LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024631.D
Acq On : 27 Jan 2020 17:04
Operator : CG/JU
Sample : L1264-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

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-BM012320.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	5.081	367	373	380	rBV	1992160	2708650	14.20%	3.551%
2	6.634	627	637	645	rBV	1106955	1777586	9.32%	2.331%
3	7.440	768	774	782	rBV	832339	1285803	6.74%	1.686%
4	7.757	820	828	835	rBV	3846079	5950634	31.19%	7.802%
5	8.581	956	968	980	rBV	2663999	4383491	22.98%	5.747%
6	10.198	1237	1243	1251	rBV	1025233	1652075	8.66%	2.166%
7	11.569	1466	1476	1485	rBV	208914	369330	1.94%	0.484%
8	12.704	1662	1669	1682	rVB	7901210	11611960	60.87%	15.225%
9	13.557	1809	1814	1819	rBV	300547	424549	2.23%	0.557%
10	14.092	1898	1905	1910	rBV	1687472	2541123	13.32%	3.332%
11	15.592	2153	2160	2166	rBV	7390239	10612042	55.63%	13.914%
12	16.839	2367	2372	2384	rVB	2564116	3495131	18.32%	4.583%
13	17.792	2529	2534	2539	rBV	956872	1233920	6.47%	1.618%
14	19.080	2750	2753	2763	rVB	461361	594196	3.11%	0.779%
15	19.504	2819	2825	2833	rBV	15170052	19075954	100.00%	25.011%
16	20.809	3043	3047	3053	rBV	668834	887991	4.66%	1.164%
17	21.051	3083	3088	3093	rBV	2685052	3336269	17.49%	4.374%
18	21.674	3192	3194	3202	rVB3	229092	261394	1.37%	0.343%
19	22.115	3266	3269	3276	rVB	254729	299219	1.57%	0.392%
