LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

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	383	rBV	2450210	3428296	17.31%	3.870%
2	6.640	631	638	655	rVB	1454012	2332022	11.77%	2.632%
3	7.440	768	774	781	rBV	1021709	1576853	7.96%	1.780%
4	7.757	819	828	835	rBV	4682927	7184784	36.27%	8.109%
5	8.581	956	968	977	rBV	3180998	5333093	26.92%	6.019%
6	9.628	1140	1146	1154	rVB3	116706	200723	1.01%	0.227%
7	10.198	1237	1243	1253	rBV	1330694	2138701	10.80%	2.414%
8	11.569	1467	1476	1486	rVB	302971	516120	2.61%	0.583%
9	12.704	1662	1669	1680	rVB	9785449	14261001	71.99%	16.096%
10	13.557	1809	1814	1820	rBV	428731	599453	3.03%	0.677%
11	14.092	1899	1905	1911	rBV	2070223	3136051	15.83%	3.540%
12	15.592	2153	2160	2166	rBV	8521755	11935910	60.26%	13.472%
13	16.839	2367	2372	2383	rVB	2776119	3886757	19.62%	4.387%
14	17.792	2529	2534	2540	rBV	1233422	1627964	8.22%	1.837%
15	19.080	2749	2753	2761	rBV	656129	862417	4.35%	0.973%
16	19.504	2819	2825	2834	rBV	15569794	19808651	100.00%	22.358%
17	20.809	3043	3047	3055	rBV	759302	1027731	5.19%	1.160%
18	21.051	3083	3088	3097	rBV	2818919	3598168	18.16%	4.061%
19	21.256	3120	3123	3127	rVB	206131	206805	1.04%	0.233%
20	21.674	3191	3194	3201	rBV	311480	401967	2.03%	0.454%
21	22.115	3266	3269	3273	rVB	352146	392237	1.98%	0.443%
22	22.592	3346	3350	3356	rVB	338358	436314	2.20%	0.492%
23	23.121	3436	3440	3442	rBV	262507	416459	2.10%	0.470%
24	23.162	3442	3447	3459	rVB	1906620	3288878	16.60%	3.712%

Sum of corrected areas: 88597355

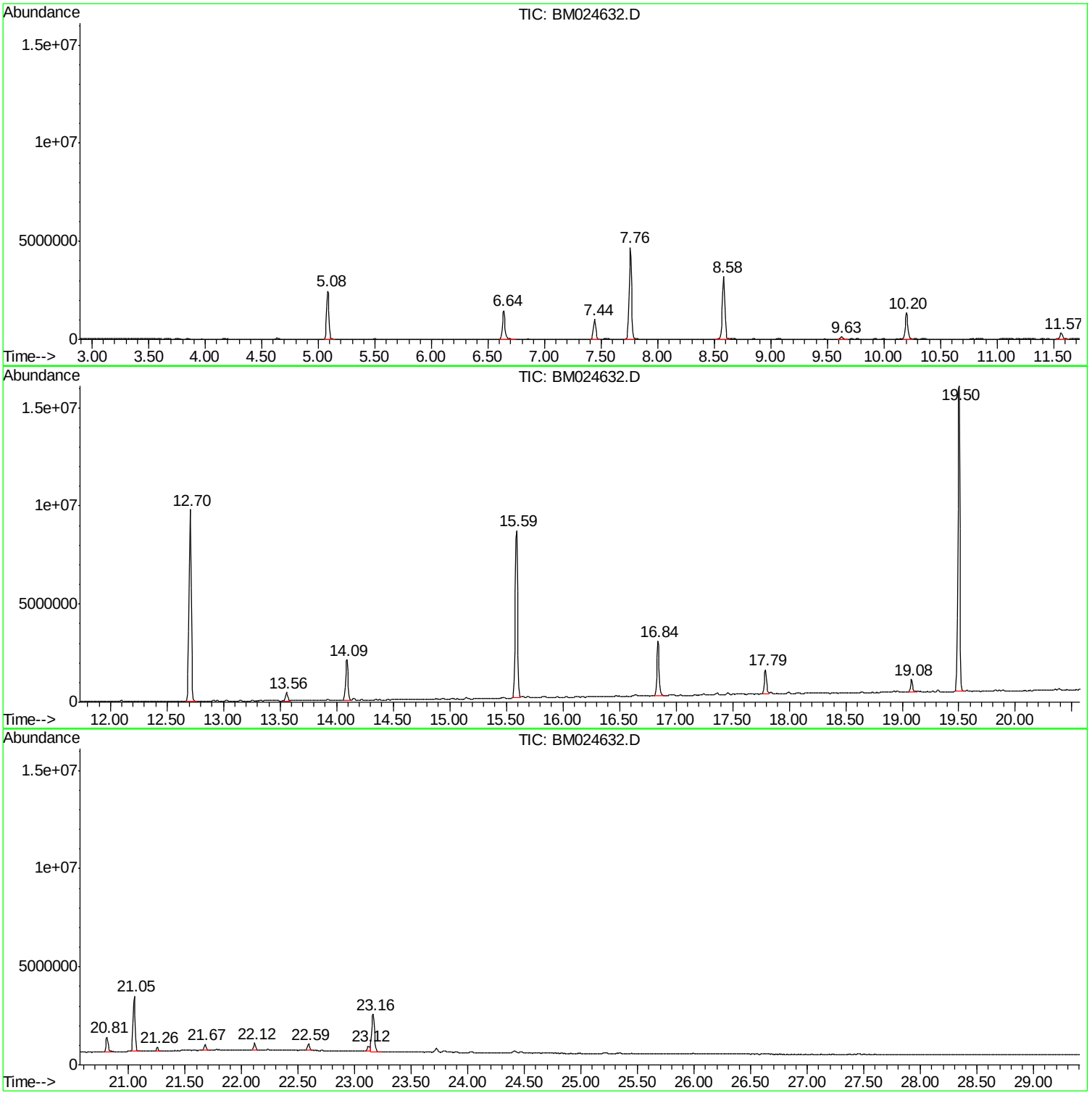
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

