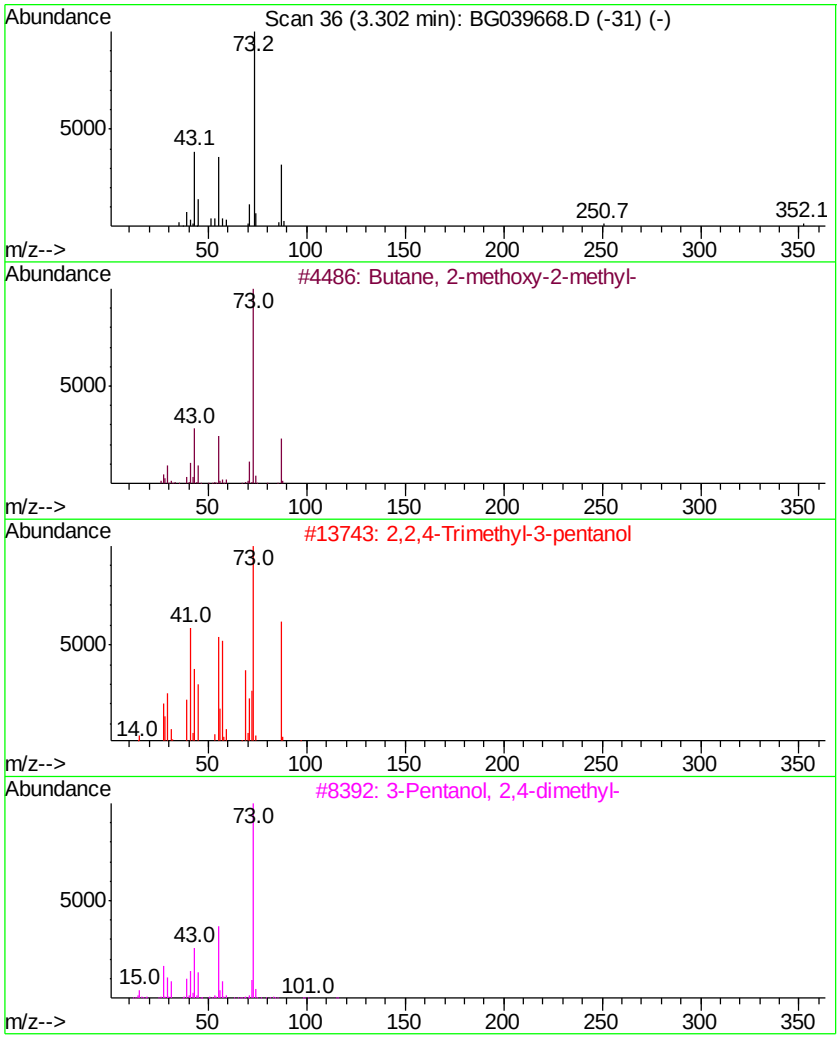
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

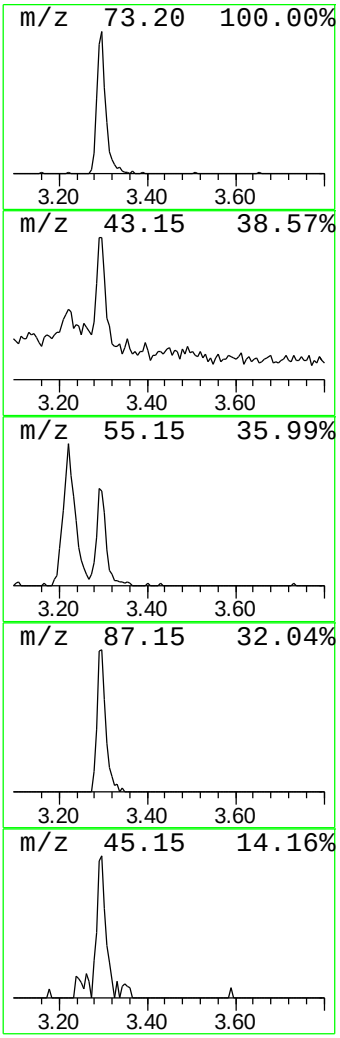
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	4.33 ng	76944	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

