LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

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_M\METHODS\8270-BM010919.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	4.869	299	303	312	rVB	197791	280011	2.10%	0.352%
2	5.316	373	379	391	rBV	4509836	6333355	47.40%	7.960%
3	6.904	641	649	664	rBV	4386018	7112986	53.24%	8.940%
4	7.257	702	709	720	rBV	4624032	7379997	55.24%	9.276%
5	7.722	782	788	795	rBV	754341	1202846	9.00%	1.512%
6	8.039	835	842	851	rBV	3417138	5556396	41.59%	6.984%
7	8.892	979	987	999	rBV	2648108	4327379	32.39%	5.439%
8	10.516	1255	1263	1272	rBV	970054	1615325	12.09%	2.030%
9	12.992	1676	1684	1700	rBV	6815762	9729014	72.82%	12.229%
10	13.833	1820	1827	1839	rBV	256952	388259	2.91%	0.488%
11	14.374	1913	1919	1927	rVB2	1412239	2092172	15.66%	2.630%
12	15.868	2164	2173	2189	rBV	5459695	7934747	59.39%	9.973%
13	17.127	2380	2387	2392	rBV2	1706770	2488624	18.63%	3.128%
14	18.015	2532	2538	2549	rBV2	458695	796214	5.96%	1.001%
15	19.186	2733	2737	2742	rVB	159992	218021	1.63%	0.274%
16	19.298	2752	2756	2765	rBV2	155692	263135	1.97%	0.331%
17	19.550	2796	2799	2807	rVB	132734	195836	1.47%	0.246%
18	19.762	2828	2835	2840	rBV	10431492	13360495	100.00%	16.793%
19	21.021	3044	3049	3059	rBV	535237	730350	5.47%	0.918%
20	21.321	3094	3100	3104	rBV	2369758	3080344	23.06%	3.872%
21	21.891	3195	3197	3204	rVB3	121938	168223	1.26%	0.211%
22	22.362	3274	3277	3282	rVB	184009	231309	1.73%	0.291%
23	22.874	3360	3364	3368	rBV	238191	365916	2.74%	0.460%
24	23.444	3458	3461	3466	rVB	235287	322649	2.41%	0.406%
25	23.585	3479	3485	3499	rVB	1612556	2967247	22.21%	3.730%
26	24.103	3569	3573	3580	rVB2	228799	419118	3.14%	0.527%

Sum of corrected areas: 79559968

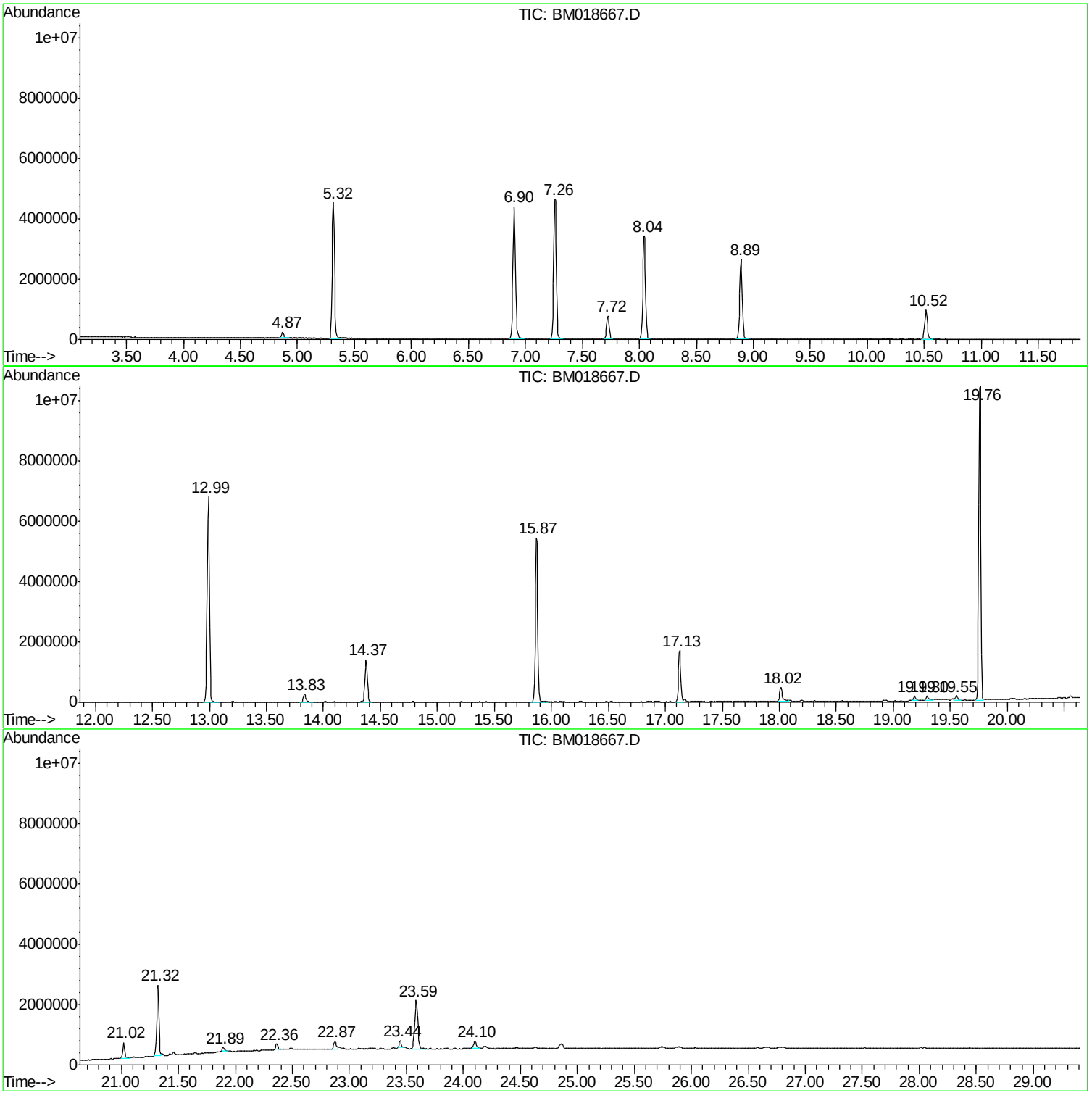
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

