LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

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-BG073020.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	3.153	7	11	23	rVB	299925	430251	10.06%	1.911%
2	5.532	409	416	433	rBV	1056530	1728569	40.43%	7.678%
3	7.119	678	686	701	rBV	1084355	1858714	43.47%	8.256%
4	7.953	820	828	835	rBV	339378	578382	13.53%	2.569%
5	9.105	1015	1024	1032	rBV	707884	1275625	29.83%	5.666%
6	10.750	1293	1304	1311	rBV	484789	878549	20.55%	3.902%
7	13.200	1714	1721	1728	rBV	2035142	3209727	75.07%	14.256%
8	14.022	1856	1861	1866	rBV	87838	159290	3.73%	0.707%
9	14.116	1873	1877	1887	rBV2	150139	272704	6.38%	1.211%
10	14.234	1894	1897	1902	rBV2	97624	147776	3.46%	0.656%
11	14.575	1948	1955	1961	rBV	791547	1502137	35.13%	6.672%
12	16.067	2205	2209	2214	rBV	1401544	2014459	47.12%	8.947%
13	19.939	2864	2868	2874	rVB	3171490	4275603	100.00%	18.990%
14	21.237	3086	3089	3098	rVB2	620465	897360	20.99%	3.986%
15	21.572	3143	3146	3151	rVB2	823951	1174660	27.47%	5.217%
16	23.823	3526	3529	3534	rVV	170004	287243	6.72%	1.276%
17	23.876	3535	3538	3549	rVB2	288629	568968	13.31%	2.527%
18	24.680	3668	3675	3683	rVB2	491428	1254660	29.34%	5.573%

Sum of corrected areas: 22514677

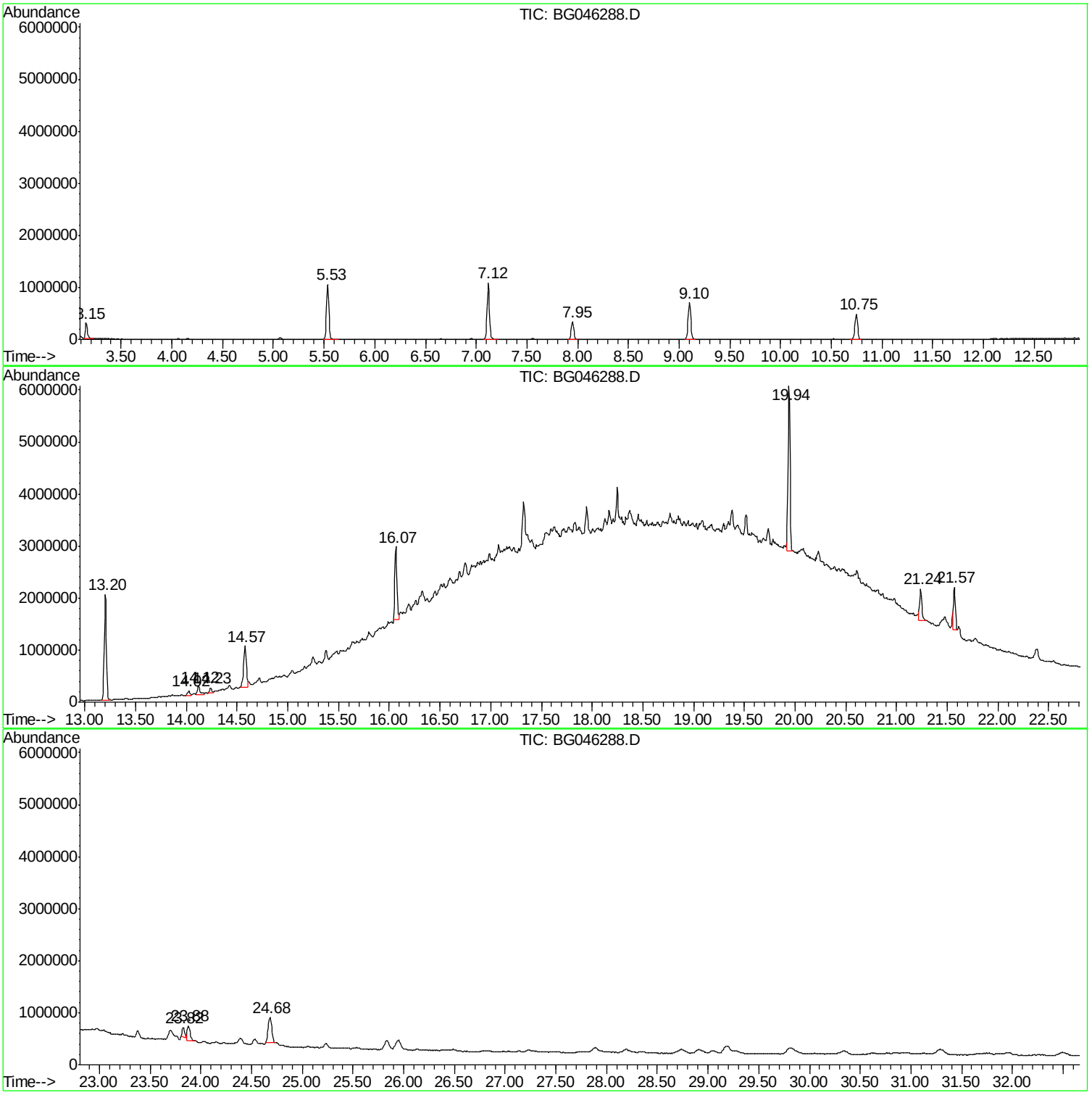
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

