LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045196.D
Acq On : 28 Apr 2020 22:13
Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

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-BG041520.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	3.155	7	11	18	rVB2	31756	51449	1.67%	0.325%
2	5.557	413	420	431	rBV	417922	730204	23.65%	4.610%
3	7.155	684	692	704	rBV	487936	890638	28.85%	5.623%
4	7.989	826	834	844	rBV	169201	302885	9.81%	1.912%
5	8.312	882	889	898	rBV	406131	748824	24.25%	4.728%
6	9.146	1023	1031	1043	rBV	319793	603914	19.56%	3.813%
7	10.797	1306	1312	1325	rBV	228967	423806	13.73%	2.676%
8	13.253	1720	1730	1740	rBV	1080196	1732789	56.12%	10.941%
9	14.075	1863	1870	1878	rBV	118259	191116	6.19%	1.207%
10	14.627	1958	1964	1973	rBV	433817	725991	23.51%	4.584%
11	16.119	2211	2218	2229	rBV	1051033	1635718	52.98%	10.328%
12	17.376	2425	2432	2444	rBV	626985	1011897	32.77%	6.389%
13	18.275	2578	2585	2595	rBV3	86908	157926	5.12%	0.997%
14	19.427	2777	2781	2789	rVB3	17880	32218	1.04%	0.203%
15	19.544	2798	2801	2807	rBV3	42565	48646	1.58%	0.307%
16	19.991	2871	2877	2886	rBV	2274992	3087447	100.00%	19.494%
17	20.913	3031	3034	3040	rVB6	21399	31609	1.02%	0.200%
18	21.295	3094	3099	3108	rBV2	97635	176062	5.70%	1.112%
19	21.641	3151	3158	3165	rBV	612551	1064288	34.47%	6.720%
20	21.853	3189	3194	3197	rBV6	34967	61647	2.00%	0.389%
21	21.970	3201	3214	3216	rBV3	175424	519064	16.81%	3.277%
22	22.458	3292	3297	3305	rBV5	42986	91212	2.95%	0.576%
23	23.104	3402	3407	3411	rBV4	73366	148622	4.81%	0.938%
24	23.938	3543	3549	3558	rBV3	64328	137964	4.47%	0.871%
25	24.813	3687	3698	3708	rBV	367324	1109236	35.93%	7.004%
26	26.006	3895	3901	3909	rVB4	43804	122806	3.98%	0.775%

Sum of corrected areas: 15837978

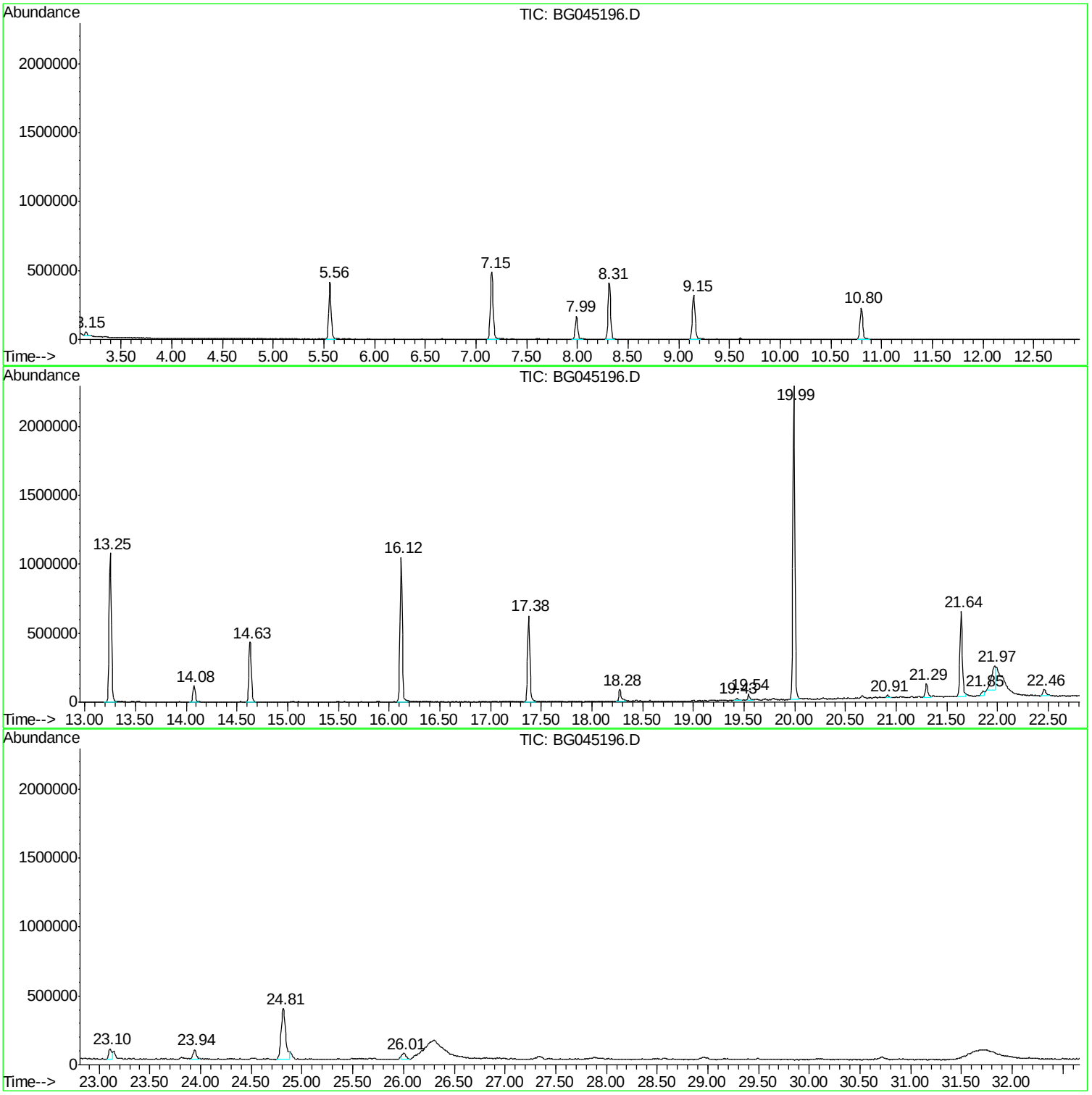
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045196.D
Acq On : 28 Apr 2020 22:13
Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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\BG042820\
Data File : BG045196.D
Acq On : 28 Apr 2020 22:13
Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

