LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-10

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	3.152	8	11	26	rVB	44693	86381	2.33%	0.450%
2	5.561	414	421	436	rBV	532173	1002102	27.05%	5.225%
3	7.153	685	692	704	rBV	622567	1162155	31.37%	6.059%
4	7.993	825	835	843	rBV	197900	367187	9.91%	1.914%
5	8.316	881	890	899	rBV	547156	1019472	27.52%	5.315%
6	9.144	1021	1031	1045	rBV	416089	822513	22.20%	4.289%
7	10.795	1303	1312	1325	rBV	271659	526678	14.22%	2.746%
8	13.250	1723	1730	1741	rBV	1392040	2226407	60.09%	11.608%
9	14.079	1865	1871	1880	rBV	130000	205976	5.56%	1.074%
10	14.631	1953	1965	1974	rBV	523720	936271	25.27%	4.882%
11	16.117	2210	2218	2230	rBV	1306245	2001176	54.01%	10.434%
12	17.380	2426	2433	2446	rBV	672327	1124147	30.34%	5.861%
13	18.273	2581	2585	2596	rBV	115214	183279	4.95%	0.956%
14	19.548	2797	2802	2810	rBV2	47185	72171	1.95%	0.376%
15	19.988	2871	2877	2894	rBV	2585764	3704980	100.00%	19.318%
16	21.110	3062	3068	3077	rBV	210706	317815	8.58%	1.657%
17	21.298	3094	3100	3111	rBV2	158285	298189	8.05%	1.555%
18	21.639	3151	3158	3168	rBV2	664816	1171230	31.61%	6.107%
19	21.851	3189	3194	3200	rVB5	39912	63770	1.72%	0.332%
20	22.462	3292	3298	3303	rBV4	70243	129869	3.51%	0.677%
21	23.143	3410	3414	3420	rVB2	63004	113565	3.07%	0.592%
22	23.942	3543	3550	3557	rBV2	80720	172143	4.65%	0.898%
23	24.817	3688	3699	3707	rBV	411206	1242226	33.53%	6.477%
24	26.004	3893	3901	3909	rVB4	51089	156083	4.21%	0.814%
25	27.331	4122	4127	4138	rVB7	24500	73591	1.99%	0.384%

Sum of corrected areas: 19179376

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
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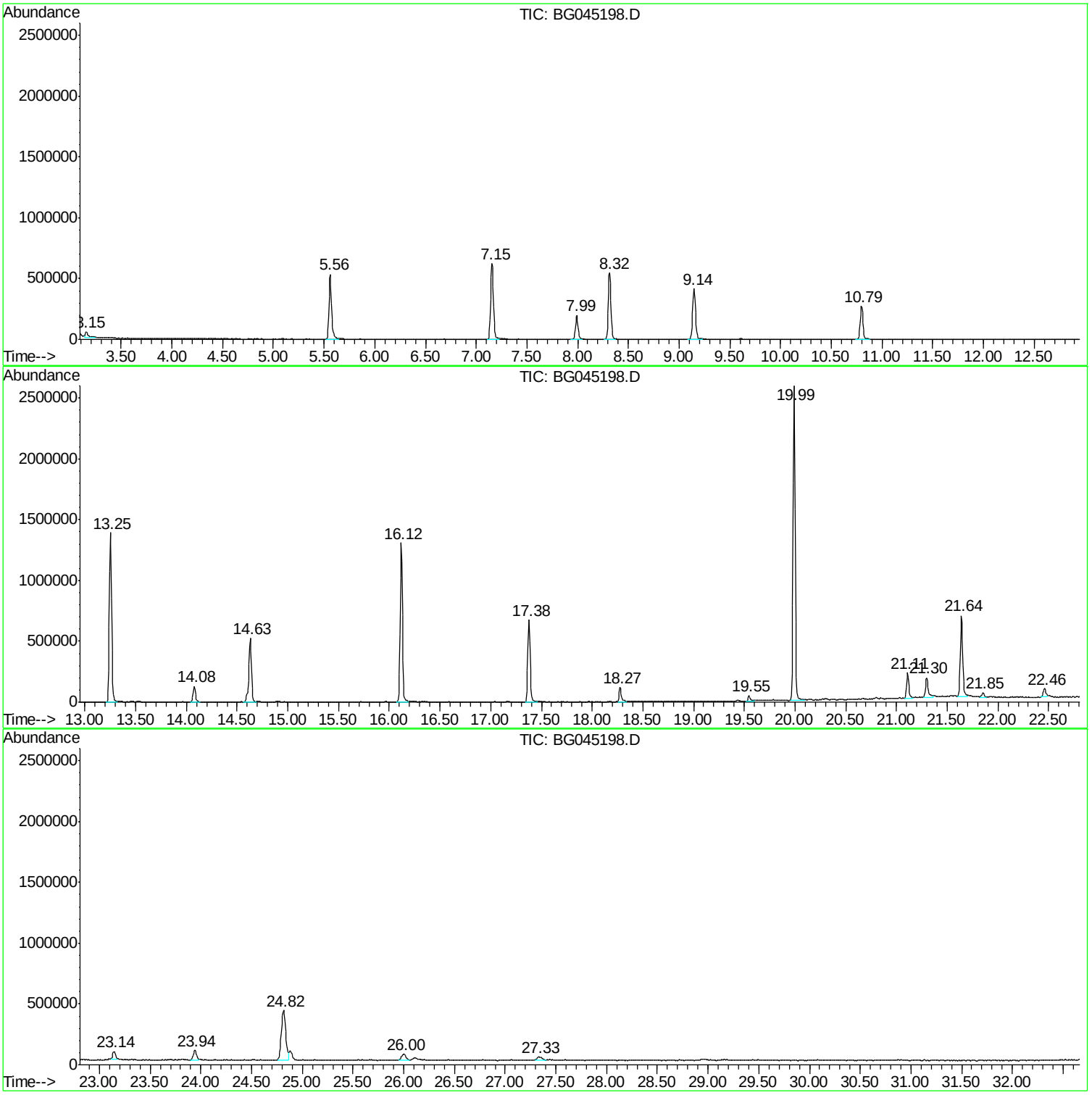
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-10

