LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

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-BG051520.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	3.113	3	4	17	rVB	179551	245525	5.80%	0.814%
2	5.563	413	421	434	rBV	877677	1504571	35.54%	4.986%
3	7.178	687	696	713	rBV	974759	1769445	41.80%	5.863%
4	7.960	822	829	838	rBV	279369	501930	11.86%	1.663%
5	8.289	876	885	896	rBV	834748	1519971	35.90%	5.037%
6	9.123	1017	1027	1044	rBV	650066	1226612	28.97%	4.065%
7	10.768	1300	1307	1317	rBV	389454	717156	16.94%	2.376%
8	13.223	1717	1725	1738	rBV	1860770	3036047	71.72%	10.060%
9	13.505	1768	1773	1782	rVB2	42728	70218	1.66%	0.233%
10	14.051	1861	1866	1873	rBV	276313	425425	10.05%	1.410%
11	14.604	1949	1960	1967	rBV	653910	1081798	25.55%	3.585%
12	16.102	2207	2215	2231	rBV	1503960	2371182	56.01%	7.857%
13	16.754	2319	2326	2335	rBV	17739	58144	1.37%	0.193%
14	17.353	2419	2428	2433	rBV	793147	1270803	30.02%	4.211%
15	17.394	2433	2435	2440	rVB	68852	84869	2.00%	0.281%
16	17.729	2487	2492	2497	rBV6	23174	51991	1.23%	0.172%
17	18.258	2578	2582	2591	rVB2	111220	161278	3.81%	0.534%
18	19.268	2749	2754	2762	rBV6	39691	88616	2.09%	0.294%
19	19.350	2762	2768	2773	rBV	397599	598256	14.13%	1.982%
20	19.403	2773	2777	2783	rVB	178710	273538	6.46%	0.906%
21	19.761	2828	2838	2847	rBV	163574	349795	8.26%	1.159%
22	19.967	2866	2873	2886	rBV	3122029	4233443	100.00%	14.028%
23	20.261	2912	2923	2930	rBV3	54165	146342	3.46%	0.485%
24	20.607	2978	2982	2987	rBV6	40124	65612	1.55%	0.217%
25	20.772	3005	3010	3014	rBV4	40102	60813	1.44%	0.202%
26	21.271	3090	3095	3105	rBV3	290702	505808	11.95%	1.676%
27	21.606	3144	3152	3158	rBV	785046	1499396	35.42%	4.968%
28	21.653	3158	3160	3170	rVB	97478	143532	3.39%	0.476%
29	21.812	3182	3187	3191	rBV2	94034	149236	3.53%	0.495%
30	22.411	3283	3289	3293	rBV3	146824	291068	6.88%	0.964%
31	23.086	3397	3404	3411	rVB	144688	278281	6.57%	0.922%
32	23.421	3457	3461	3468	rVB8	61388	110348	2.61%	0.366%
33	23.762	3511	3519	3526	rBV3	82181	251926	5.95%	0.835%
34	23.879	3532	3539	3545	rVB2	290940	617051	14.58%	2.045%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

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-BG051520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.950	3546	3551	3559	rBV7	56784	128258	3.03%	0.425%
36	24.467	3634	3639	3649	rVB2	47113	132076	3.12%	0.438%
37	24.608	3657	3663	3670	rVB2	53850	138390	3.27%	0.459%
38	24.755	3679	3688	3706	rBV3	462091	1683274	39.76%	5.578%
39	25.313	3776	3783	3790	rVB7	65720	164852	3.89%	0.546%
40	25.918	3873	3886	3897	rVB	537483	1659370	39.20%	5.499%
41	26.047	3899	3908	3920	rBV8	92110	372511	8.80%	1.234%
42	27.991	4234	4239	4252	rVB8	44572	139576	3.30%	0.463%

