LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

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-BG041520.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	3.123	3	6	14	rVB	115123	172894	2.61%	0.651%
2	3.193	14	18	31	rVB	139536	213533	3.22%	0.804%
3	5.590	419	426	437	rVB	421946	695254	10.48%	2.616%
4	7.182	689	697	705	rBV	298361	526282	7.93%	1.981%
5	8.022	833	840	847	rBV	214488	372474	5.62%	1.402%
6	8.345	887	895	904	rBV	872015	1562511	23.56%	5.880%
7	9.179	1028	1037	1045	rBV	848375	1506055	22.70%	5.668%
8	10.830	1311	1318	1329	rVB	322912	583883	8.80%	2.197%
9	13.279	1727	1735	1746	rBV	2482346	4003289	60.35%	15.066%
10	14.102	1870	1875	1881	rBV	102748	152226	2.29%	0.573%
11	14.654	1960	1969	1980	rVB2	587854	942281	14.21%	3.546%
12	16.146	2214	2223	2234	rBV	2295888	3595787	54.21%	13.532%
13	17.403	2428	2437	2447	rBV	781359	1235605	18.63%	4.650%
14	20.012	2874	2881	2887	rBV	4693475	6633362	100.00%	24.964%
15	21.327	3100	3105	3112	rBV3	67286	111215	1.68%	0.419%
16	21.662	3155	3162	3170	rBV	808559	1318353	19.87%	4.961%
17	21.880	3194	3199	3207	rVB	74977	119723	1.80%	0.451%
18	22.485	3297	3302	3308	rVB2	107142	173630	2.62%	0.653%
19	23.178	3413	3420	3428	rVB2	138443	277250	4.18%	1.043%
20	23.983	3549	3557	3564	rBV2	146273	308964	4.66%	1.163%
21	24.852	3694	3705	3713	rBV	440444	1337441	20.16%	5.033%
22	24.928	3713	3718	3727	rVB2	127145	302000	4.55%	1.137%
23	26.050	3899	3909	3920	rVB3	88764	275179	4.15%	1.036%
24	27.396	4131	4138	4152	rVB6	41925	152938	2.31%	0.576%

Sum of corrected areas: 26572129

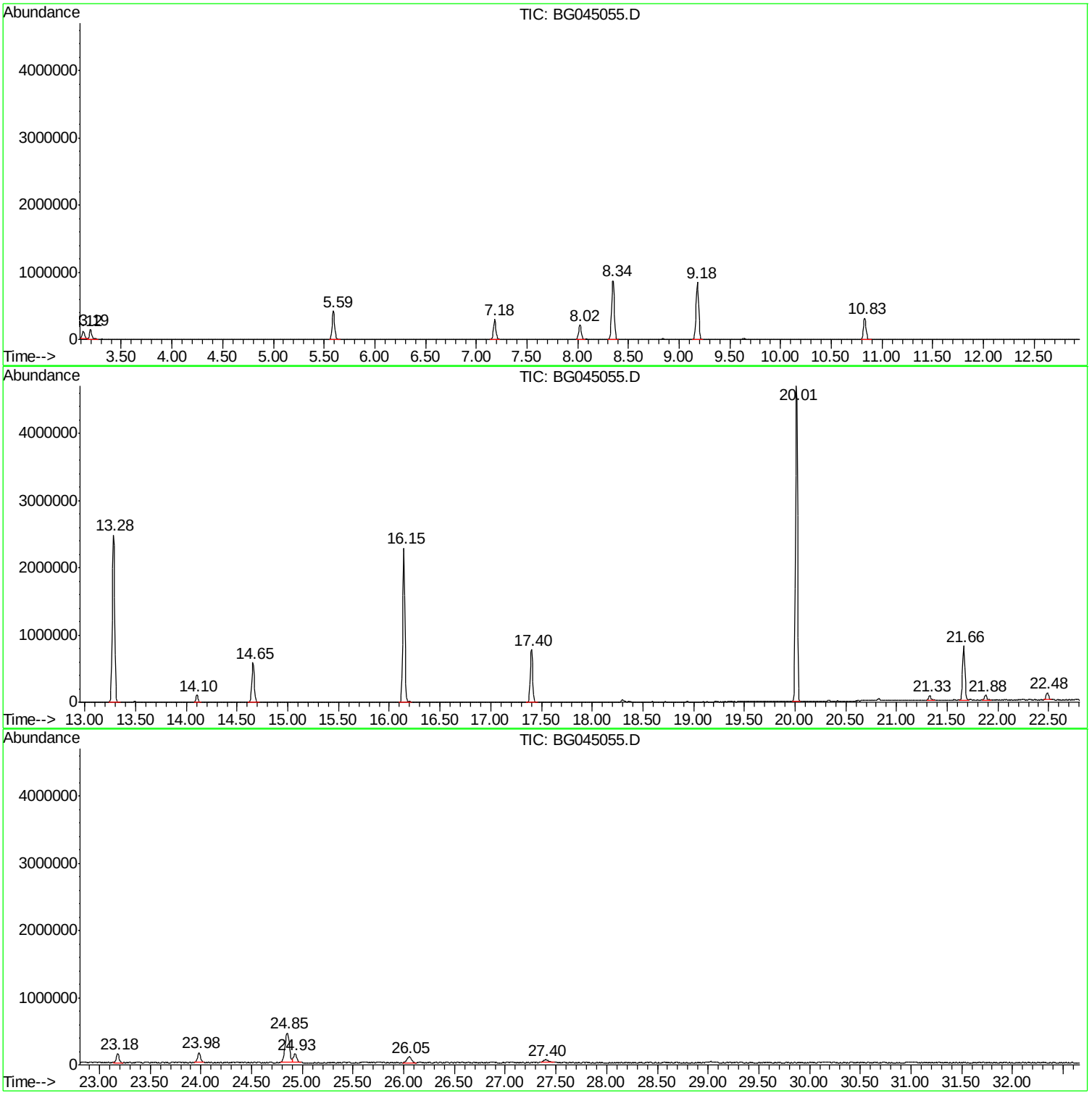
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