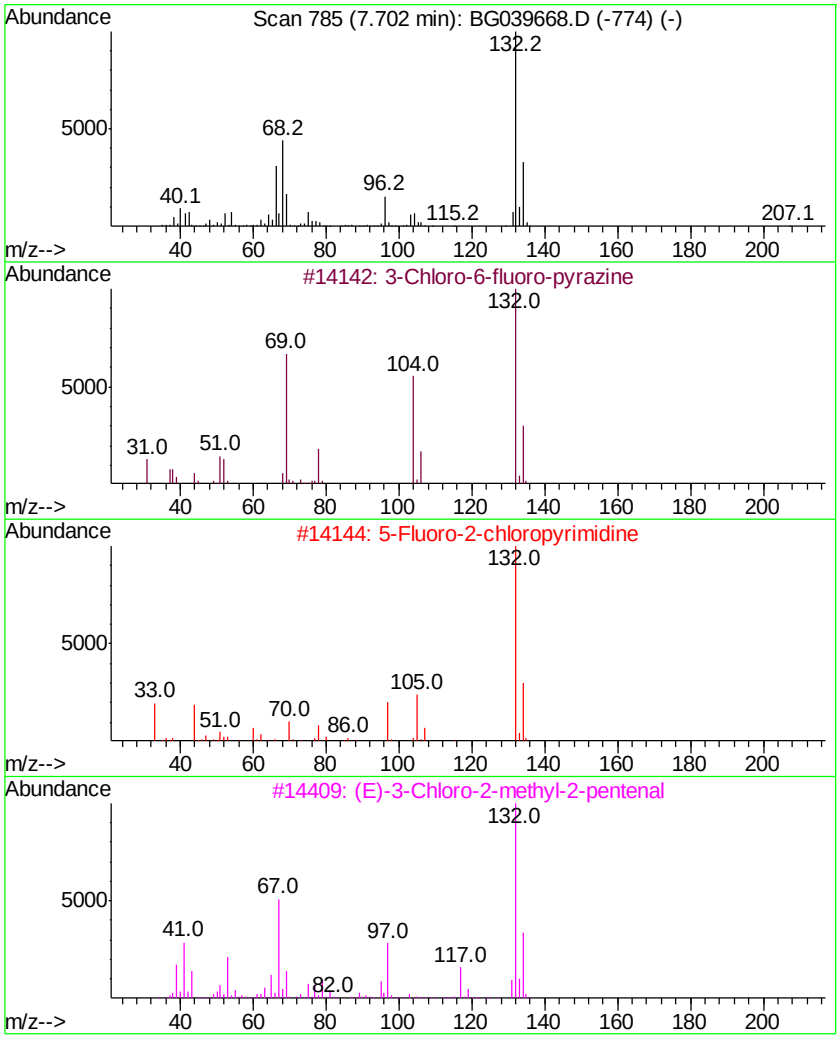
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

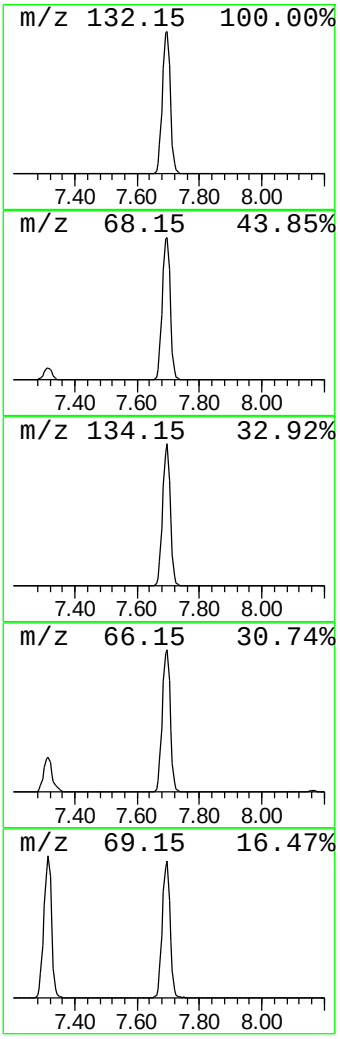
****

Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	114.03 ng	2027650	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

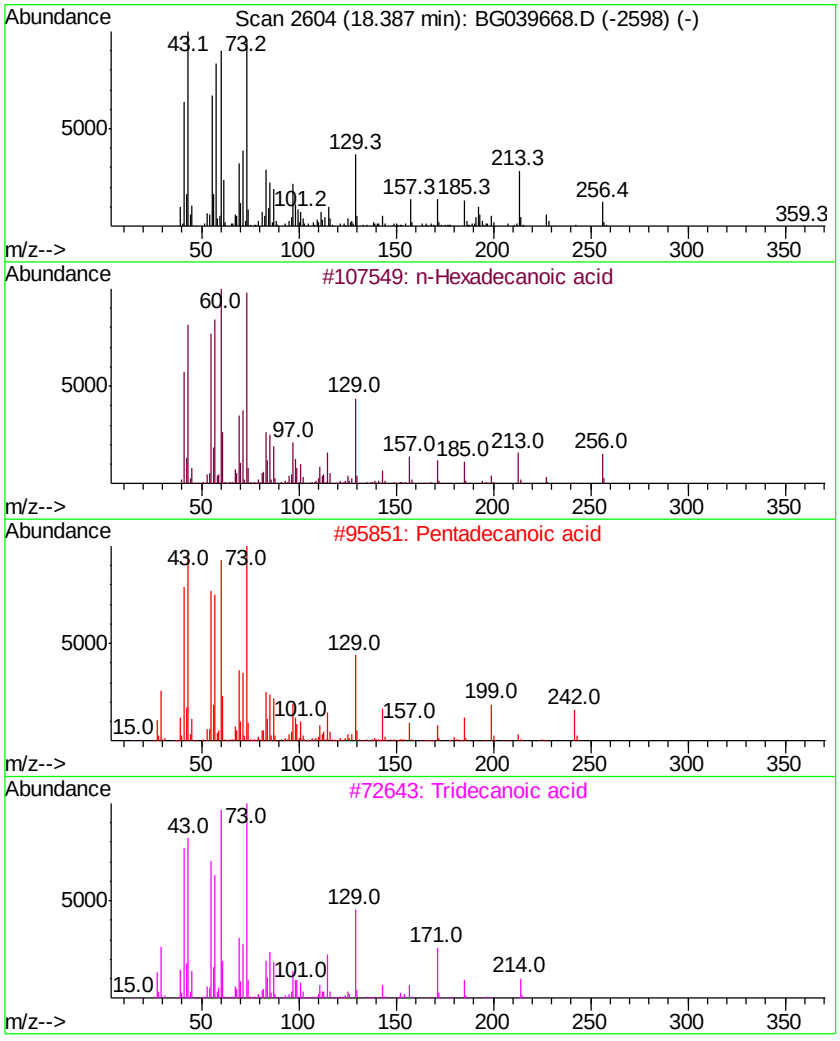
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