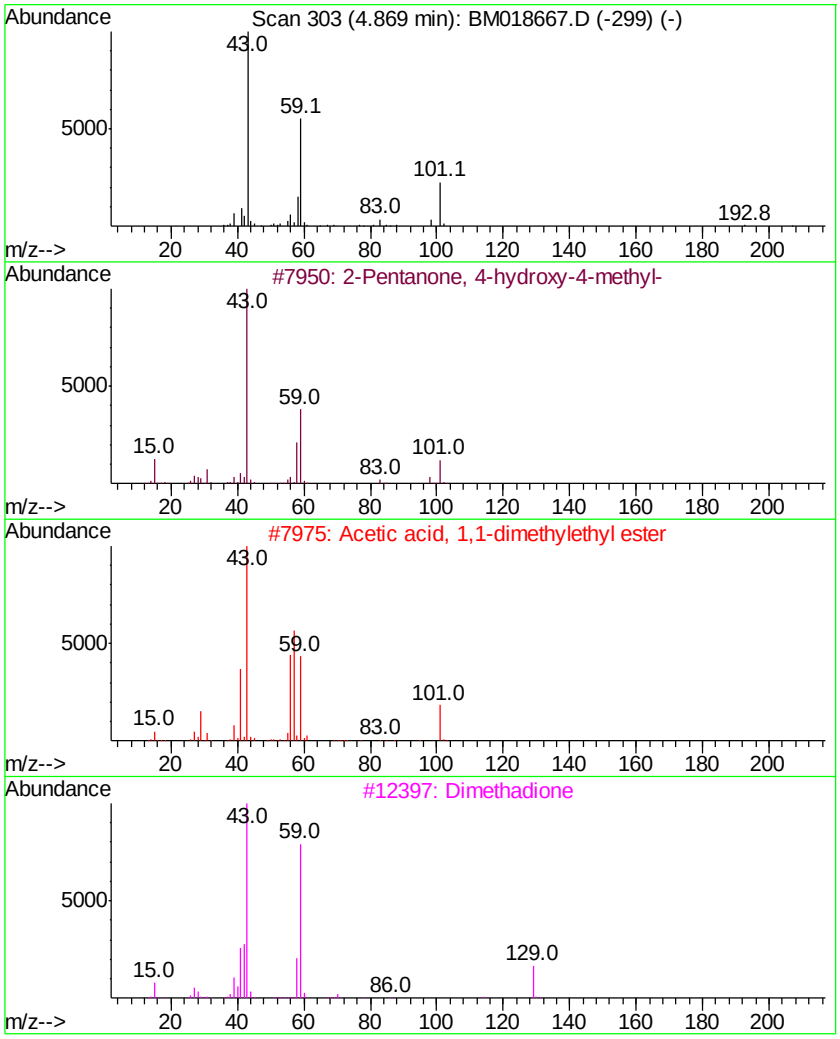
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