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 : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-10

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

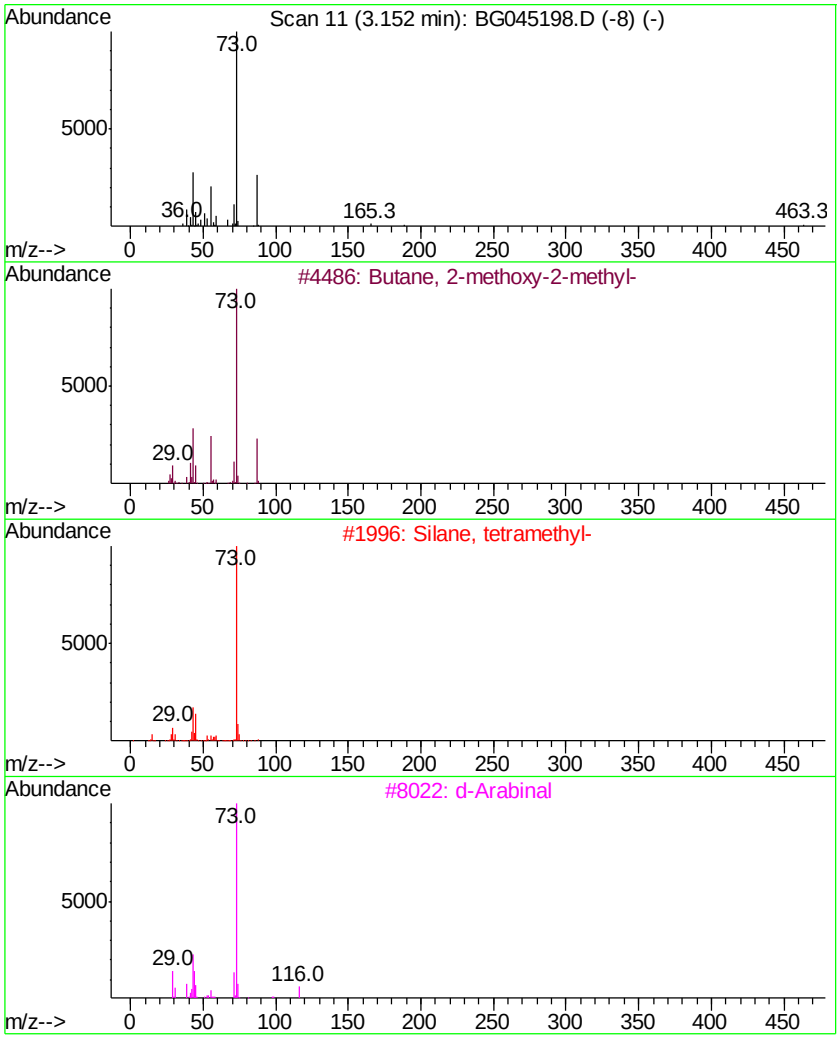
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