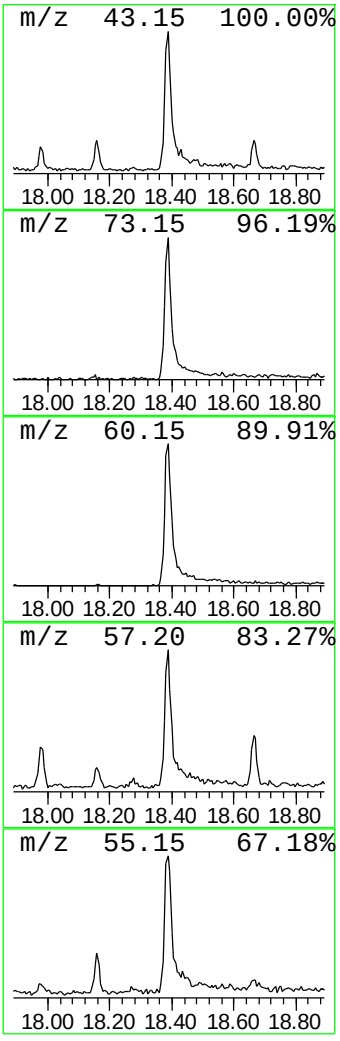
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	7.62 ng	392092	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

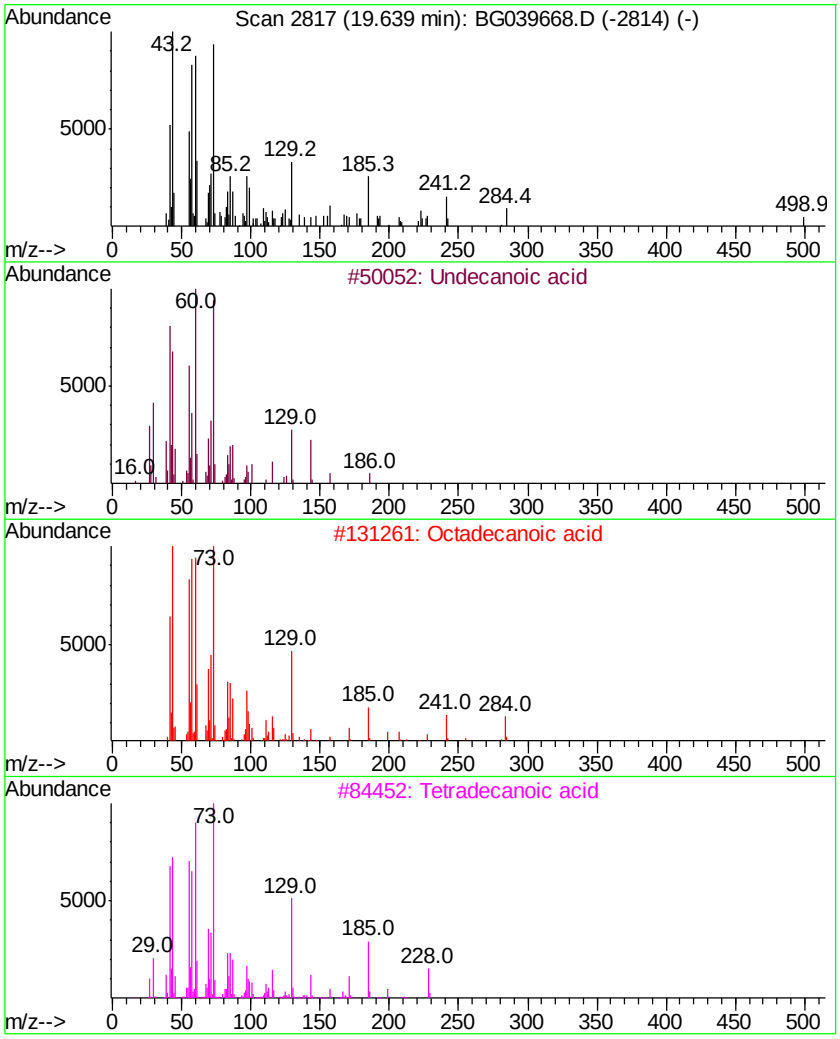
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

