LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041062.D
Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

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-BG052919.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	3.117	3	5	14	rVB2	78482	144822	4.85%	0.766%
2	3.200	14	19	32	rVB	265940	480277	16.09%	2.539%
3	5.650	429	436	448	rBV	862795	1370259	45.91%	7.244%
4	7.259	700	710	722	rBV	917749	1601909	53.67%	8.469%
5	7.641	767	775	785	rBV	860984	1481712	49.64%	7.834%
6	8.111	846	855	869	rBV	164484	289327	9.69%	1.530%
7	8.435	901	910	920	rBV	567999	995552	33.35%	5.263%
8	9.292	1048	1056	1066	rBV	520323	945572	31.68%	4.999%
9	10.932	1328	1335	1348	rBV	199402	363728	12.19%	1.923%
10	13.364	1742	1749	1761	rVB	1202046	1803036	60.40%	9.532%
11	14.181	1882	1888	1896	rBV	160712	244864	8.20%	1.295%
12	14.745	1976	1984	1991	rBV2	323448	538087	18.03%	2.845%
13	16.225	2229	2236	2246	rBV	1218732	1930510	64.68%	10.206%
14	17.483	2444	2450	2457	rBV2	466020	719129	24.09%	3.802%
15	18.335	2589	2595	2608	rBV	127091	252898	8.47%	1.337%
16	19.604	2808	2811	2819	rBV6	17556	30436	1.02%	0.161%
17	20.080	2886	2892	2899	rBV	2257731	2984919	100.00%	15.781%
18	21.355	3105	3109	3120	rBV	247513	391180	13.11%	2.068%
19	21.760	3172	3178	3190	rVB	494149	825732	27.66%	4.366%
20	21.913	3200	3204	3209	rVB3	32484	47310	1.58%	0.250%
21	22.530	3305	3309	3320	rVB2	50705	92780	3.11%	0.491%
22	23.241	3425	3430	3437	rVB2	69347	131339	4.40%	0.694%
23	23.441	3459	3464	3470	rVB2	36436	64866	2.17%	0.343%
24	24.063	3565	3570	3576	rVB2	67350	139298	4.67%	0.736%
25	25.097	3729	3746	3758	rVB3	271085	951103	31.86%	5.028%
26	26.208	3930	3935	3942	rVB5	38361	93990	3.15%	0.497%

Sum of corrected areas: 18914635

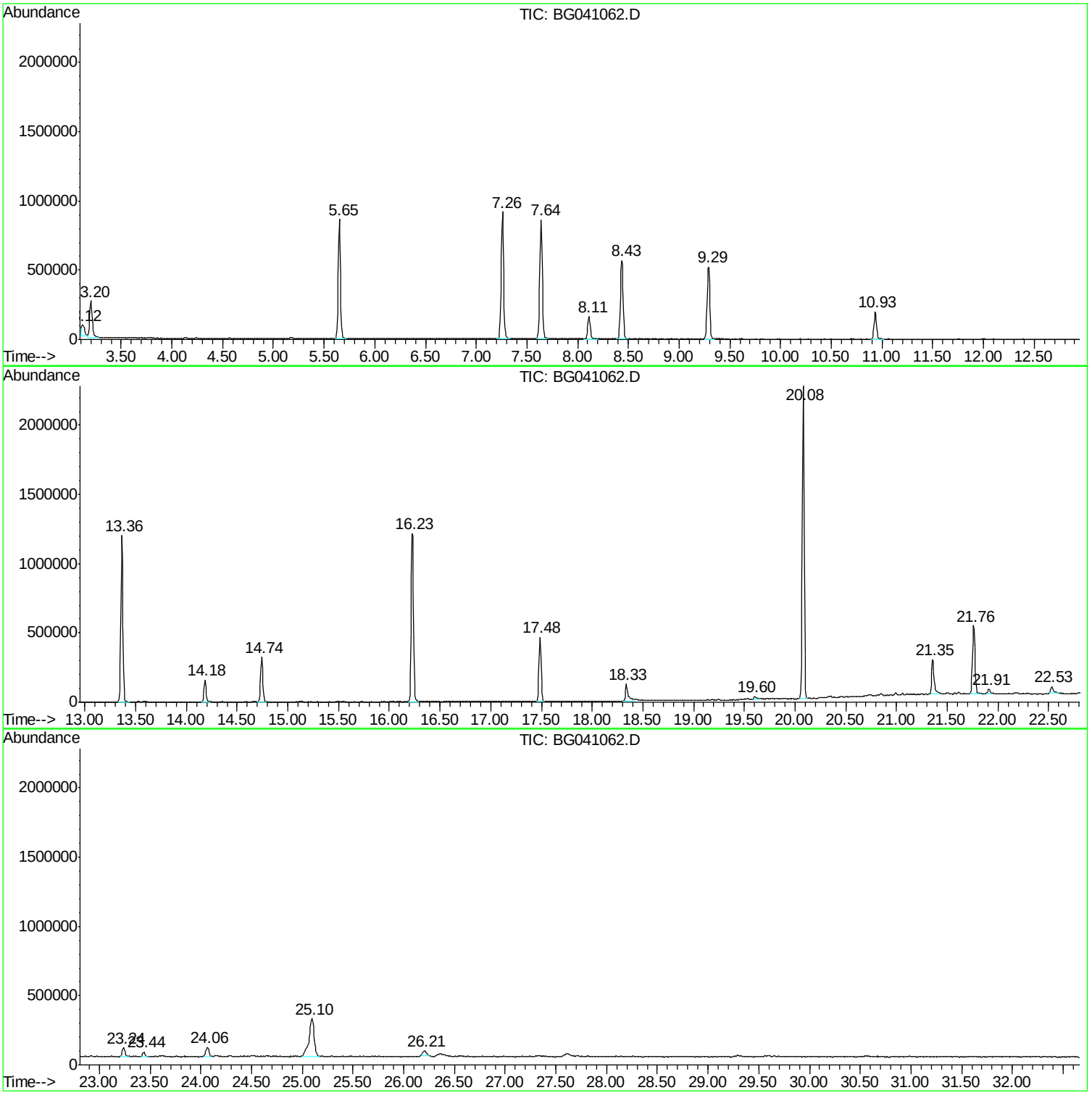
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041062.D
Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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\BG060419\
Data File : BG041062.D
Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

