LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042573.D
Acq On : 29 Aug 2019 20:10
Operator : HP/JU
Sample : K4562-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-25-27

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-BG082219.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	3.120	3	5	22	rVB	148066	195086	8.60%	1.572%
2	5.553	412	419	437	rBV	431869	740239	32.65%	5.963%
3	7.162	686	693	706	rBV	467171	872280	38.47%	7.027%
4	7.533	748	756	771	rBV	483119	851160	37.54%	6.857%
5	7.997	828	835	843	rBV	108739	183004	8.07%	1.474%
6	8.326	882	891	902	rBV	375454	644996	28.45%	5.196%
7	9.166	1026	1034	1045	rBV	256403	483126	21.31%	3.892%
8	10.823	1308	1316	1333	rBV	115089	245468	10.83%	1.977%
9	13.279	1726	1734	1758	rBV	793645	1314809	57.99%	10.592%
10	14.107	1869	1875	1888	rBV	88765	161290	7.11%	1.299%
11	14.660	1962	1969	1987	rBV	240212	390064	17.20%	3.142%
12	16.152	2216	2223	2244	rBV	750807	1280930	56.49%	10.319%
13	17.409	2431	2437	2454	rBV2	323337	525820	23.19%	4.236%
14	18.302	2585	2589	2600	rBV2	35470	64002	2.82%	0.516%
15	20.024	2876	2882	2888	rBV	1675814	2267388	100.00%	18.265%
16	20.823	3014	3018	3022	rVB3	29050	33567	1.48%	0.270%
17	21.322	3098	3103	3112	rBV2	138259	253643	11.19%	2.043%
18	21.687	3159	3165	3176	rVB	413843	671269	29.61%	5.407%
19	21.875	3193	3197	3203	rBV	43351	62633	2.76%	0.505%
20	22.491	3297	3302	3308	rBV	50266	83056	3.66%	0.669%