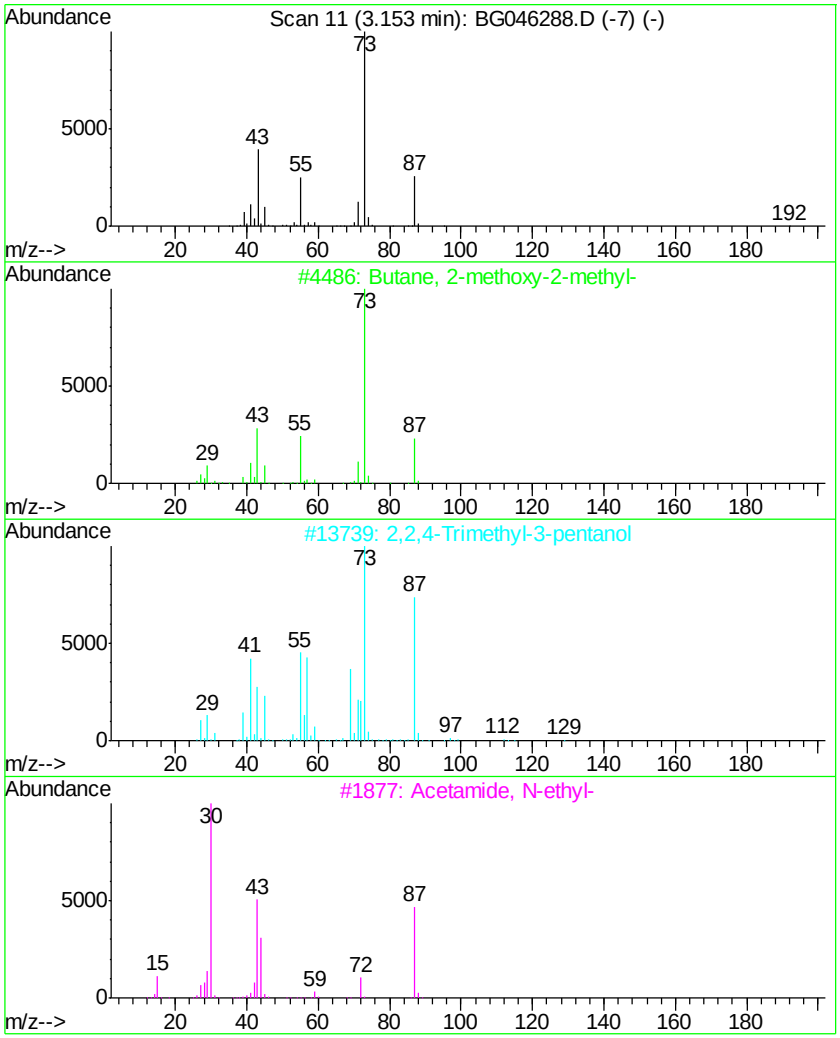
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