Sum of corrected areas: 30178333

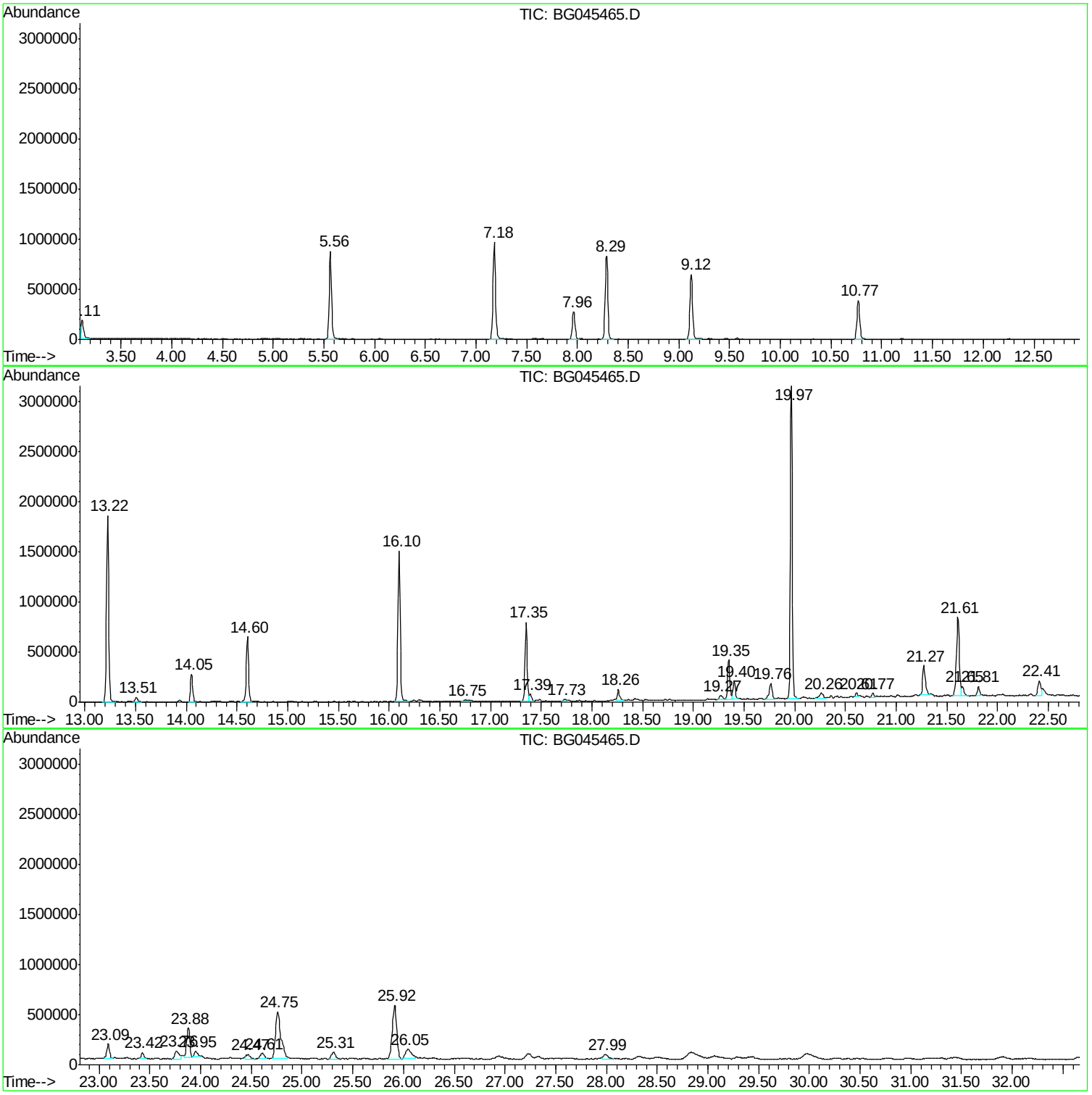
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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 G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

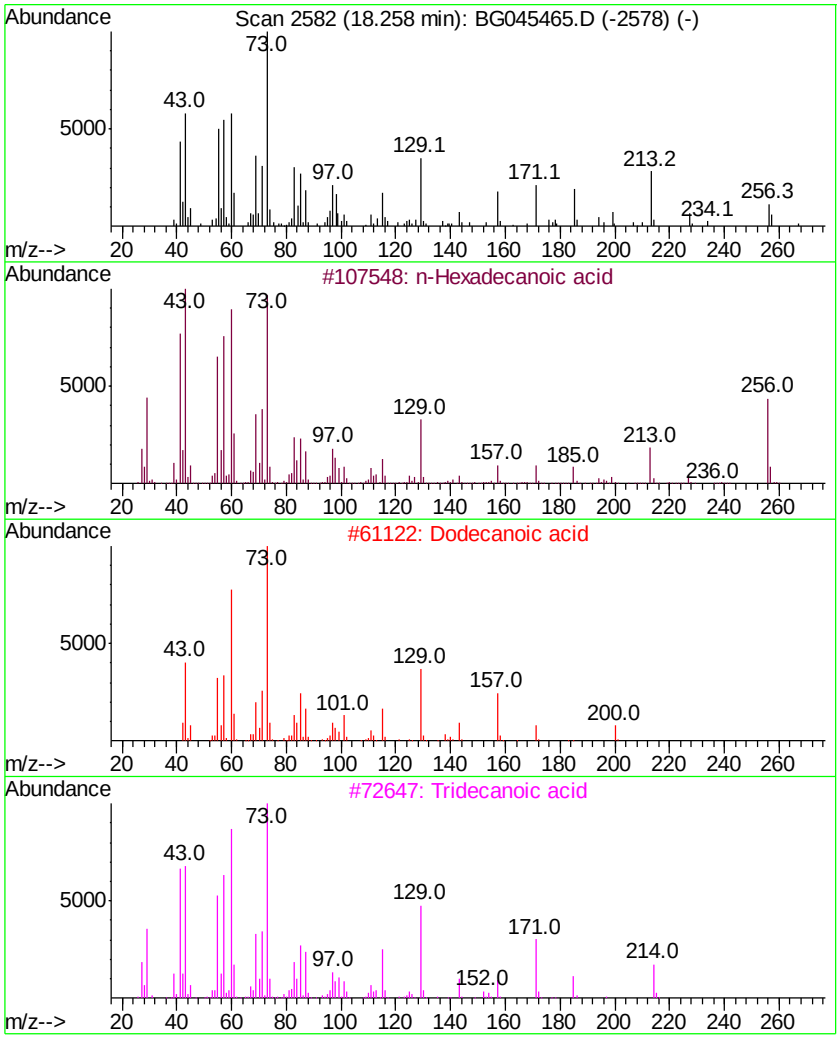
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