21	23.191	3416	3421	3428	rVB2	51608	98359	4.34%	0.792%
22	24.002	3553	3559	3567	rVB2	49066	103310	4.56%	0.832%
23	24.930	3707	3717	3736	rBV	254448	826279	36.44%	6.656%
24	26.105	3911	3917	3926	rVB5	22873	61976	2.73%	0.499%

Sum of corrected areas: 12413754

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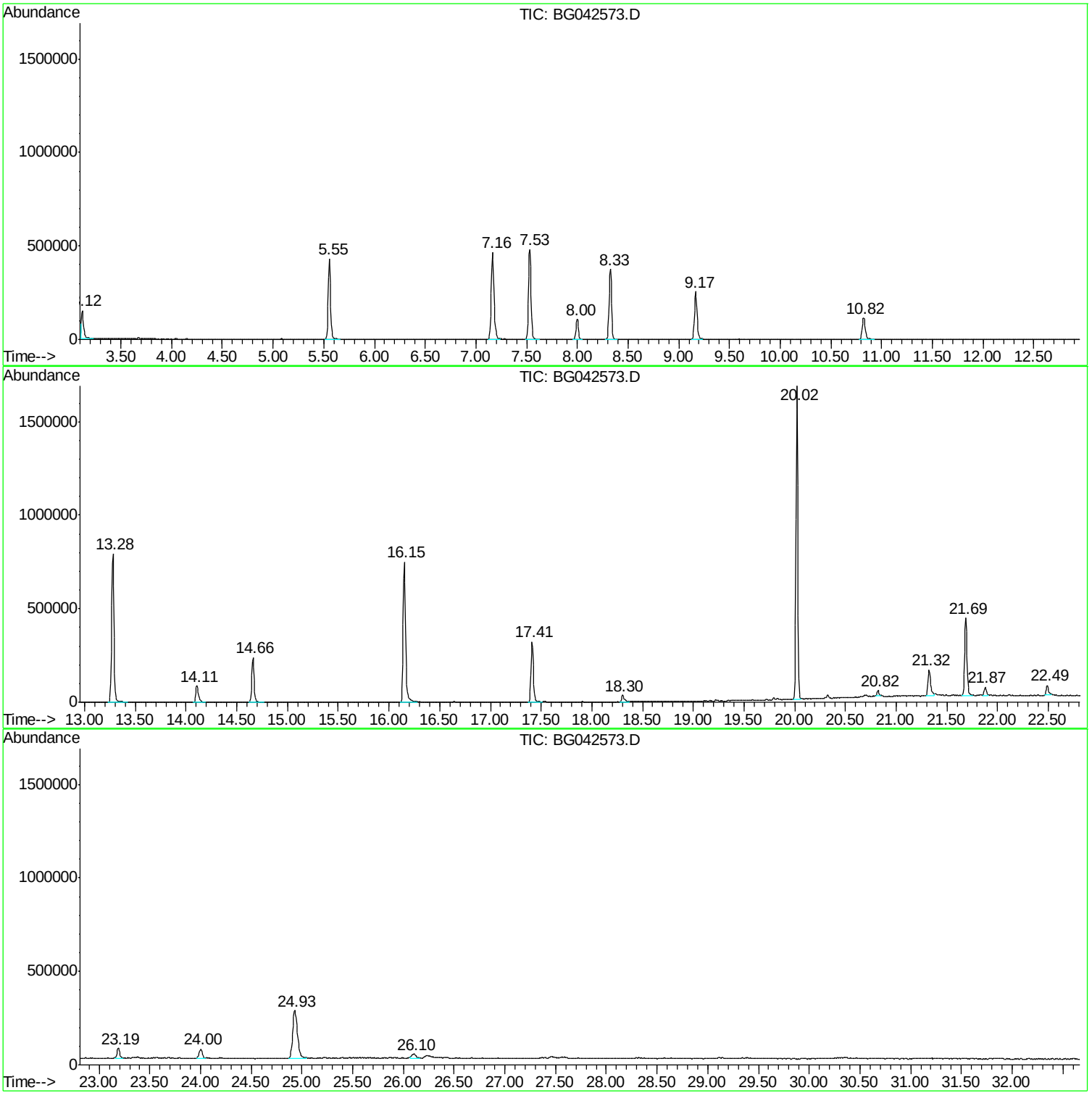
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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\BG082919\
Data File : BG042573.D
Acq On : 29 Aug 2019 20:10
Operator : HP/JU
Sample : K4562-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

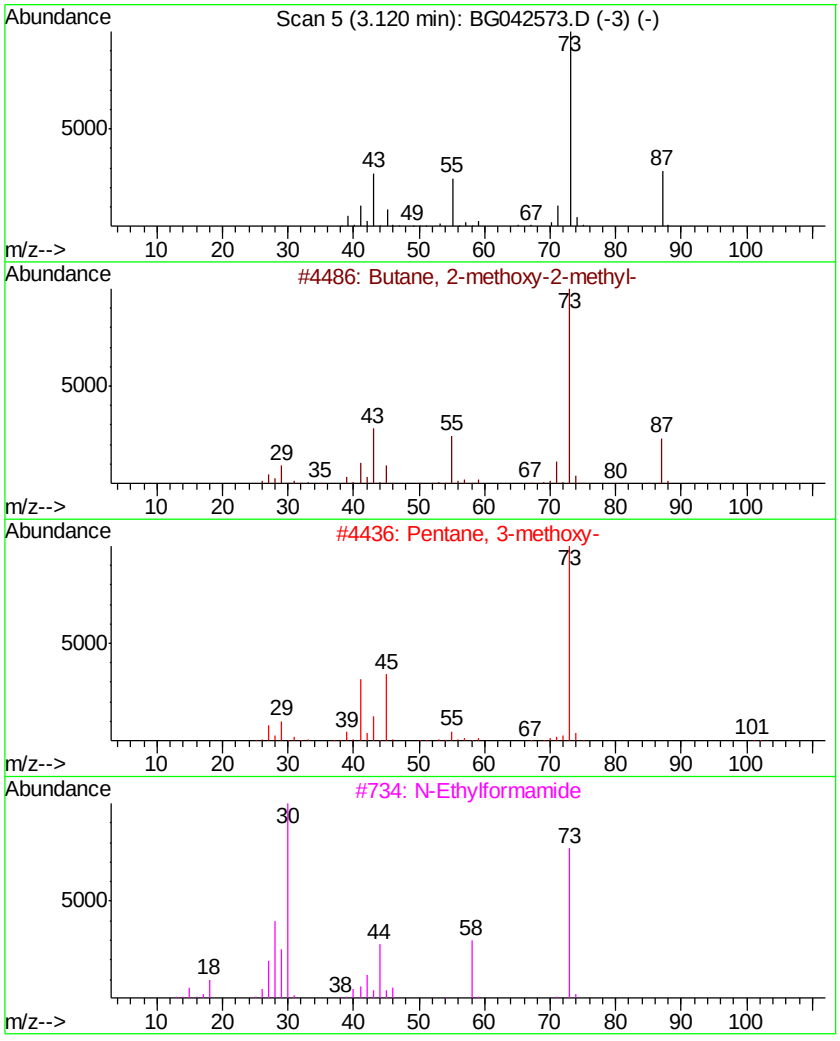
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