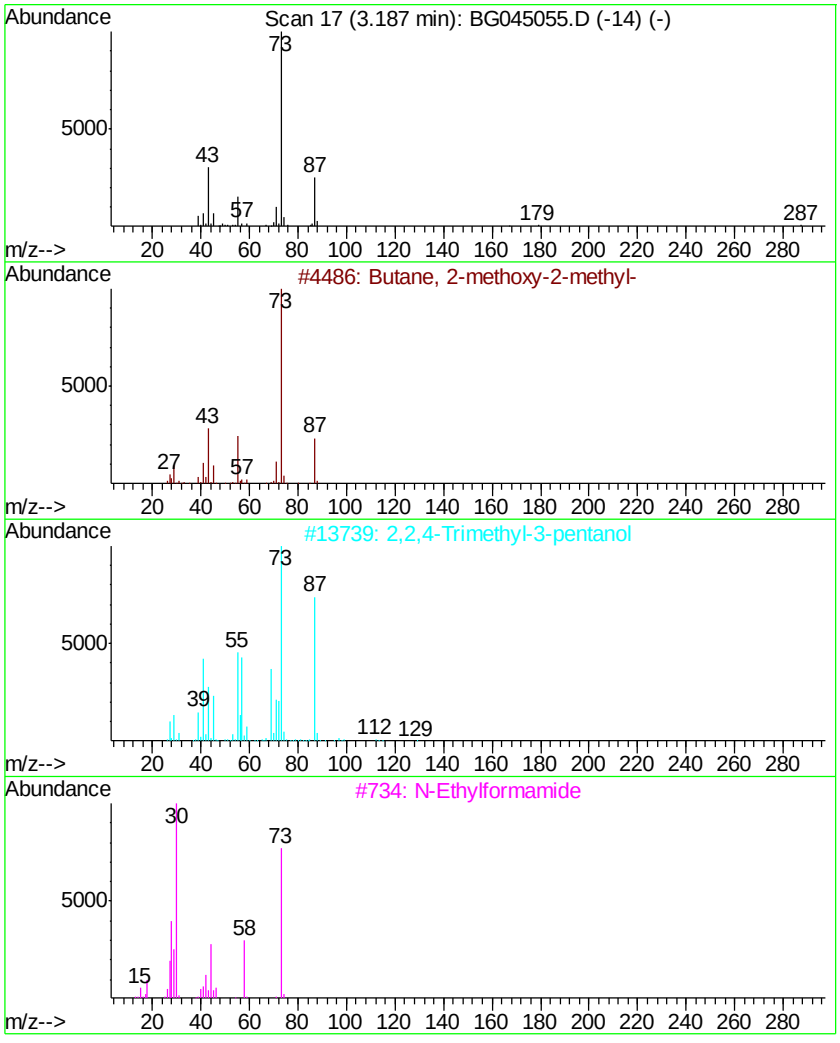
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

