LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022495.D
Acq On : 03 Sep 2019 10:18
Operator : HP/JU
Sample : PB122730BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BM082919.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	5.128	359	364	375	rBV	318373	469862	34.45%	7.583%
2	6.705	626	632	651	rBV	279425	483103	35.42%	7.796%
3	7.040	683	689	702	rBV	357146	558947	40.98%	9.020%
4	7.504	763	768	775	rBB	75673	111590	8.18%	1.801%
5	7.810	815	820	831	rBB	282925	450410	33.02%	7.269%
6	8.681	962	968	986	rBV	144596	297297	21.79%	4.798%
7	10.287	1235	1241	1259	rBV	53621	118473	8.69%	1.912%
8	12.769	1657	1663	1682	rBV	418767	719552	52.75%	11.612%
9	14.175	1897	1902	1915	rBB	91140	154511	11.33%	2.494%
10	15.686	2153	2159	2178	rBB	367472	649499	47.61%	10.482%
11	16.945	2368	2373	2388	rBV2	86787	174924	12.82%	2.823%
12	19.580	2816	2821	2833	rBV	1059373	1364082	100.00%	22.014%
13	21.162	3086	3090	3099	rBV	132412	211198	15.48%	3.408%
14	21.704	3179	3182	3186	rBV	19517	24061	1.76%	0.388%
15	22.151	3254	3258	3261	rVB	37625	46353	3.40%	0.748%
16	22.627	3336	3339	3345	rVB	48924	62950	4.61%	1.016%
17	23.162	3426	3430	3437	rVB	49326	77073	5.65%	1.244%
18	23.350	3457	3462	3471	rBV	76993	163048	11.95%	2.631%
19	23.768	3529	3533	3539	rVB2	38922	59610	4.37%	0.962%

Sum of corrected areas: 6196543

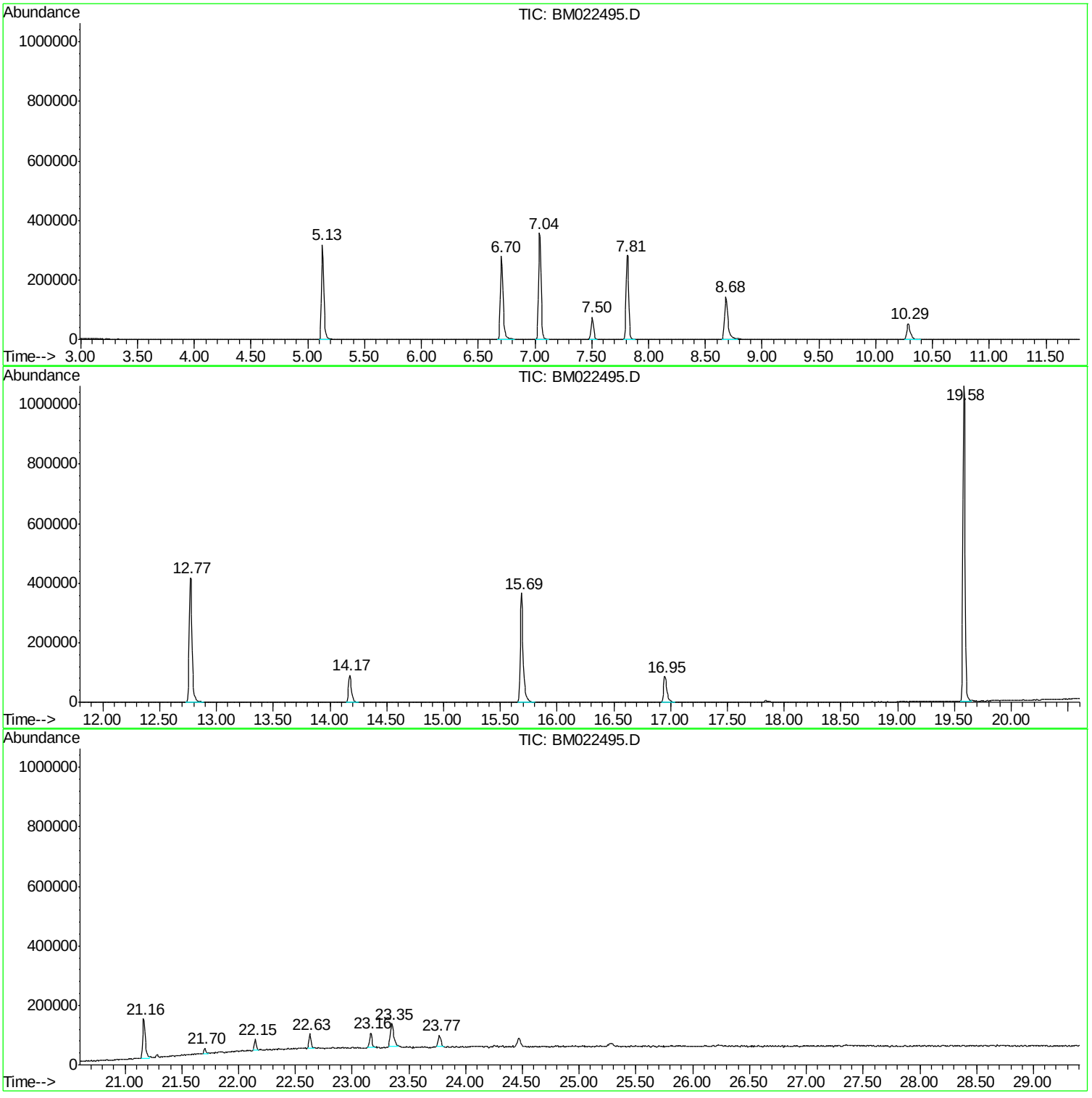
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022495.D
Acq On : 03 Sep 2019 10:18
Operator : HP/JU
Sample : PB122730BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.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_M\DATA\BM090319\
Data File : BM022495.D
Acq On : 03 Sep 2019 10:18
Operator : HP/JU
Sample : PB122730BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****