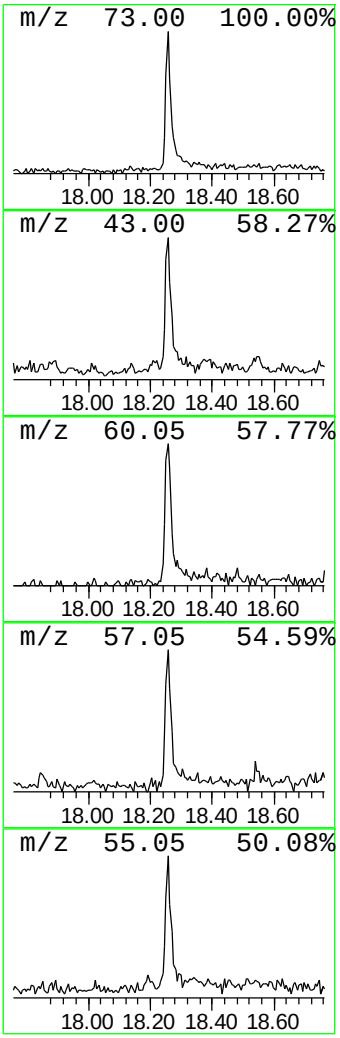
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.54 ng	161278	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	55
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

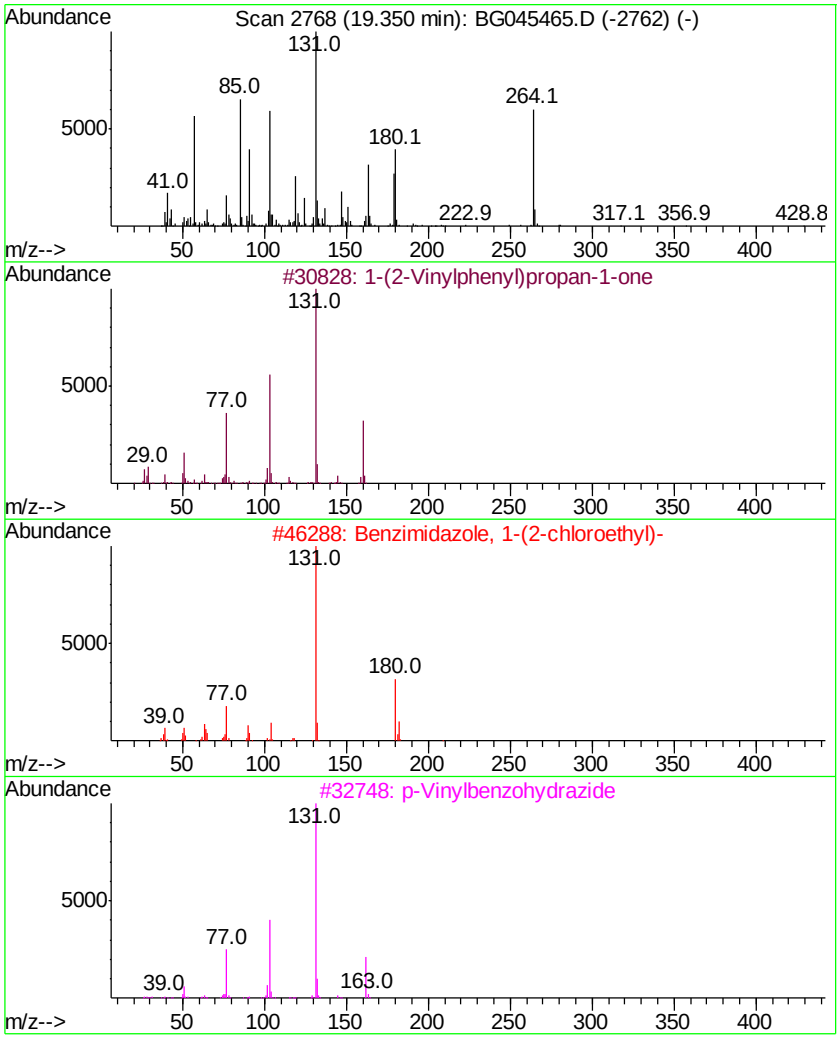
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

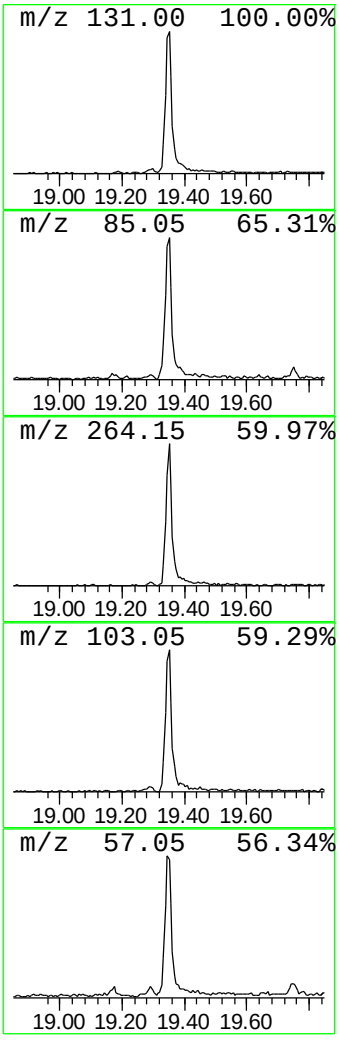
****

Peak Number 4 unknown19.35 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	9.42 ng	598256	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Vinylphenyl)propan-1-one	160	C11H12O	052095-41-7	22
2	Benzimidazole, 1-(2-chloroethyl)-	180	C9H9ClN2	022492-19-9	22
3	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	18
4	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	14
5	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