20	22.592	3347	3350	3356	rVB	253754	332234	1.74%	0.436%
21	23.121	3437	3440	3442	rBV	186495	268805	1.41%	0.352%
22	23.162	3442	3447	3456	rVB	1811187	3166612	16.60%	4.152%

Sum of corrected areas: 76268968

LSC Report - Integrated Chromatogram

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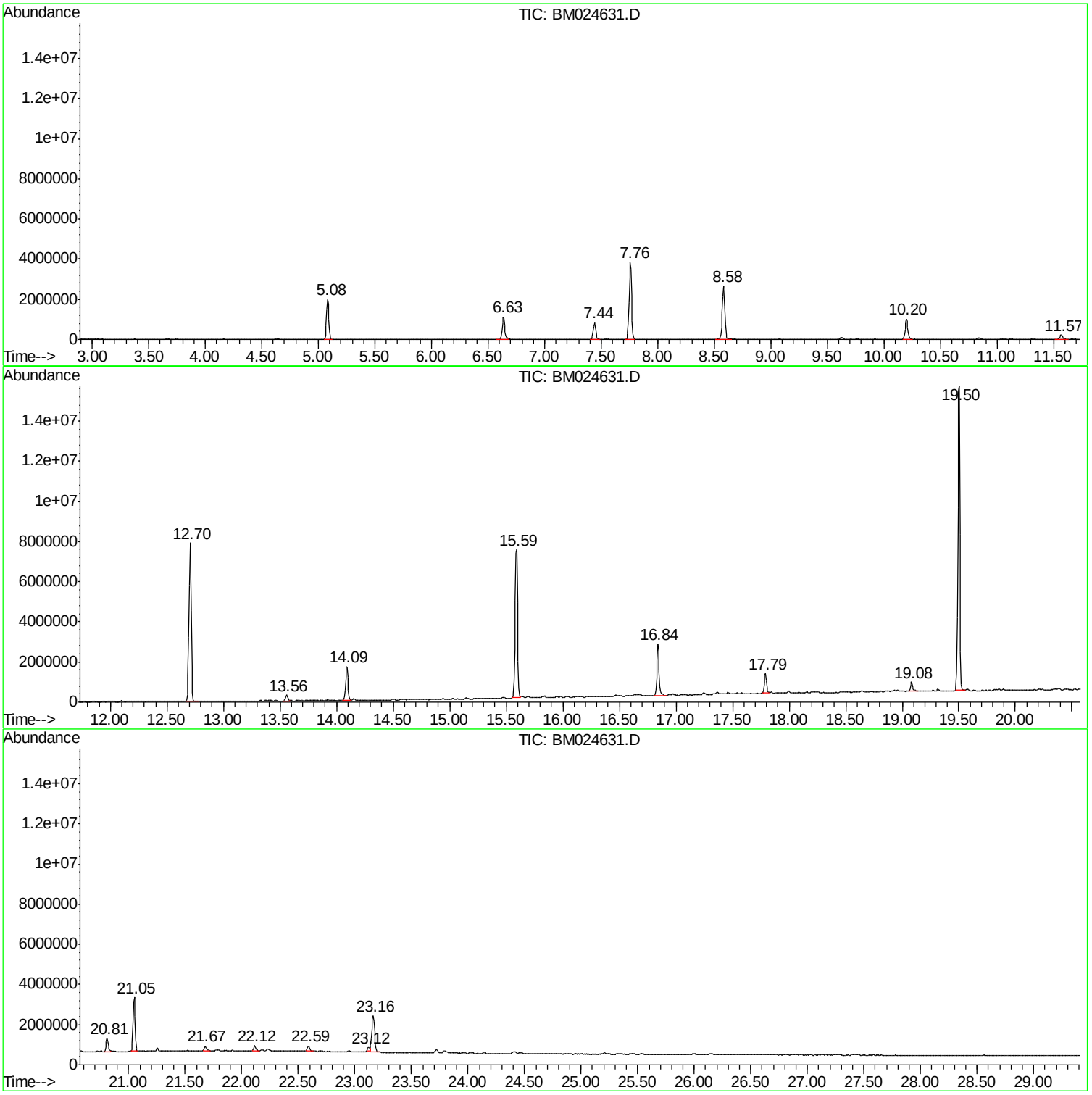
Sample : L1264-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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 M\DATA\BM012720\
Data File : BM024631.D
Acq On : 27 Jan 2020 17:04
Operator : CG/JU
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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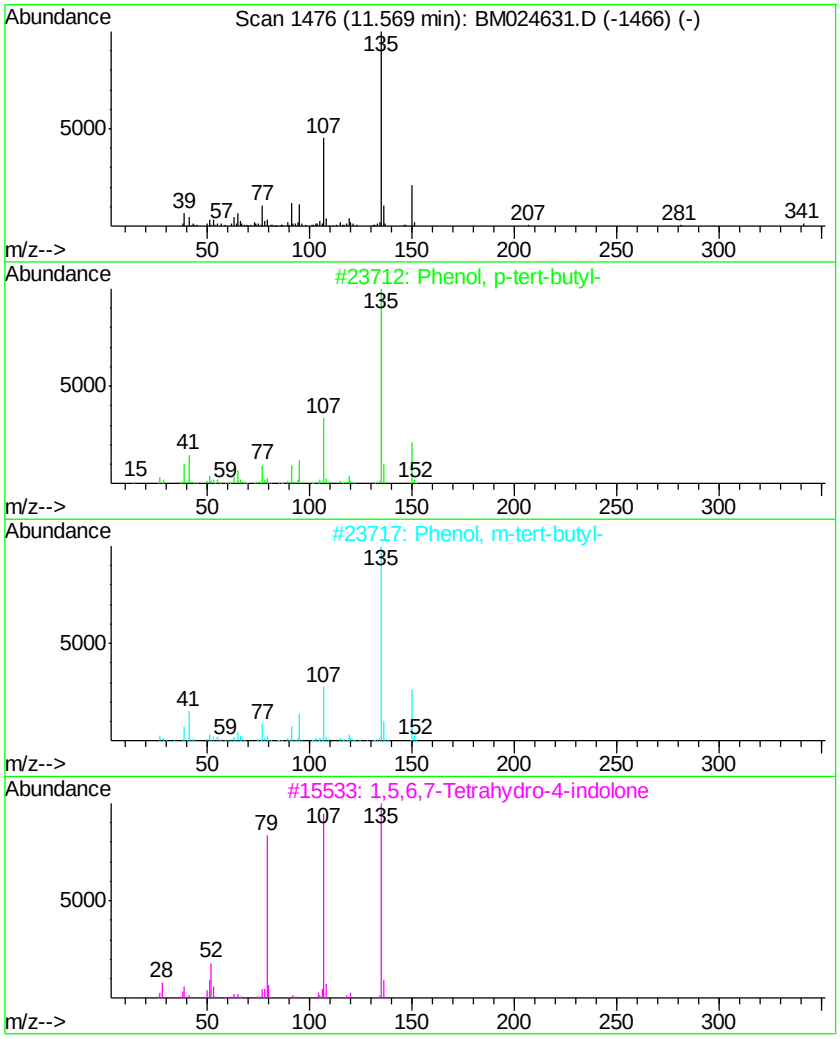
