LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

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-BG013020.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	5.227	359	364	373	rVB	71870	122928	2.18%	0.331%
2	5.491	402	409	429	rBV	951875	1554173	27.54%	4.190%
3	7.084	669	680	699	rBV	645650	1149375	20.37%	3.098%
4	7.912	815	821	829	rBV	283948	493880	8.75%	1.331%
5	8.235	869	876	887	rBV	1009385	1804507	31.98%	4.864%
6	9.069	1009	1018	1030	rBV	829890	1518793	26.92%	4.094%
7	10.715	1290	1298	1306	rBV	398340	726681	12.88%	1.959%
8	13.176	1709	1717	1730	rBV	2333335	3669399	65.03%	9.892%
9	14.005	1852	1858	1869	rVB	200737	294968	5.23%	0.795%
10	14.551	1944	1951	1958	rBV	712946	1138035	20.17%	3.068%
11	16.044	2197	2205	2214	rBV	1981433	3148542	55.80%	8.488%
12	16.713	2314	2319	2327	rBV2	73986	123893	2.20%	0.334%
13	17.295	2410	2418	2425	rBV	868327	1385773	24.56%	3.736%
14	17.483	2445	2450	2457	rBV2	49960	89868	1.59%	0.242%
15	18.077	2546	2551	2562	rBV2	107155	231704	4.11%	0.625%
16	18.212	2568	2574	2582	rBV	668885	1122346	19.89%	3.026%
17	19.352	2765	2768	2775	rVB4	59223	98321	1.74%	0.265%
18	19.481	2785	2790	2800	rBV	194859	350697	6.22%	0.945%
19	19.728	2829	2832	2842	rVB2	67214	114195	2.02%	0.308%
20	19.916	2858	2864	2875	rBV	4149414	5642750	100.00%	15.211%
21	20.721	2996	3001	3005	rBV2	83389	131087	2.32%	0.353%
22	21.214	3080	3085	3100	rBV	807782	1347727	23.88%	3.633%
23	21.543	3135	3141	3148	rBV2	883643	1403652	24.88%	3.784%
24	21.755	3172	3177	3182	rBV	240317	343229	6.08%	0.925%
25	22.342	3271	3277	3294	rBV	374862	675597	11.97%	1.821%
26	23.012	3385	3391	3398	rVB	465768	840878	14.90%	2.267%
27	23.194	3414	3422	3436	rVB	1439086	2756266	48.85%	7.430%
28	23.788	3515	3523	3531	rBV	466852	989154	17.53%	2.666%
29	24.645	3659	3669	3674	rBV2	537784	1532117	27.15%	4.130%
30	24.698	3674	3678	3690	rVB	418644	980116	17.37%	2.642%
31	25.785	3853	3863	3875	rBV	291442	849443	15.05%	2.290%
32	25.897	3877	3882	3883	rBV4	42887	66392	1.18%	0.179%
33	27.084	4075	4084	4093	rBV3	127932	399537	7.08%	1.077%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

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-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 37096023

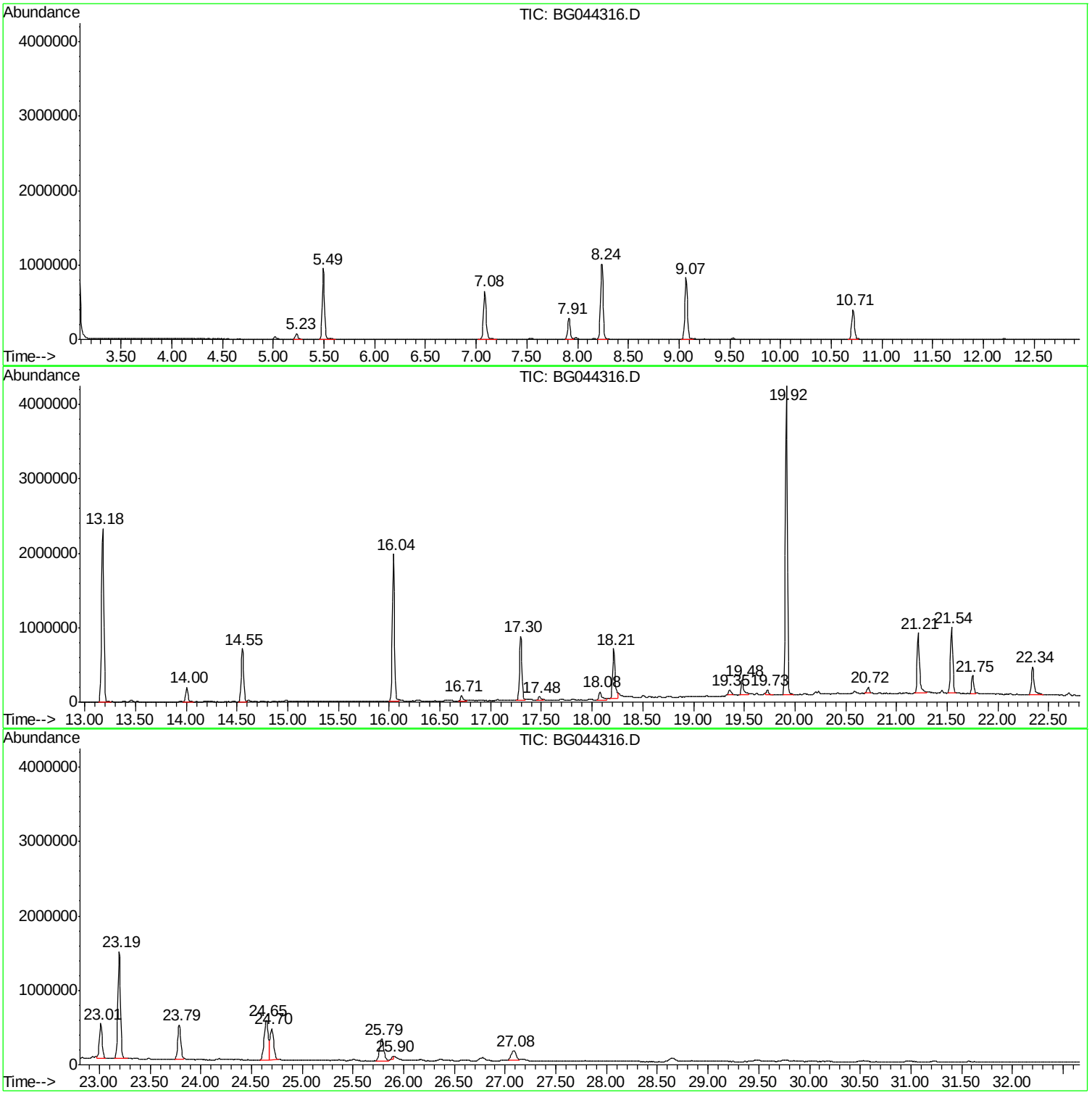
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