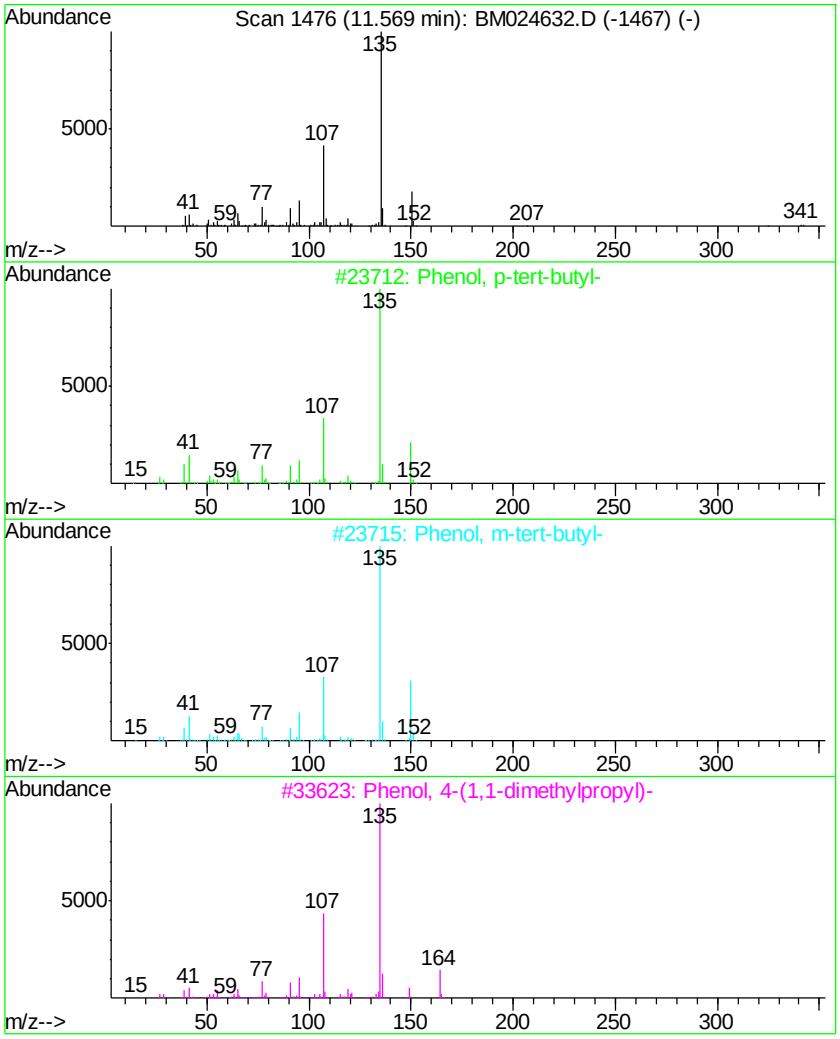
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