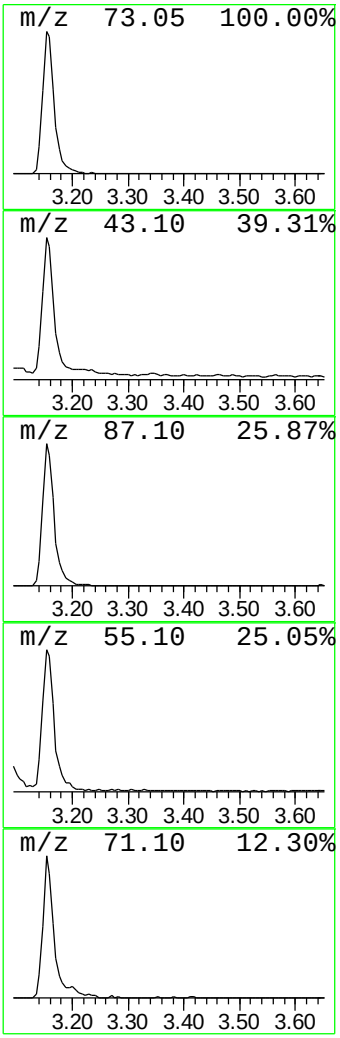
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	14.88 ng	430251	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

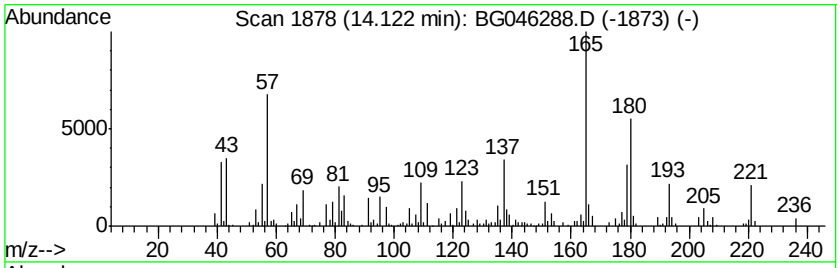
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

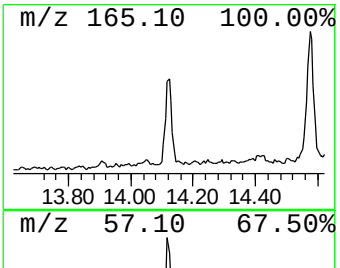
****

Peak Number 2 4a,9a-Methano-9H-fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.63 ng	272704	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	60
2	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	53
3	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	49
4	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	49
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