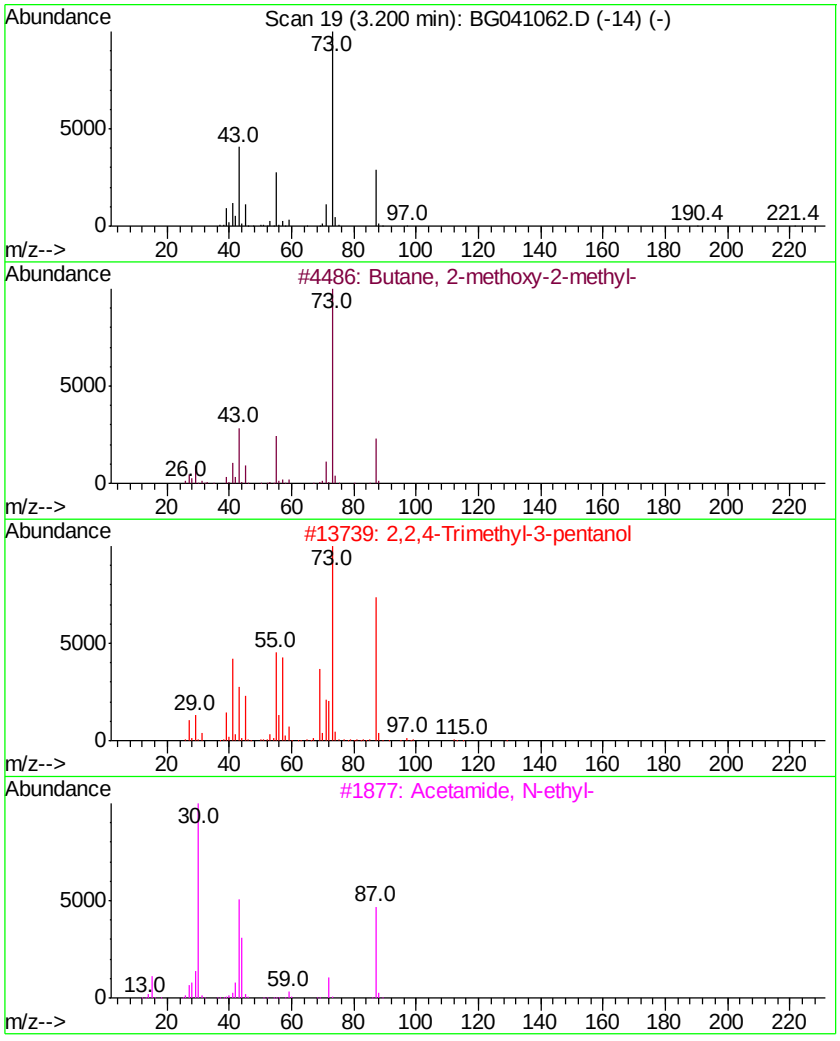
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