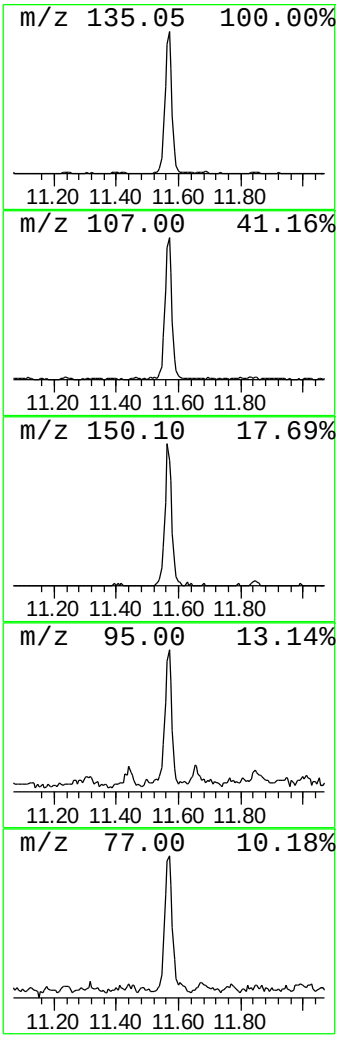
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.83 ng	516120	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	91
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	64
5	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

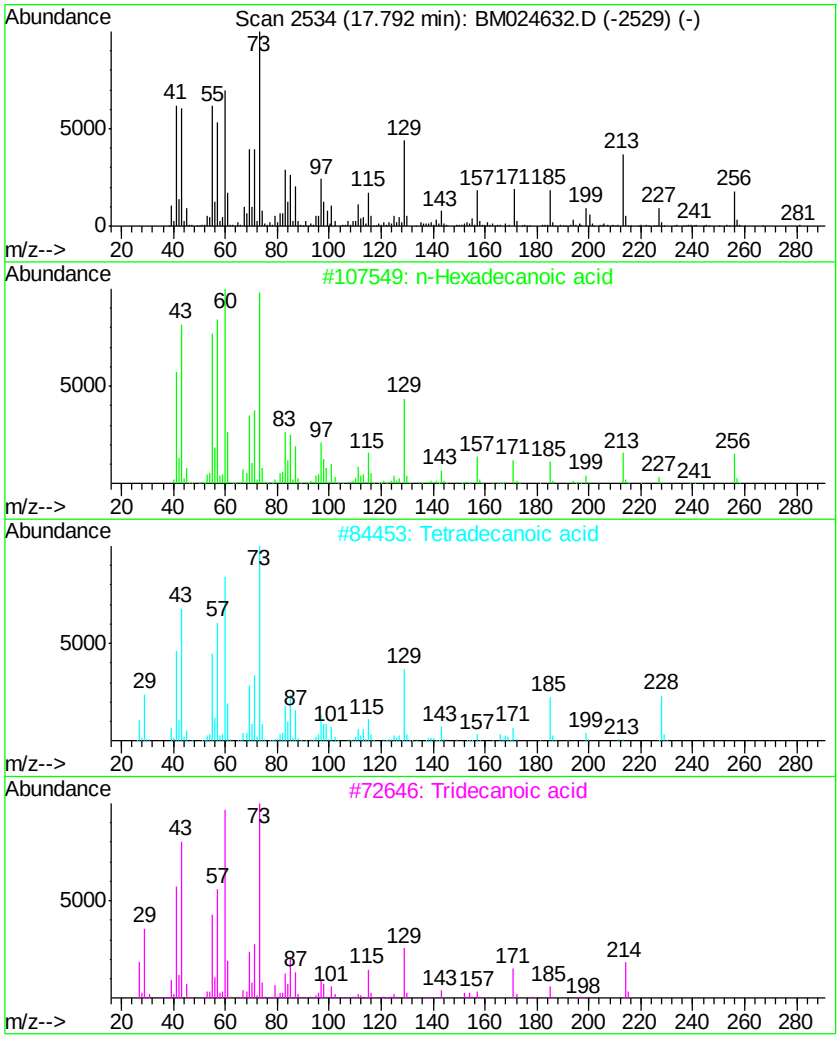
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