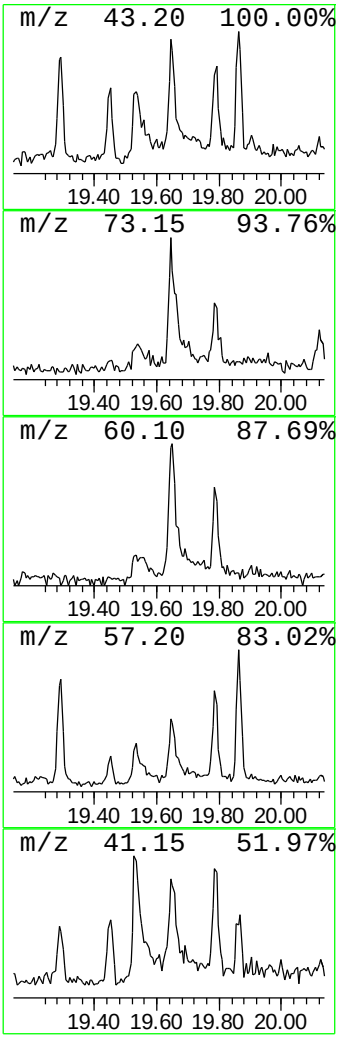
****

Peak Number 7 Undecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.12 ng	109301	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
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Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

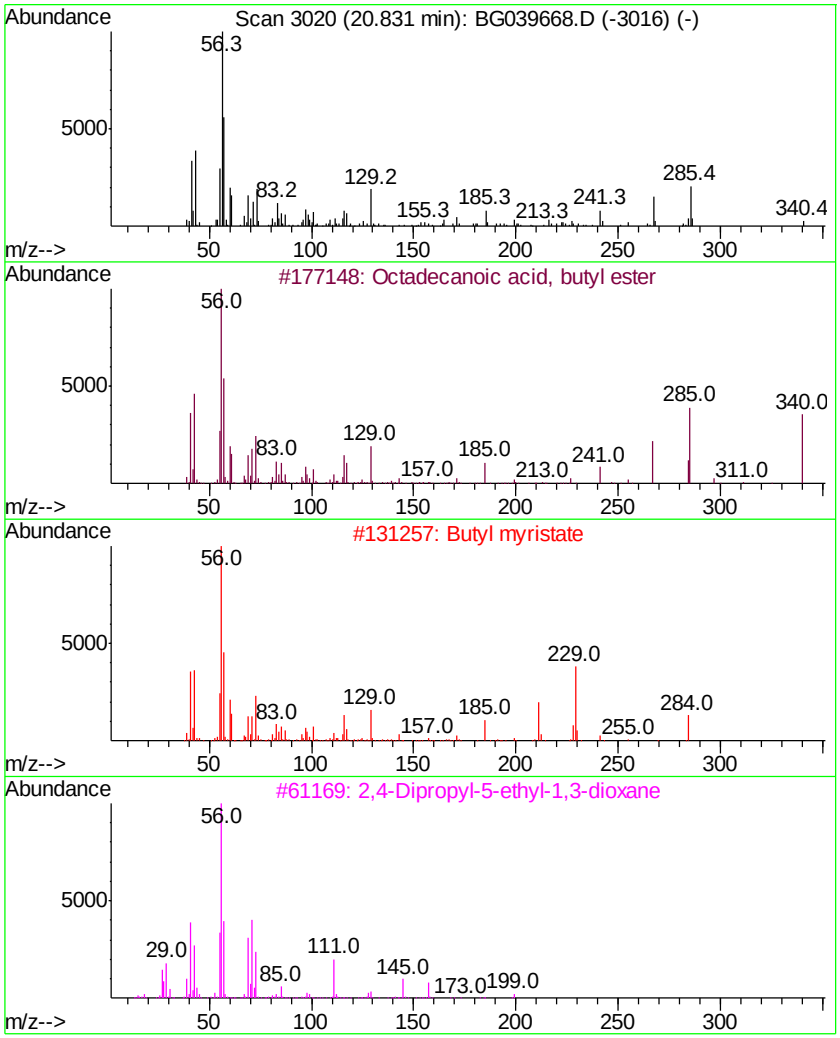
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