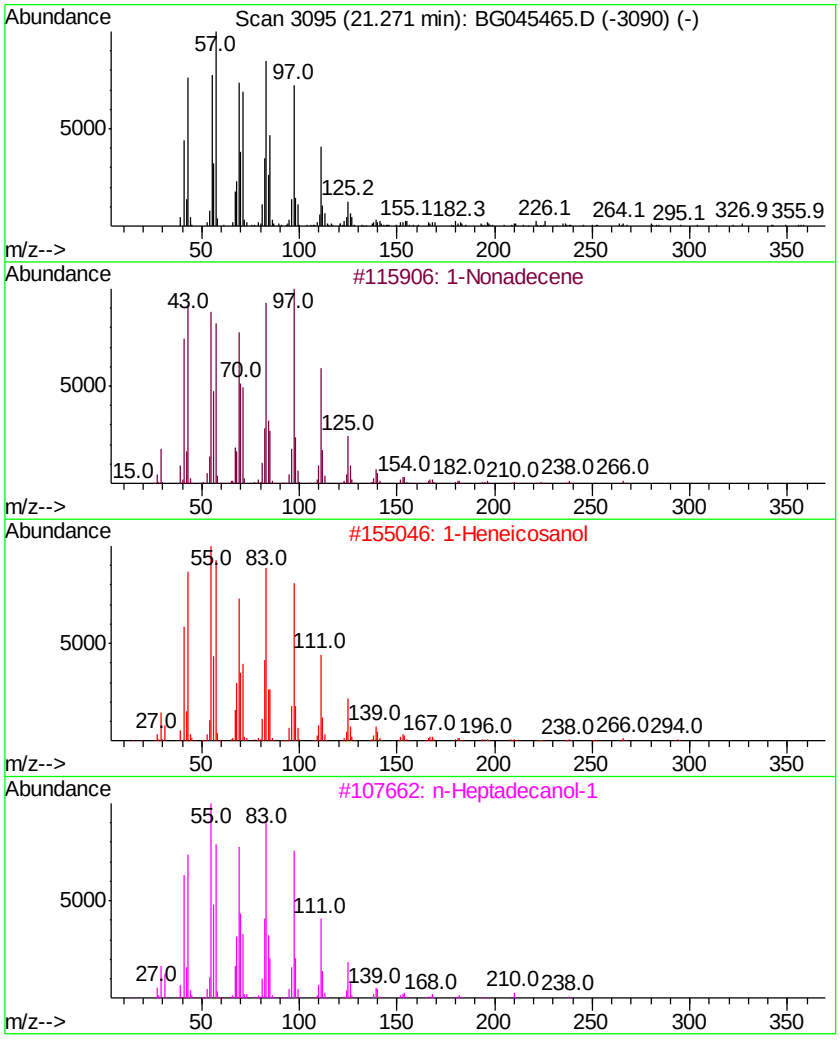
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

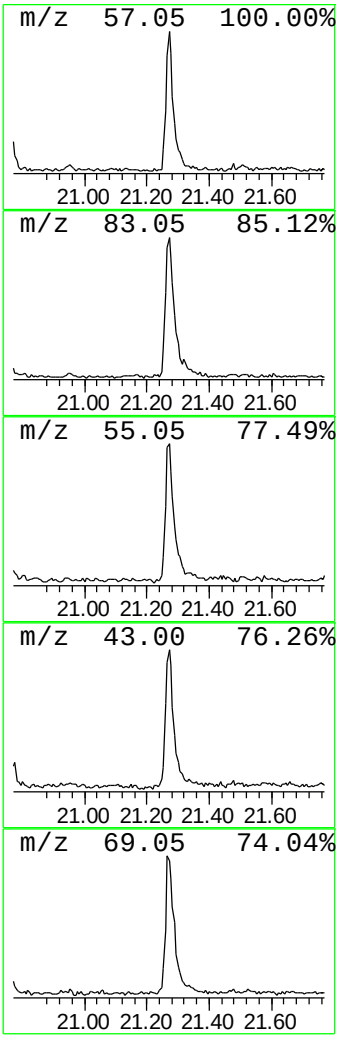
****

Peak Number 5 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	6.75 ng	505808	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
4	n-Pentadecanol	228	C15H32O	000629-76-5	87
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