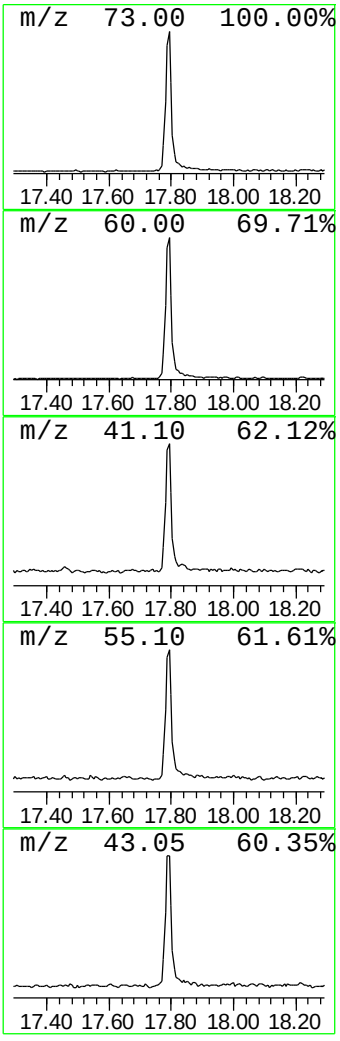
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	8.38 ng	1627960	Phenanthrene-d10	16.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

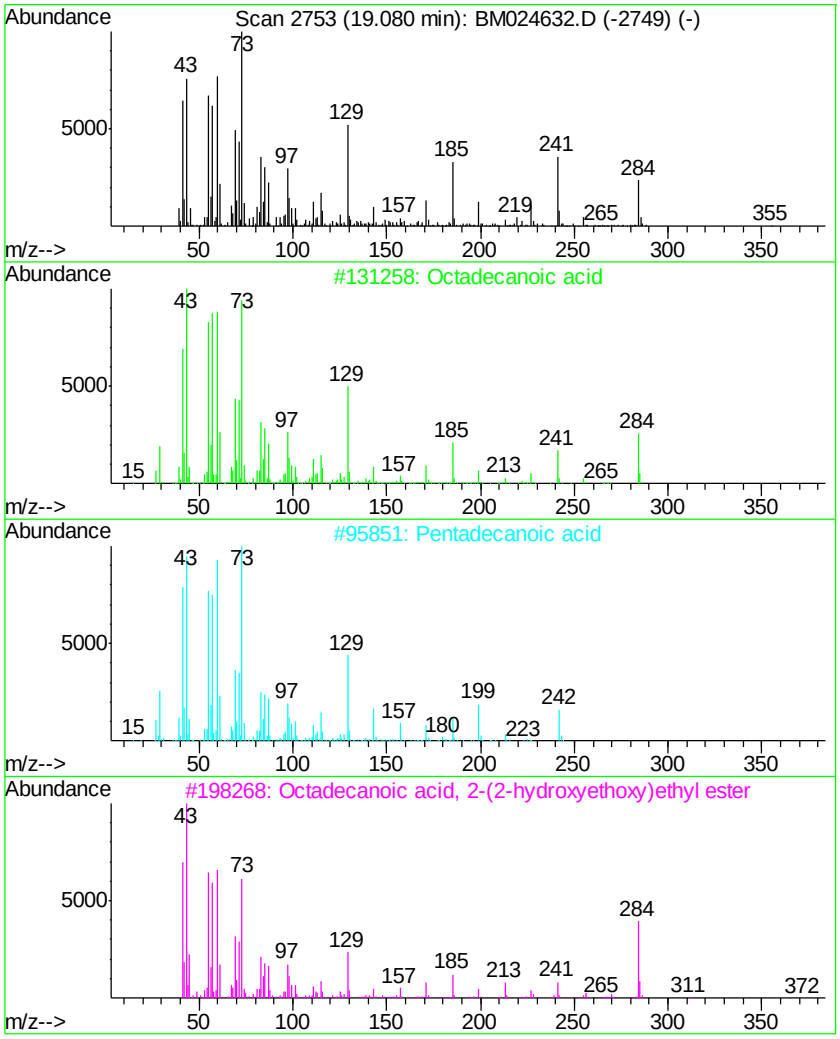
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

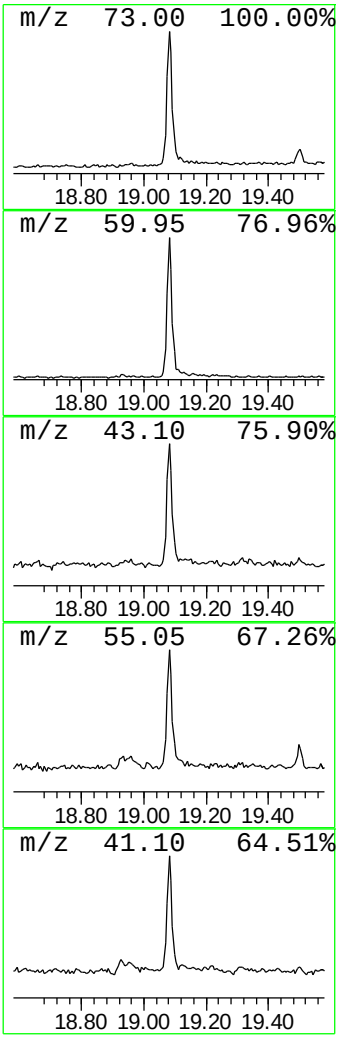
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	4.79 ng	862417	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	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