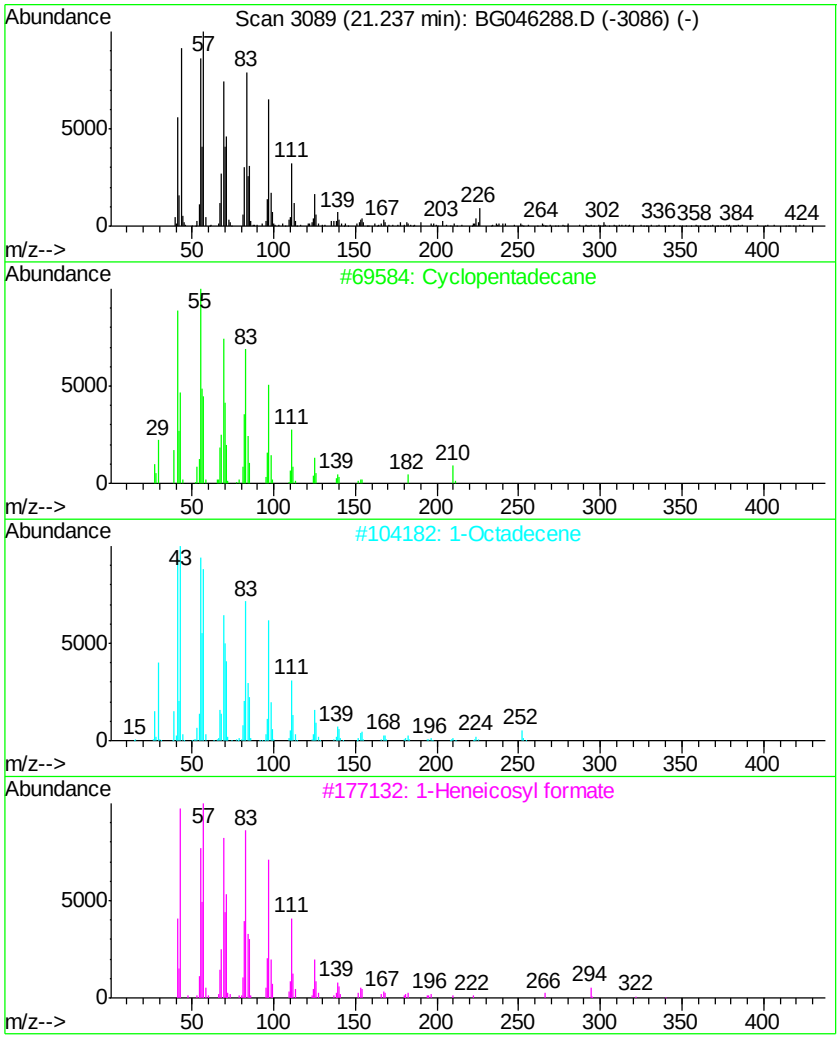
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

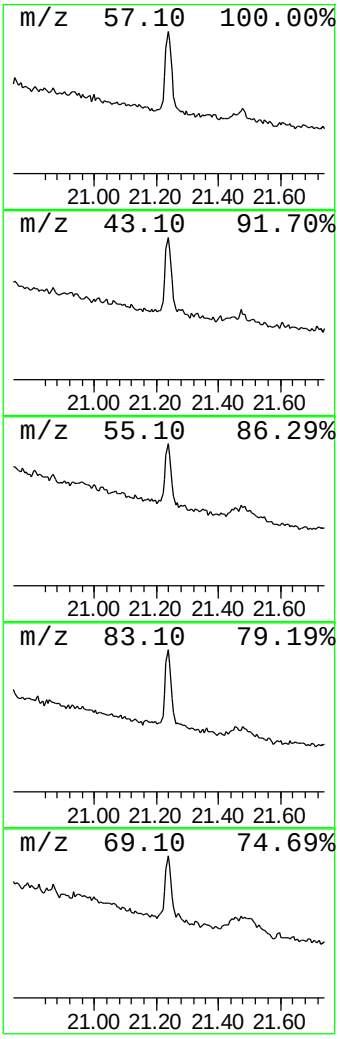
****

Peak Number 3 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	15.28 ng	897360	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Octadecene	252	C18H36	000112-88-9	97
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
5	Cyclohexadecane	224	C16H32	000295-65-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