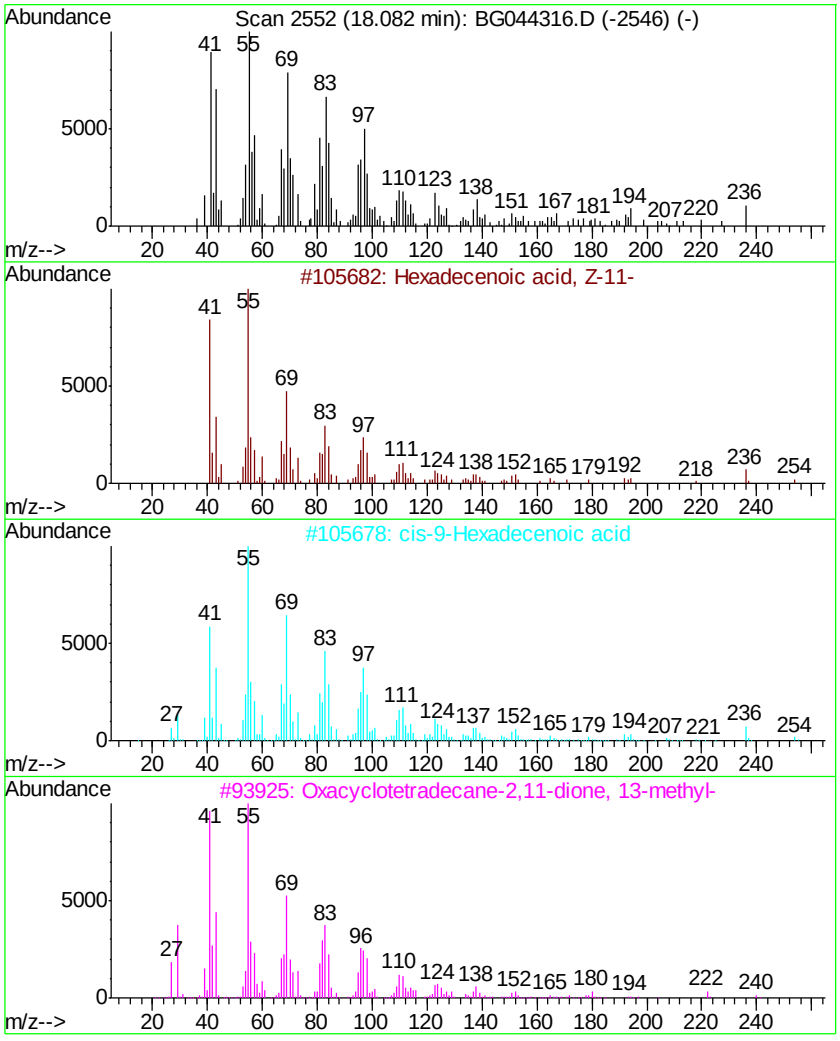
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

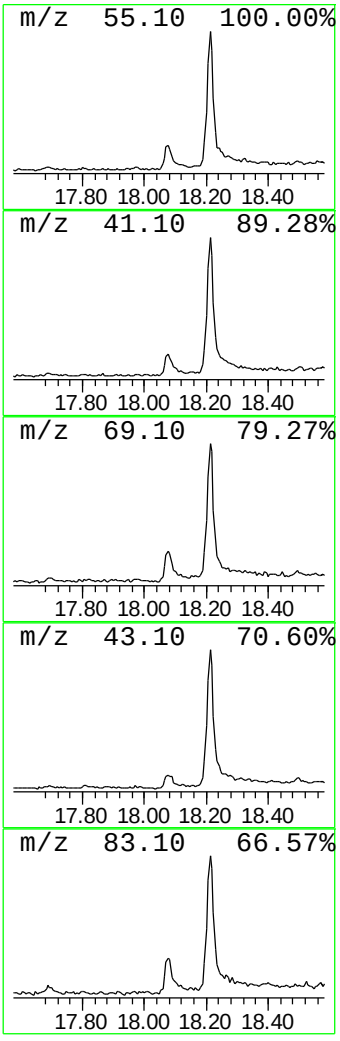
****

Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.34 ng	231704	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	87
3	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	87
4	Z-11-Tetradecenoic acid	226	C14H26O2	1000130-83-3	86
5	Palmitoleic acid	254	C16H30O2	000373-49-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

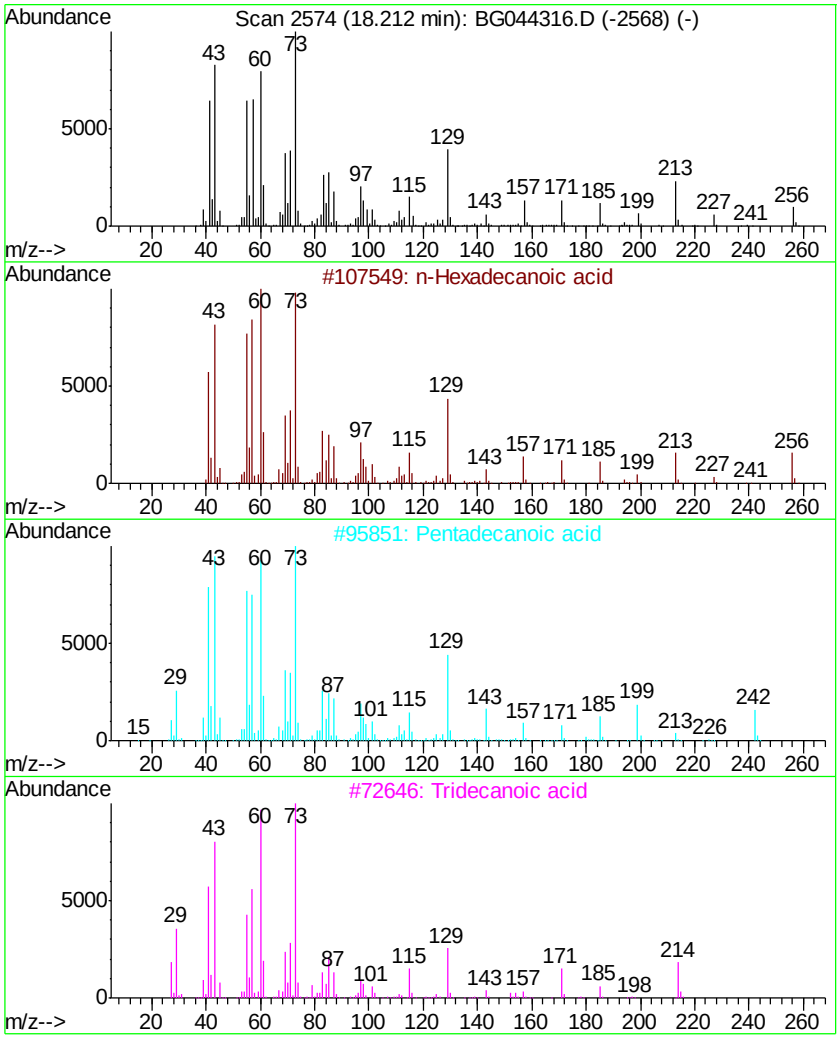
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