Peak Number 1 3H-1,2-Dithiol-3-one, 5-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	100.18 ng	558947	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10

****

Peak Number 2 1,4-Dichlorobenzene-D4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	80.73 ng	450410	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	97
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	96
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	25
4	Ethanone, 1-(2-nitrophenyl)-	165	C8H7NO3	000577-59-3	12
5	Pyrazine, 2,3-diethyl-5-methyl-	150	C9H14N2	018138-04-0	10

****

Peak Number 3 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.28 ng	24061	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	10-Methylnonadecane	282	C20H42	056862-62-5	80
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Nonadecane	268	C19H40	000629-92-5	72

****

Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090319\
Data File : BM022495.D
Acq On : 03 Sep 2019 10:18
Operator : HP/JU
Sample : PB122730BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	4.39 ng	46353	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Hexatriacontane	507	C36H74	000630-06-8	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Tetratetracontane	619	C44H90	007098-22-8	80

****

Peak Number 5 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	7.72 ng	62950	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Tetratetracontane	619	C44H90	007098-22-8	83

****

Peak Number 6 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	9.45 ng	77073	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83

****

Peak Number 7 10-Methylnonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	7.31 ng	59610	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090319\
Data File : BM022495.D
Acq On : 03 Sep 2019 10:18
Operator : HP/JU
Sample : PB122730BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	83
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Tritetracontane	605	C43H88	007098-21-7	74

Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090319\
Data File : BM022495.D
Acq On : 03 Sep 2019 10:18
Operator : HP/JU
Sample : PB122730BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.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
3H-1,2-Dithiol-3-...	7.04	100.2	ng	558947	1	7.50	111590	20.0
1,4-Dichlorobenze...	7.81	80.7	ng	450410	1	7.50	111590	20.0
Heptacosane	21.70	2.3	ng	24061	5	21.16	211198	20.0
Heneicosane	22.15	4.4	ng	46353	5	21.16	211198	20.0
Heptacosane	22.63	7.7	ng	62950	6	23.35	163048	20.0
Nonadecane	23.16	9.5	ng	77073	6	23.35	163048	20.0
10-Methylnonadecane	23.77	7.3	ng	59610	6	23.35	163048	20.0