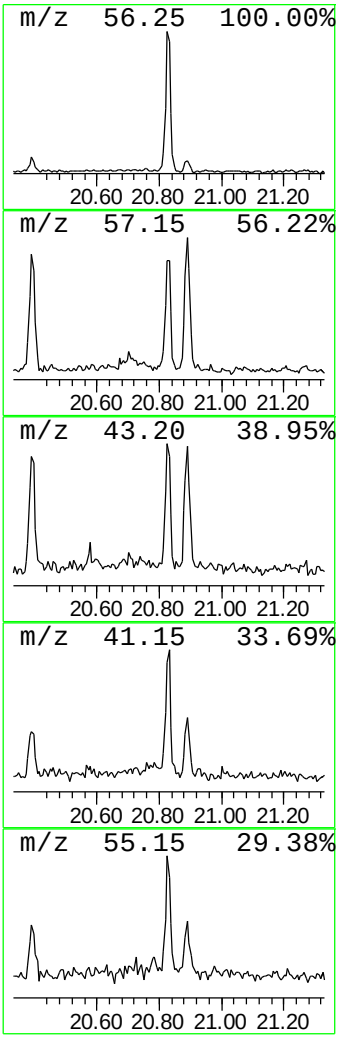
****

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.07 ng	129935	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Butyl myristate	284	C18H36O2	000110-36-1	42
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
4	1-Undecene, 10-methyl-	168	C12H24	022370-55-4	35
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	35





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Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

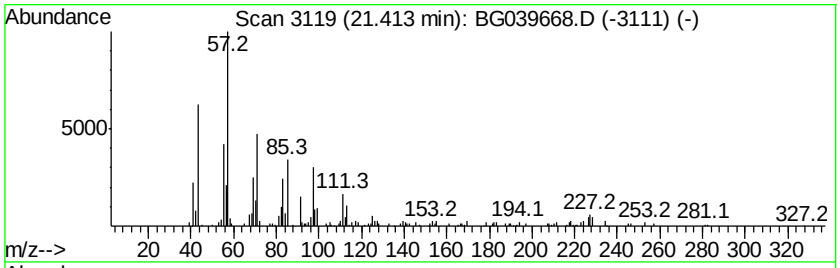
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

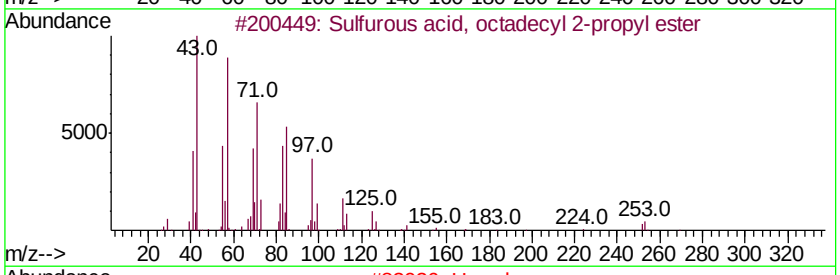
****

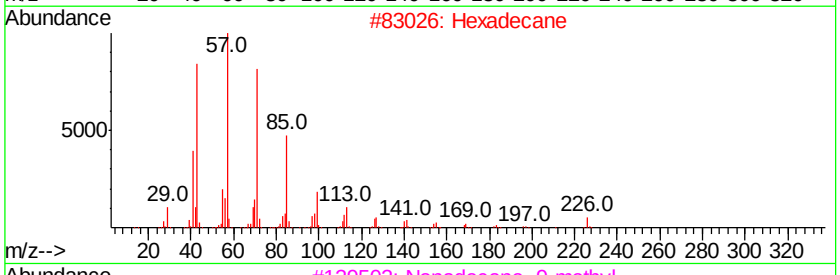
Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 7

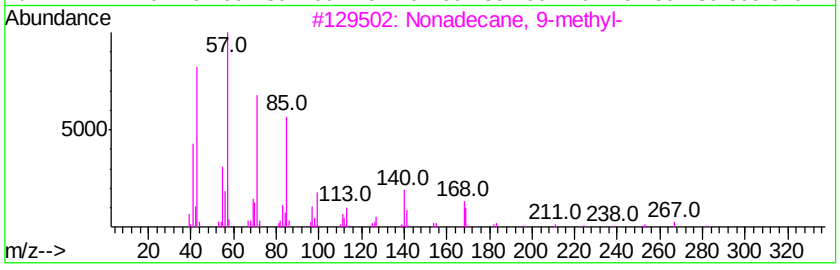
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	3.23 ng	203317	Chrysene-d12	21.82

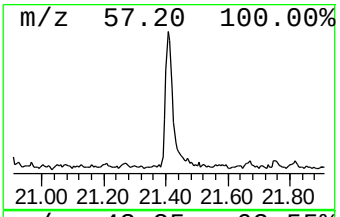
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	80
2	Hexadecane	226	C16H34	000544-76-3	70
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	60
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	55