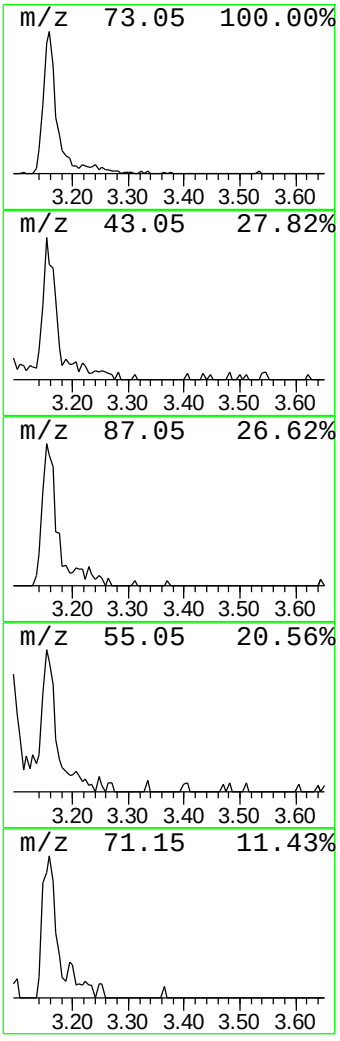
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	4.71 ng	86381	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	53
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
3	d-Arabinal	116	C5H8O3	000496-61-7	17
4	o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-10

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

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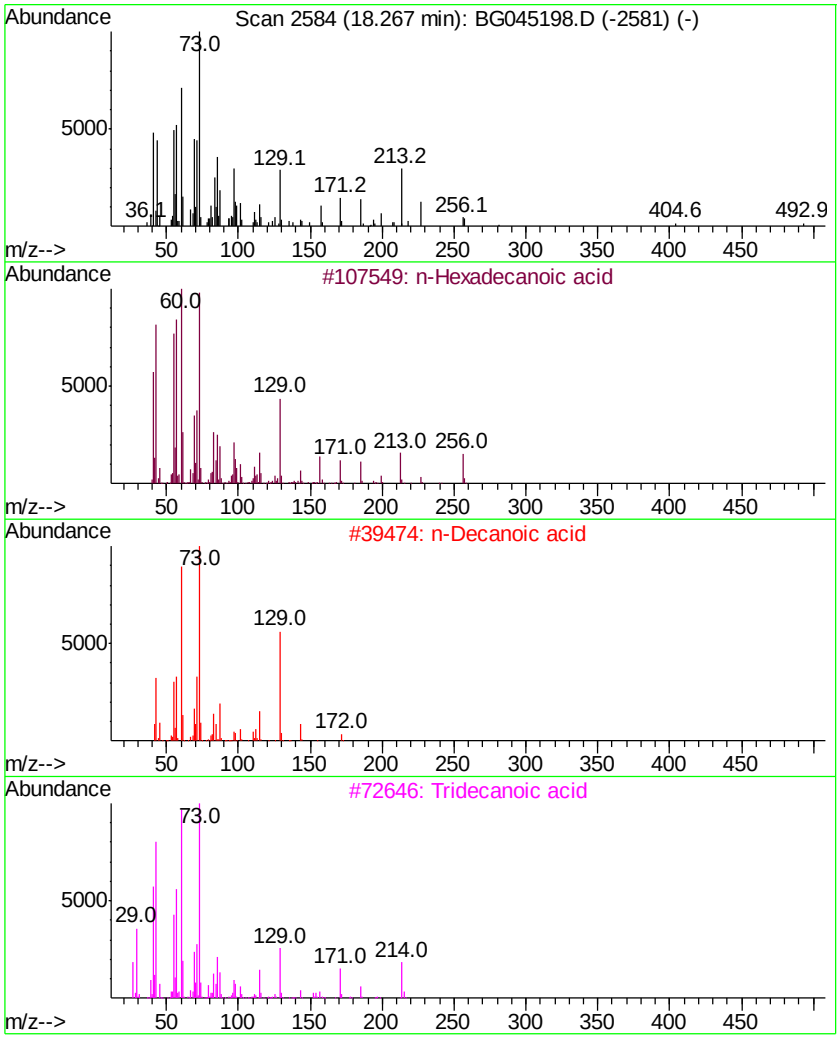
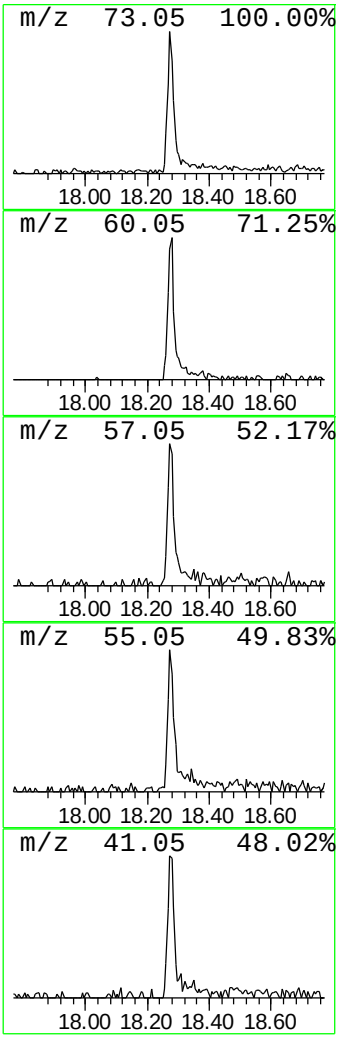
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.26 ng	183279	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-10