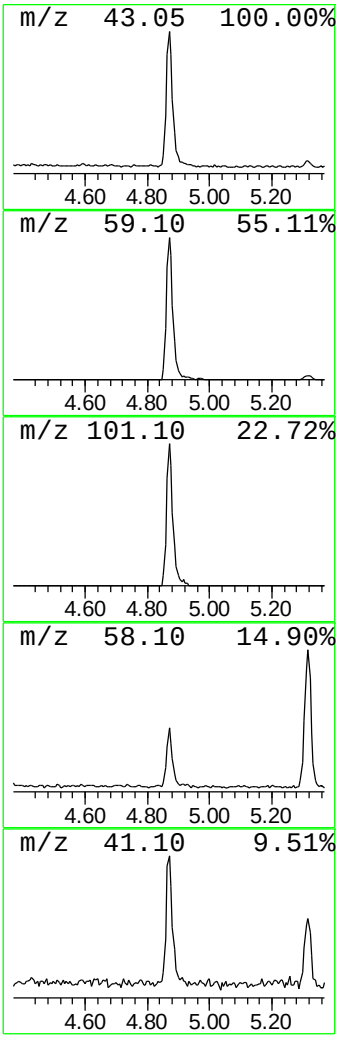
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	4.66 ng	280011	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Dimethadione	129	C5H7NO3	000695-53-4	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

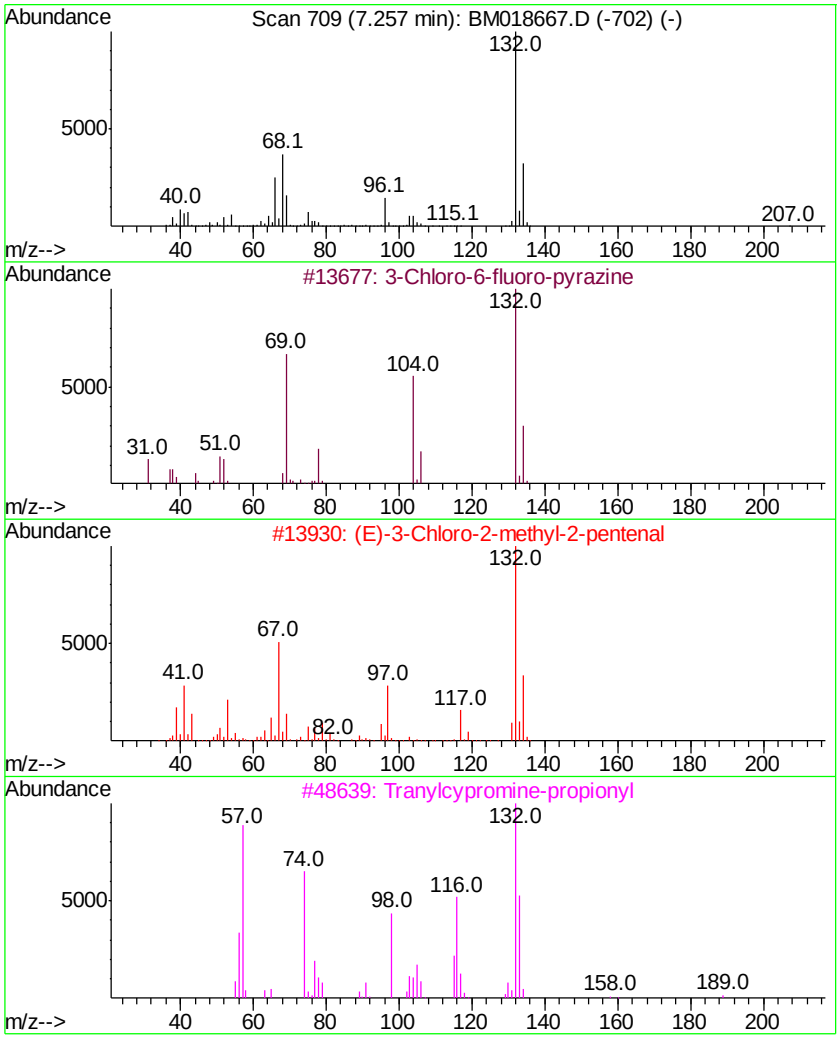
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