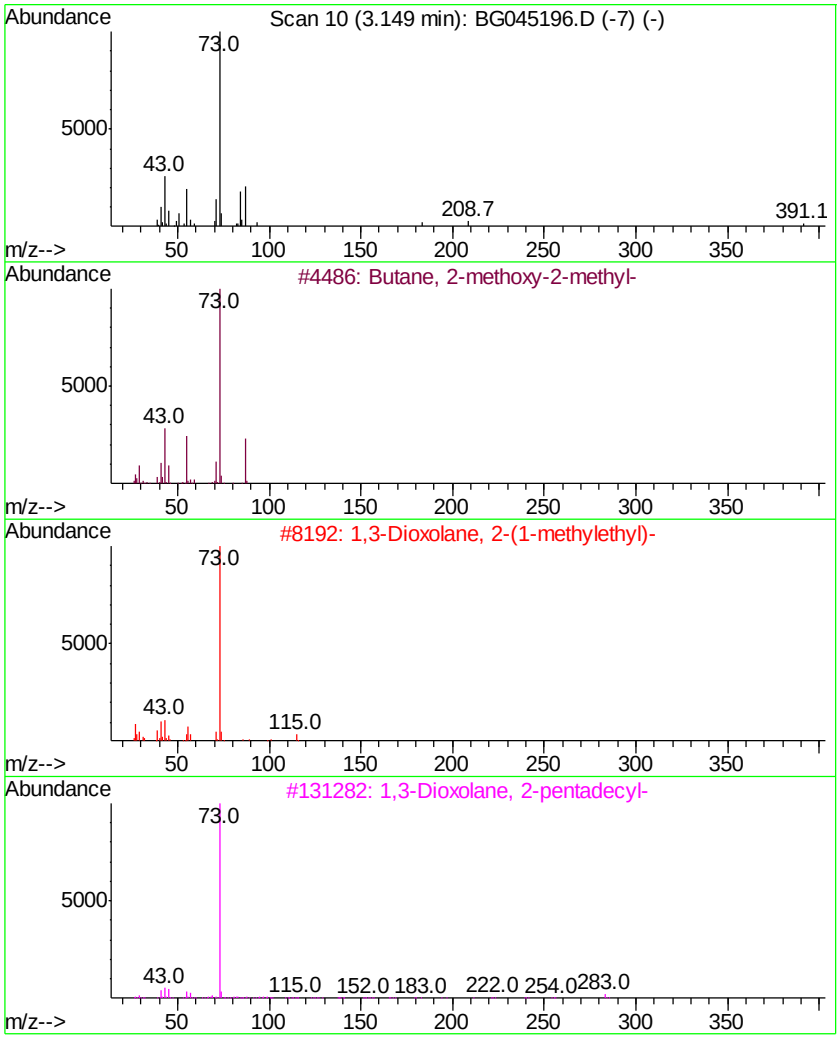
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