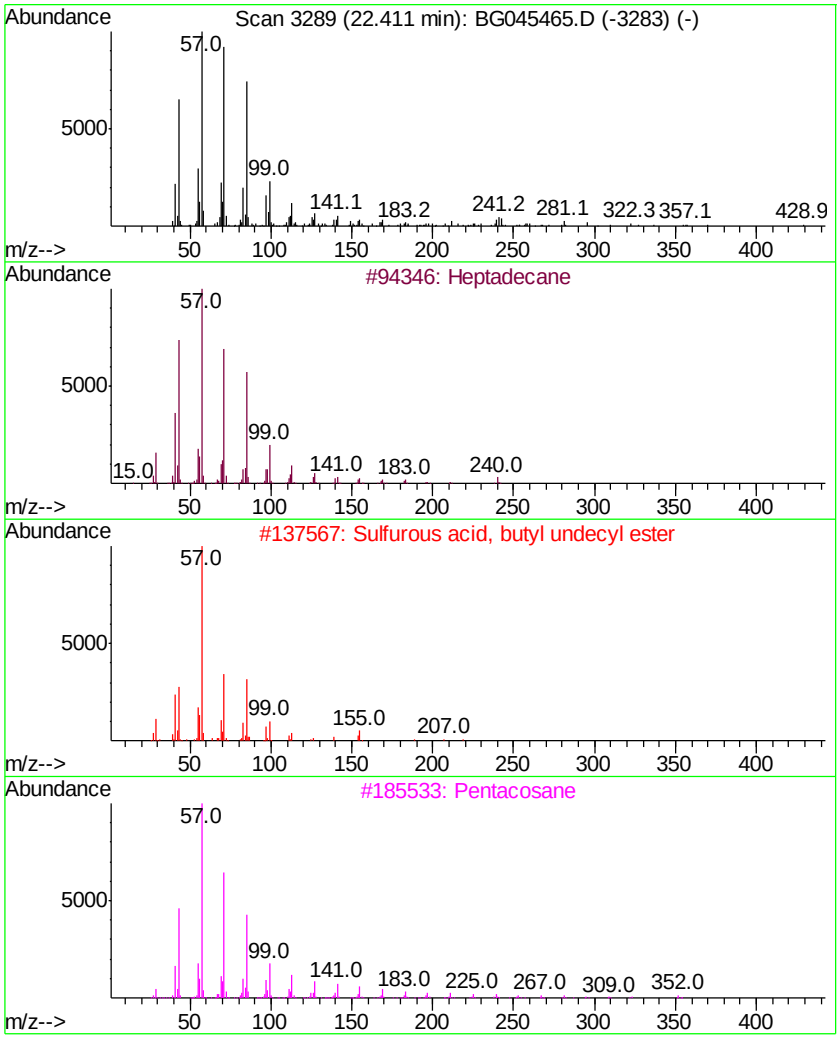
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

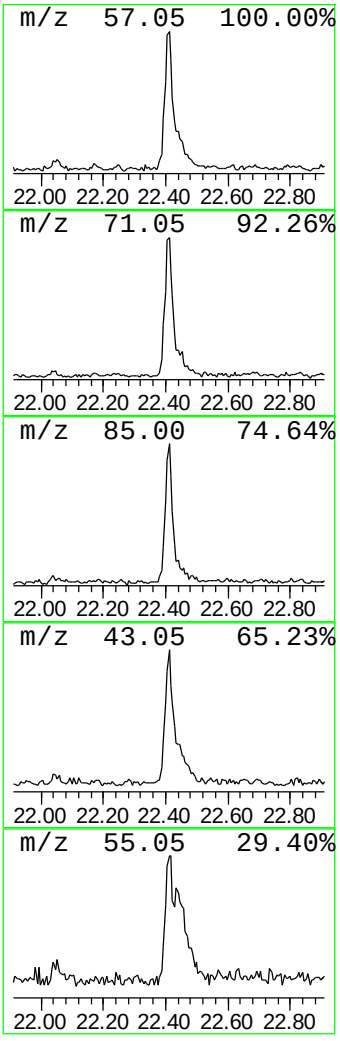
****

Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	3.88 ng	291068	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
3	Pentacosane	352	C25H52	000629-99-2	64
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

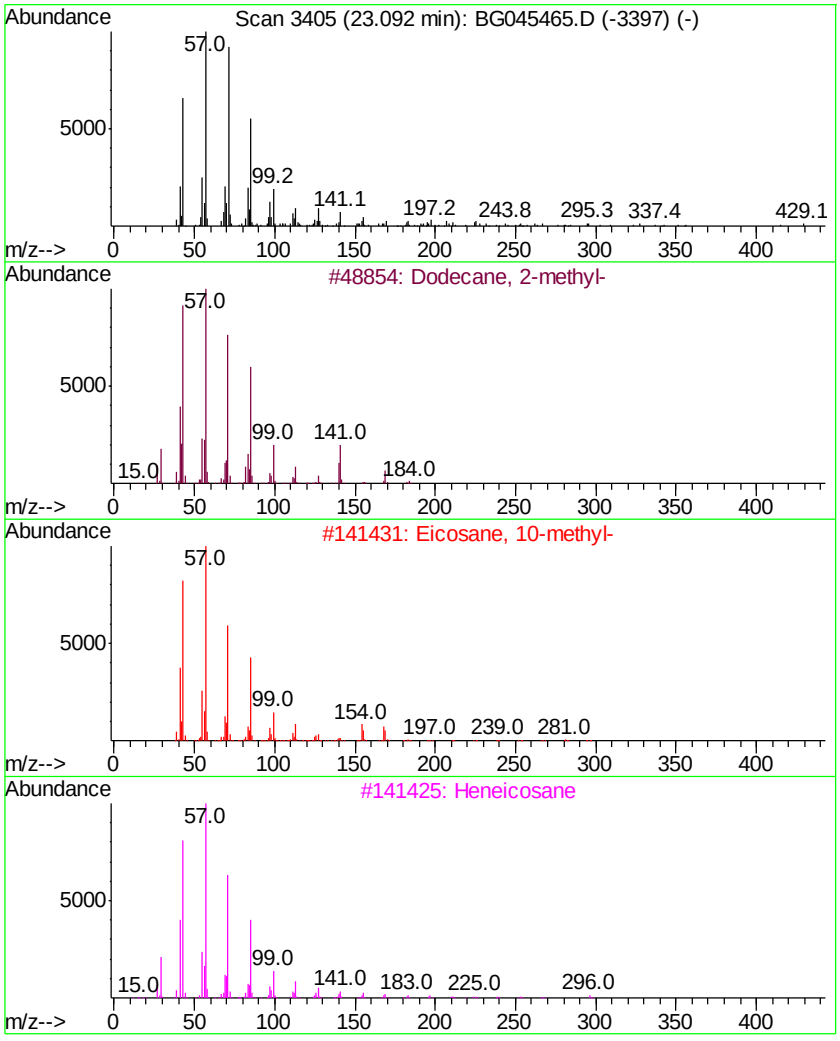
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