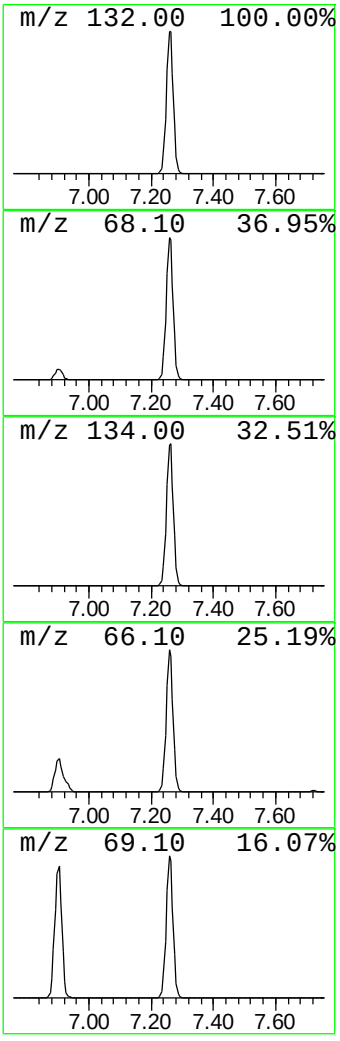
****

Peak Number 2 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	122.71 ng	7380000	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

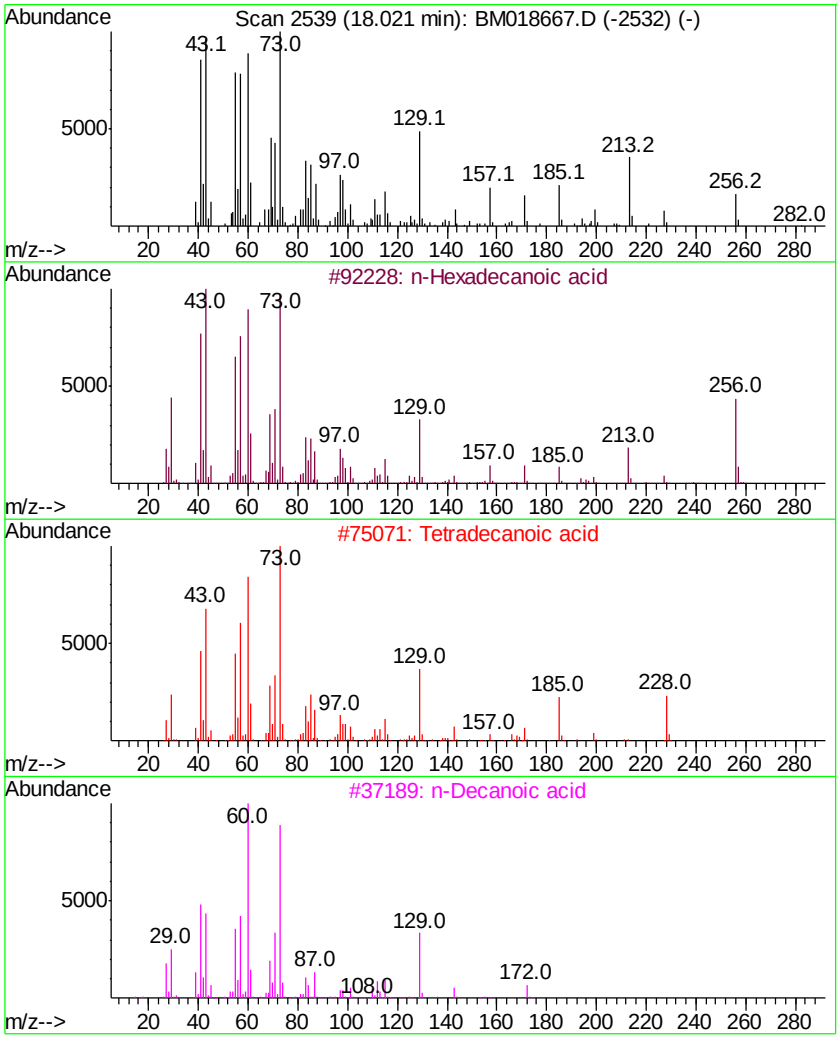
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

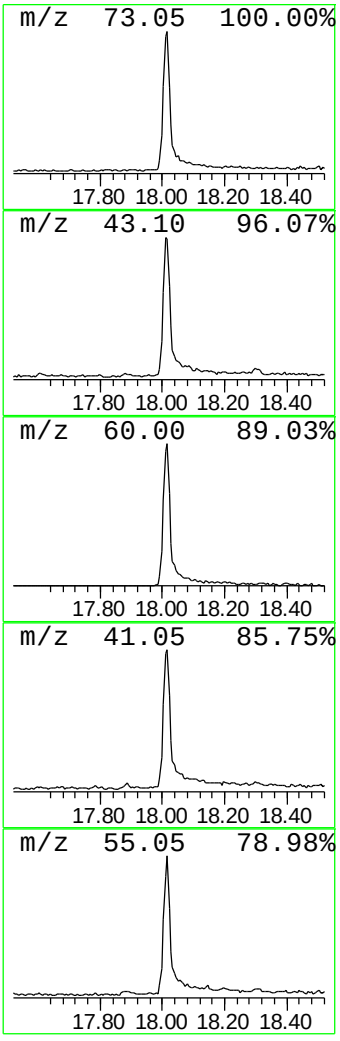
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.40 ng	796214	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Nonanoic acid	158	C9H18O2	000112-05-0	18
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