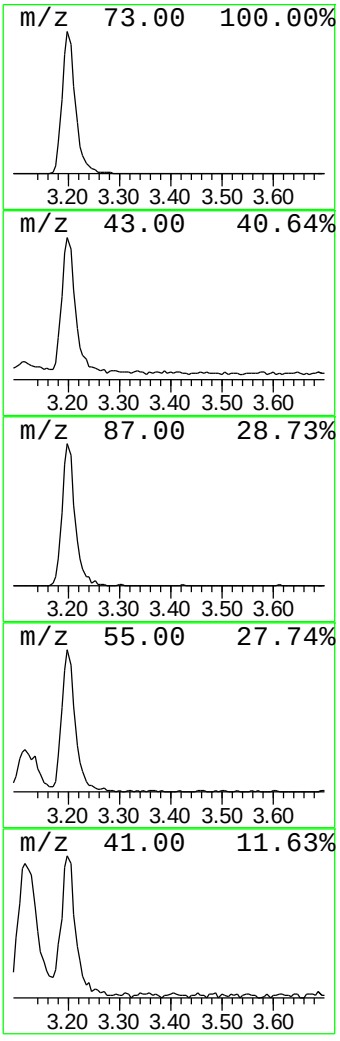
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	33.20 ng	480277	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041062.D
Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

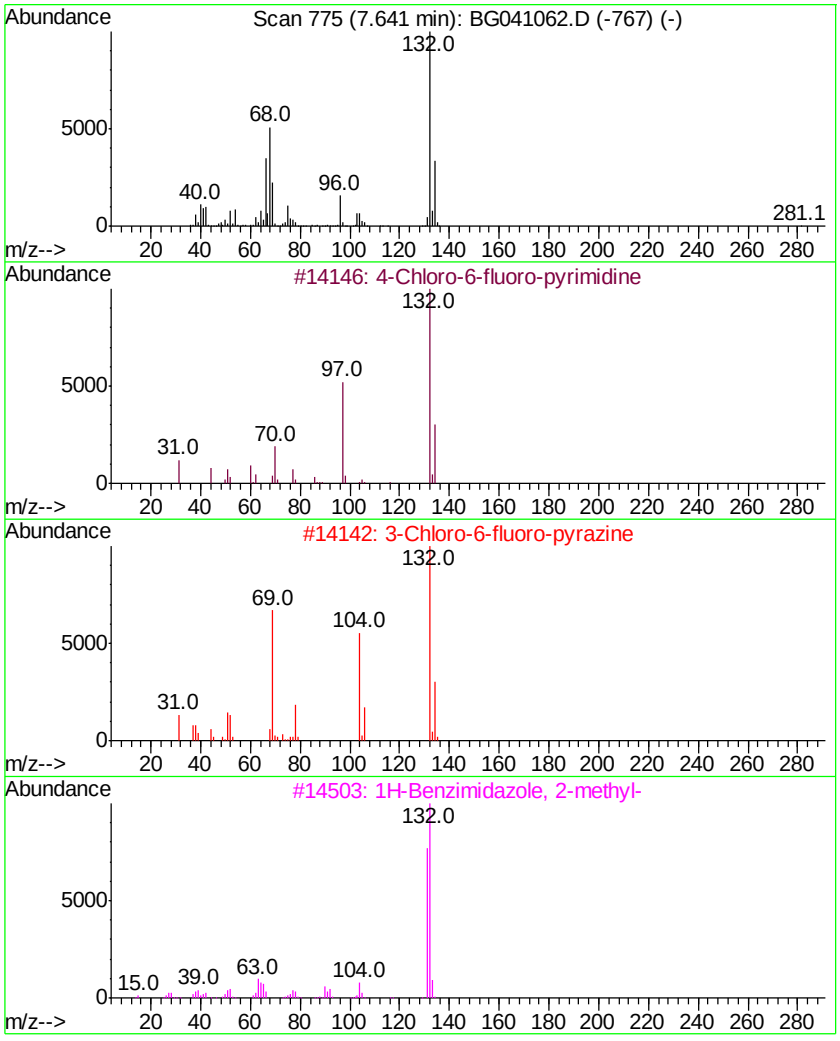
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