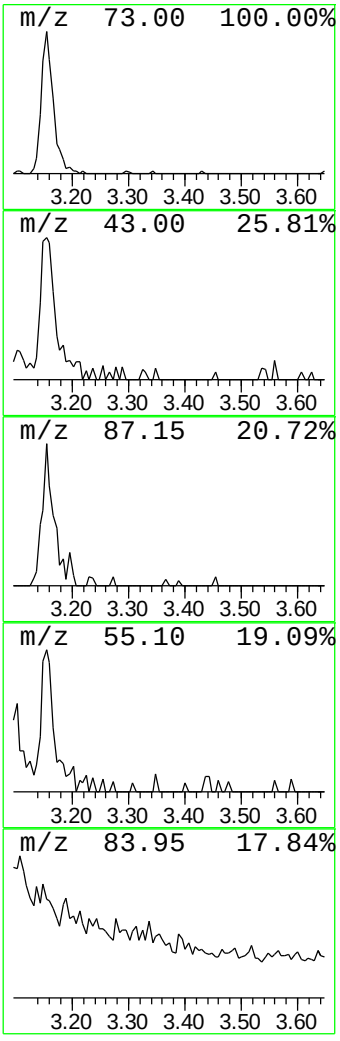
****

Peak Number 1 unknown3.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	3.40 ng	51449	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	8





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045196.D
Acq On : 28 Apr 2020 22:13
Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

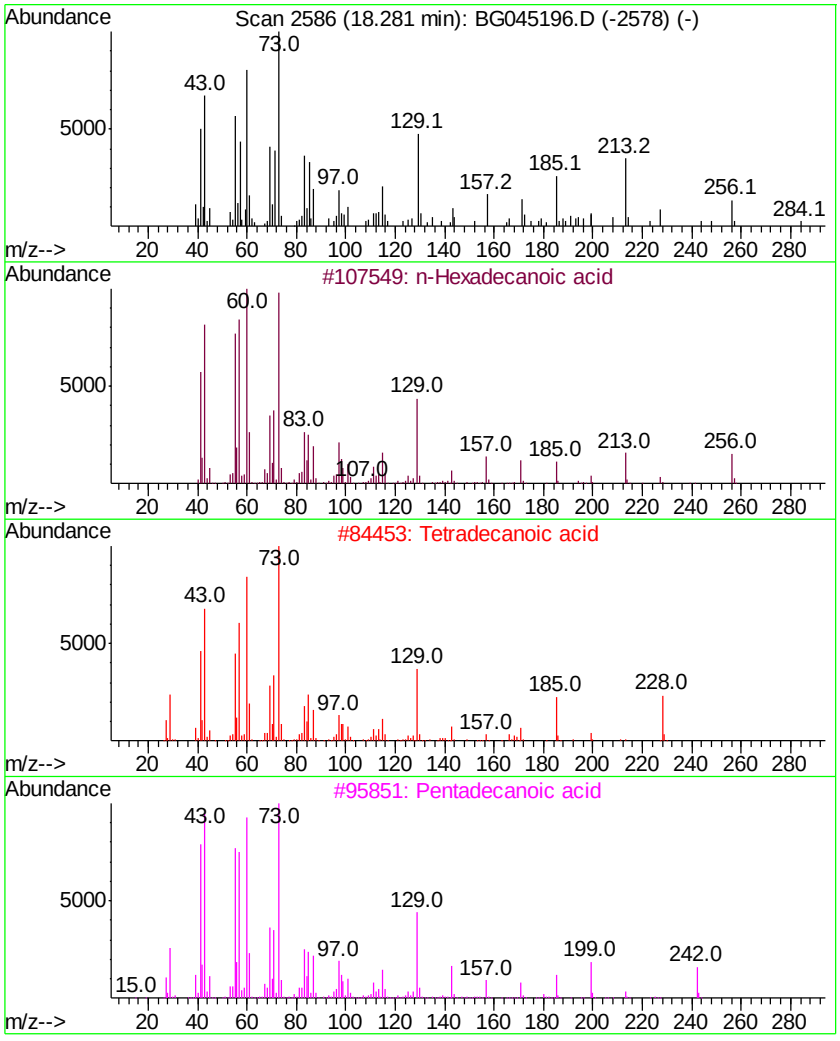
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