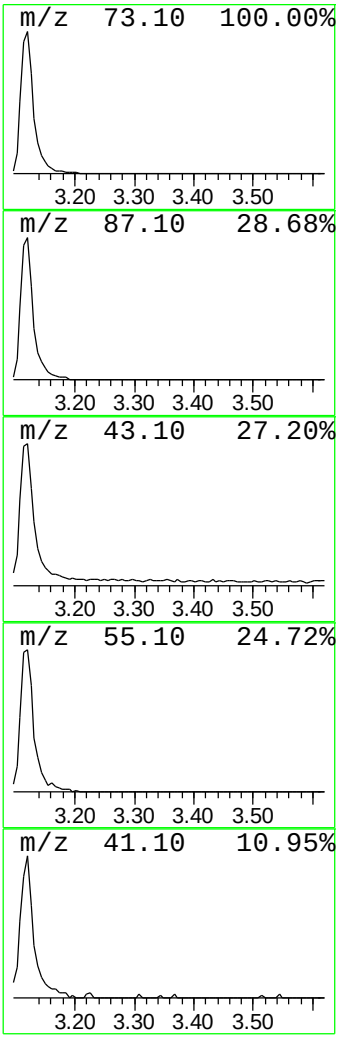
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	21.32 ng	195086	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042573.D
Acq On : 29 Aug 2019 20:10
Operator : HP/JU
Sample : K4562-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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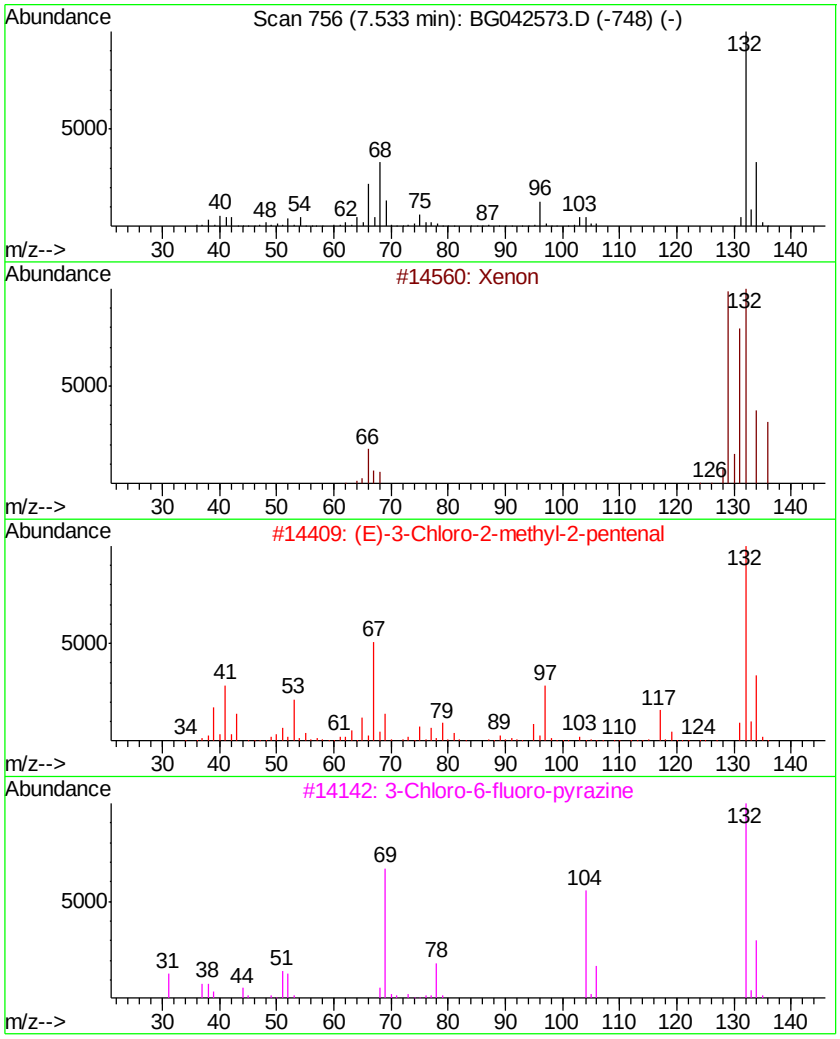
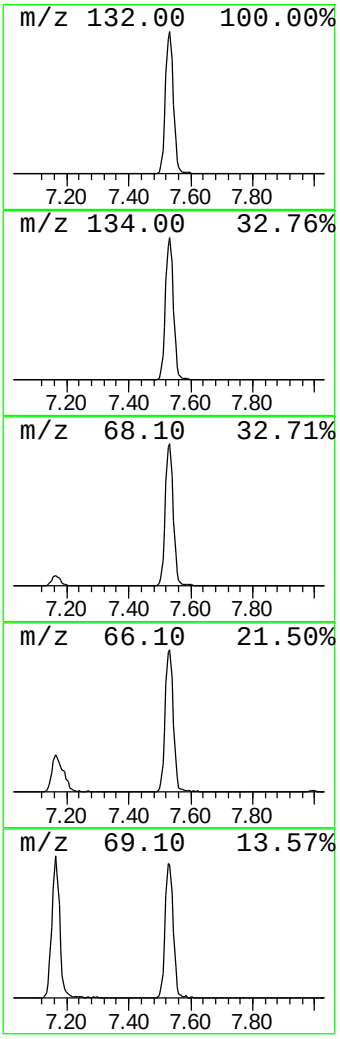
Peak Number 2 Xenon Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	93.02 ng	851160	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	50
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042573.D
Acq On : 29 Aug 2019 20:10
Operator : HP/JU