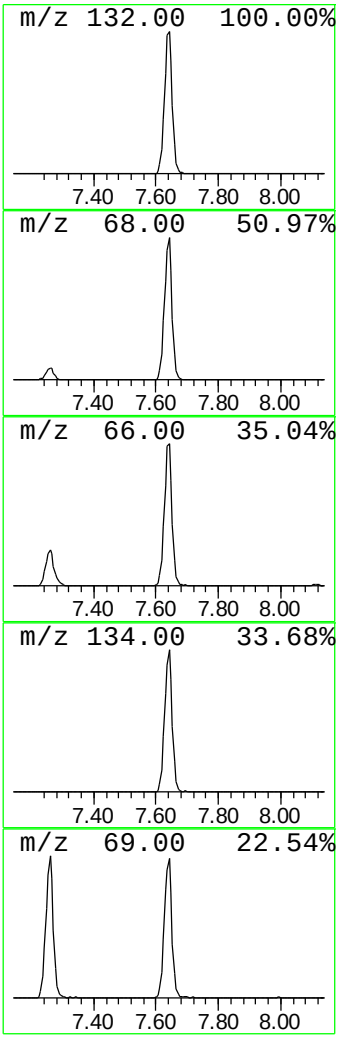
****

Peak Number 3 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	102.43 ng	1481710	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041062.D
Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

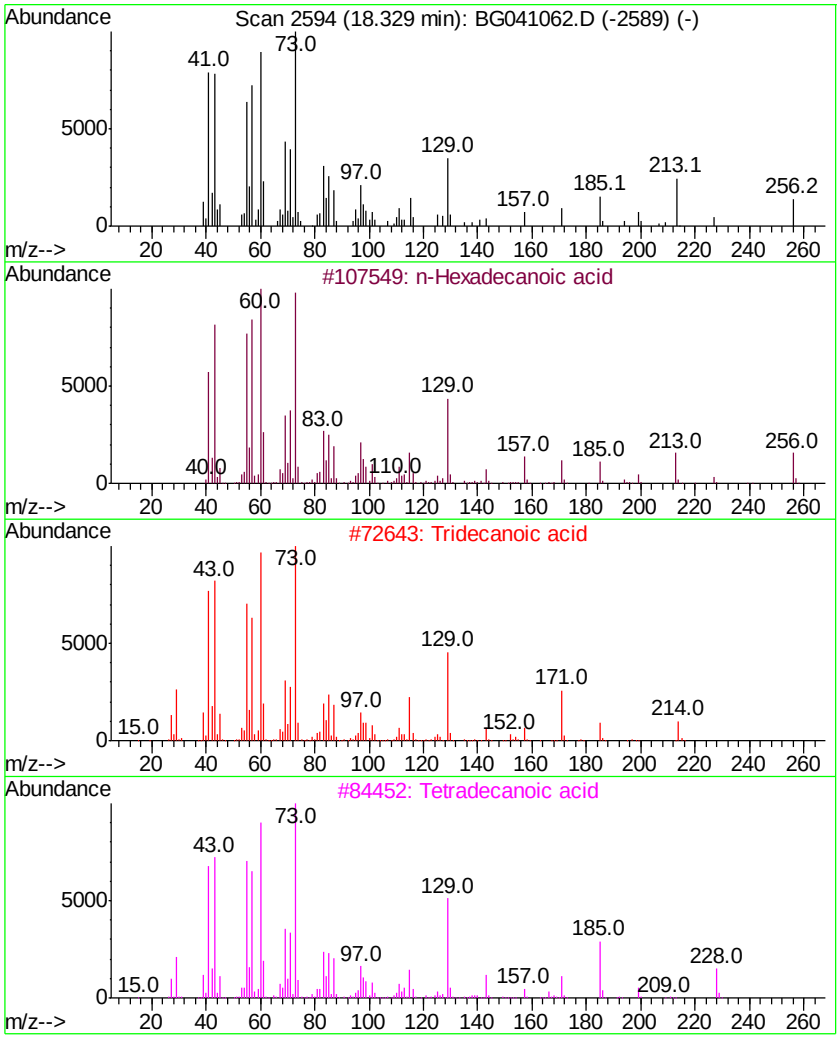
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

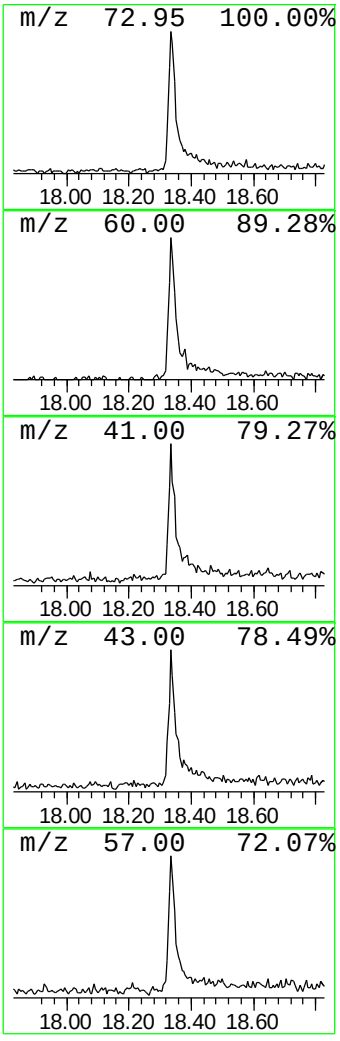
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	7.03 ng	252898	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041062.D
Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