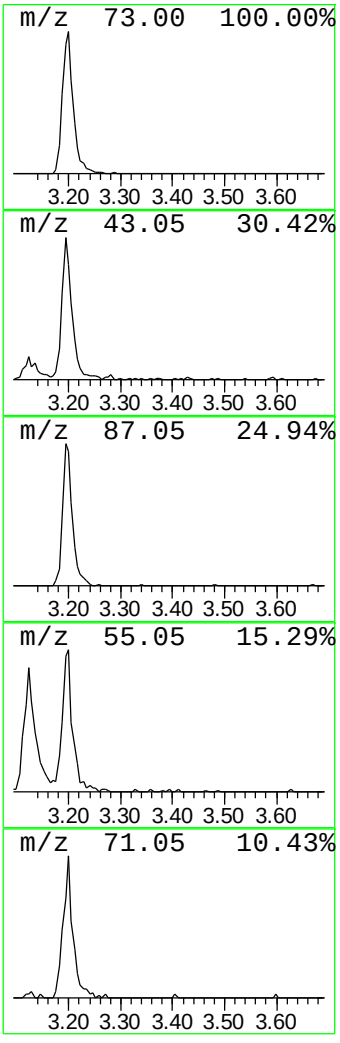
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	11.47 ng	213533	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

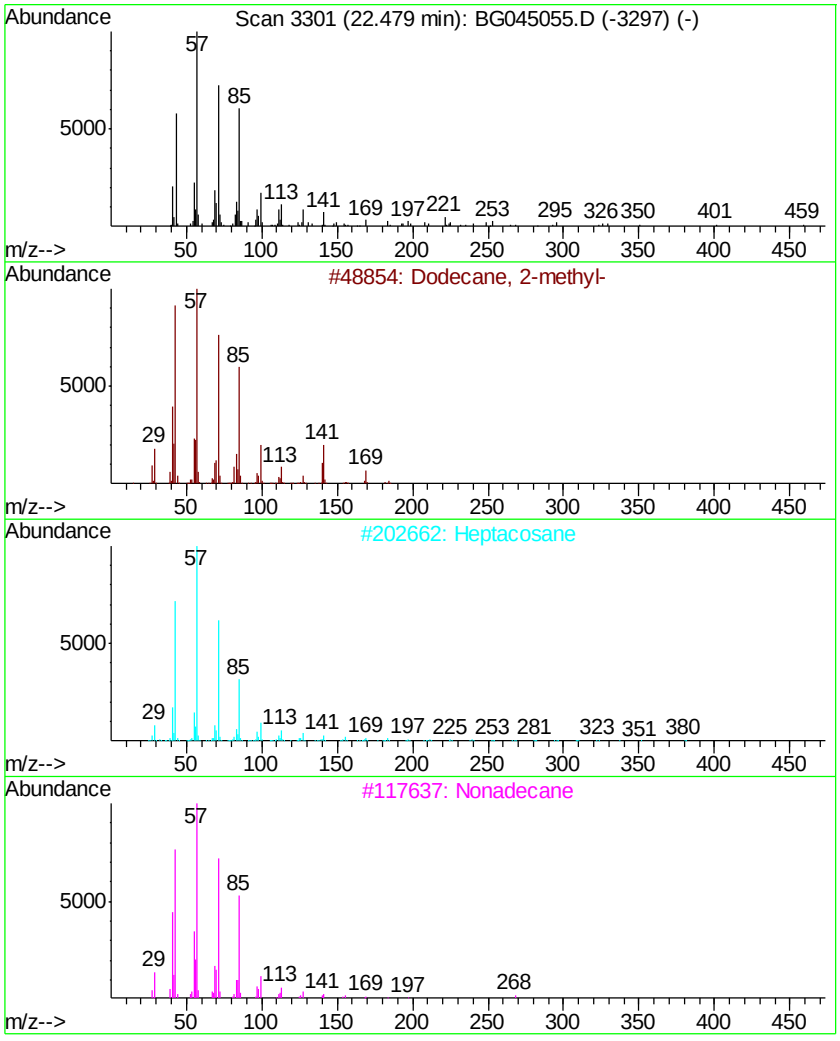
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