Sample : K4562-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

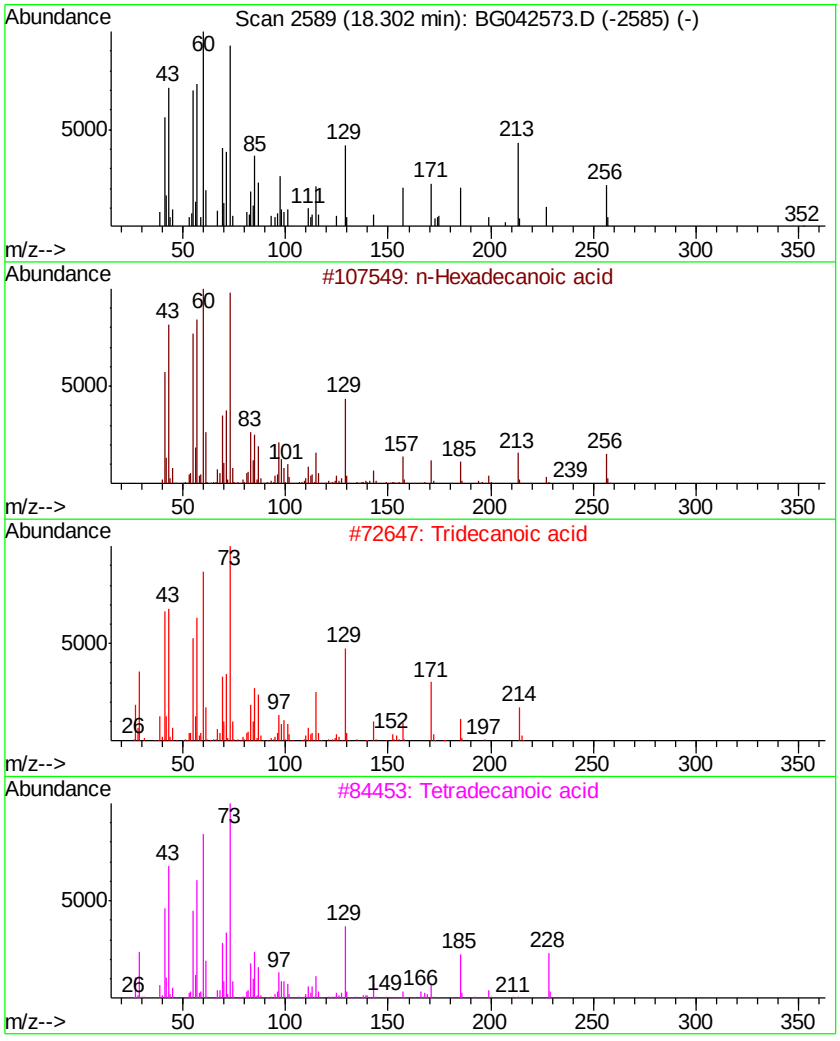
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

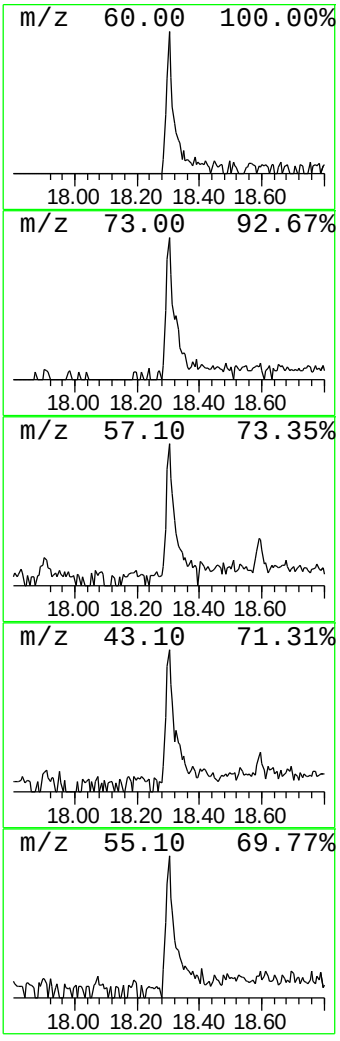
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.43 ng	64002	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	52
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Dodecanoic acid	200	C12H24O2	000143-07-7	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042573.D
Acq On : 29 Aug 2019 20:10
Operator : HP/JU
Sample : K4562-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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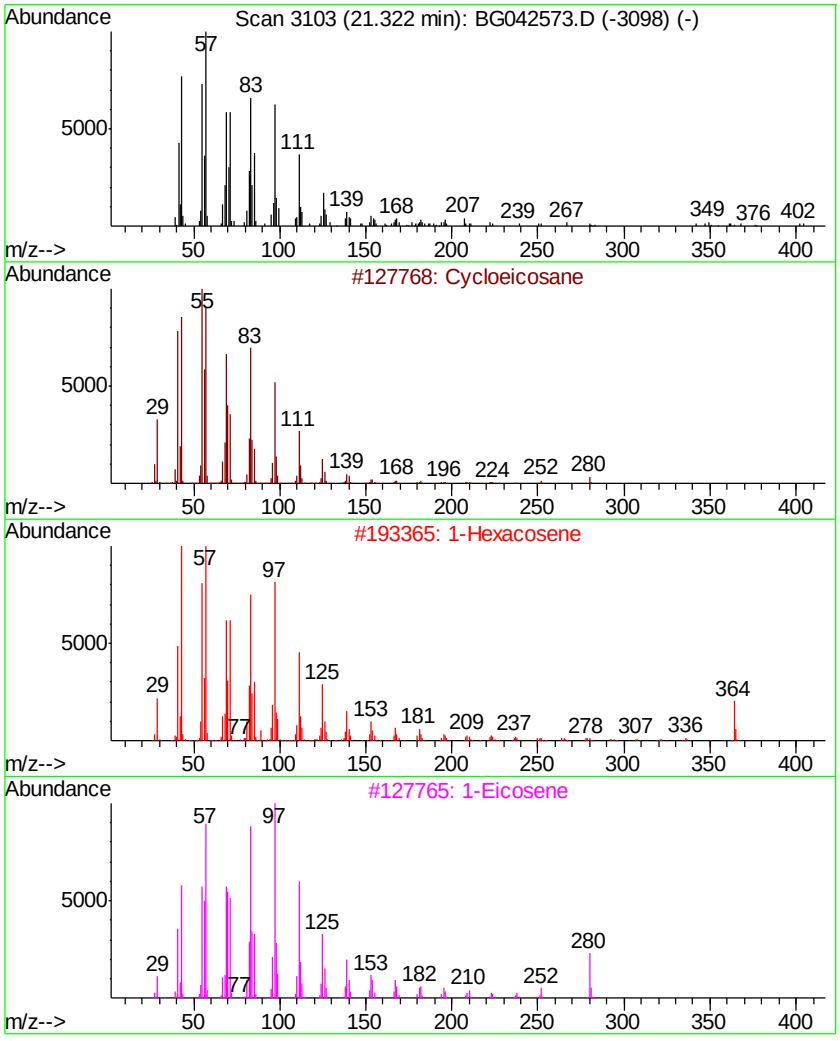
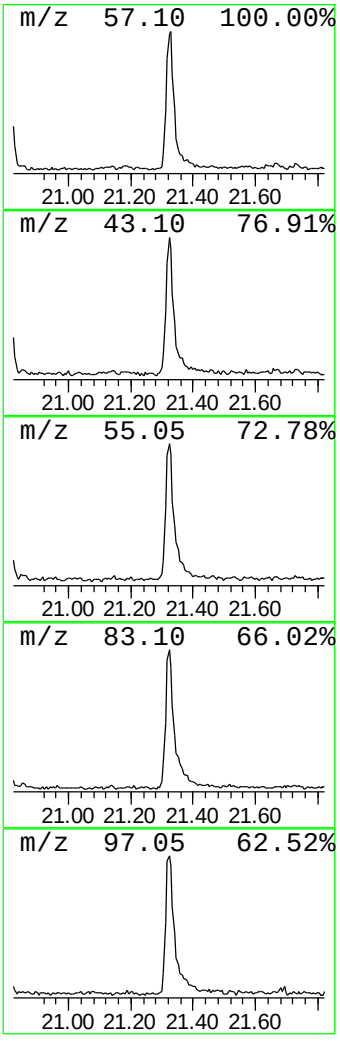