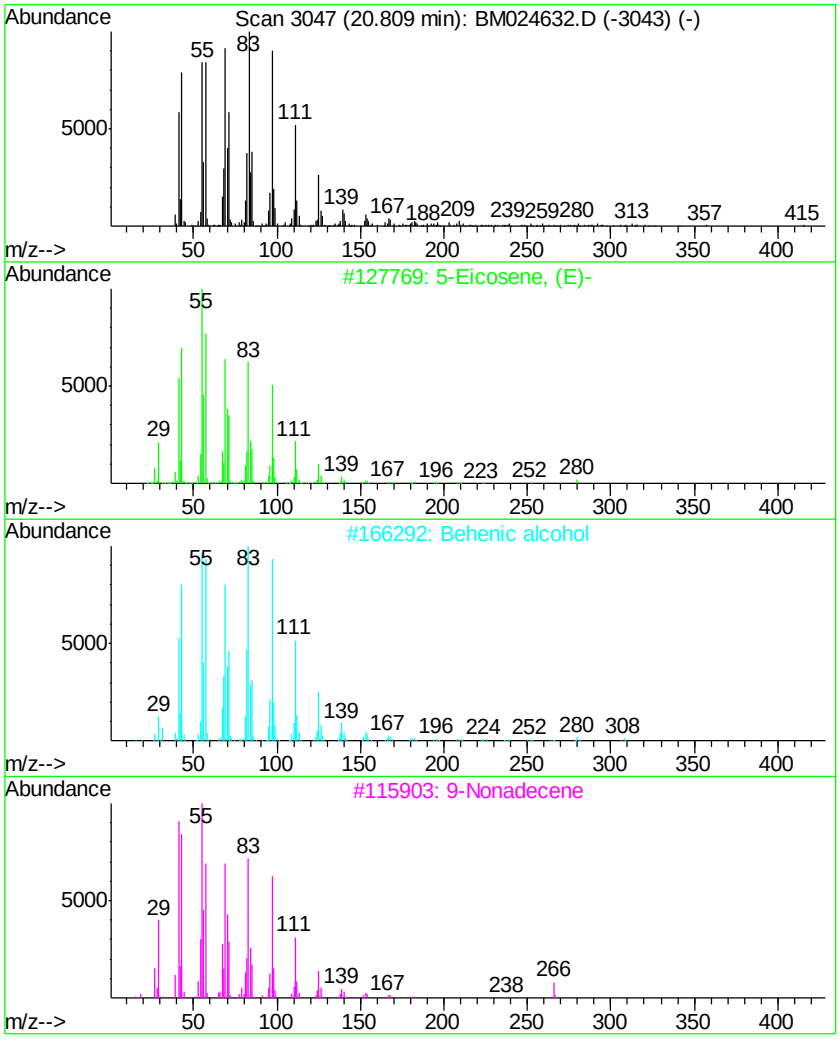
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

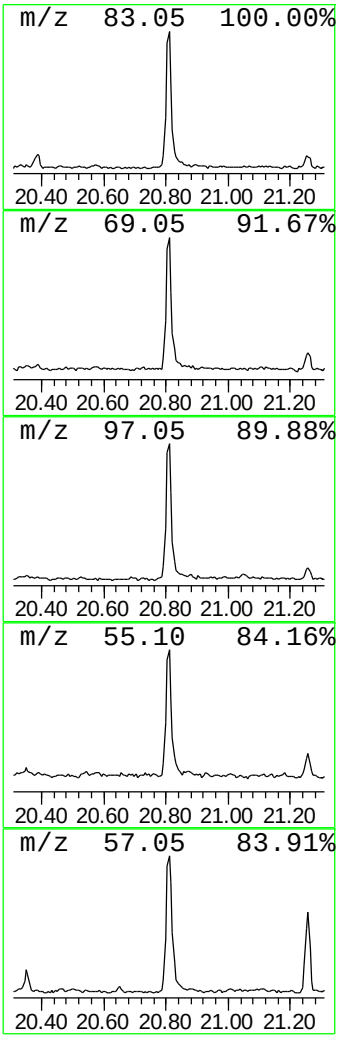
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	5.71 ng	1027730	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	9-Nonadecene	266	C19H38	031035-07-1	93
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