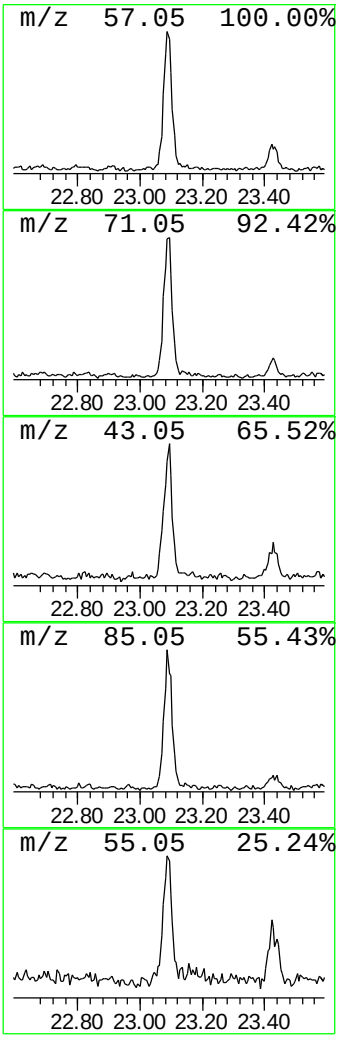
****

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	3.71 ng	278281	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

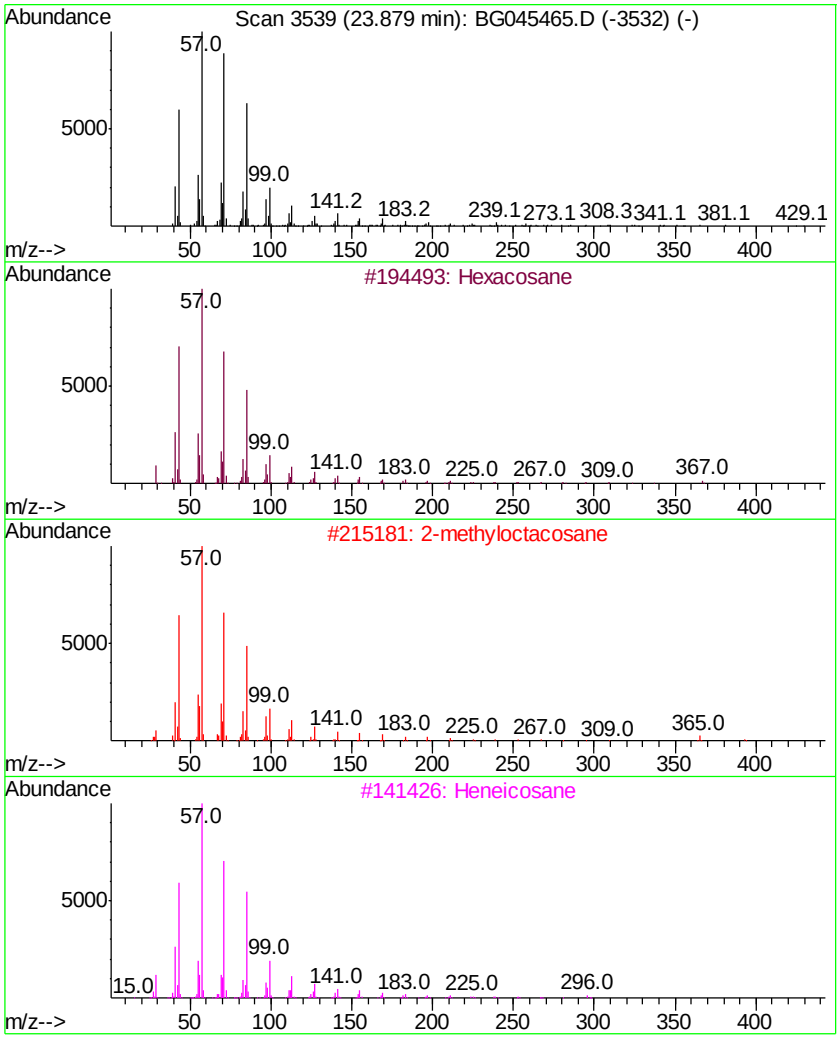
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