Peak Number 5 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	7.56 ng	253643	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Hexacosene	364	C26H52	018835-33-1	98
3	1-Eicosene	280	C20H40	003452-07-1	96
4	1-Octadecene	252	C18H36	000112-88-9	95
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042573.D
Acq On : 29 Aug 2019 20:10
Operator : HP/JU
Sample : K4562-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

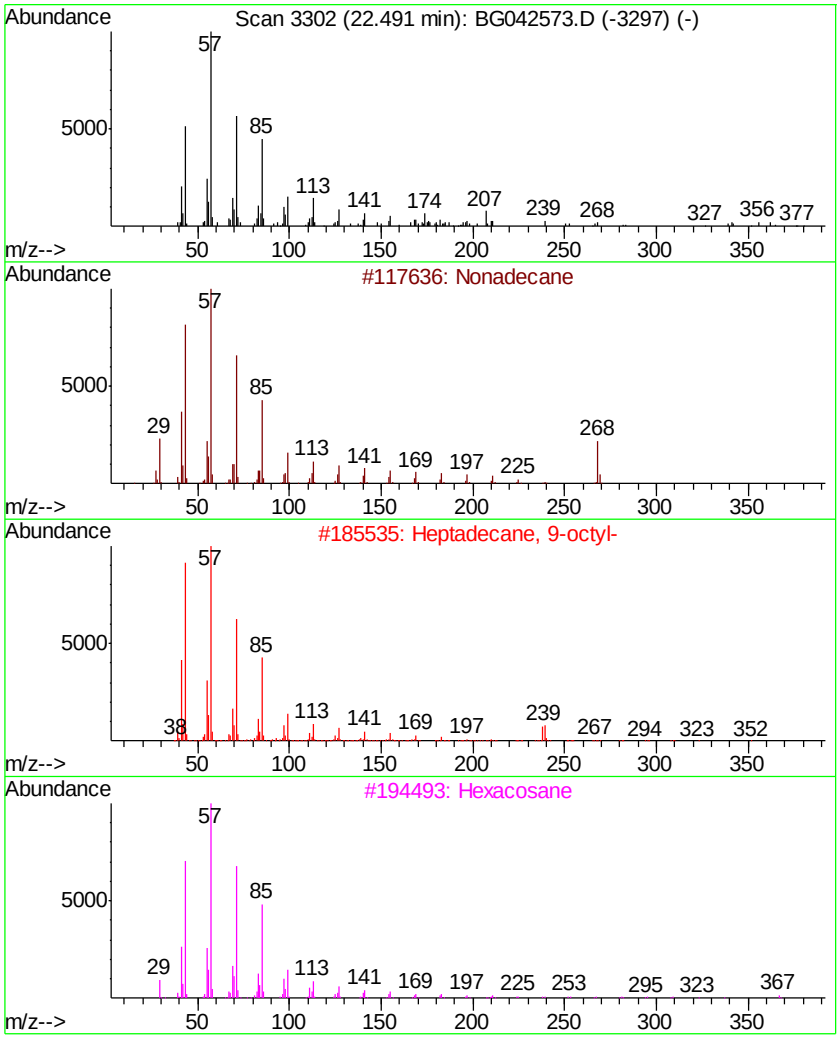
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

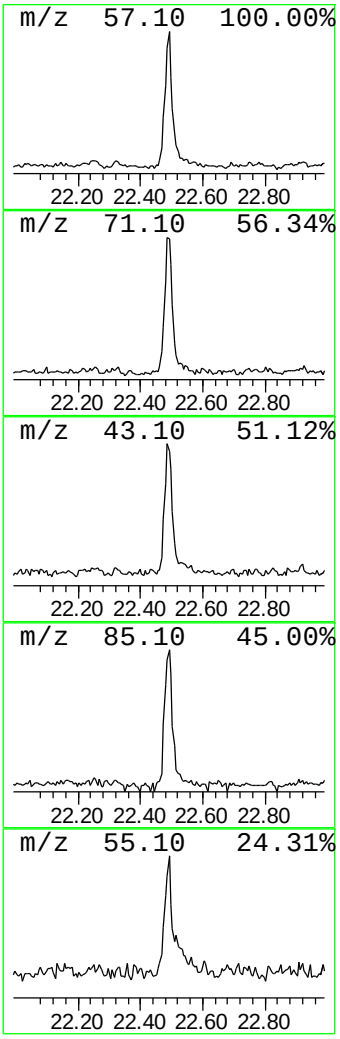
****

Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.47 ng	83056	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentacosane	352	C25H52	000629-99-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