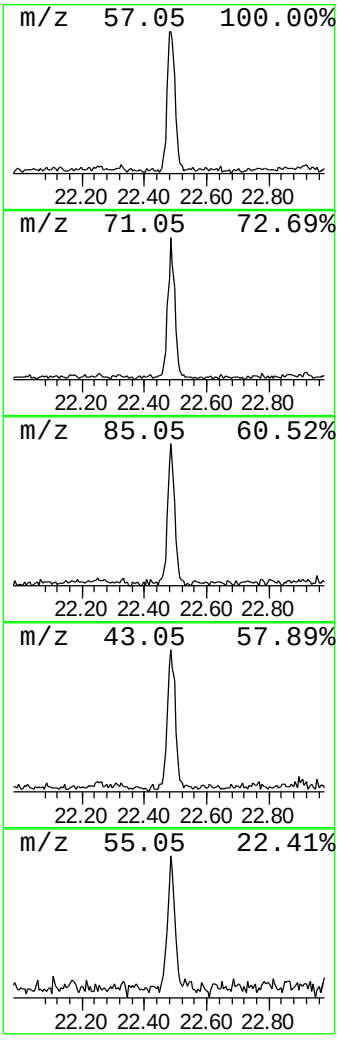
****

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.63 ng	173630	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	83
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

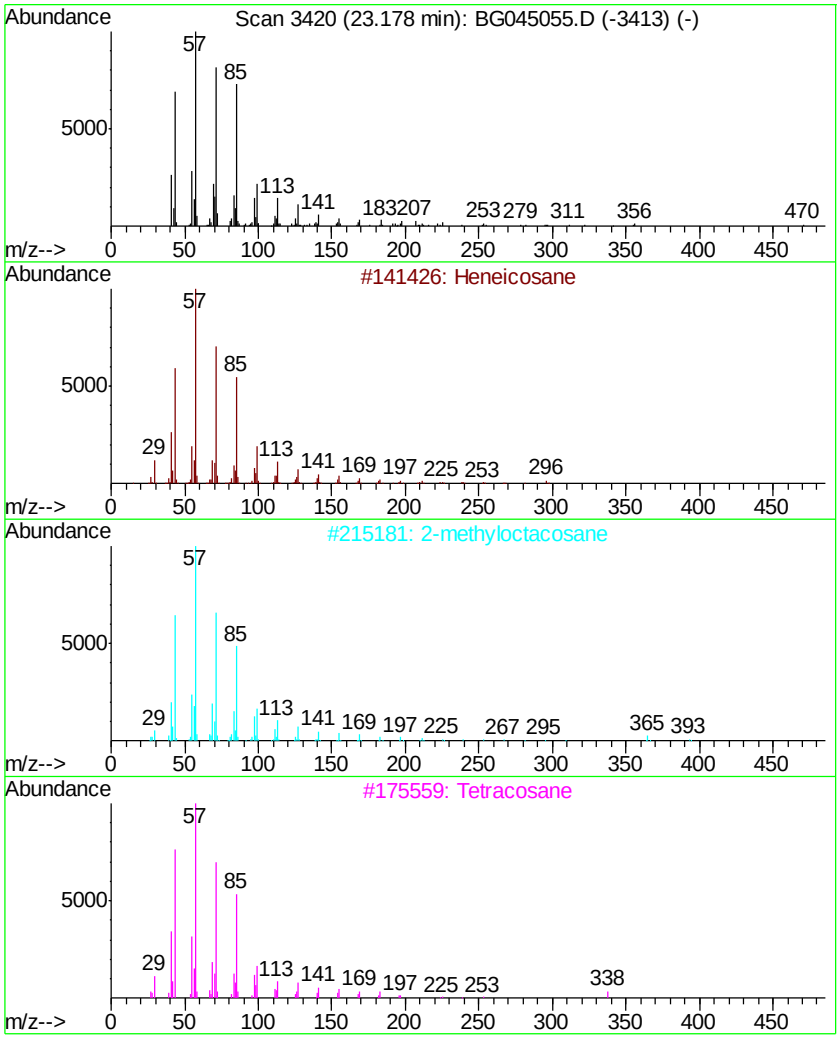
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

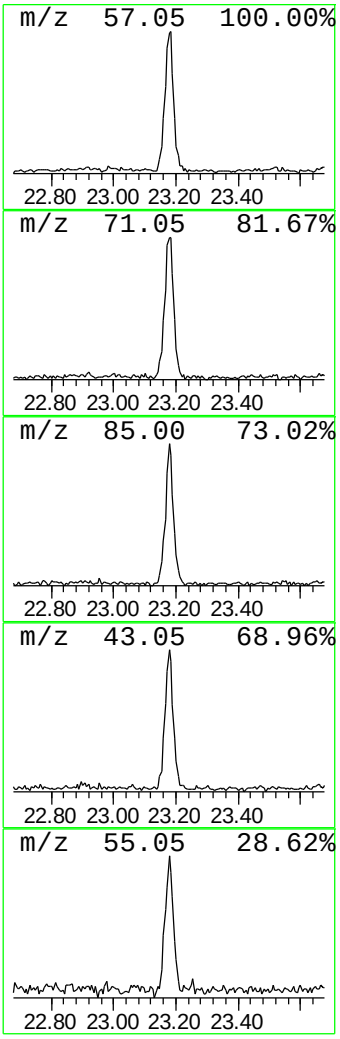
****

Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	4.21 ng	277250	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