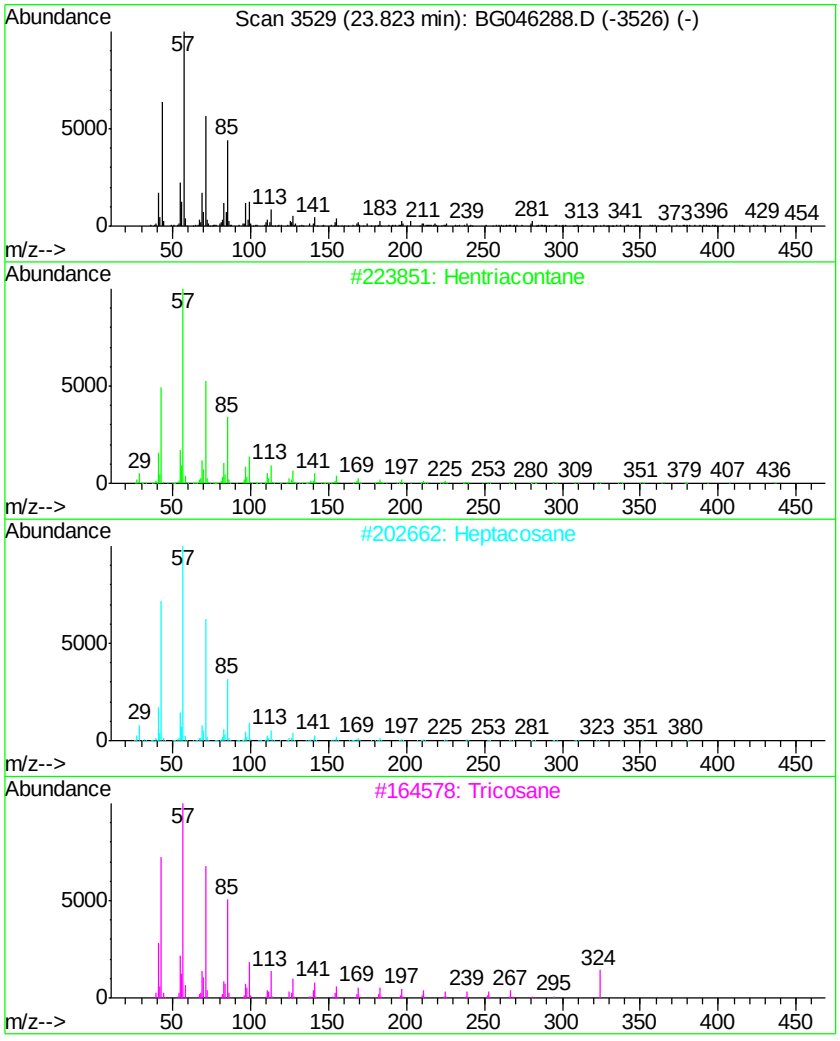
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

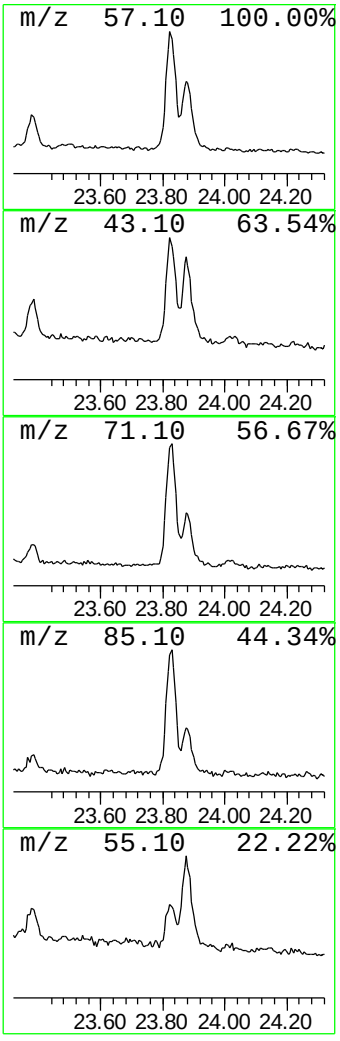
****

Peak Number 4 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.58 ng	287243	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	95
2	Heptacosane	380	C27H56	000593-49-7	95
3	Tricosane	324	C23H48	000638-67-5	94
4	Hexacosane	366	C26H54	000630-01-3	93
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

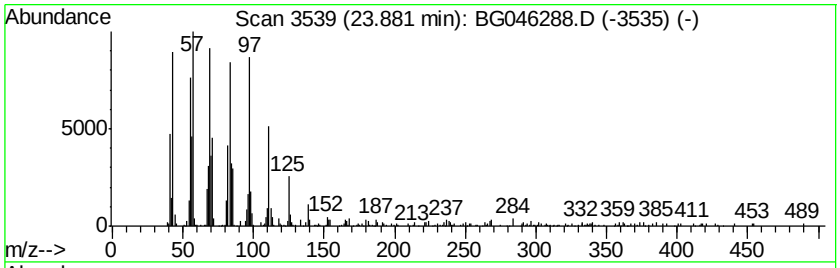
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