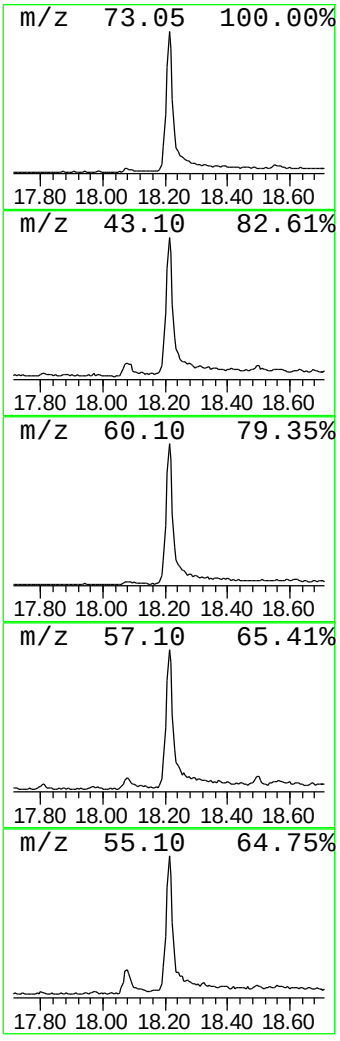
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	16.20 ng	1122350	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

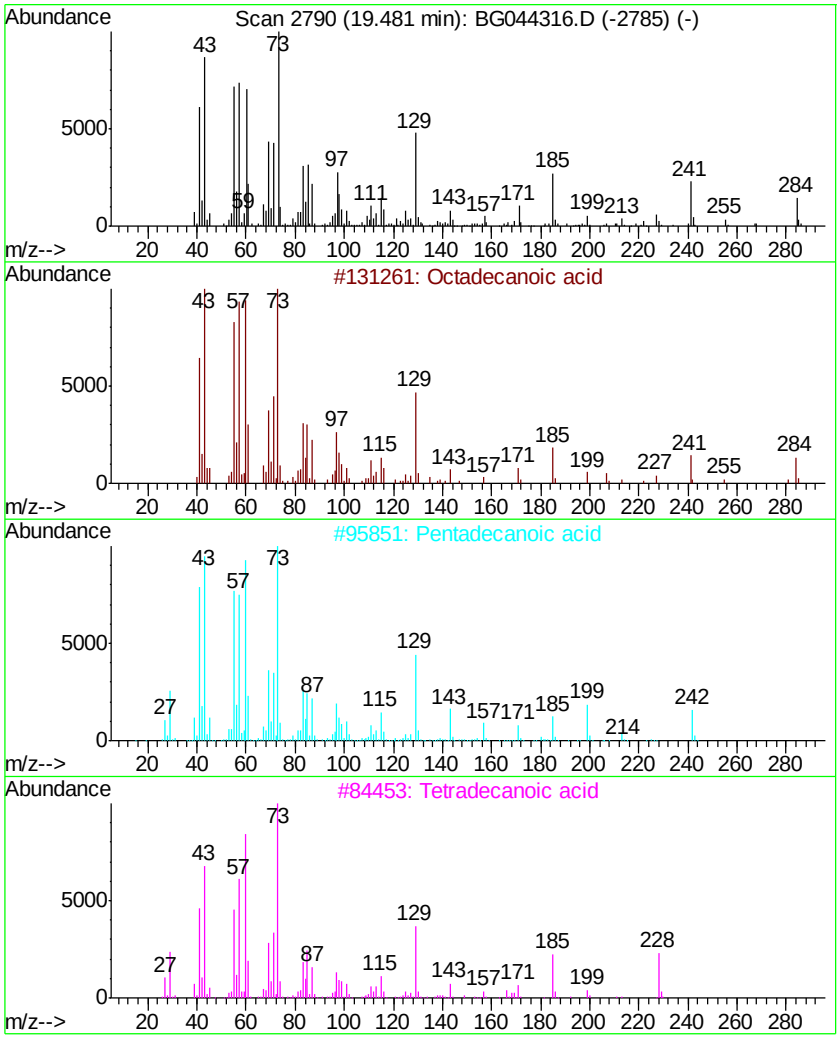
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

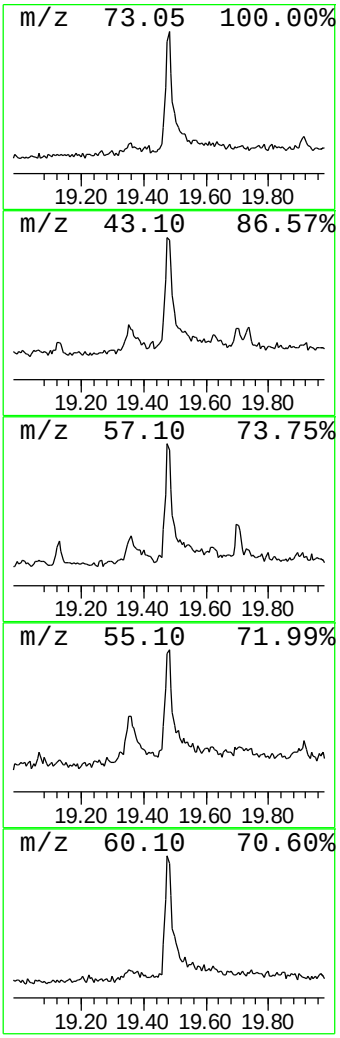
****

Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	5.00 ng	350697	Chrysene-d12	21.54

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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Nonadecane	268	C19H40	000629-92-5	56
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