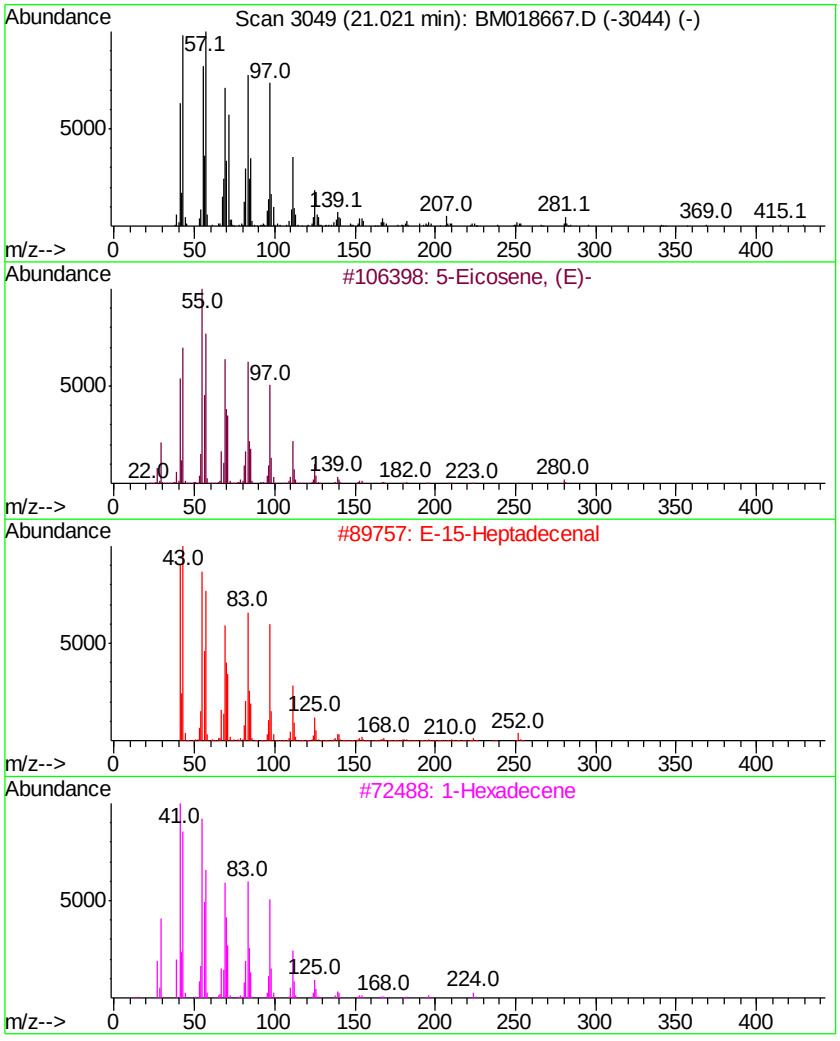
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

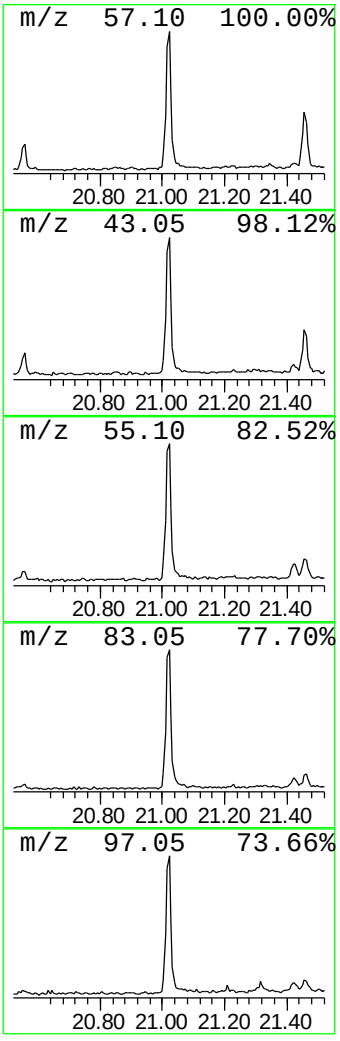
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.74 ng	730350	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	1-Hexadecene	224	C16H32	000629-73-2	94
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