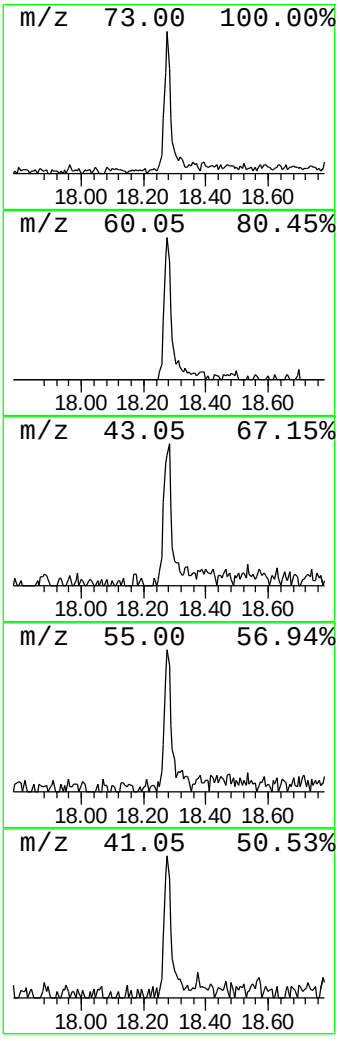
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.12 ng	157926	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045196.D
Acq On : 28 Apr 2020 22:13
Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

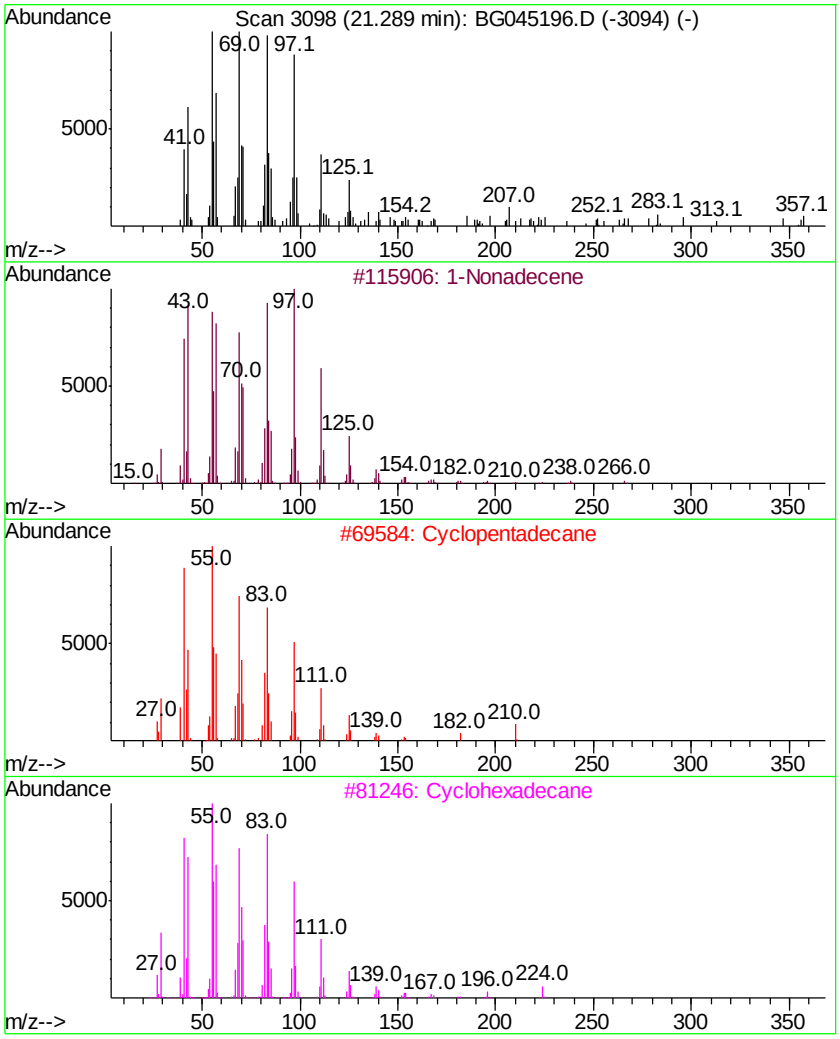
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