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

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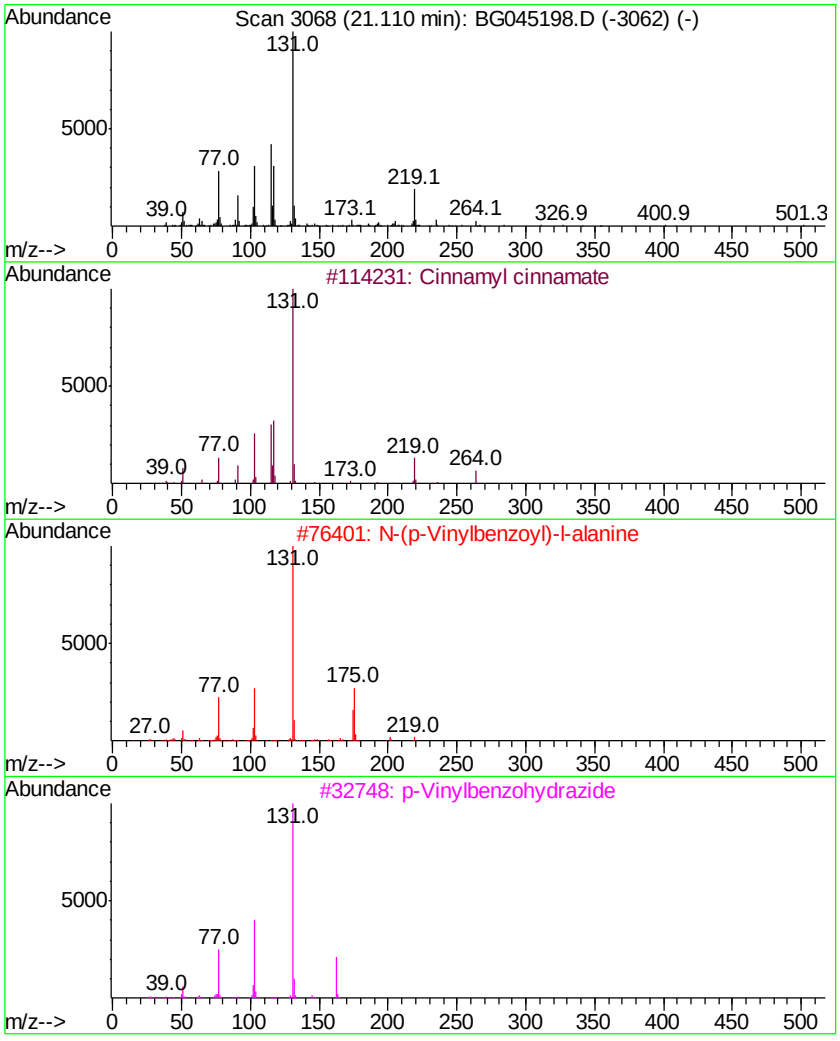
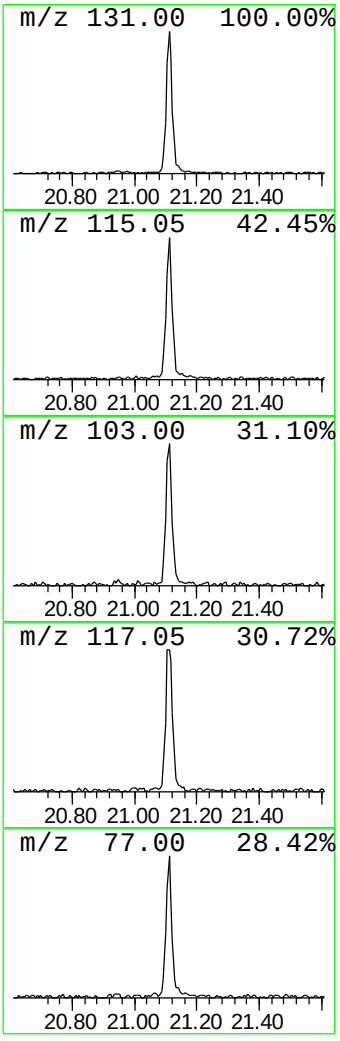
Peak Number 4 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	5.43 ng	317815	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
3	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
5	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-10