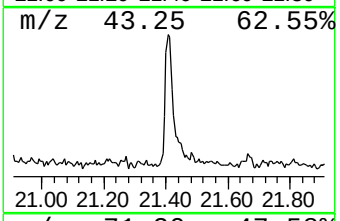


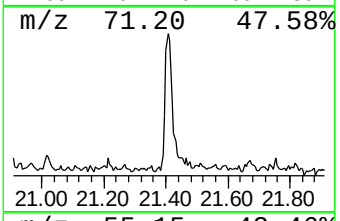


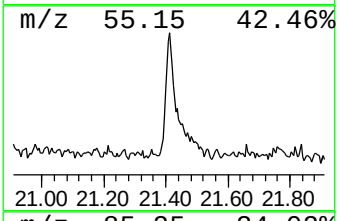


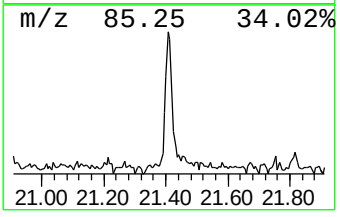












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

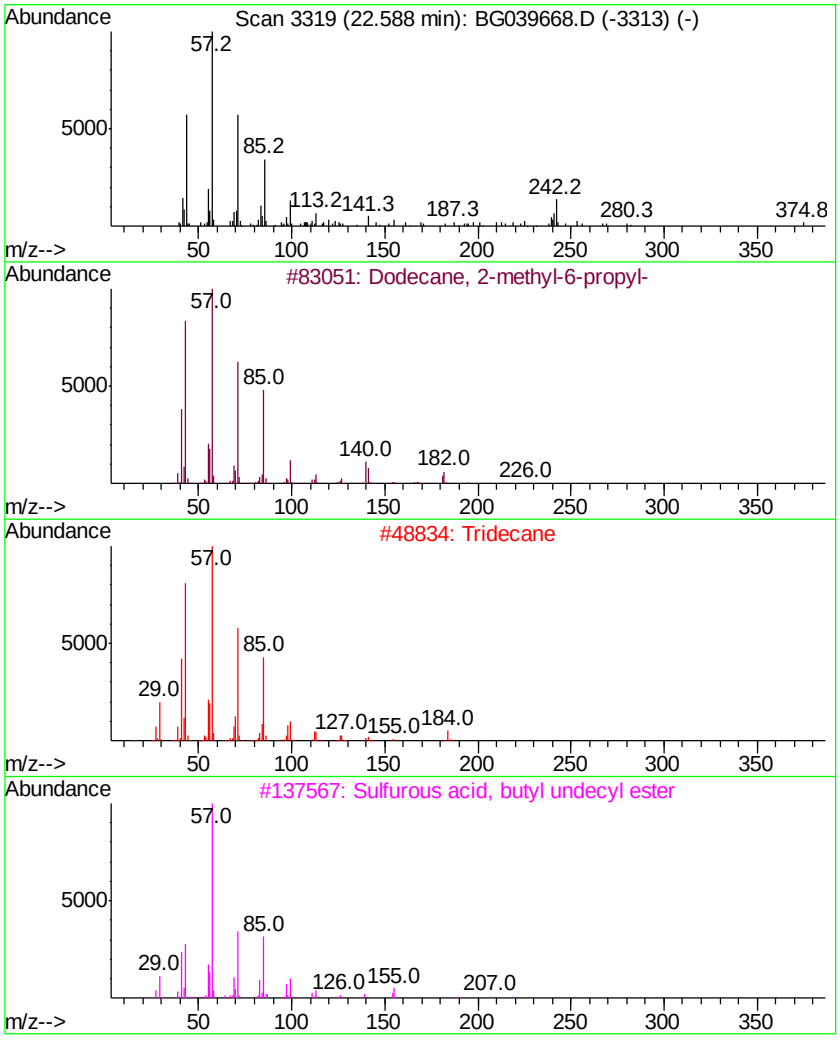
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