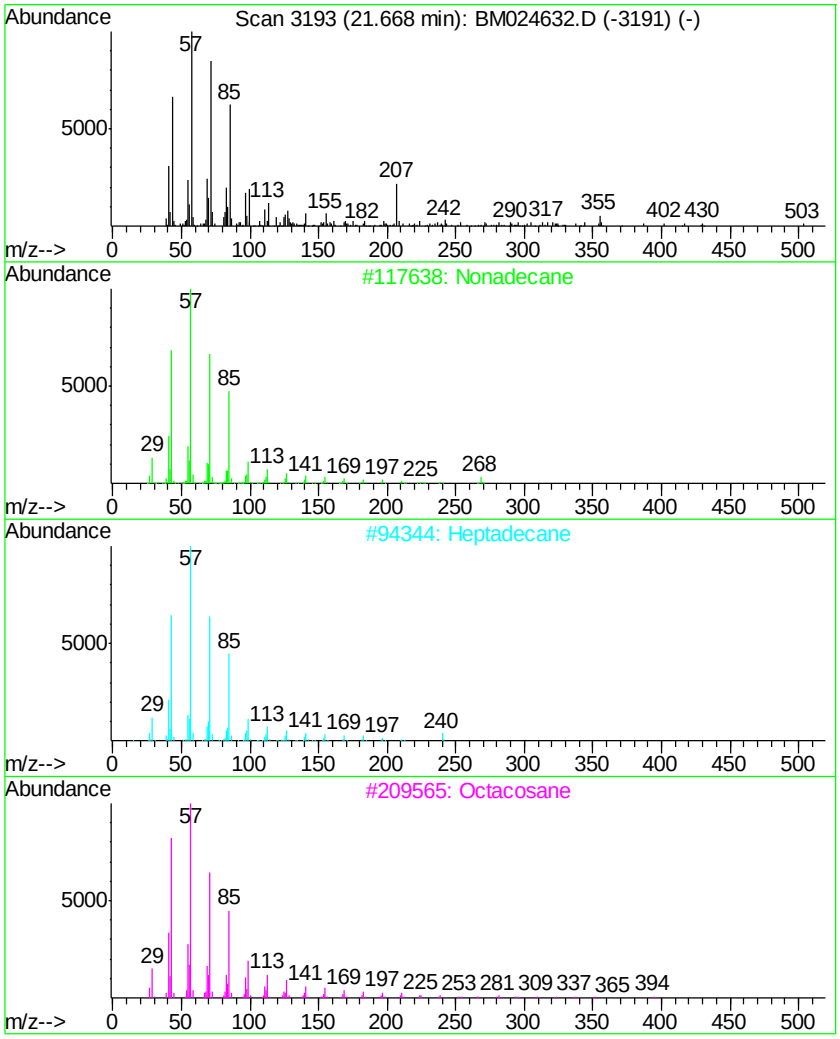
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

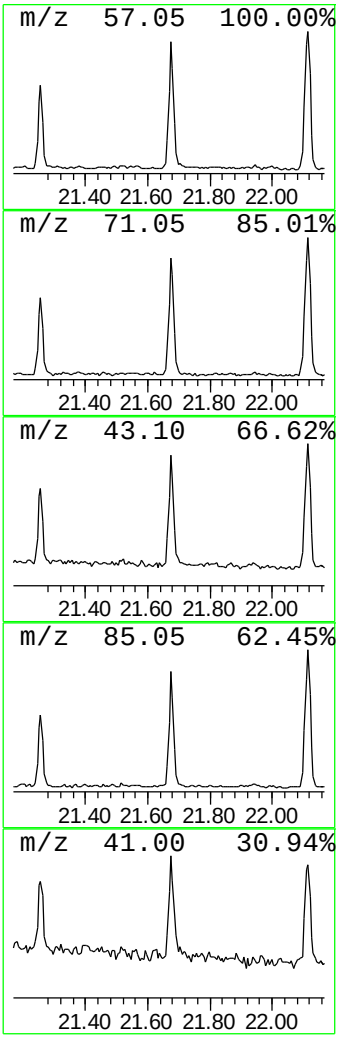
****

Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.23 ng	401967	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