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

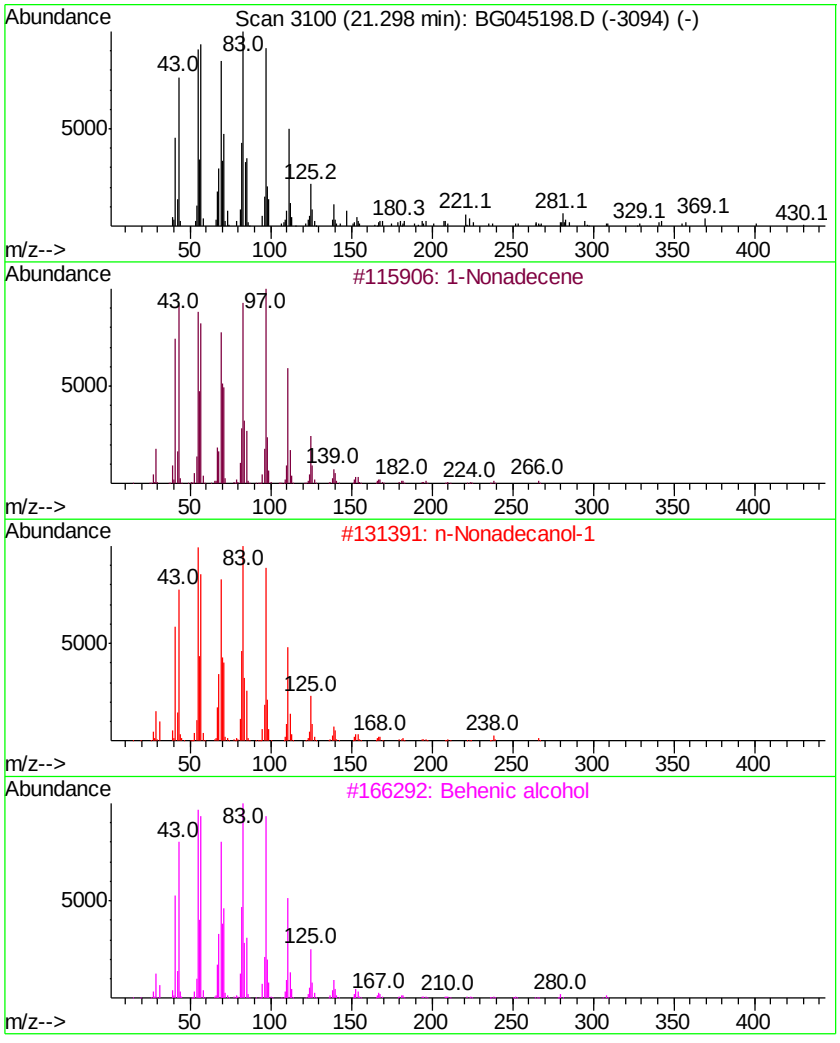
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

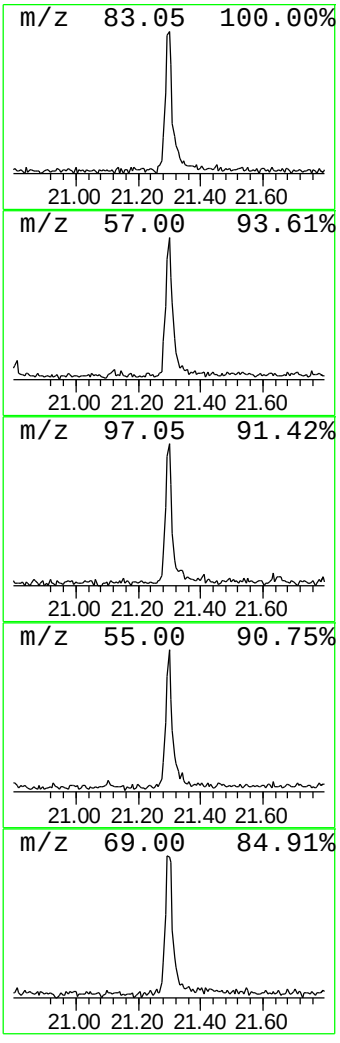
****

Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	5.09 ng	298189	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
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Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-10