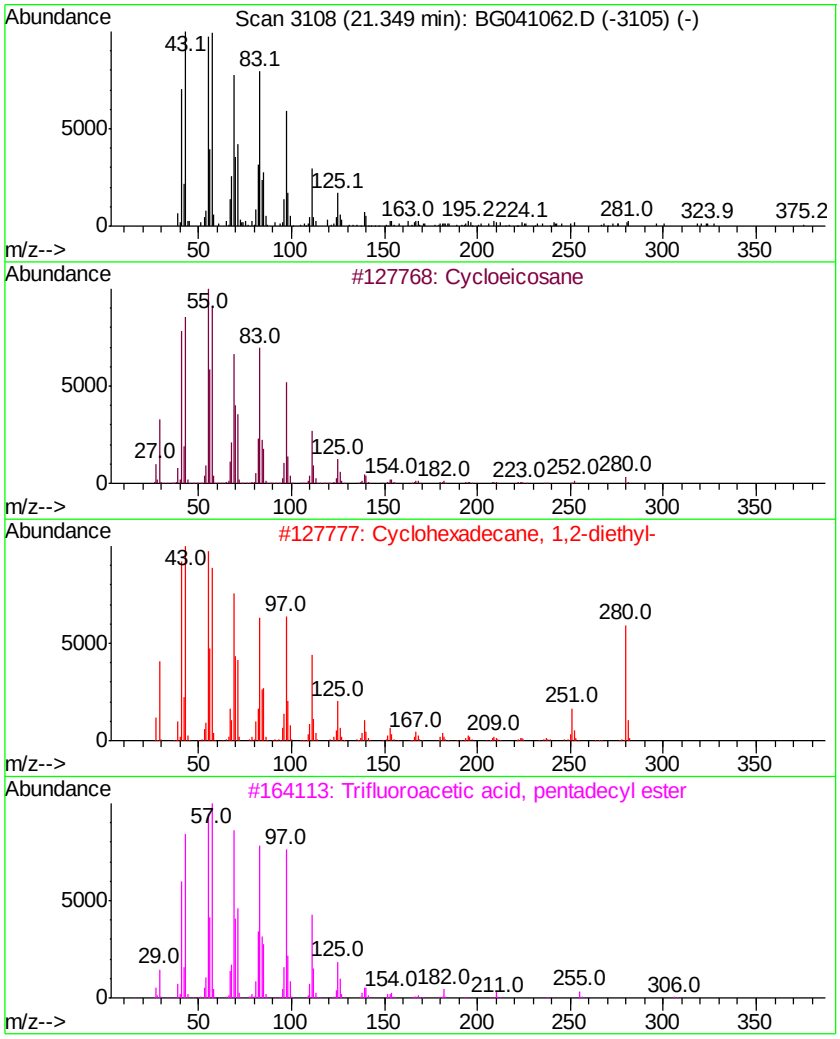
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

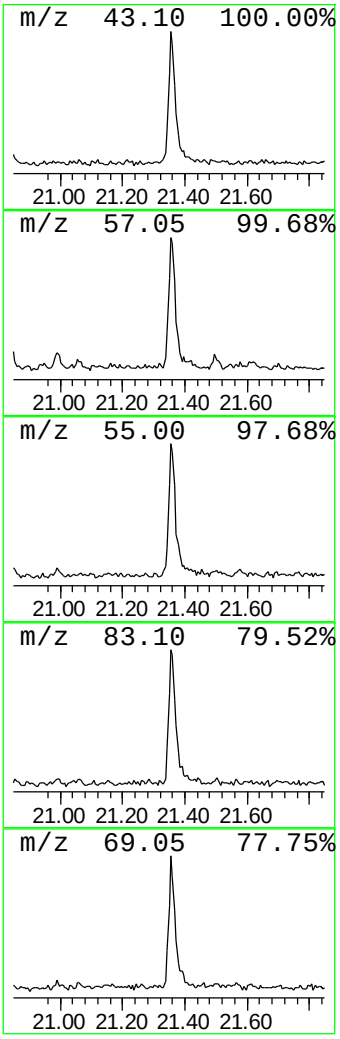
****

Peak Number 6 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	9.47 ng	391180	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041062.D
Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