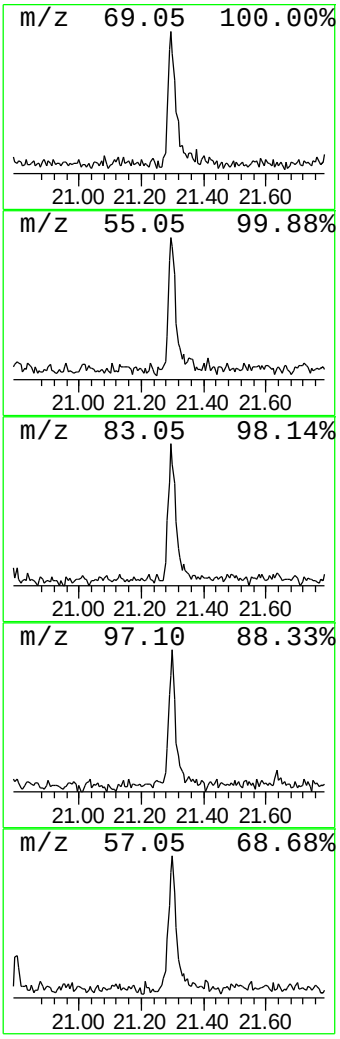
****

Peak Number 4 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.31 ng	176062	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Cyclopentadecane	210	C15H30	000295-48-7	97
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
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Acq On : 28 Apr 2020 22:13
Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

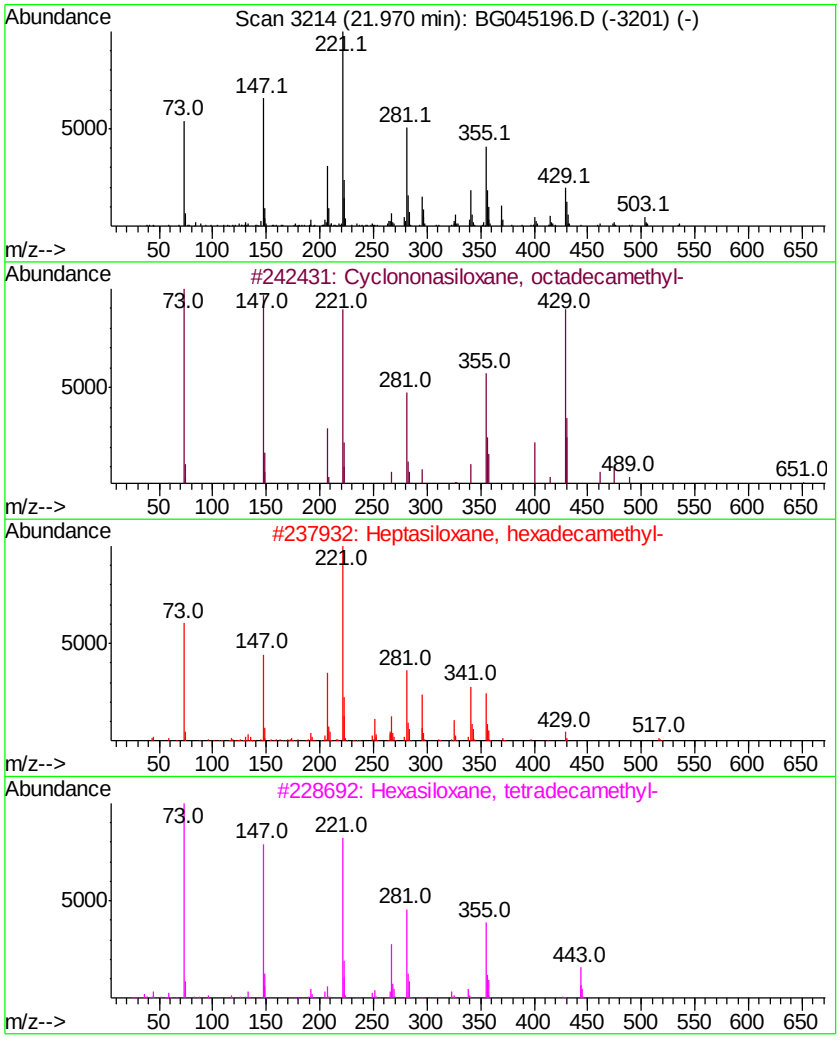
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

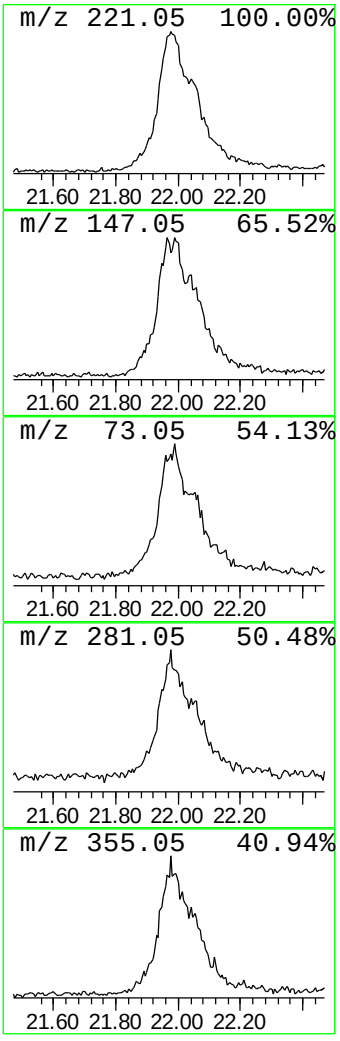
****

Peak Number 5 Cyclononasiloxane, octadeca... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	9.75 ng	519064	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	64
3	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	37
4	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	35
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
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Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