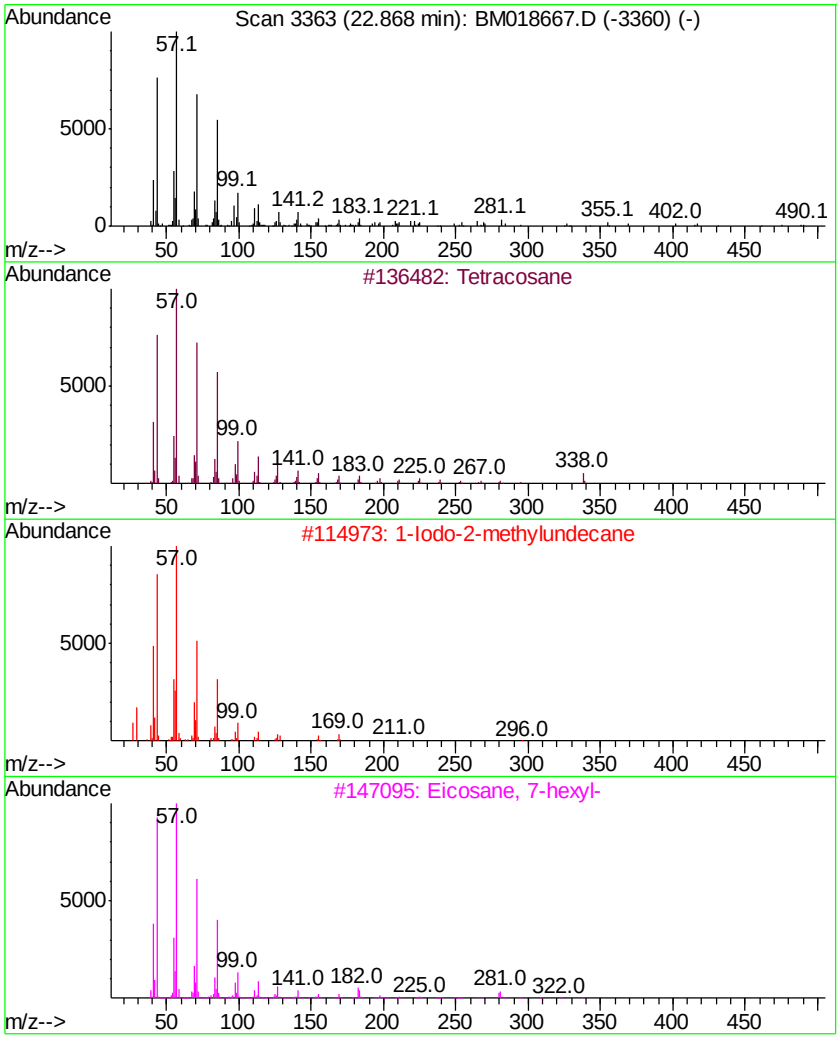
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

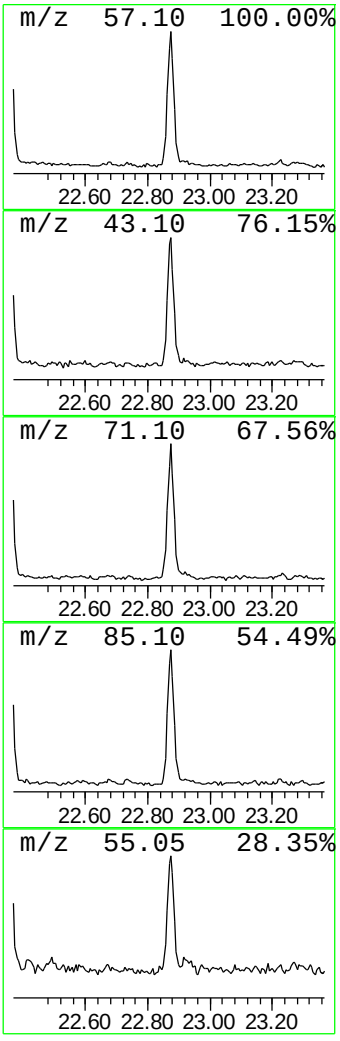
****

Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.47 ng	365916	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
4	Heptacosane	380	C27H56	000593-49-7	76
5	Eicosane	282	C20H42	000112-95-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