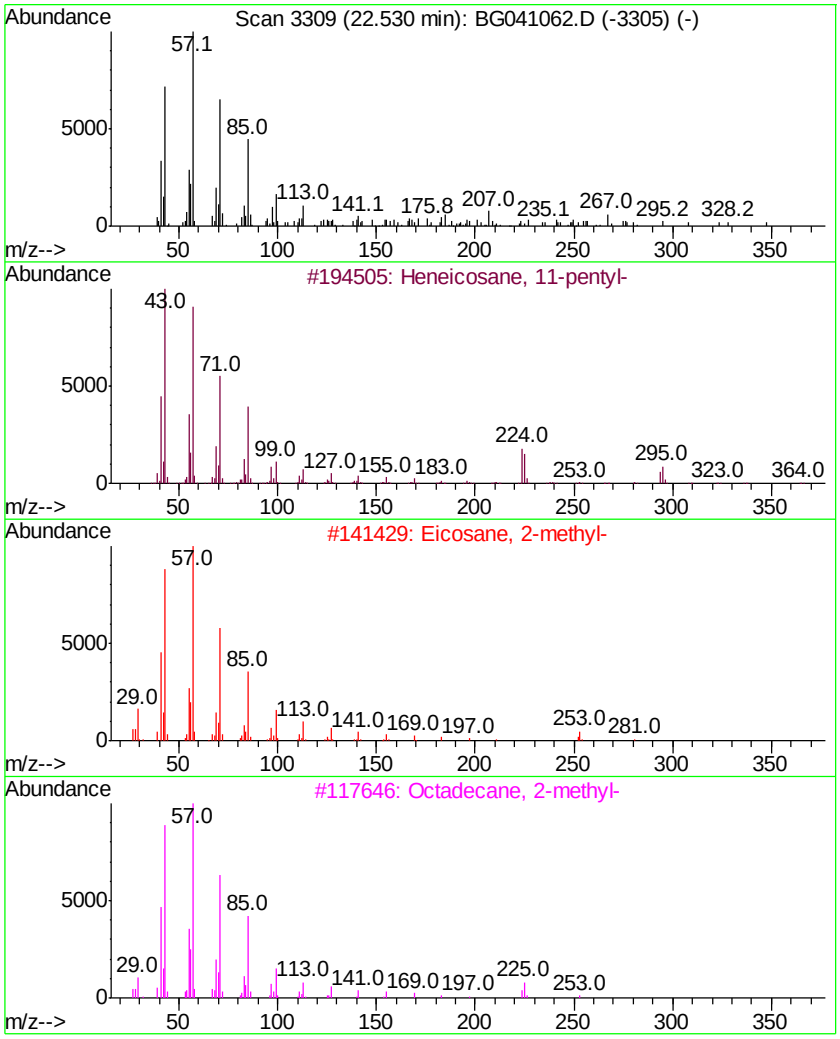
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

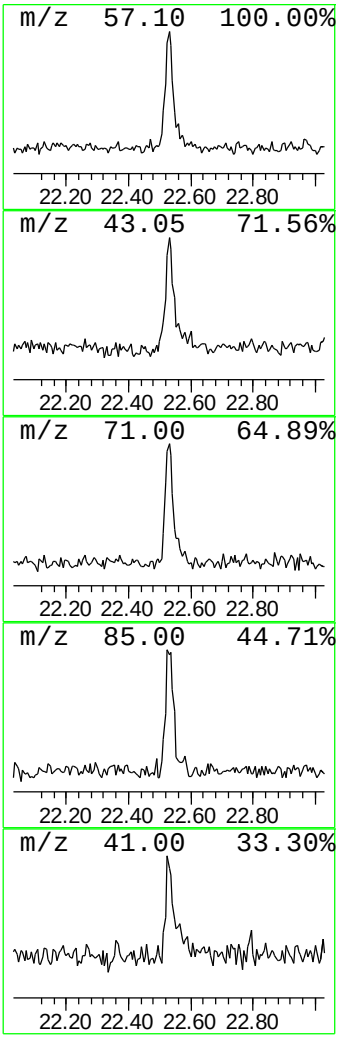
****

Peak Number 7 Heneicosane, 11-pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.25 ng	92780	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
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Operator : HP/JU
Sample : K3076-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