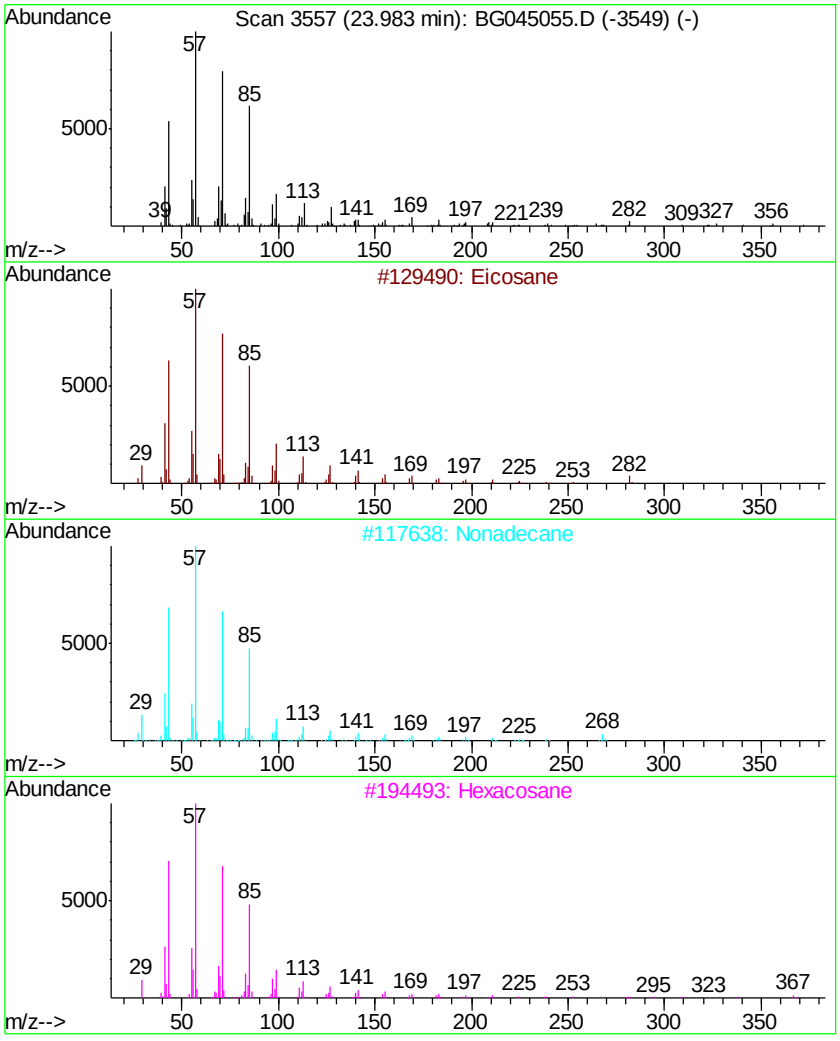
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

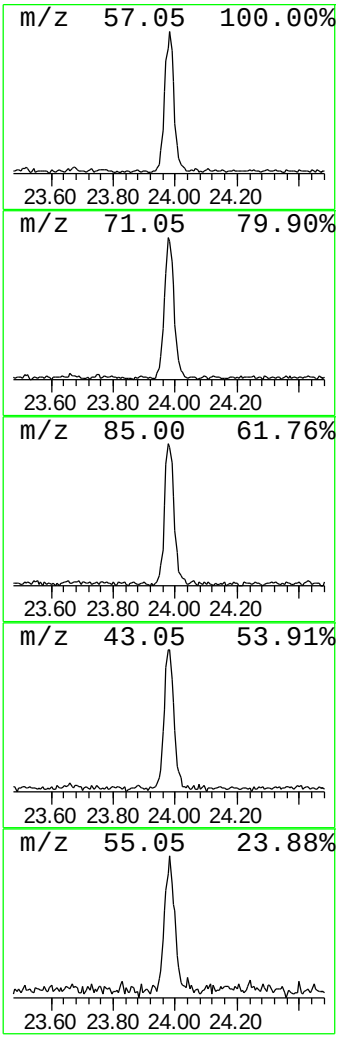
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	4.62 ng	308964	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