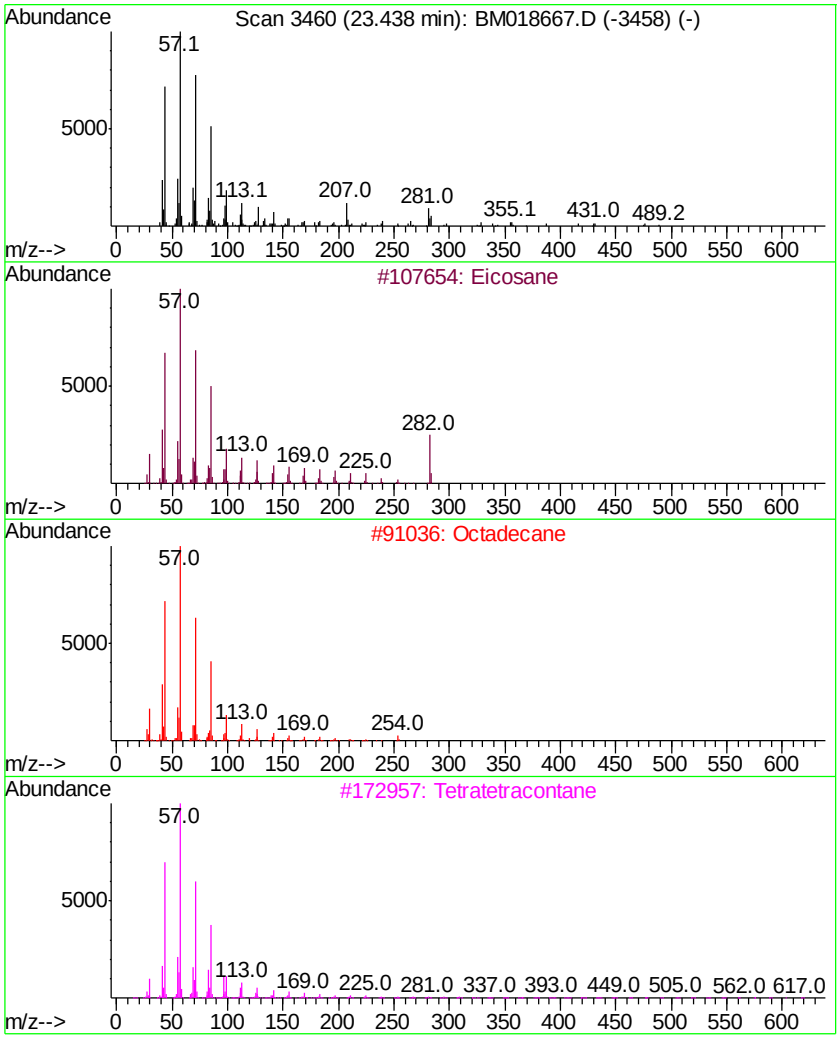
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

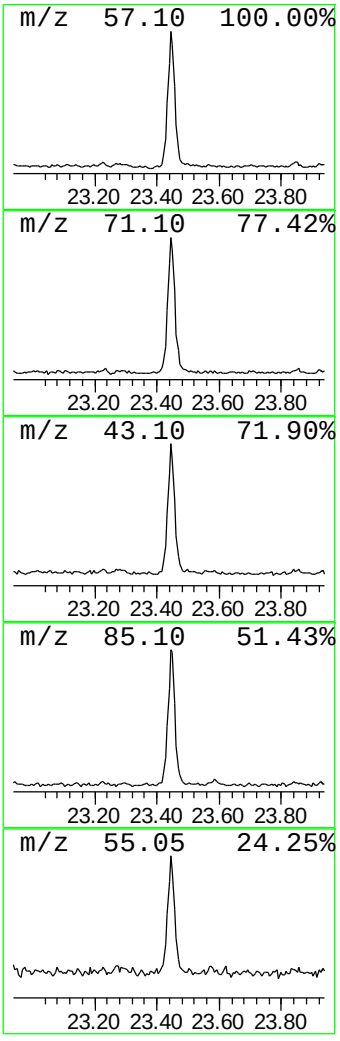
****

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	2.17 ng	322649	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octadecane	254	C18H38	000593-45-3	83
3	Tetratetracontane	619	C44H90	007098-22-8	81
4	Octacosane	394	C28H58	000630-02-4	81
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