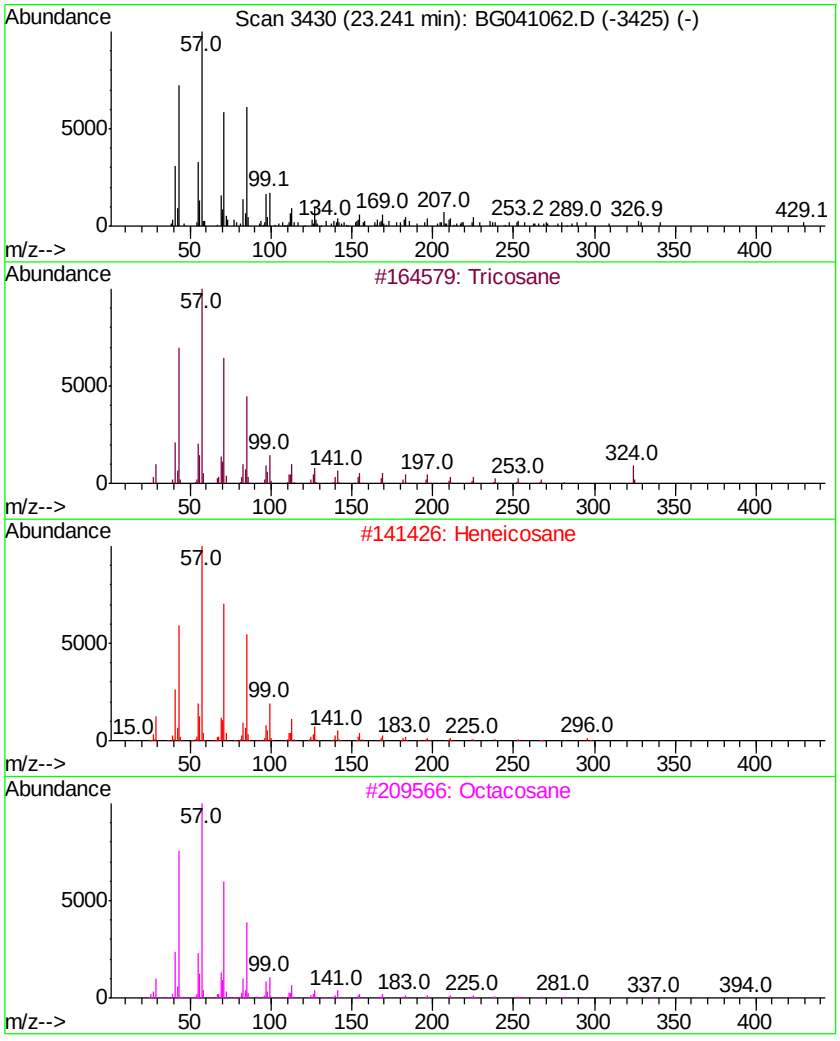
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

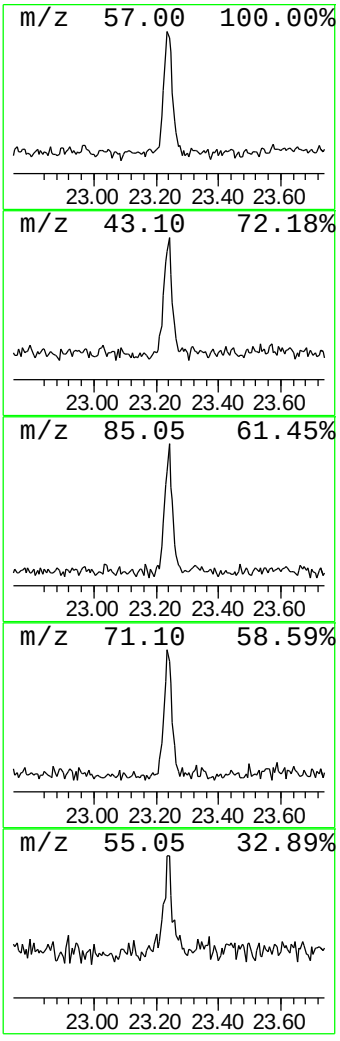
****

Peak Number 8 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.18 ng	131339	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hentriacontane	437	C31H64	000630-04-6	81
5	Pentacosane	352	C25H52	000629-99-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
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Acq On : 4 Jun 2019 17:36
Operator : HP/JU
Sample : K3076-02
Misc :
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Instrument : BNA_G
ClientSampleId : FESB-08(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