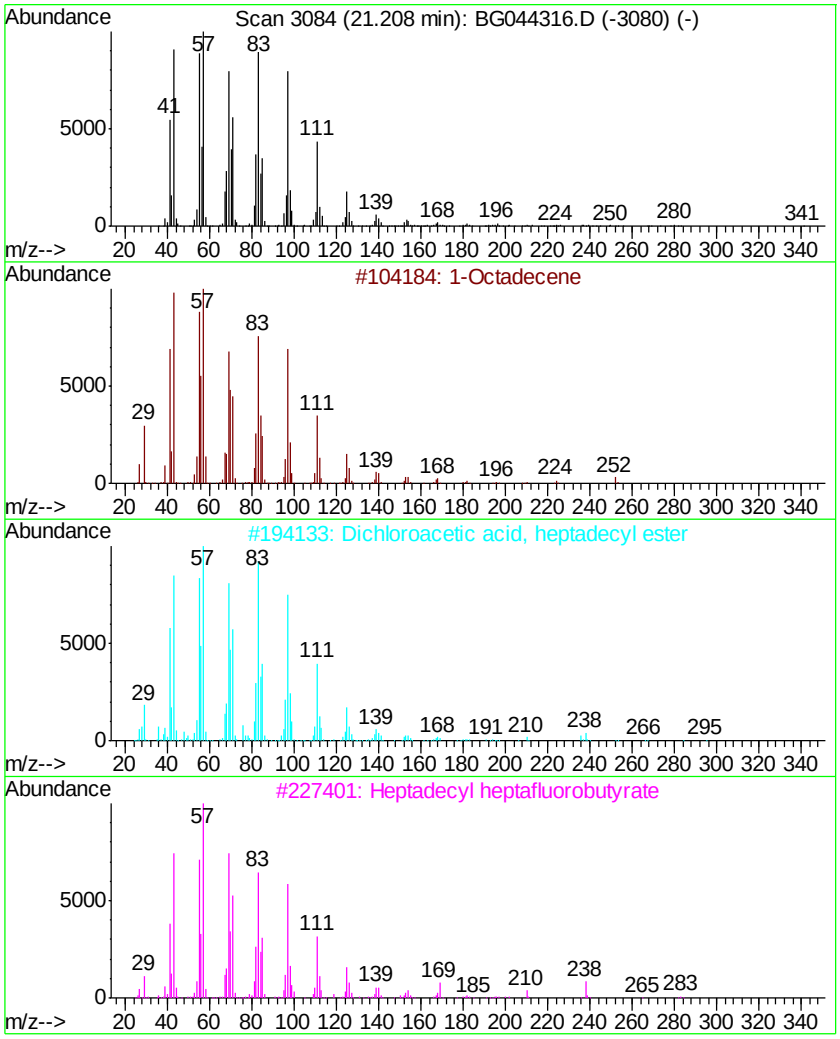
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

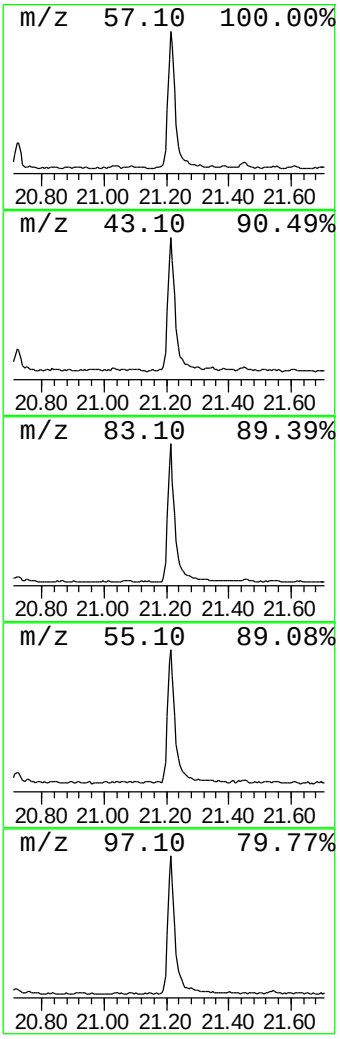
****

Peak Number 6 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	19.20 ng	1347730	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

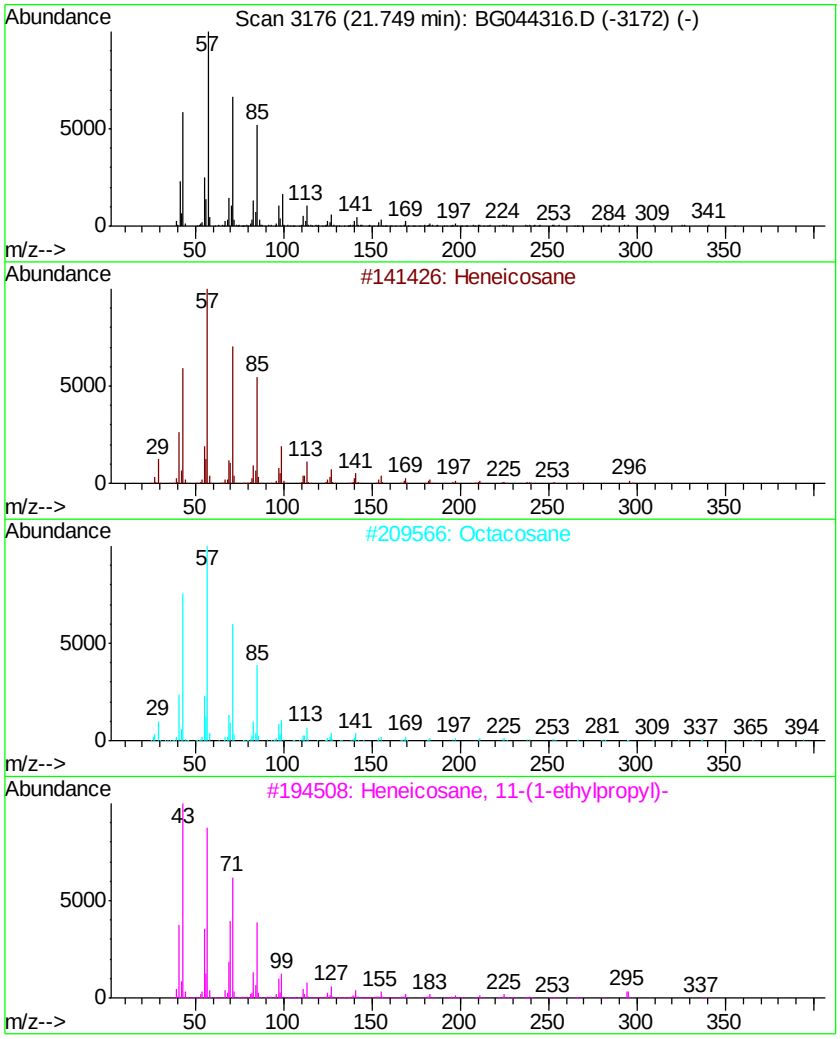
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

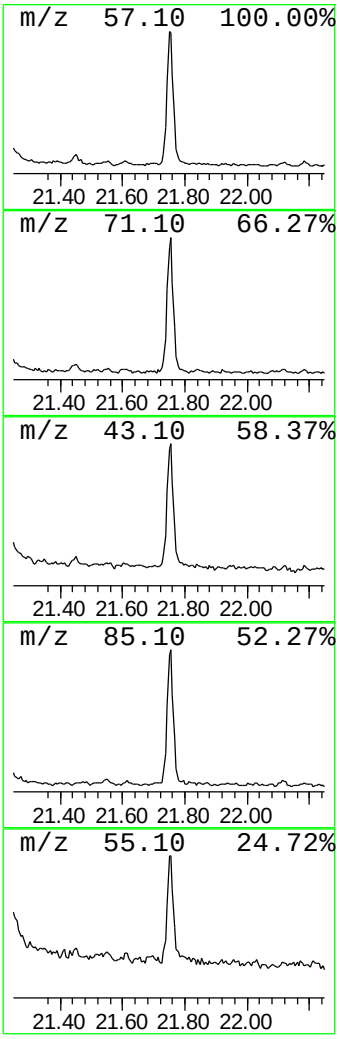
****

Peak Number 7 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	4.89 ng	343229	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