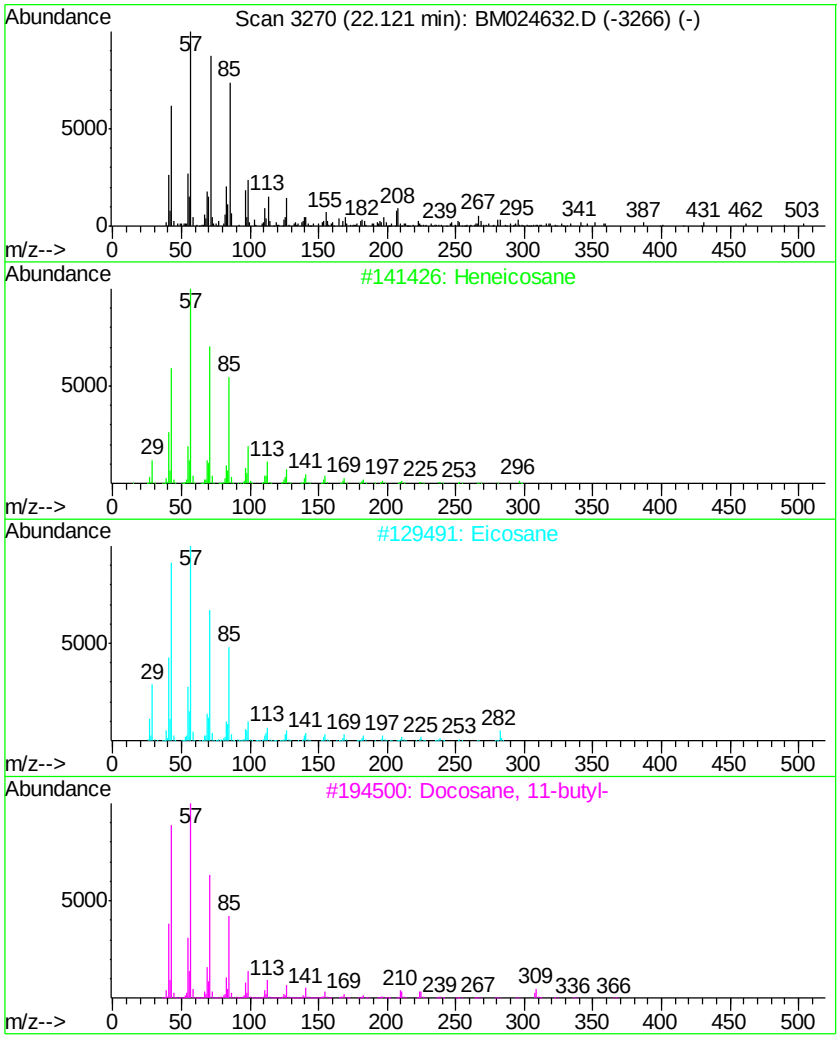
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

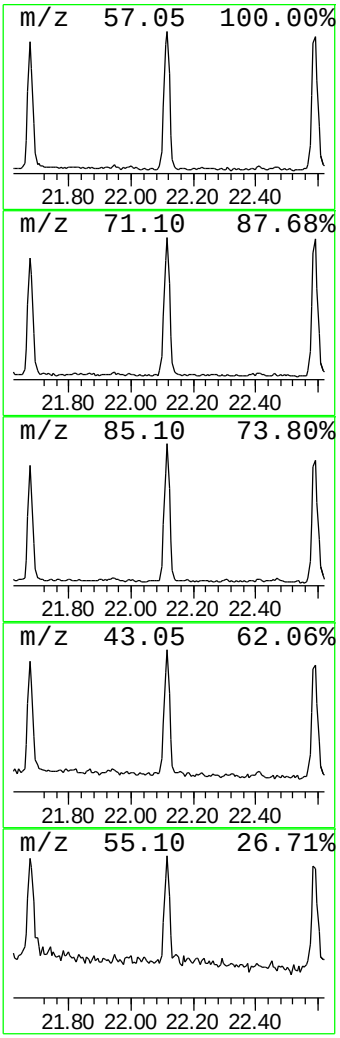
****

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.39 ng	392237	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Hexacosane	366	C26H54	000630-01-3	76
5	Octadecane	254	C18H38	000593-45-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