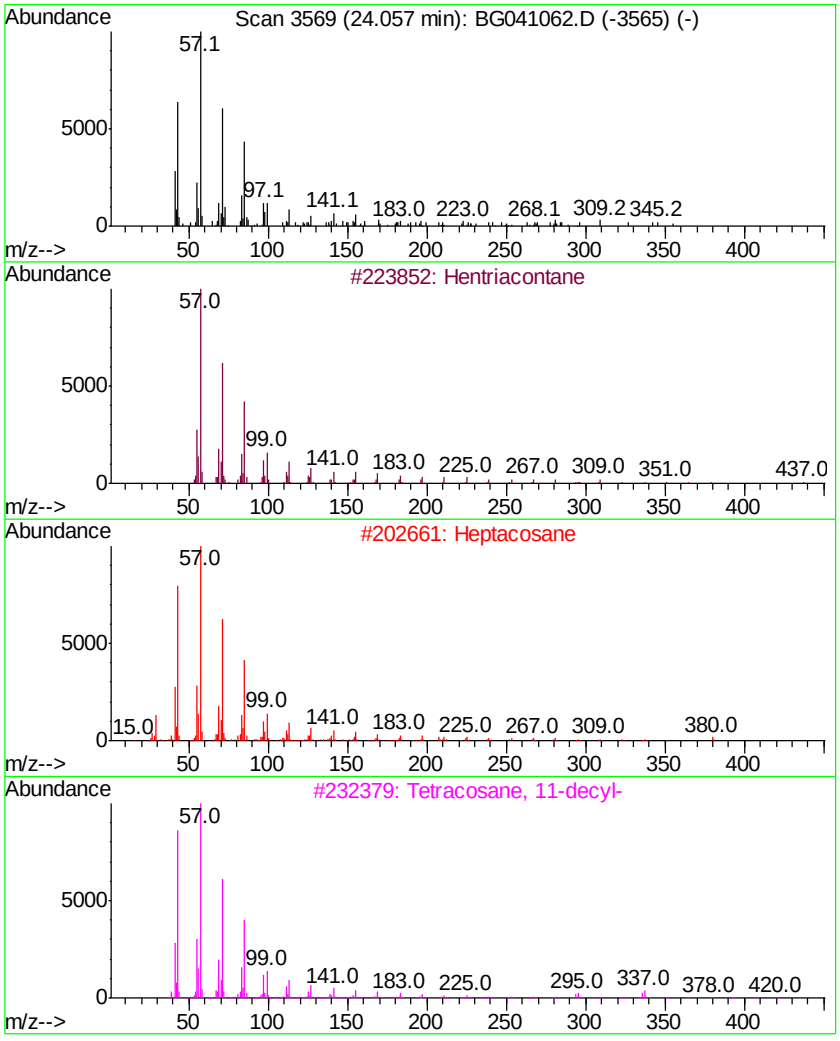
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

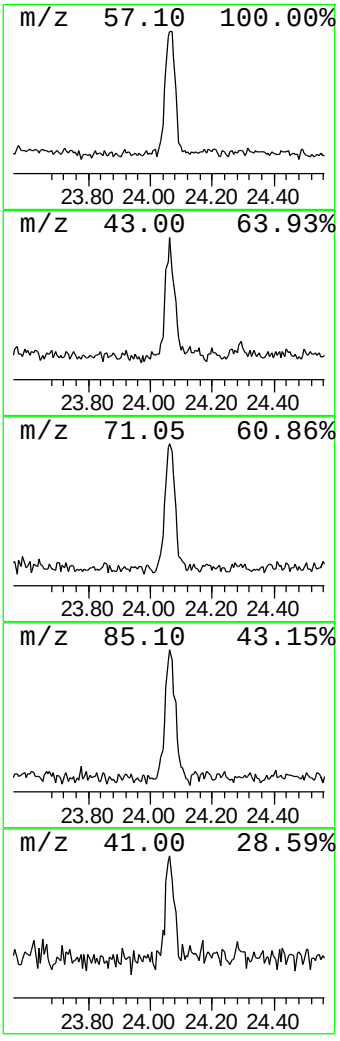
****

Peak Number 9 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.93 ng	139298	Perylene-d12	25.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Octacosane	394	C28H58	000630-02-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060419\
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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
Butane, 2-methoxy...	3.20	33.2	ng	480277	1	8.11	289327	20.0
unknown7.64	7.64	102.4	ng	1481710	1	8.11	289327	20.0
n-Hexadecanoic acid	18.33	7.0	ng	252898	4	17.48	719129	20.0
Cycloeicosane	21.35	9.5	ng	391180	5	21.76	825732	20.0
Heneicosane, 11-p...	22.53	2.3	ng	92780	5	21.76	825732	20.0
Tricosane	23.24	3.2	ng	131339	5	21.76	825732	20.0
Hentriacontane	24.06	2.9	ng	139298	6	25.09	951103	20.0