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Sample : K4562-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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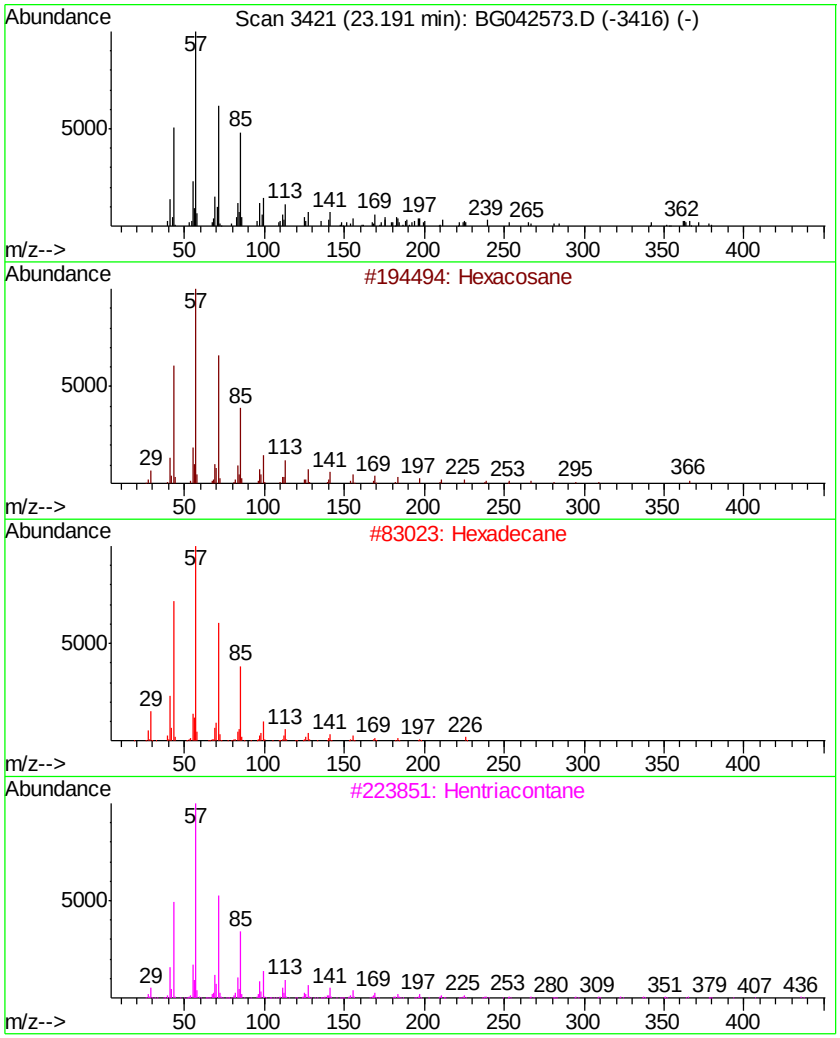
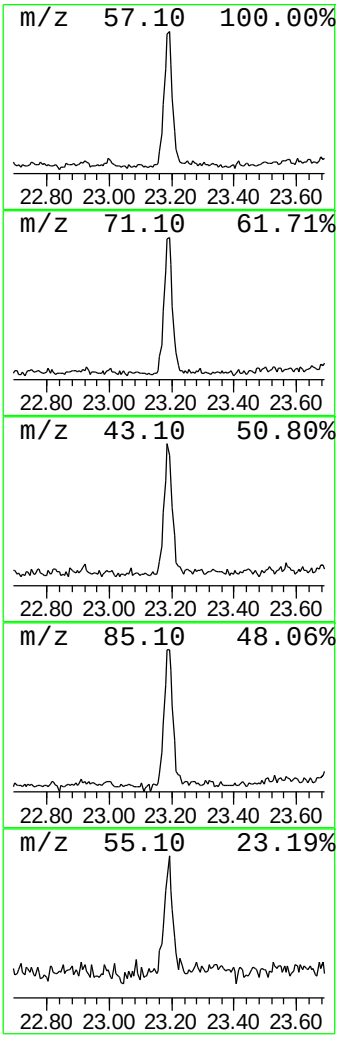
Peak Number 7 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	2.93 ng	98359	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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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

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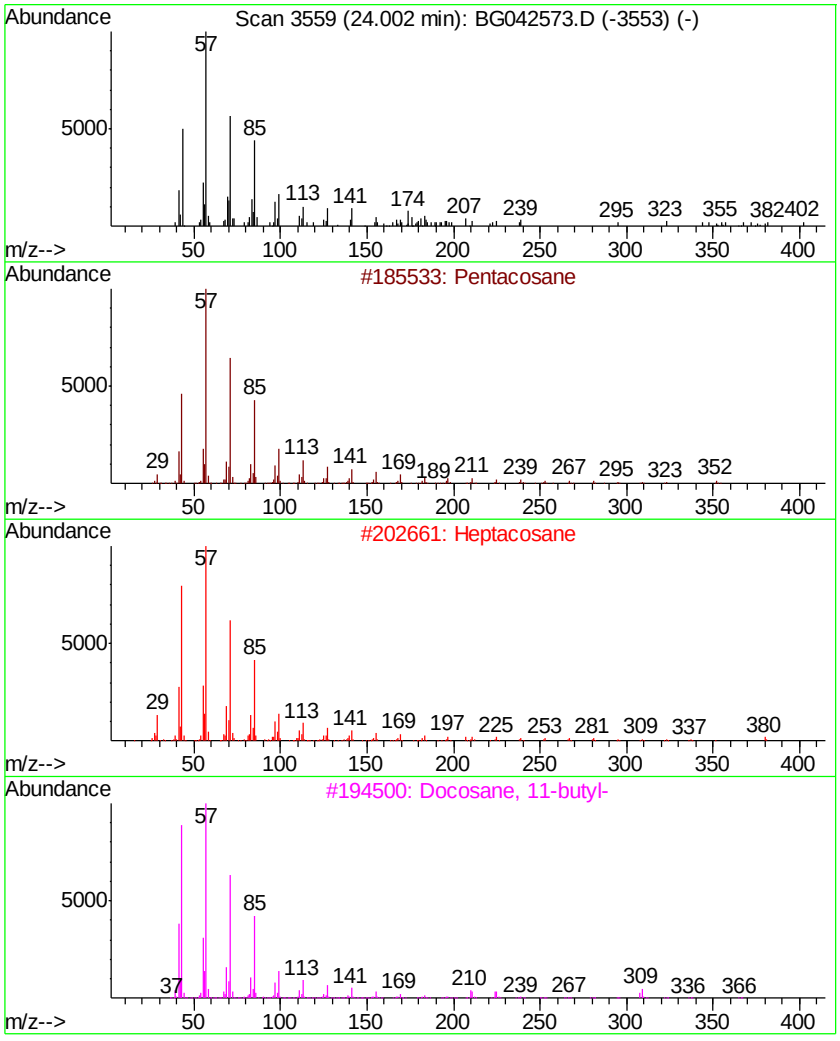