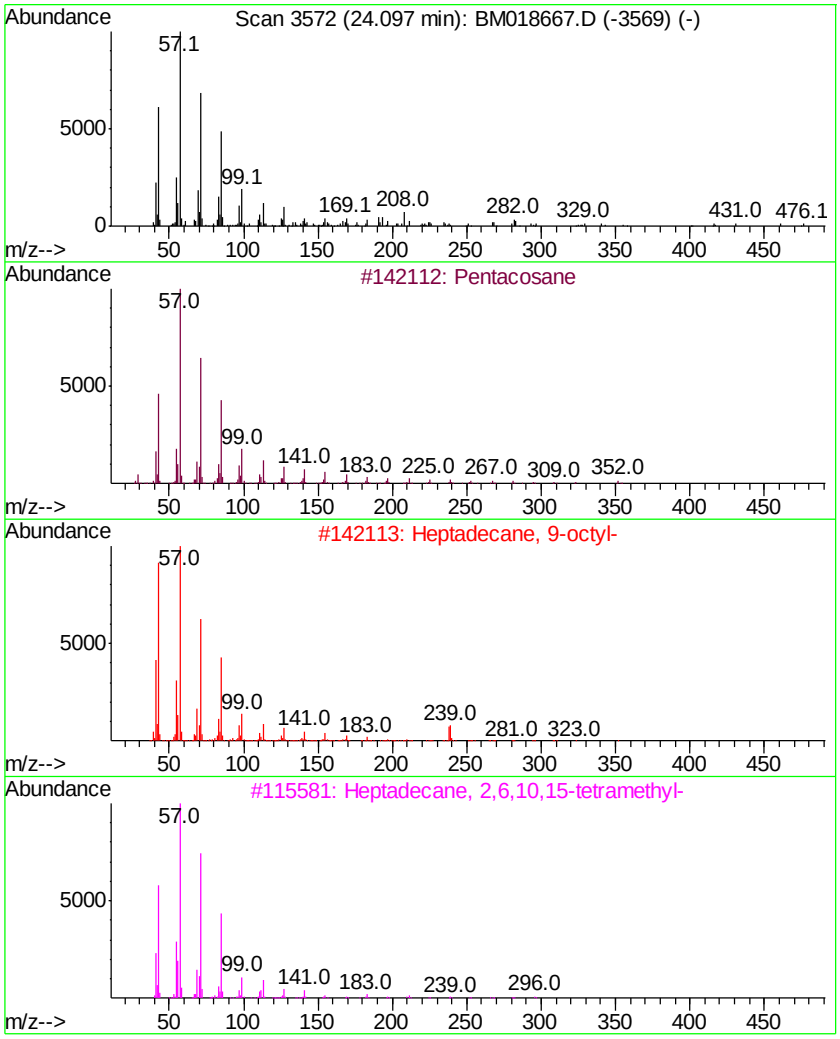
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

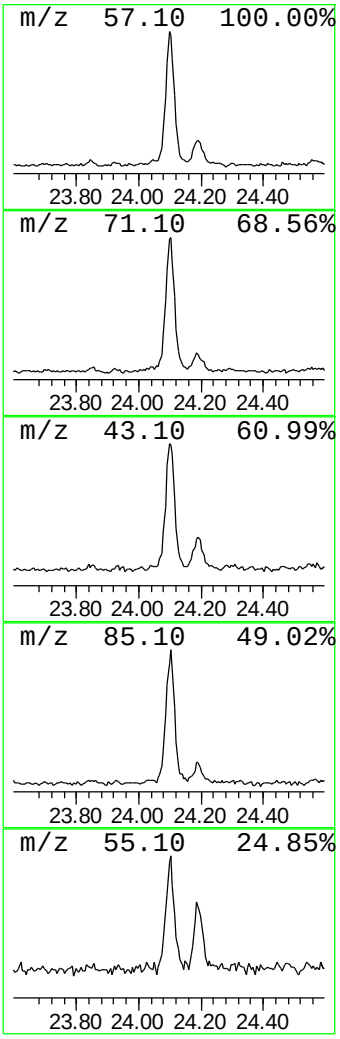
****

Peak Number 8 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.82 ng	419118	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
4	Triacontane	422	C30H62	000638-68-6	68
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012819\
Data File : BM018667.D
Acq On : 28 Jan 2019 16:55
Operator : JU/SJ
Sample : K1255-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.87	4.7	ng	280011	1	7.72	1202850	20.0
unknown7.26	7.26	122.7	ng	7380000	1	7.72	1202850	20.0
n-Hexadecanoic acid	18.02	6.4	ng	796214	4	17.13	2488620	20.0
5-Eicosene, (E)-	21.02	4.7	ng	730350	5	21.32	3080340	20.0
Tetracosane	22.87	2.5	ng	365916	6	23.59	2967250	20.0
Eicosane	23.44	2.2	ng	322649	6	23.59	2967250	20.0
Pentacosane	24.10	2.8	ng	419118	6	23.59	2967250	20.0