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

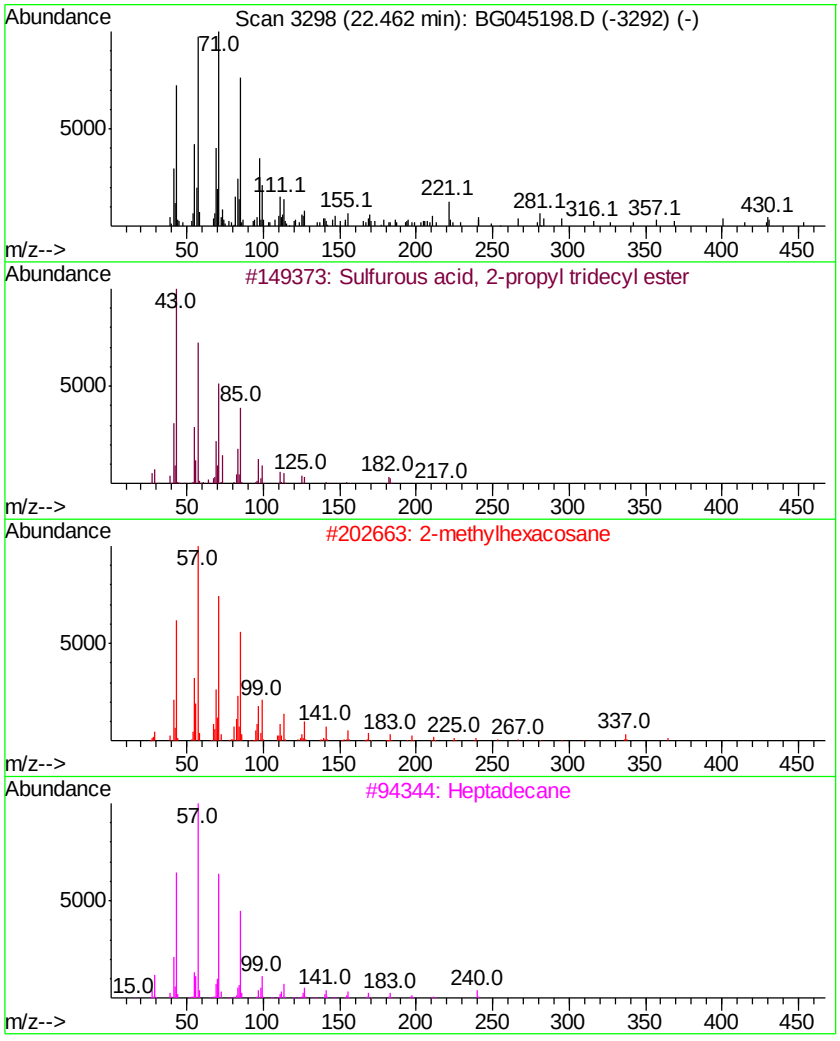
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

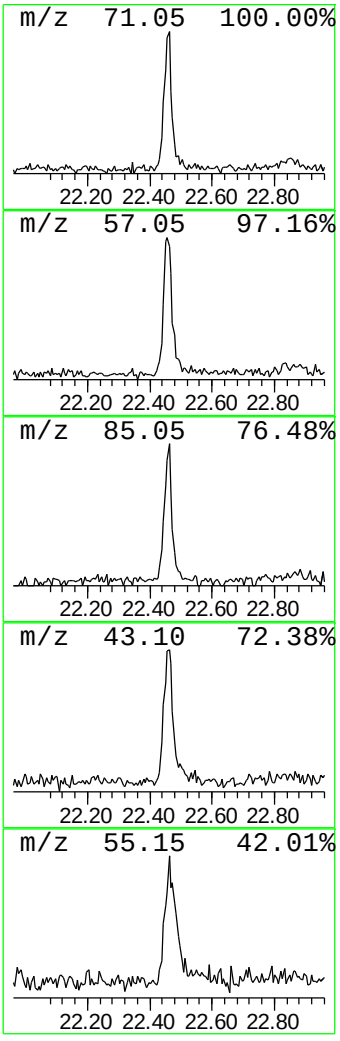
****

Peak Number 6 Sulfurous acid, 2-propyl tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.22 ng	129869	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
2	2-methylhexacosane	380	C27H56	1000376-72-7	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Dodecane	170	C12H26	000112-40-3	76





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Operator : CG/JU
Sample : L2428-07
Misc :
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Instrument : BNA_G
ClientSampleId : S-10