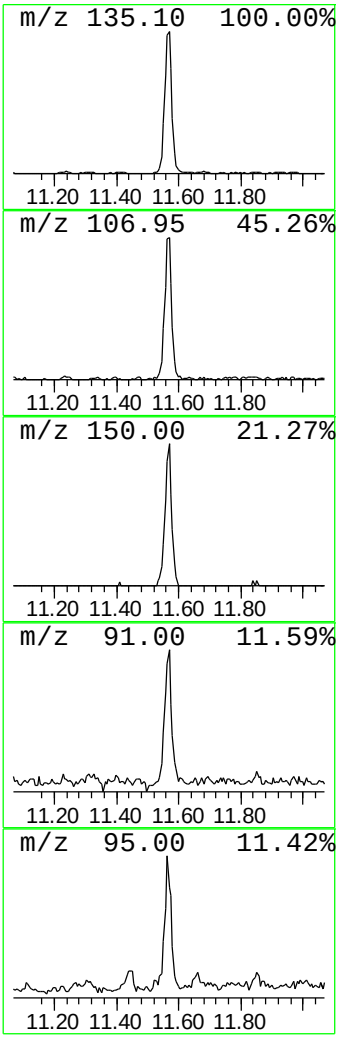
Peak Number 2 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.47 ng	369330	Naphthalene-d8	10.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	53
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	52





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Sample : L1264-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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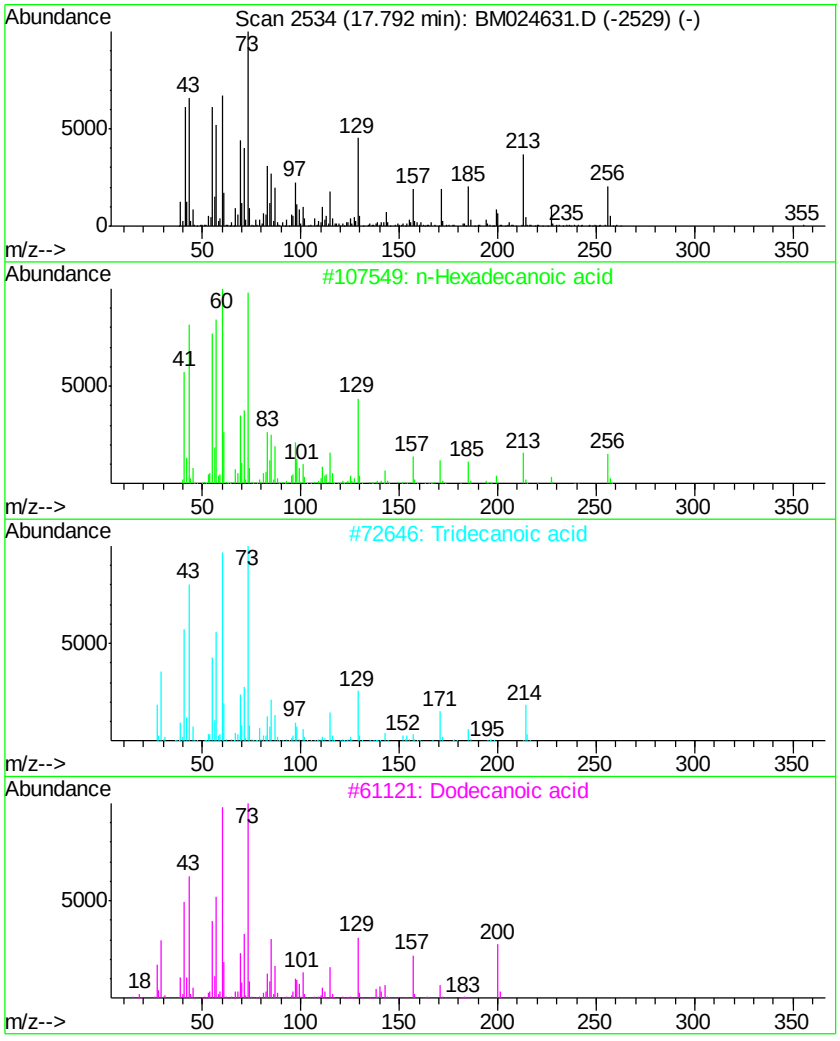
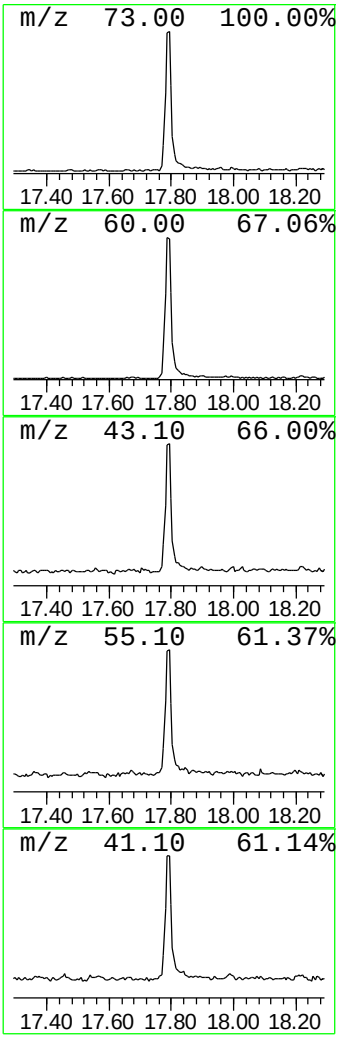
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	7.06 ng	1233920	Phenanthrene-d10	16.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