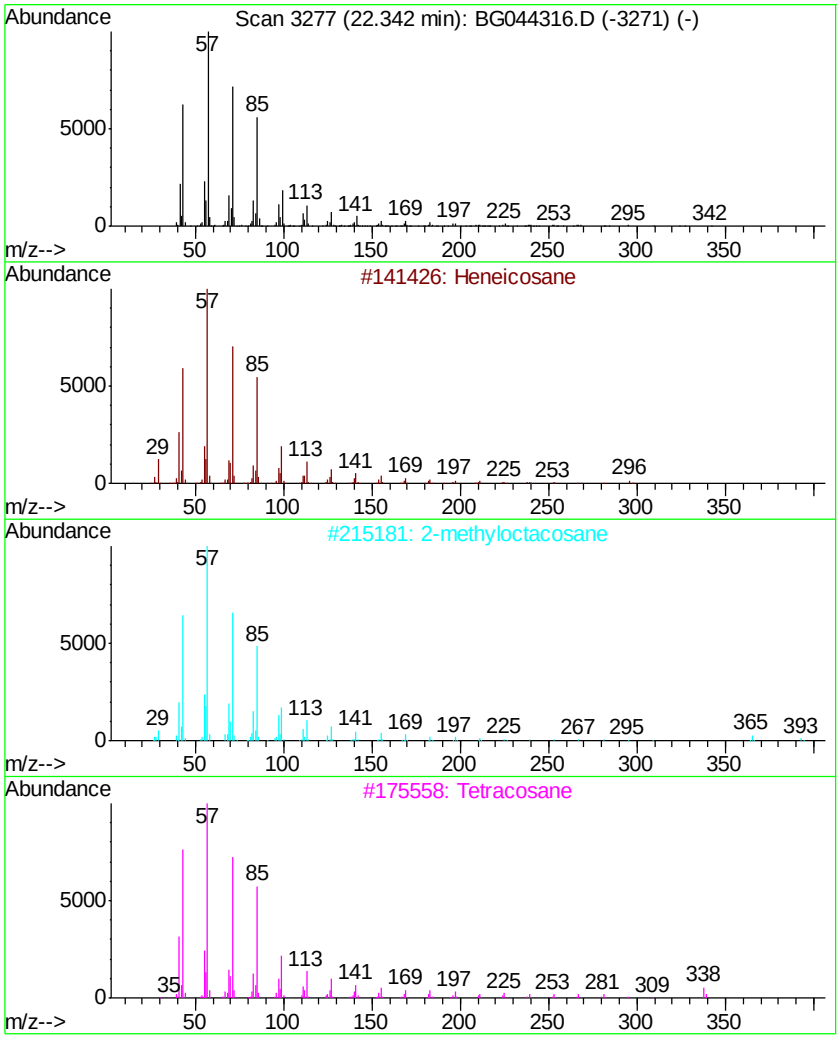
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

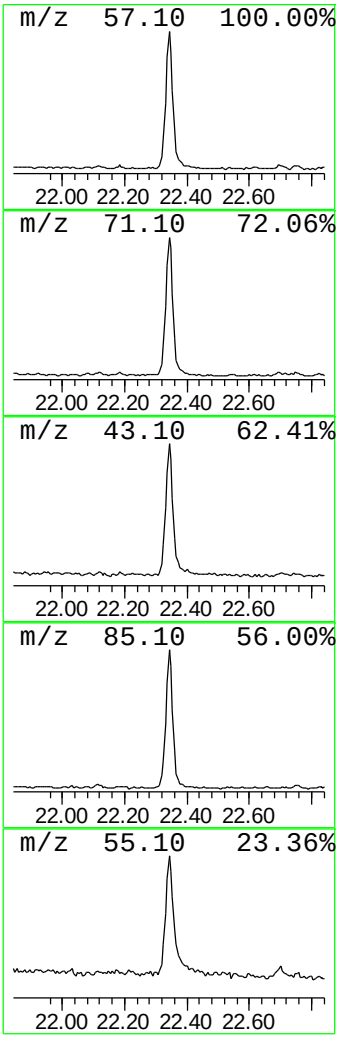
****

Peak Number 8 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	9.63 ng	675597	Chrysene-d12	21.54

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	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

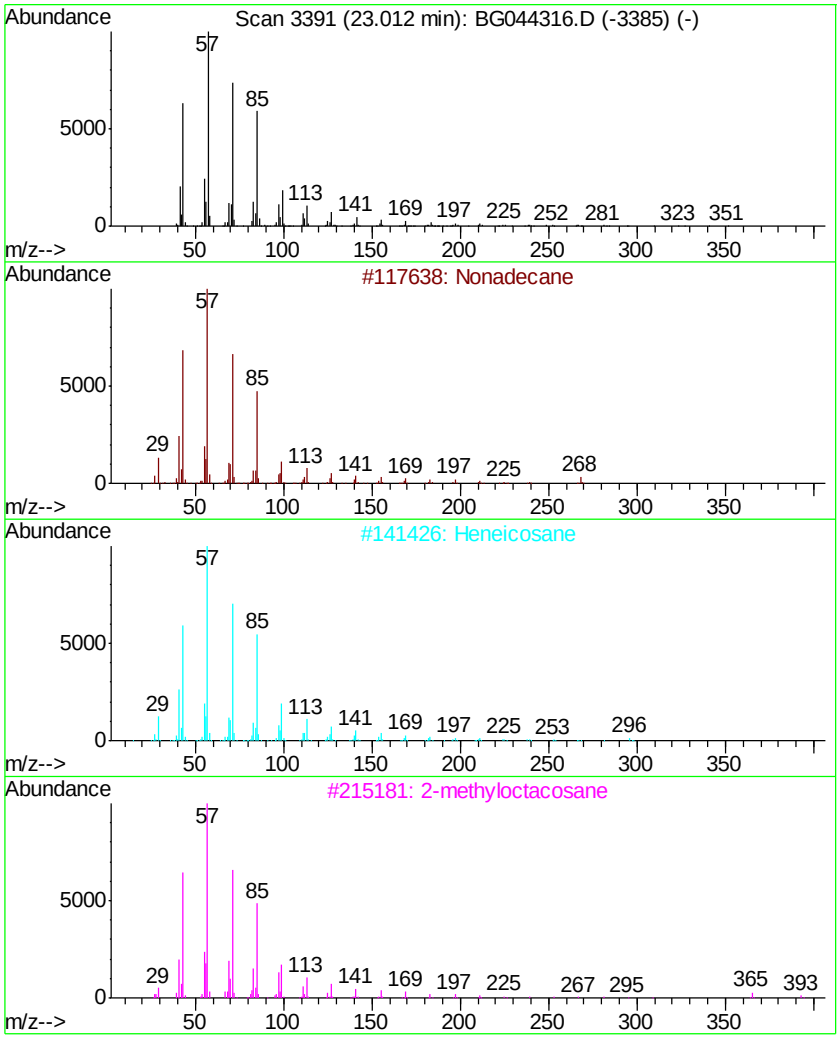
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