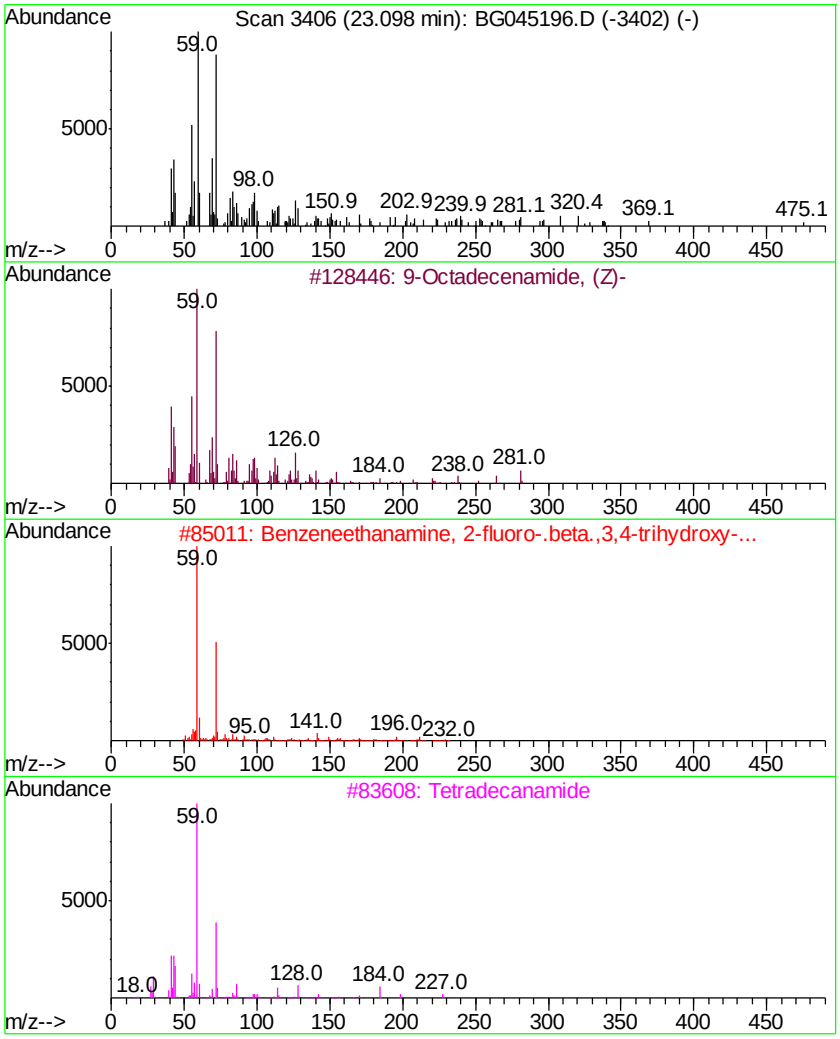
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

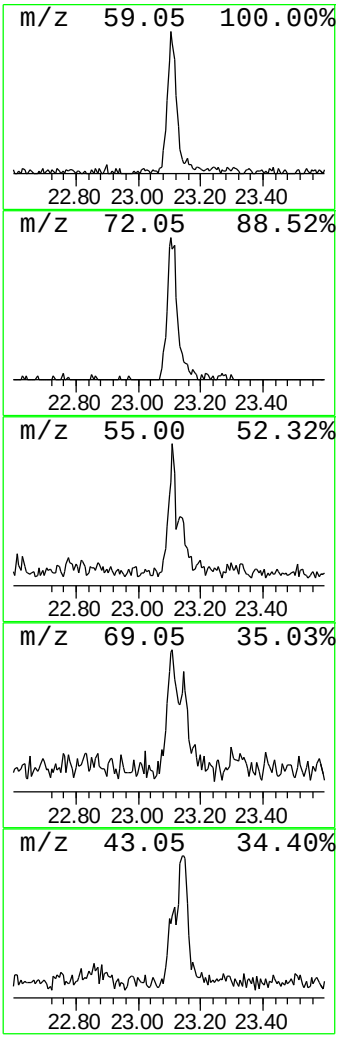
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	2.79 ng	148622	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	49
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	47
5	Dodecanamide	199	C12H25NO	001120-16-7	46





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Operator : CG/JU
Sample : L2428-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