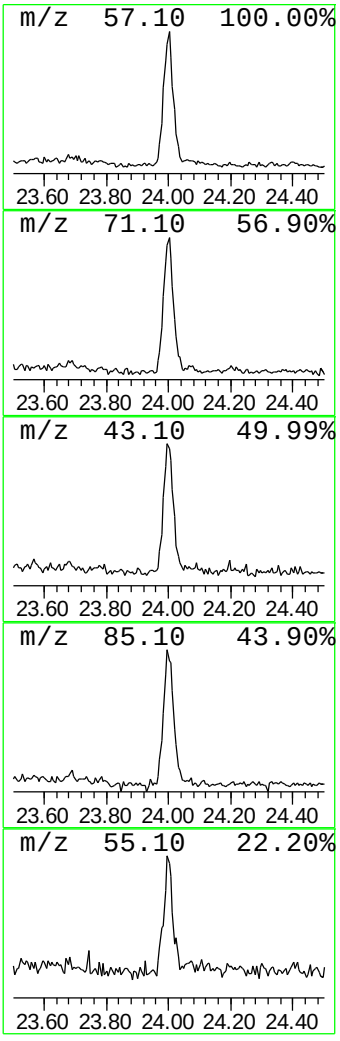
Peak Number 8 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.50 ng	103310	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	98
2	Heptacosane	380	C27H56	000593-49-7	96
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Triacontane	422	C30H62	000638-68-6	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	21.3	ng	195086	1	8.00	183004	20.0
Xenon	7.53	93.0	ng	851160	1	8.00	183004	20.0
n-Hexadecanoic acid	18.30	2.4	ng	64002	4	17.41	525820	20.0
Cycloeicosane	21.32	7.6	ng	253643	5	21.69	671269	20.0
Nonadecane	22.49	2.5	ng	83056	5	21.69	671269	20.0
Hexacosane	23.19	2.9	ng	98359	5	21.69	671269	20.0
Pentacosane	24.00	2.5	ng	103310	6	24.93	826279	20.0