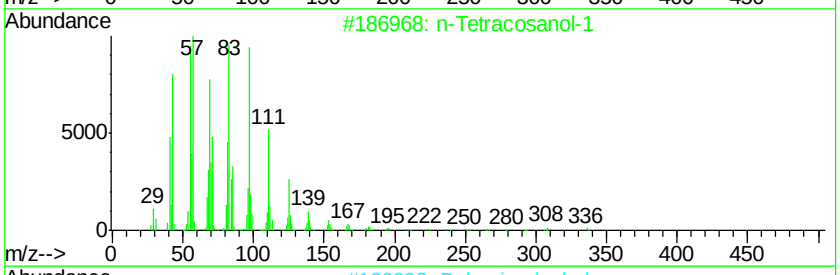
****

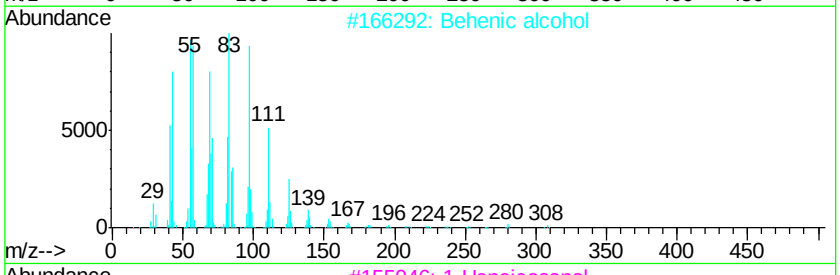
Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

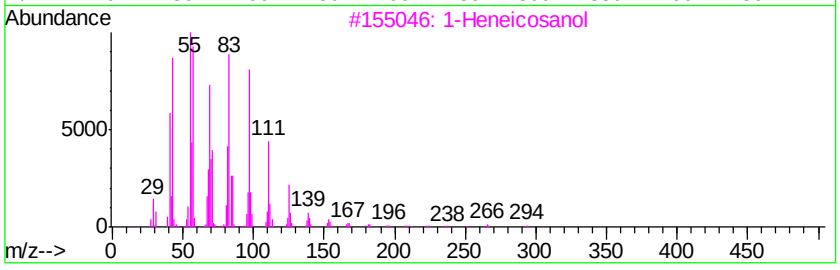
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	9.07 ng	568968	Perylene-d12	24.68

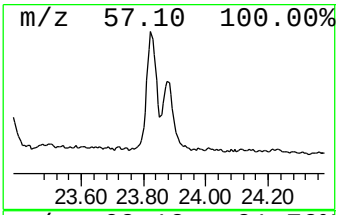
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87

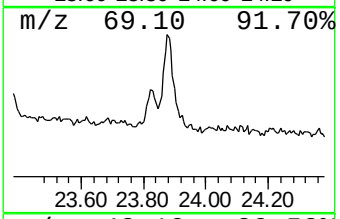


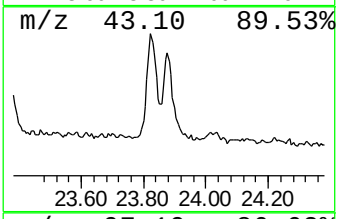


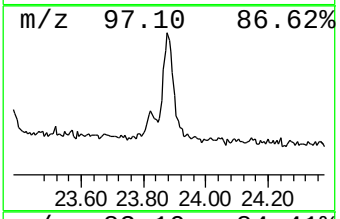


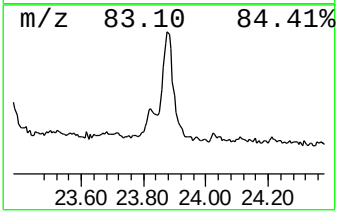












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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...	3.15	14.9	ng	430251	1	7.95	578382	20.0
4a,9a-Methano-9H-...	14.12	3.6	ng	272704	3	14.57	1502140	20.0
Cyclopentadecane	21.24	15.3	ng	897360	5	21.57	1174660	20.0
Hentriacontane	23.82	4.6	ng	287243	6	24.68	1254660	20.0
n-Tetracosanol-1	23.88	9.1	ng	568968	6	24.68	1254660	20.0