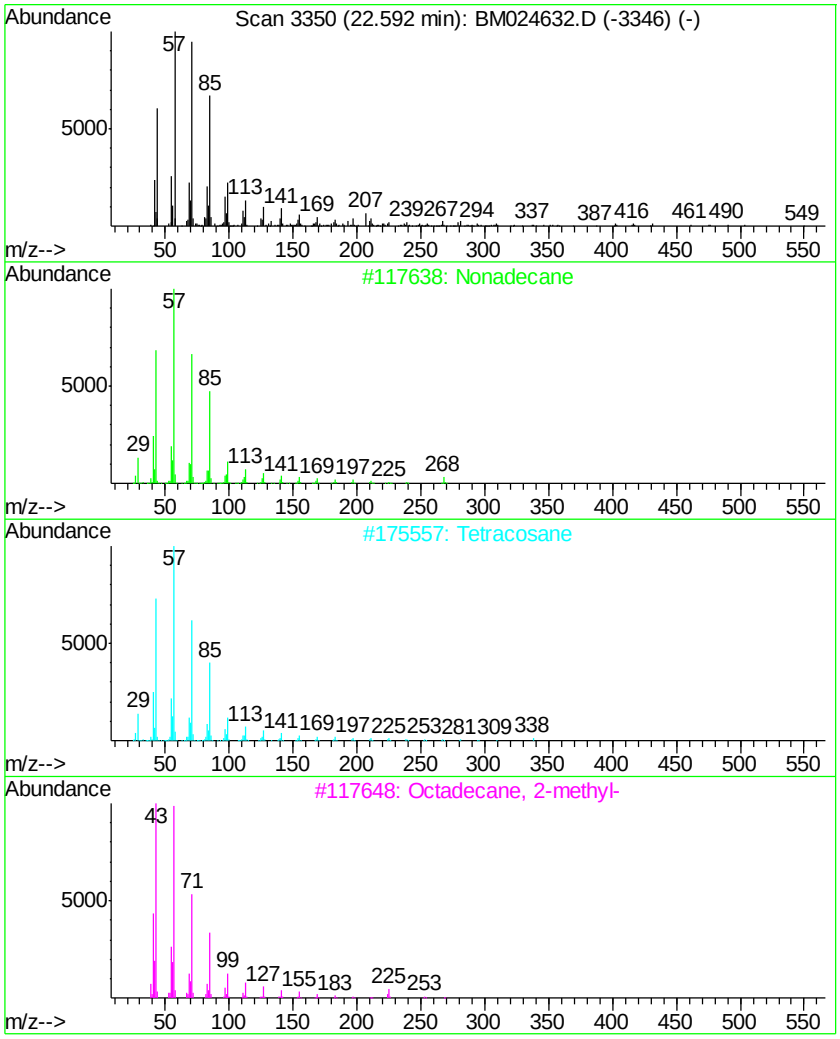
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

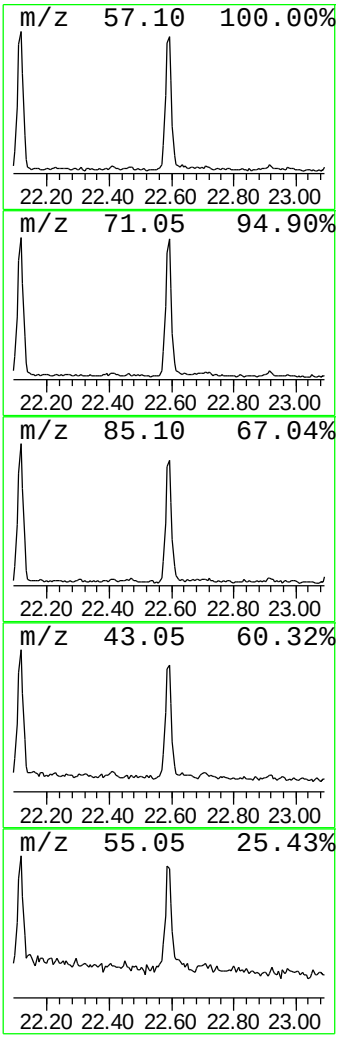
****

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	2.65 ng	436314	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012720\
Data File : BM024632.D
Acq On : 27 Jan 2020 17:40
Operator : CG/JU
Sample : L1265-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-L-01

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	4.8	ng	516120	2	10.20	2138700	20.0
n-Hexadecanoic acid	17.79	8.4	ng	1627960	4	16.84	3886760	20.0
Octadecanoic acid	19.08	4.8	ng	862417	5	21.05	3598170	20.0
5-Eicosene, (E)-	20.81	5.7	ng	1027730	5	21.05	3598170	20.0
Nonadecane	21.67	2.2	ng	401967	5	21.05	3598170	20.0
Heneicosane	22.12	2.4	ng	392237	6	23.16	3288880	20.0
Tetracosane	22.59	2.6	ng	436314	6	23.16	3288880	20.0