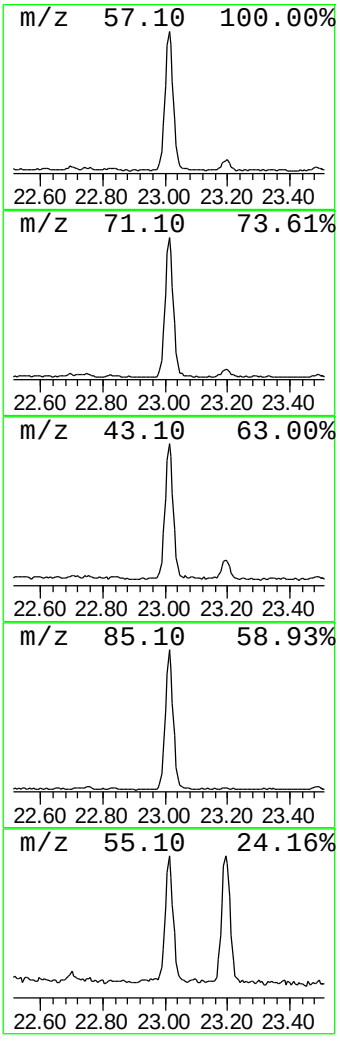
****

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	11.98 ng	840878	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

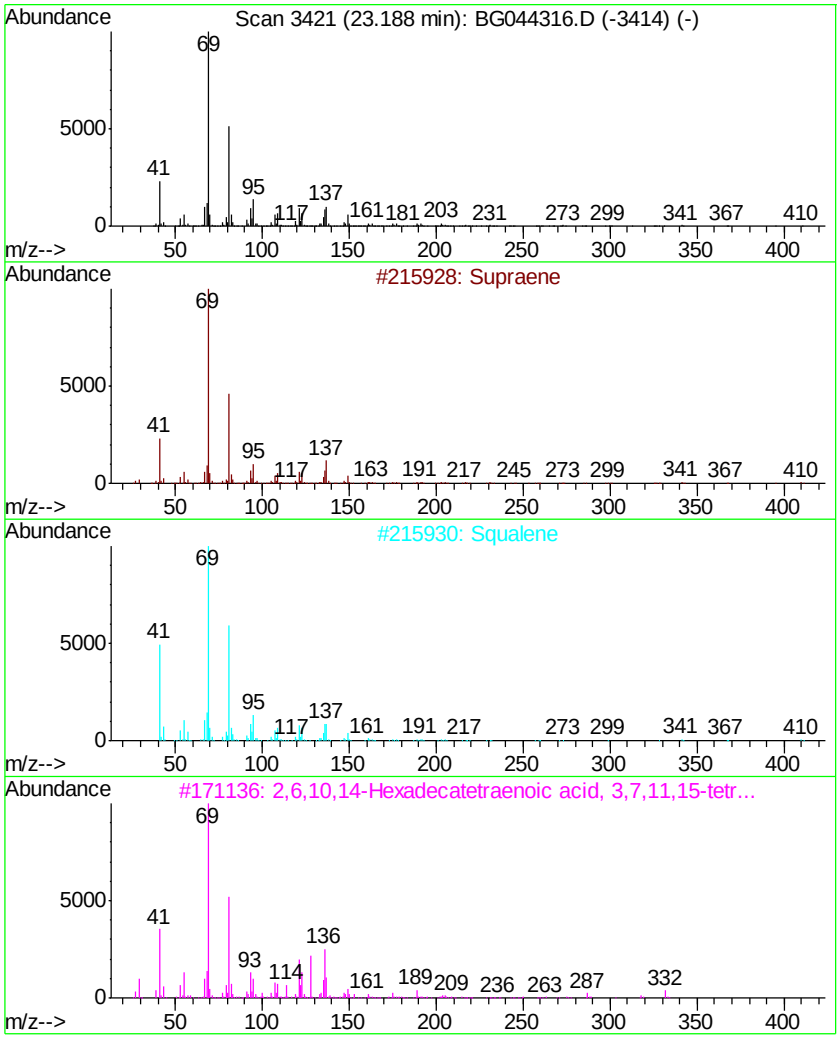
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

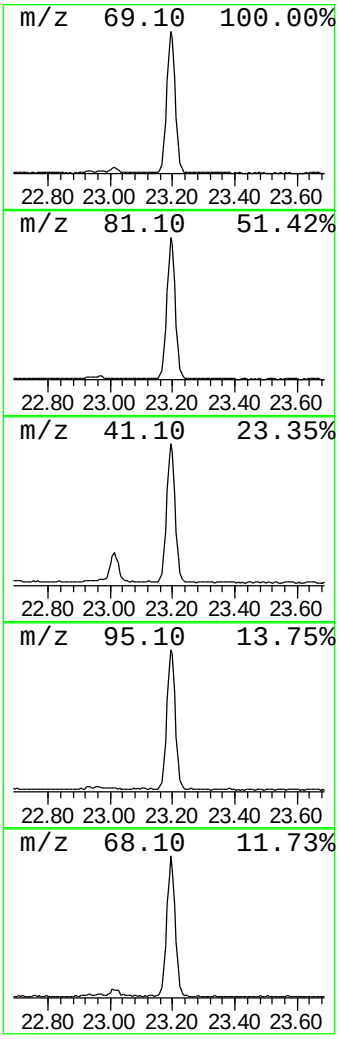
****

Peak Number 10 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	35.98 ng	2756270	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