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

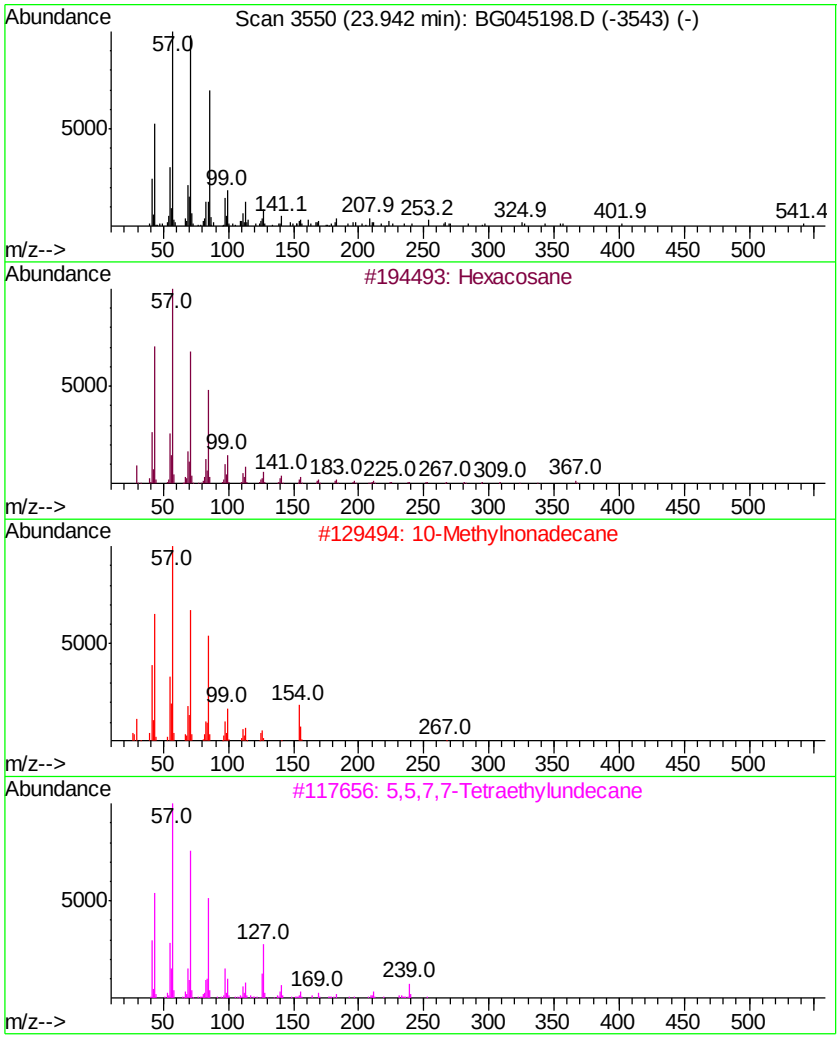
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

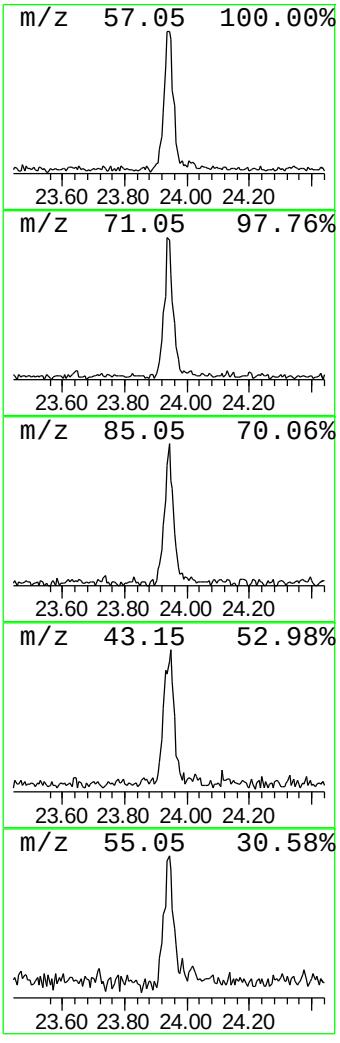
****

Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.77 ng	172143	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	91
3	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	90





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Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