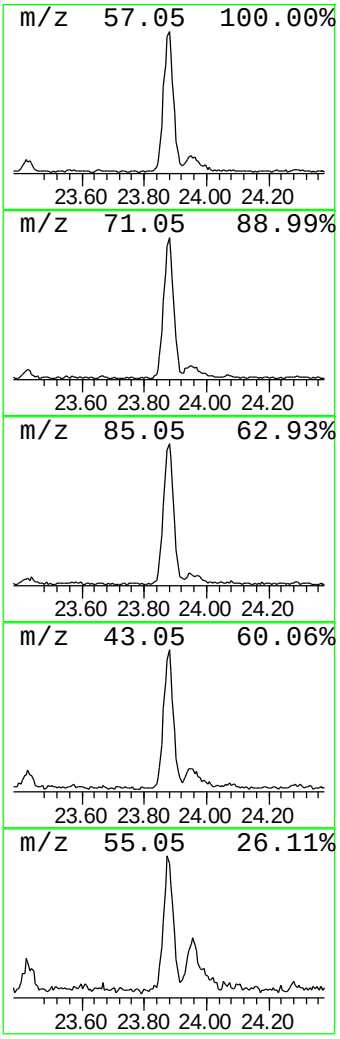
****

Peak Number 8 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	7.33 ng	617051	Perylene-d12	24.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

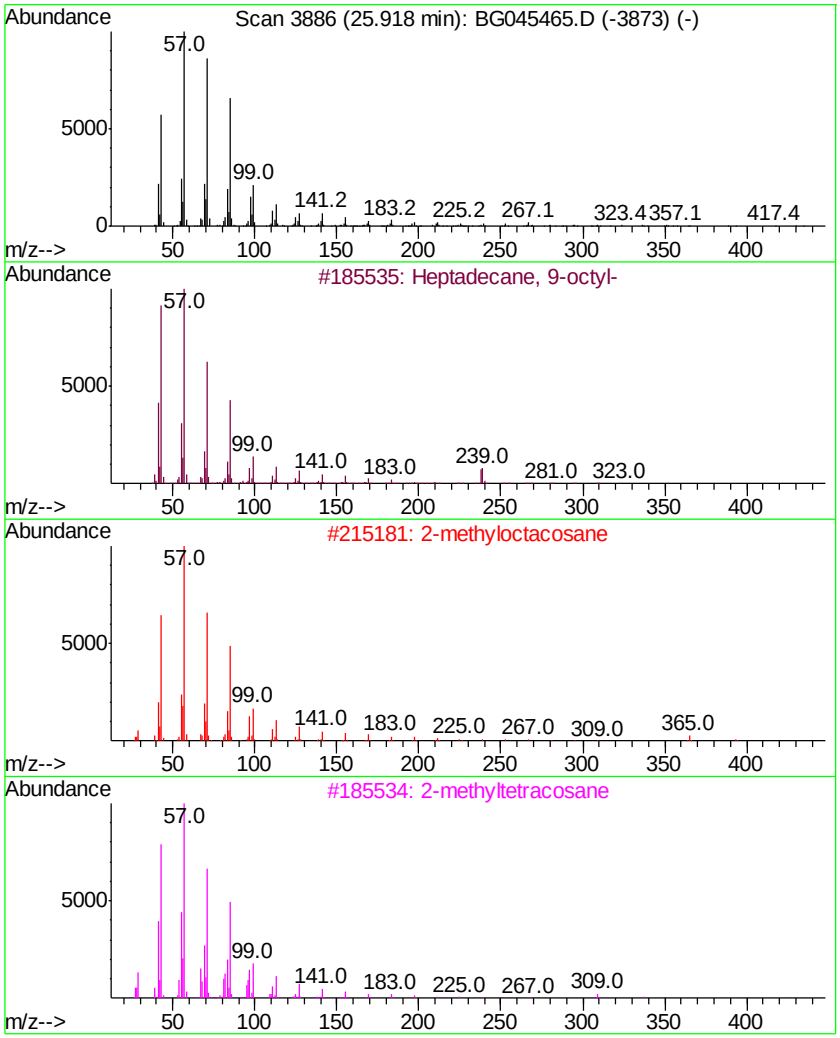
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

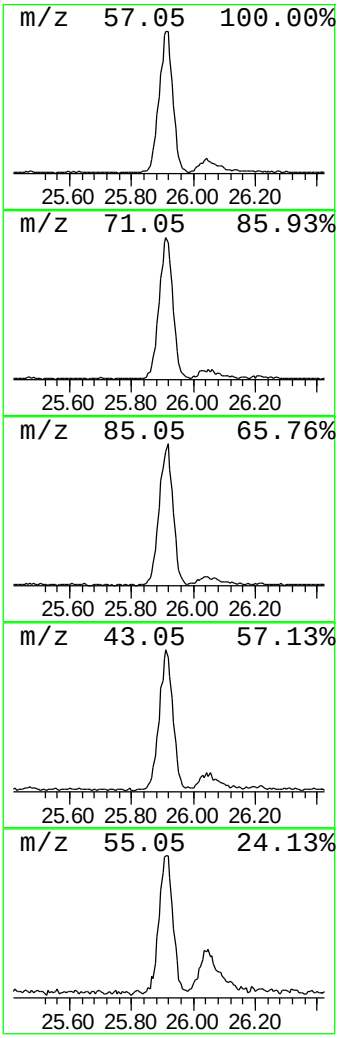
****

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.92	19.72 ng	1659370	Perylene-d12	24.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	2-methyltetracosane	352	C25H52	1000376-72-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