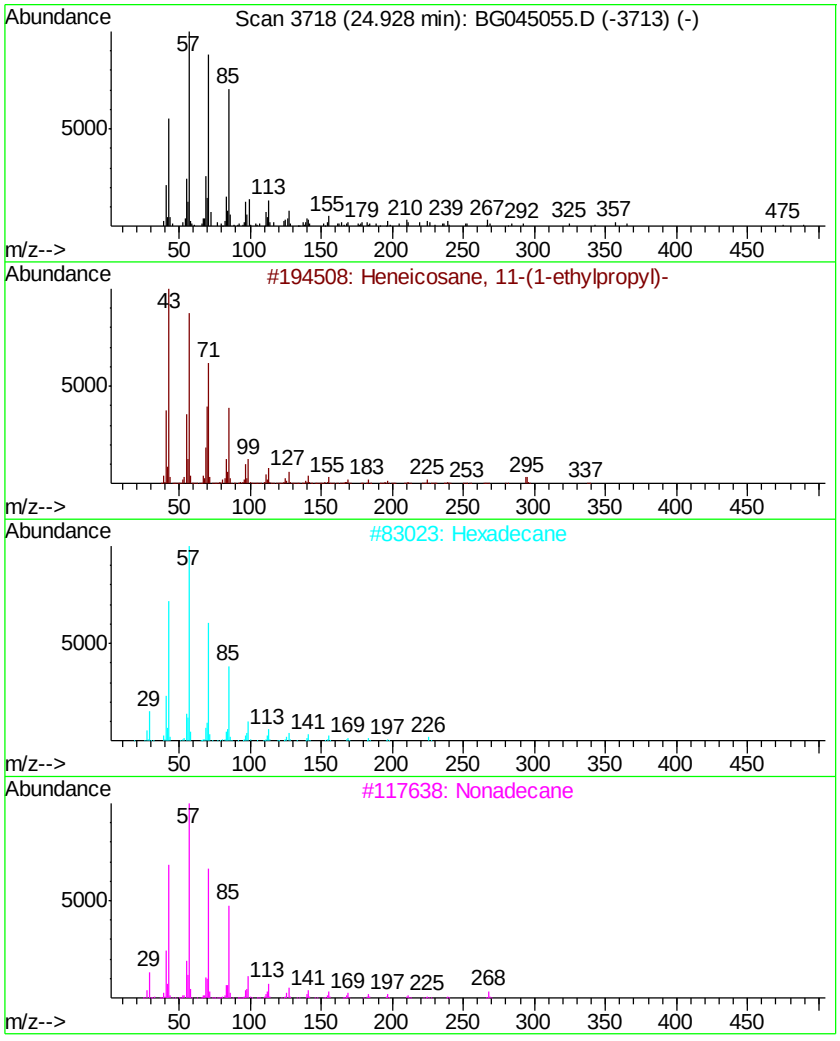
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

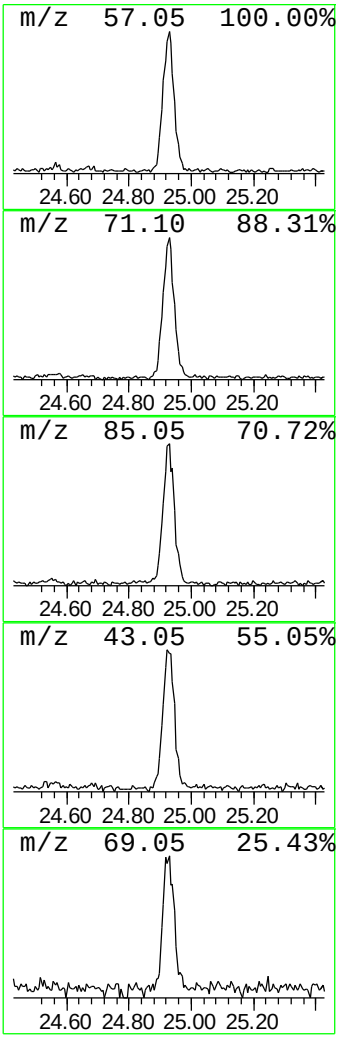
****

Peak Number 7 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	4.52 ng	302000	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