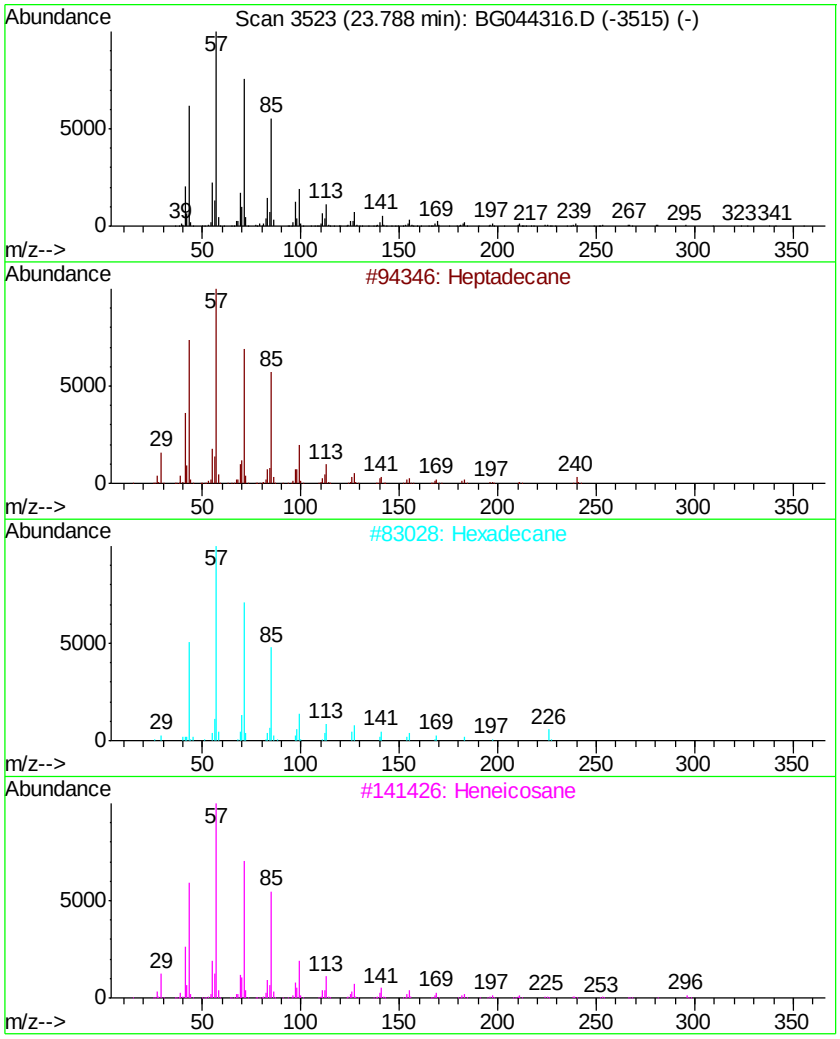
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

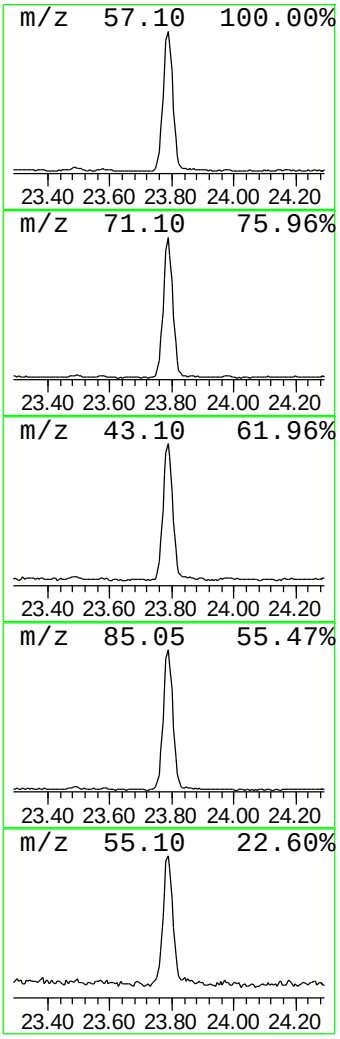
****

Peak Number 11 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	12.91 ng	989154	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

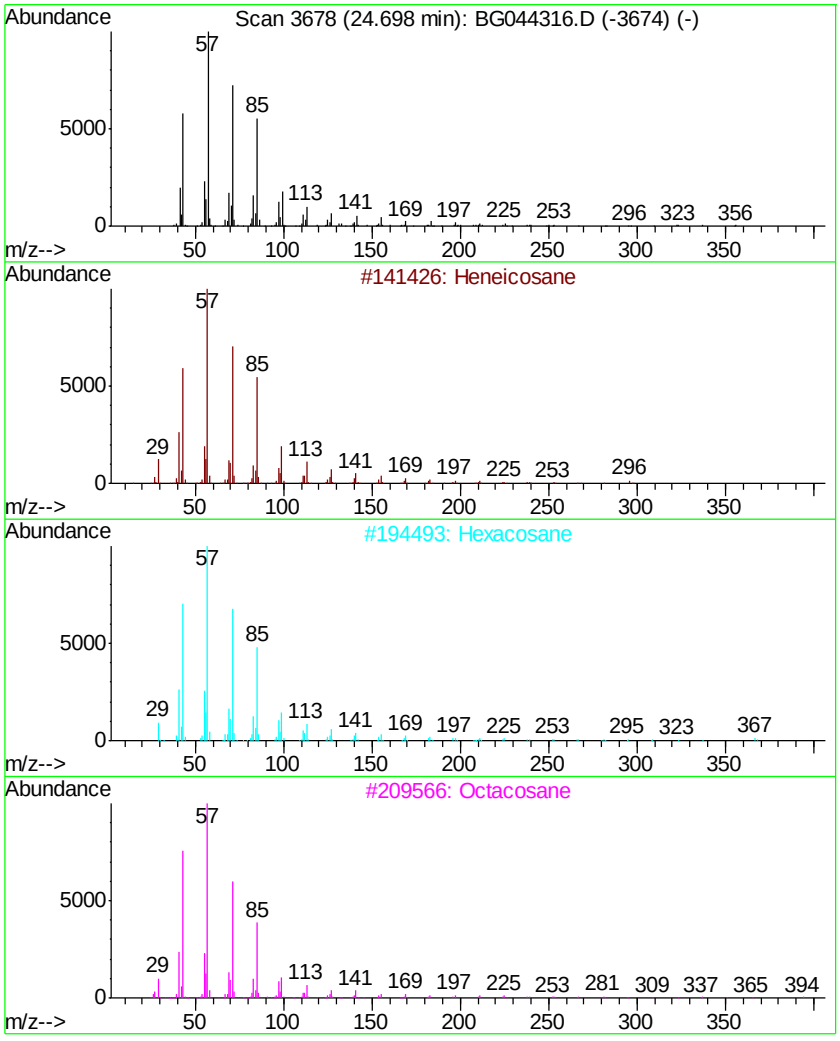
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

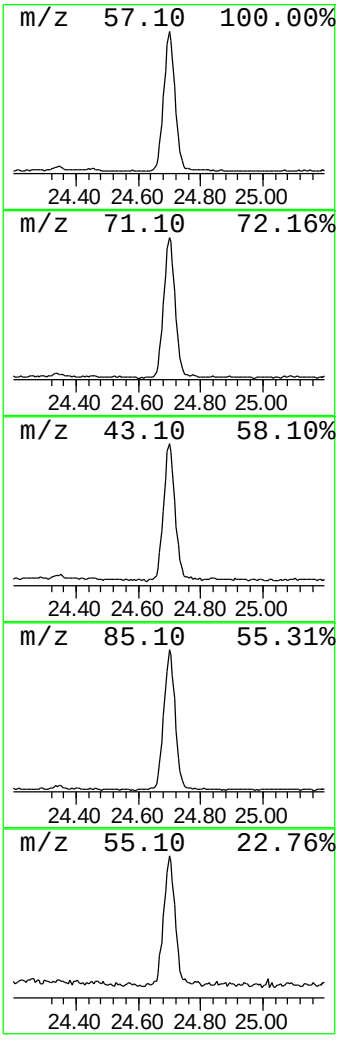
****

Peak Number 12 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	12.79 ng	980116	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