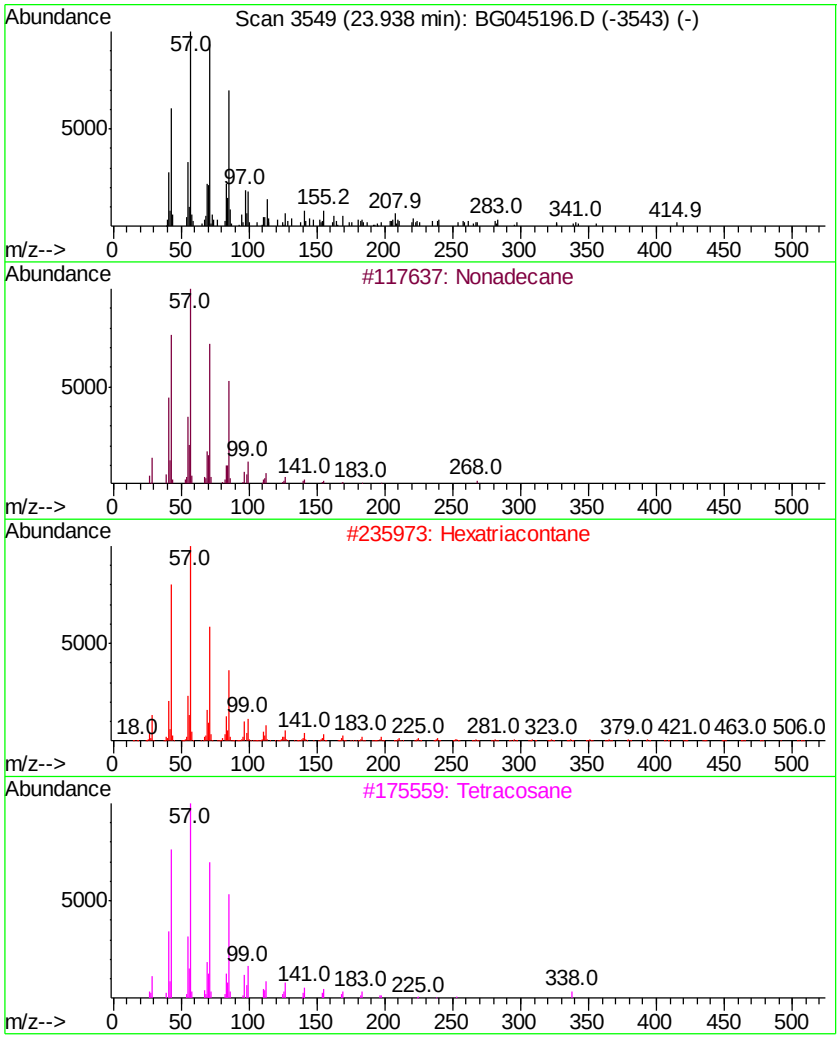
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

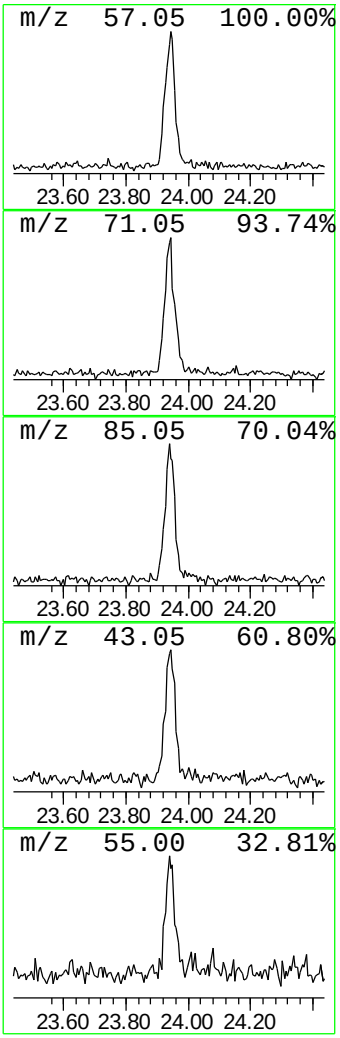
****

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.49 ng	137964	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexatriacontane	507	C36H74	000630-06-8	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	86





Library Search Compound Report

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Sample : L2428-03
Misc :
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Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