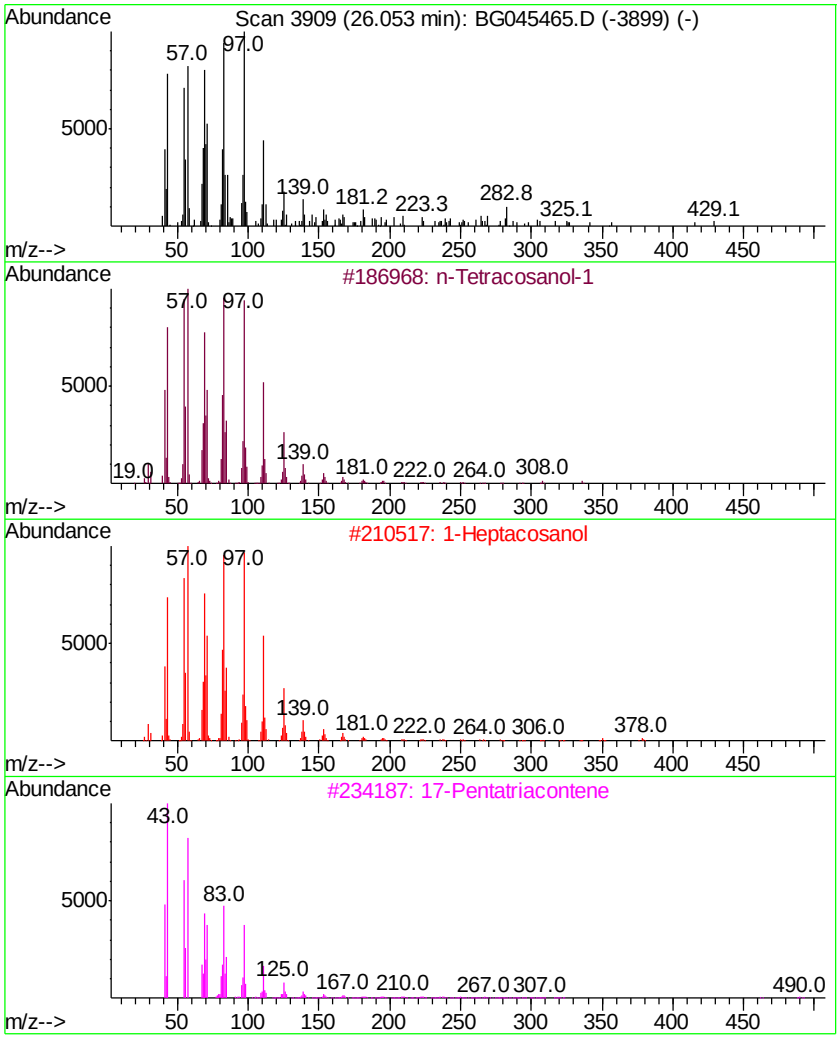
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

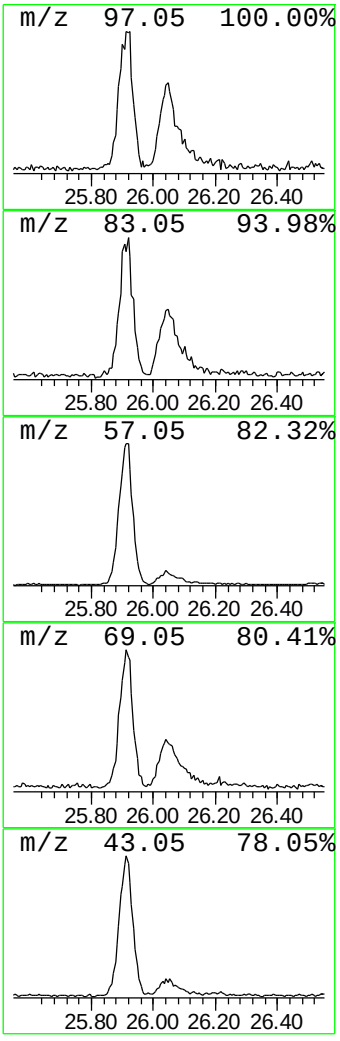
****

Peak Number 10 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	4.43 ng	372511	Perylene-d12	24.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	Cyclopentadecane	210	C15H30	000295-48-7	87
5	Behenic alcohol	326	C22H46O	000661-19-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
Data File : BG045465.D
Acq On : 26 May 2020 20:16
Operator : CG/JU
Sample : L2744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM54-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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
n-Hexadecanoic acid	18.26	2.5	ng	161278	4	17.35	1270800	20.0
unknown19.35	19.35	9.4	ng	598256	4	17.35	1270800	20.0
1-Nonadecene	21.27	6.8	ng	505808	5	21.61	1499400	20.0
Heptadecane	22.41	3.9	ng	291068	5	21.61	1499400	20.0
Dodecane, 2-methyl-	23.09	3.7	ng	278281	5	21.61	1499400	20.0
Hexacosane	23.88	7.3	ng	617051	6	24.75	1683270	20.0
Heptadecane, 9-oc...	25.92	19.7	ng	1659370	6	24.75	1683270	20.0
n-Tetracosanol-1	26.05	4.4	ng	372511	6	24.75	1683270	20.0