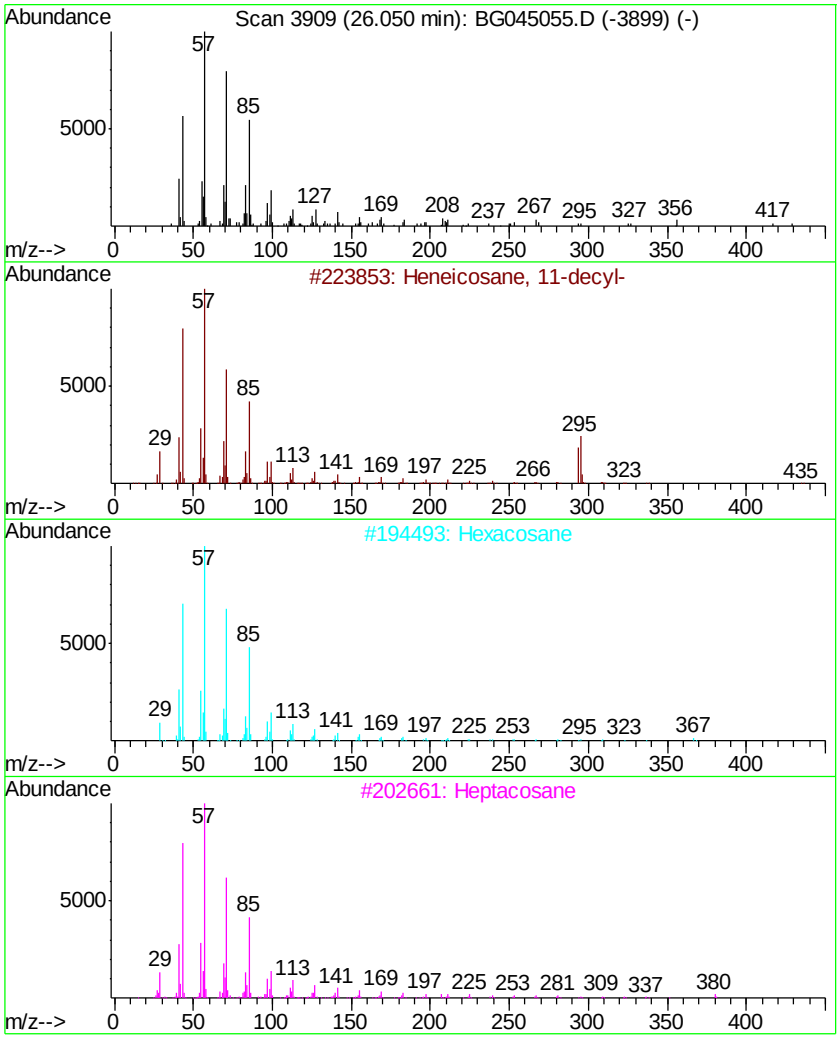
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

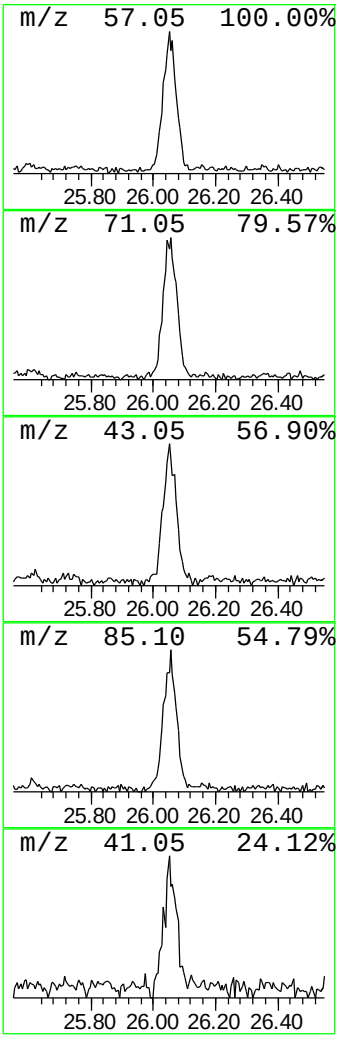
****

Peak Number 8 Heneicosane, 11-decyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	4.12 ng	275179	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