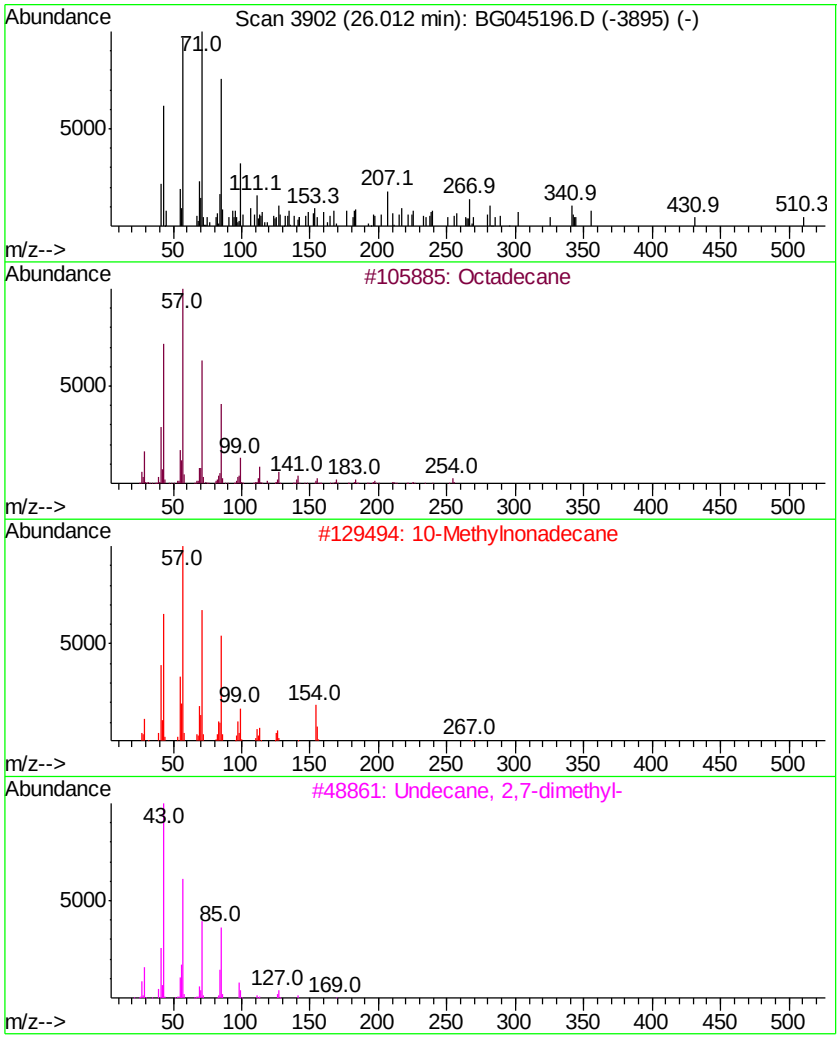
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

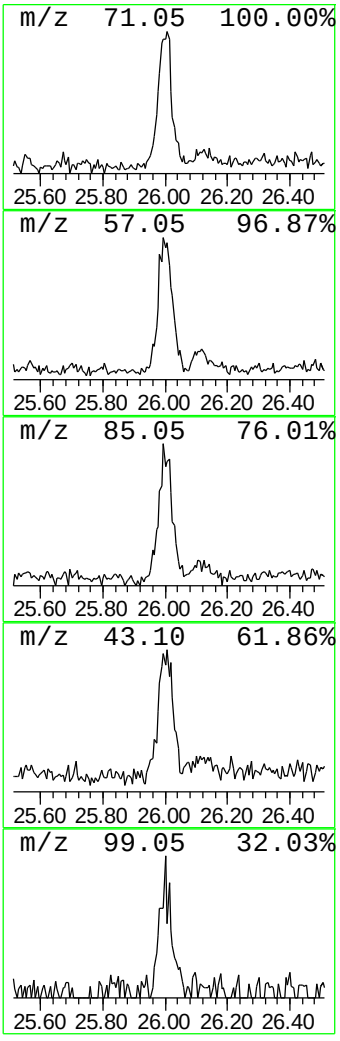
****

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	2.21 ng	122806	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	10-Methylnonadecane	282	C20H42	056862-62-5	59
3	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	59
4	Nonacosane	408	C29H60	000630-03-5	59
5	Tricosane	324	C23H48	000638-67-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042820\
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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
unknown3.15	3.15	3.4	ng	51449	1	7.99	302885	20.0
n-Hexadecanoic acid	18.28	3.1	ng	157926	4	17.38	1011900	20.0
1-Nonadecene	21.29	3.3	ng	176062	5	21.64	1064290	20.0
Cyclononasiloxane...	21.97	9.8	ng	519064	5	21.64	1064290	20.0
9-Octadecenamide,...	23.10	2.8	ng	148622	5	21.64	1064290	20.0
Nonadecane	23.94	2.5	ng	137964	6	24.81	1109240	20.0
Octadecane	26.01	2.2	ng	122806	6	24.81	1109240	20.0