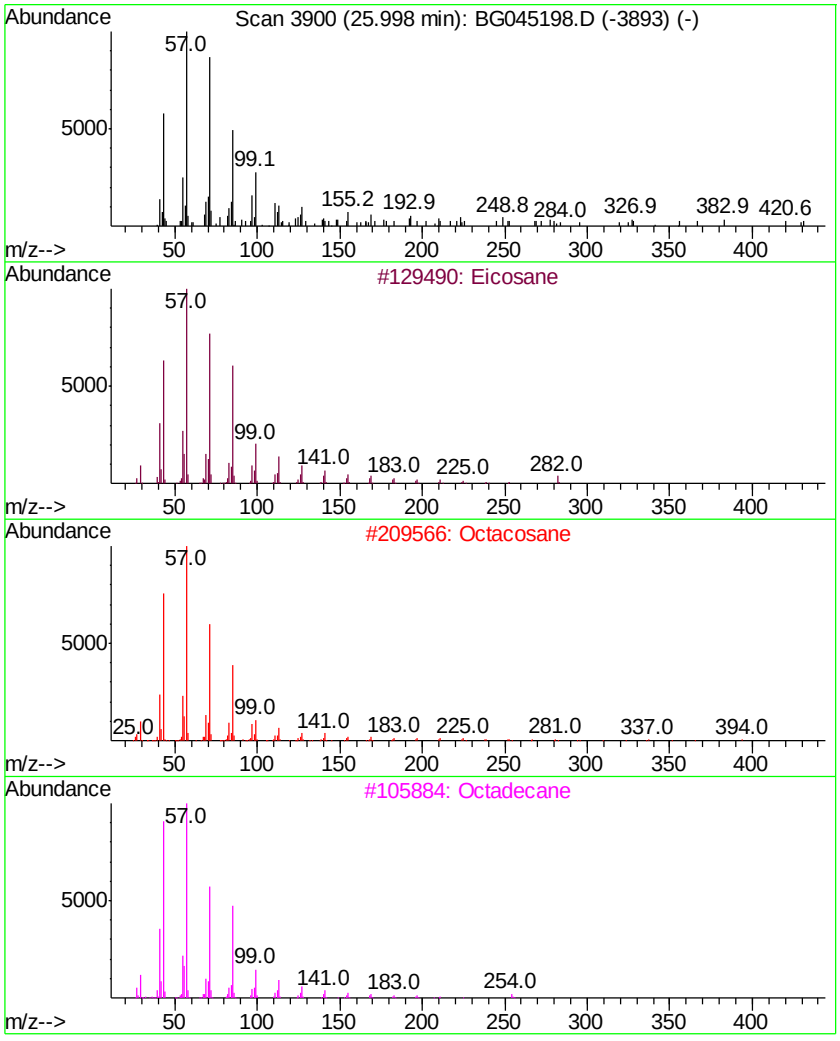
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

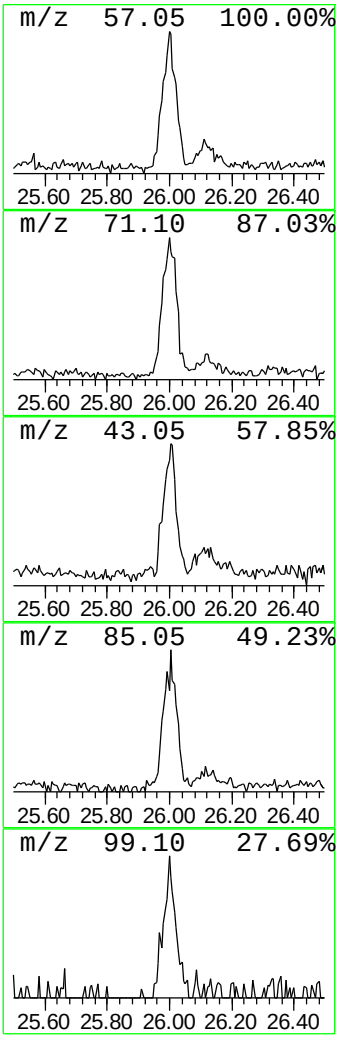
****

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.00	2.51 ng	156083	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	83
3	Octadecane	254	C18H38	000593-45-3	81
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	80
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042820\
Data File : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
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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
Butane, 2-methoxy...	3.15	4.7	ng	86381	1	7.99	367187	20.0
n-Hexadecanoic acid	18.27	3.3	ng	183279	4	17.37	1124150	20.0
Cinnamyl cinnamate	21.11	5.4	ng	317815	5	21.64	1171230	20.0
1-Nonadecene	21.30	5.1	ng	298189	5	21.64	1171230	20.0
Sulfurous acid, 2...	22.46	2.2	ng	129869	5	21.64	1171230	20.0
Hexacosane	23.94	2.8	ng	172143	6	24.82	1242230	20.0
Eicosane	26.00	2.5	ng	156083	6	24.82	1242230	20.0