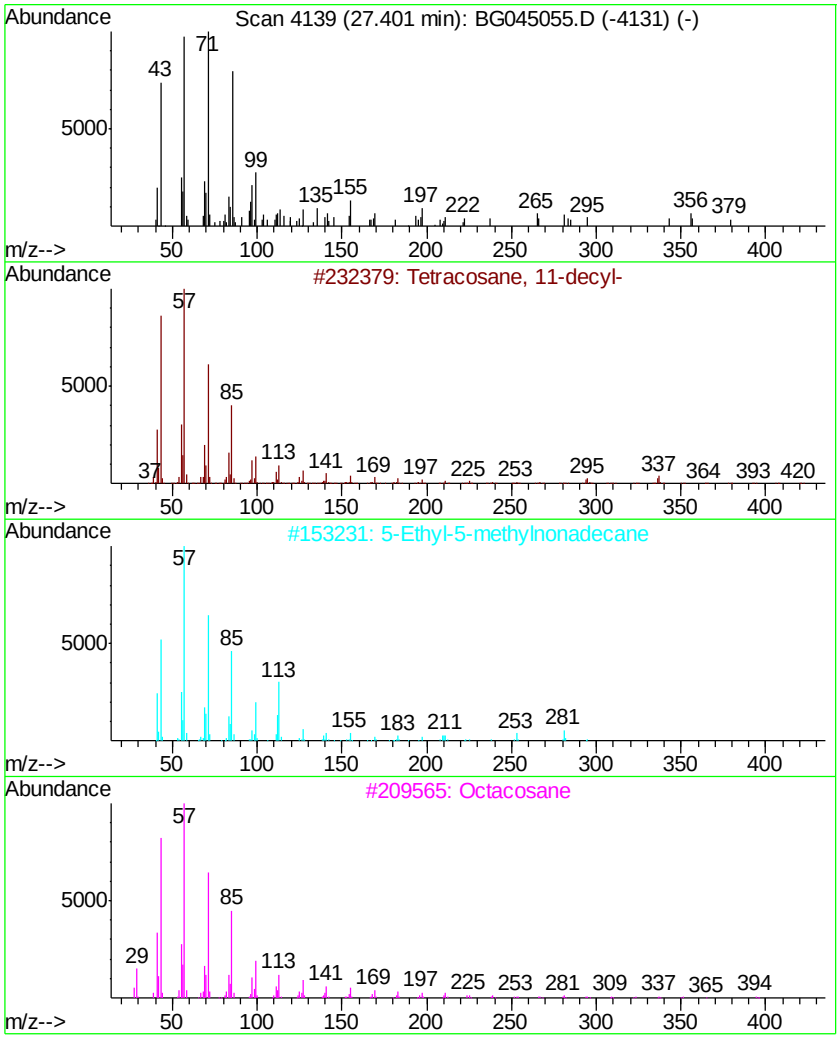
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

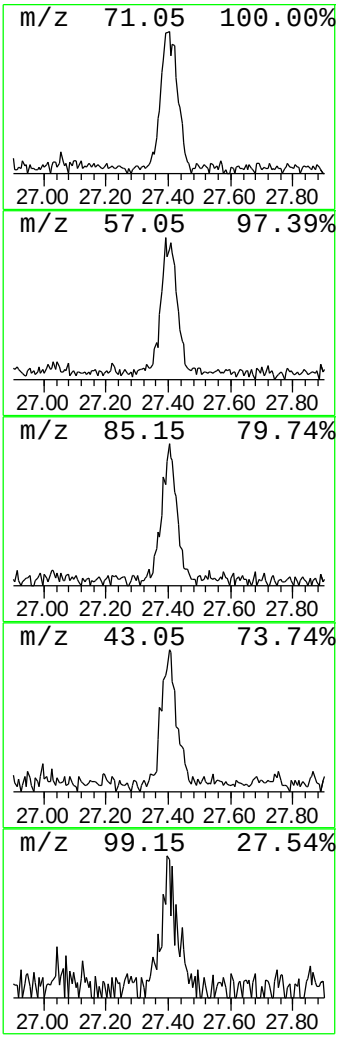
****

Peak Number 9 Tetracosane, 11-decyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.40	2.29 ng	152938	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
2	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Hentriacontane	437	C31H64	000630-04-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041720\
Data File : BG045055.D
Acq On : 18 Apr 2020 7:06
Operator : CG/JU
Sample : L2271-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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...	3.19	11.5	ng	213533	1	8.02	372474	20.0
Dodecane, 2-methyl-	22.48	2.6	ng	173630	5	21.66	1318350	20.0
Heneicosane	23.18	4.2	ng	277250	5	21.66	1318350	20.0
Eicosane	23.98	4.6	ng	308964	6	24.85	1337440	20.0
Heneicosane, 11-(...	24.93	4.5	ng	302000	6	24.85	1337440	20.0
Heneicosane, 11-d...	26.05	4.1	ng	275179	6	24.85	1337440	20.0
Tetracosane, 11-d...	27.40	2.3	ng	152938	6	24.85	1337440	20.0