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Acq On : 27 Jan 2020 17:04
Operator : CG/JU
Sample : L1264-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
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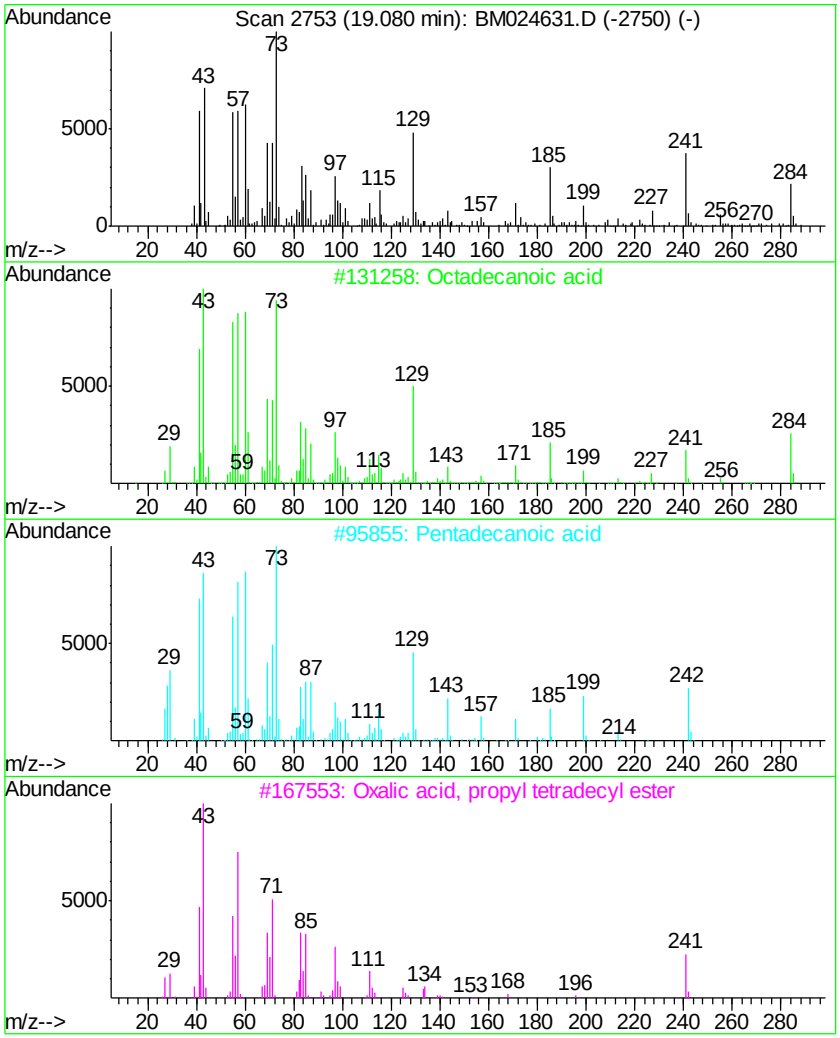
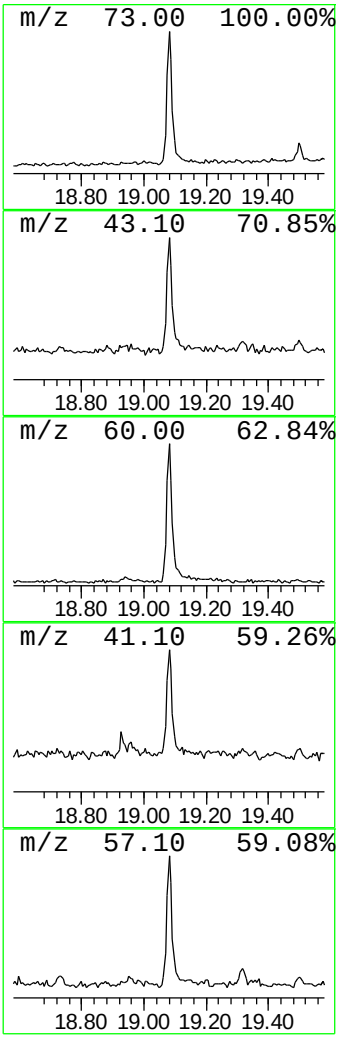
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	3.56 ng	594196	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
3	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30
4	Undecanoic acid	186	C11H22O2	000112-37-8	30
5	Sulfoxide, hexadecyl methyl	288	C17H36OS	003079-32-1	30





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Data File : BM024631.D