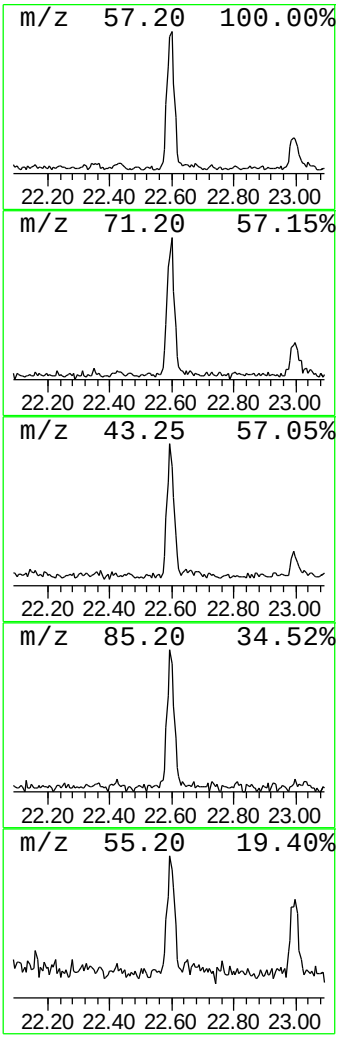
****

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	2.15 ng	135324	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Tridecane	184	C13H28	000629-50-5	78
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	78
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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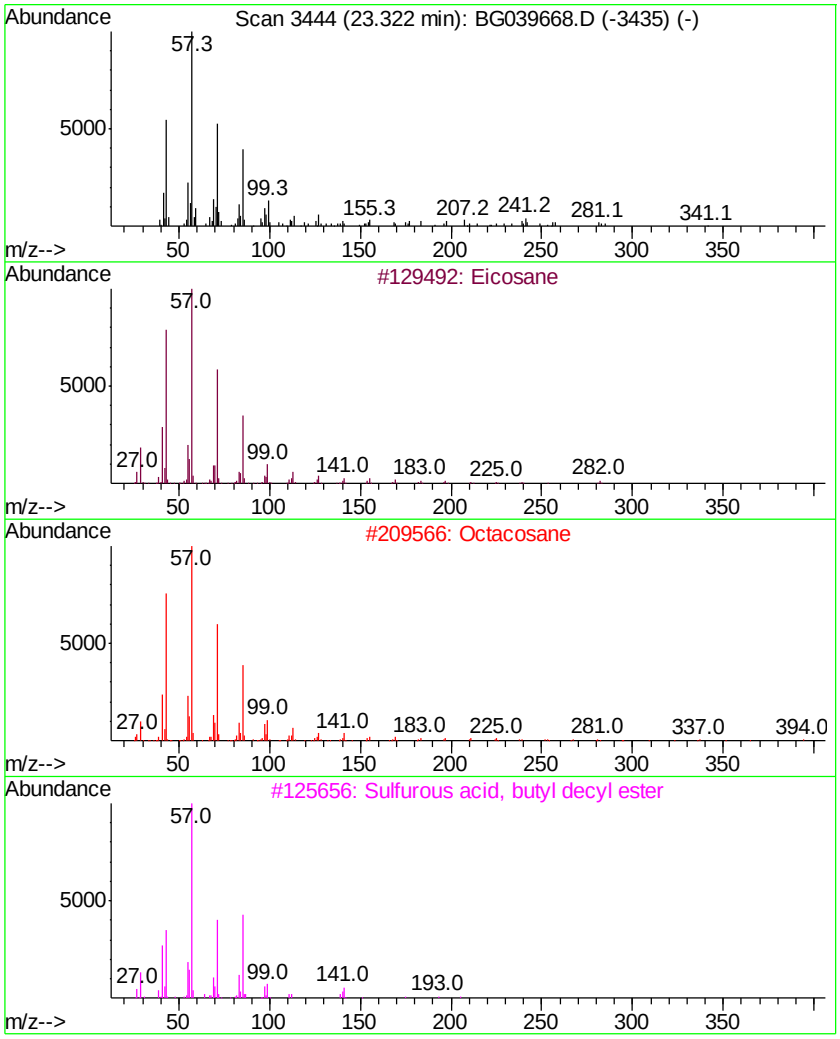
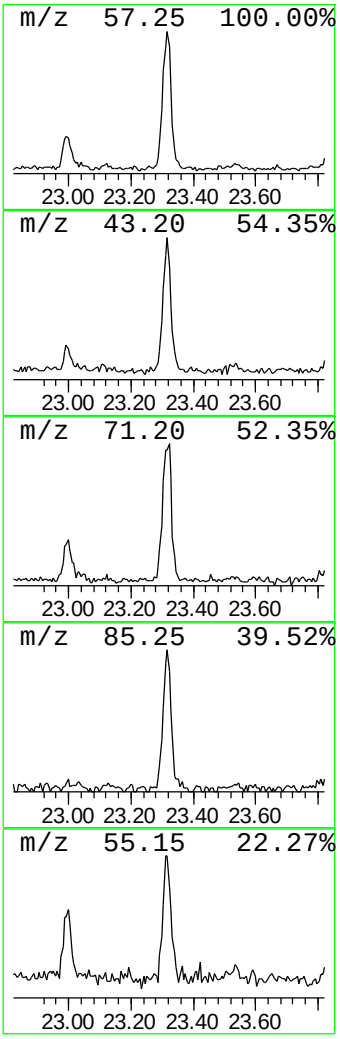
Peak Number 11 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	2.51 ng	157801	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	83
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
4	Nonadecane	268	C19H40	000629-92-5	68
5	10-Methylnonadecane	282	C20H42	056862-62-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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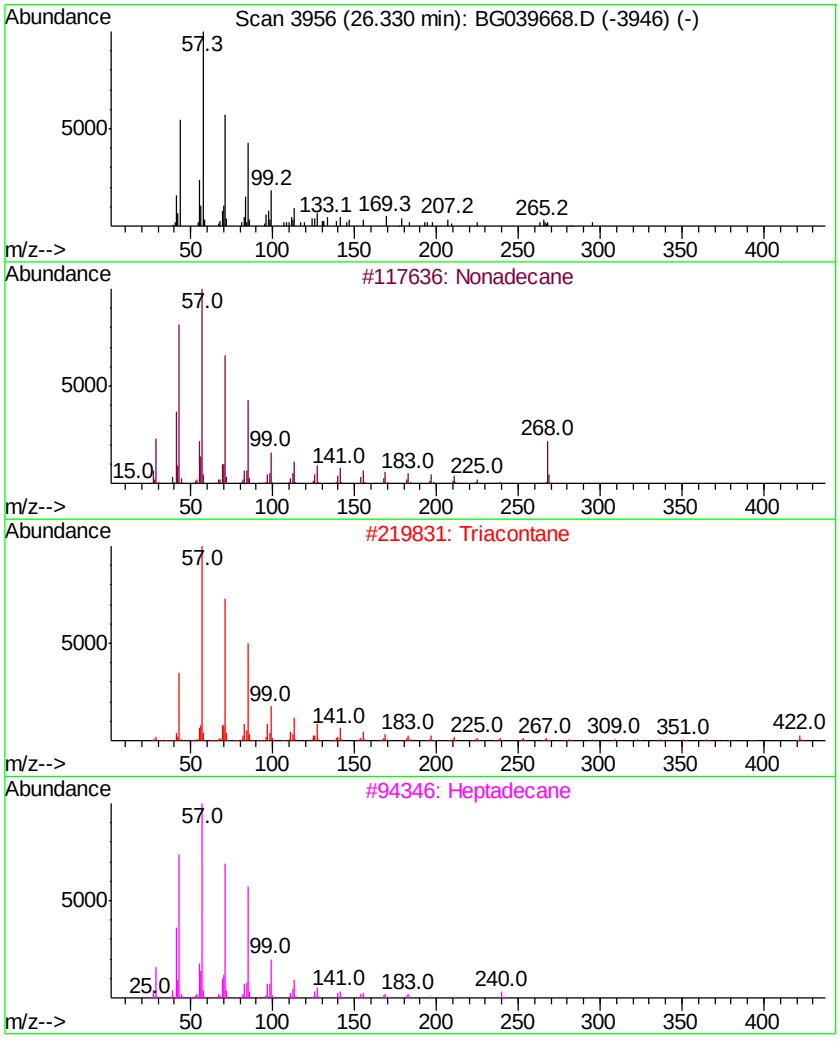
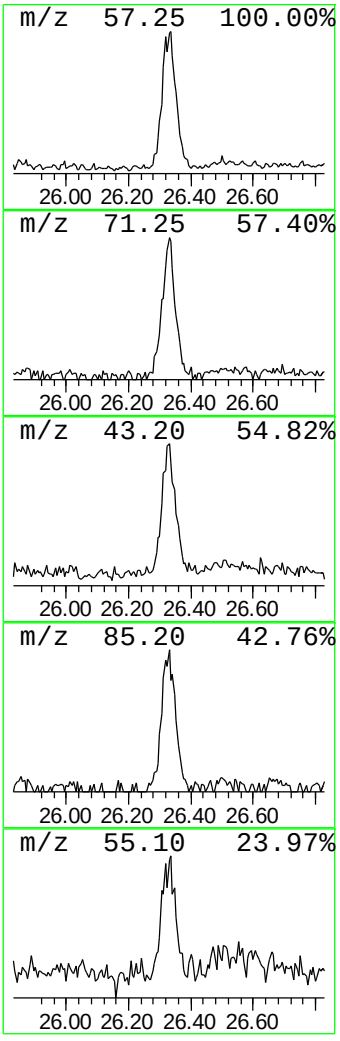
Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	2.12 ng	128800	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Triacontane	422	C30H62	000638-68-6	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Docosane	310	C22H46	000629-97-0	86
5	Heptacosane	380	C27H56	000593-49-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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
Butane, 2-methoxy...	3.30	4.3	ng	76944	1	8.17	355633	20.0
unknown7.70	7.70	114.0	ng	2027650	1	8.17	355633	20.0
n-Hexadecanoic acid	18.39	7.6	ng	392092	4	17.53	1029060	20.0
Undecanoic acid	19.64	2.1	ng	109301	4	17.53	1029060	20.0
Octadecanoic acid...	20.83	2.1	ng	129935	5	21.82	1257630	20.0
Sulfurous acid, o...	21.41	3.2	ng	203317	5	21.82	1257630	20.0
Dodecane, 2-methy...	22.59	2.1	ng	135324	5	21.82	1257630	20.0
Eicosane	23.32	2.5	ng	157801	5	21.82	1257630	20.0
Nonadecane	26.33	2.1	ng	128800	6	25.20	1214010	20.0