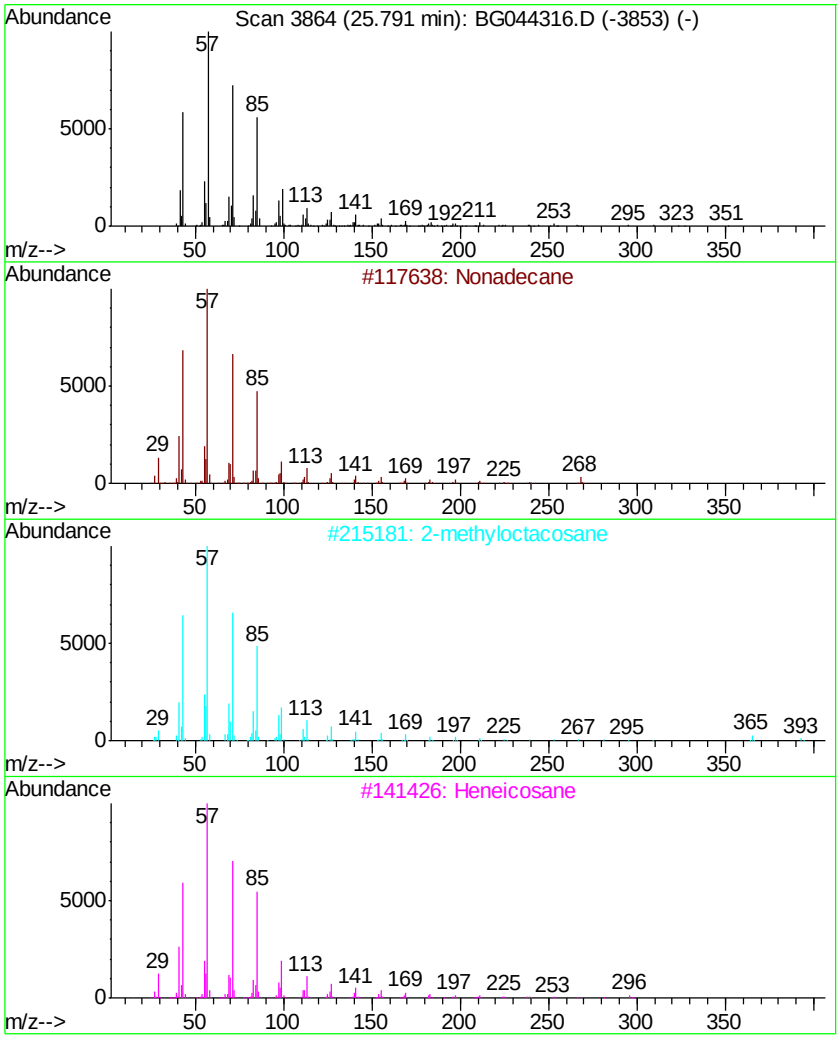
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

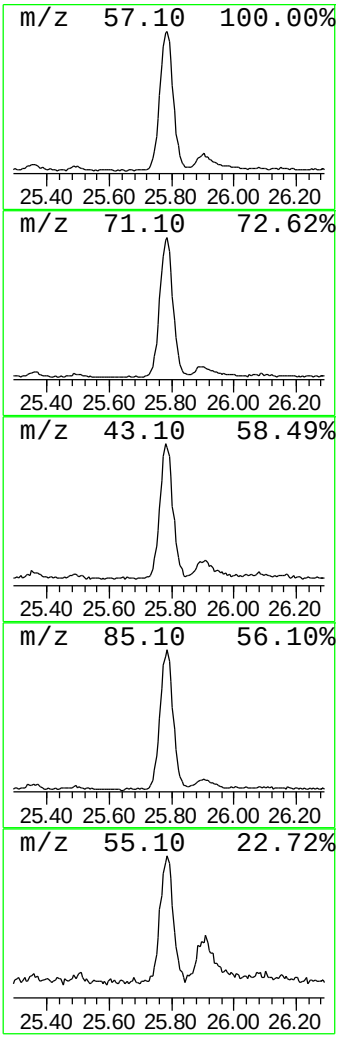
****

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	11.09 ng	849443	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

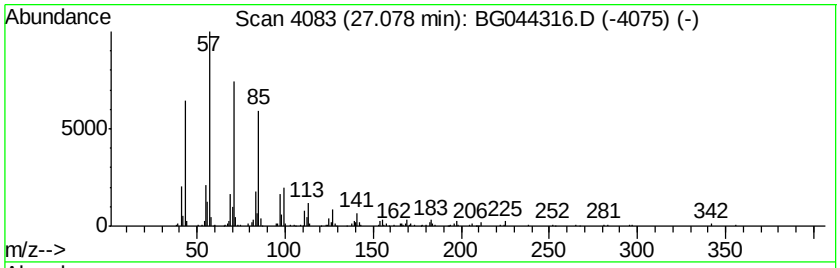
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

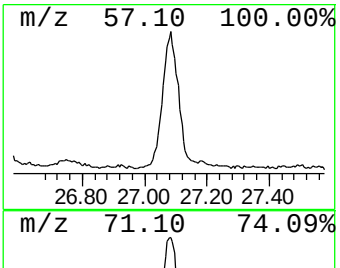
****

Peak Number 14 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.08	5.22 ng	399537	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020520\
Data File : BG044316.D
Acq On : 5 Feb 2020 22:41
Operator : CG/JU
Sample : L1387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F06031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
Hexadecenoic acid...	18.08	3.3	ng	231704	4	17.30	1385770	20.0
n-Hexadecanoic acid	18.21	16.2	ng	1122350	4	17.30	1385770	20.0
Octadecanoic acid	19.48	5.0	ng	350697	5	21.54	1403650	20.0
1-Octadecene	21.21	19.2	ng	1347730	5	21.54	1403650	20.0
Heneicosane	21.75	4.9	ng	343229	5	21.54	1403650	20.0
2-methyloctacosane	22.34	9.6	ng	675597	5	21.54	1403650	20.0
Nonadecane	23.01	12.0	ng	840878	5	21.54	1403650	20.0
Supraene	23.19	36.0	ng	2756270	6	24.65	1532120	20.0
Heptadecane	23.79	12.9	ng	989154	6	24.65	1532120	20.0
Hexacosane	24.70	12.8	ng	980116	6	24.65	1532120	20.0
Heptadecane, 9-oc...	25.79	11.1	ng	849443	6	24.65	1532120	20.0
Tetratetracontane	27.08	5.2	ng	399537	6	24.65	1532120	20.0