Acq On : 27 Jan 2020 17:04
Operator : CG/JU
Sample : L1264-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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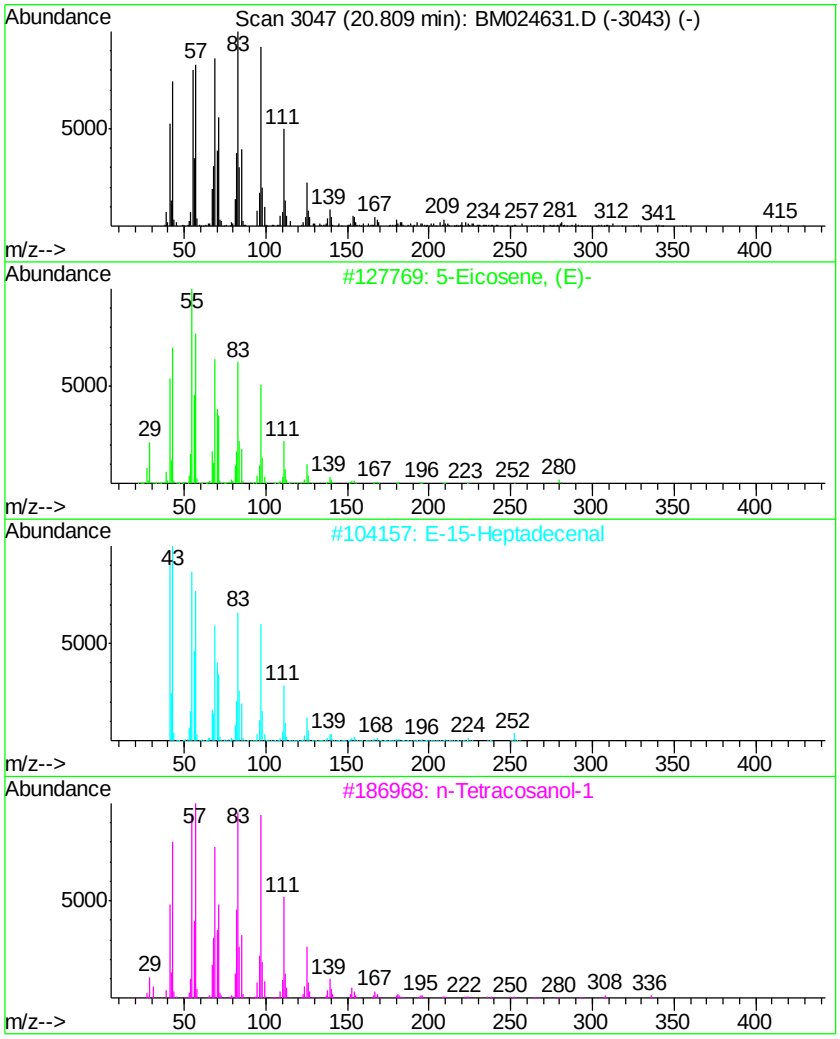
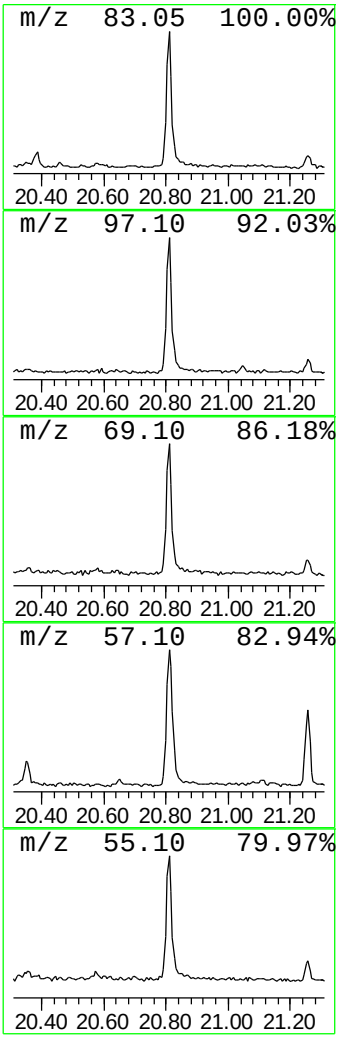
Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	5.32 ng	887991	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





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Sample : L1264-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
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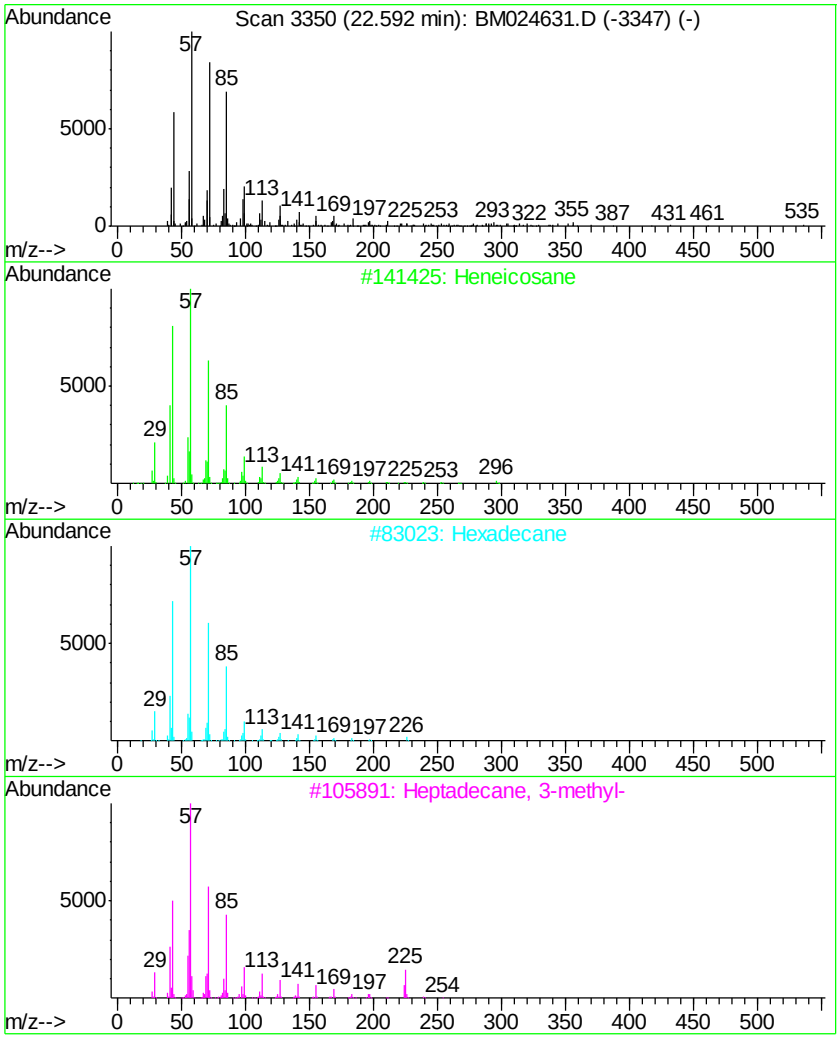
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

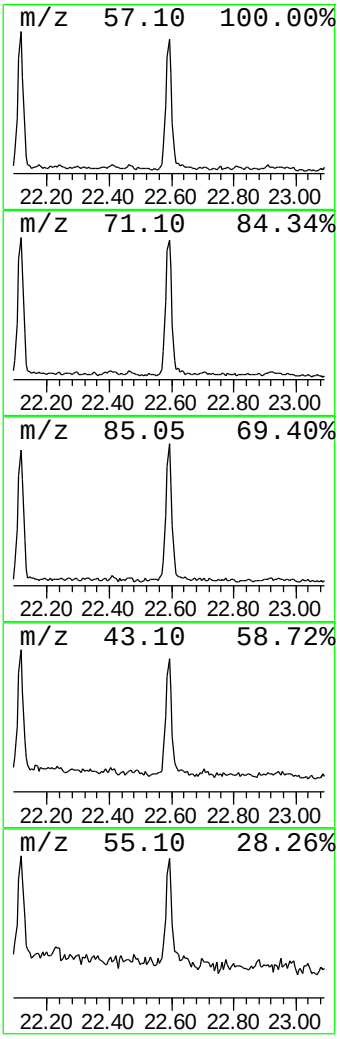
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	2.10 ng	332234	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012720\
Data File : BM024631.D
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Misc :
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Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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
Phenol, p-tert-bu...	11.57	4.5	ng	369330	2	10.20	1652080	20.0
n-Hexadecanoic acid	17.79	7.1	ng	1233920	4	16.84	3495130	20.0
Octadecanoic acid	19.08	3.6	ng	594196	5	21.05	3336270	20.0
5-Eicosene, (E)-	20.81	5.3	ng	887991	5	21.05	3336270	20.0
Heneicosane	22.59	2.1	ng	332234	6	23.16	3166610	20.0