LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044395.D
Acq On : 11 Feb 2020 19:13
Operator : CG/JU
Sample : L1478-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 330

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	5.002	321	326	336	rVB2	45133	72906	1.75%	0.335%
2	5.478	400	407	421	rBV	908659	1547739	37.26%	7.113%
3	7.076	670	679	691	rBV	955008	1670622	40.21%	7.678%
4	7.905	813	820	828	rBV	242986	414304	9.97%	1.904%
5	8.228	864	875	885	rBV	743992	1305413	31.42%	5.999%
6	9.056	1004	1016	1030	rBV	553999	1042563	25.10%	4.791%
7	10.701	1285	1296	1307	rBV	318382	606036	14.59%	2.785%
8	13.163	1708	1715	1729	rBV	1555017	2475537	59.59%	11.377%
9	13.451	1759	1764	1778	rBV5	15377	48890	1.18%	0.225%
10	13.992	1848	1856	1868	rBV	69846	109618	2.64%	0.504%
11	14.538	1942	1949	1964	rBV	576617	939820	22.62%	4.319%
12	16.031	2196	2203	2223	rBV	1210058	1982138	47.71%	9.109%
13	17.288	2409	2417	2429	rBV	778116	1239192	29.83%	5.695%
14	19.902	2856	2862	2873	rBV	3175589	4154401	100.00%	19.093%
15	21.201	3077	3083	3103	rBV2	112123	233710	5.63%	1.074%
16	21.436	3114	3123	3129	rVB	55703	90594	2.18%	0.416%
17	21.530	3132	3139	3157	rVB	849959	1377466	33.16%	6.330%
18	21.736	3169	3174	3179	rBV	67319	91036	2.19%	0.418%
19	22.323	3269	3274	3282	rBV2	91183	144870	3.49%	0.666%
20	22.993	3381	3388	3397	rVB	97476	184750	4.45%	0.849%
21	23.763	3512	3519	3527	rVB2	98932	203665	4.90%	0.936%
22	24.615	3653	3664	3681	rBV2	496993	1575470	37.92%	7.240%
23	25.743	3848	3856	3867	rVB4	61724	173197	4.17%	0.796%
24	27.029	4071	4075	4088	rVB4	26672	75319	1.81%	0.346%

Sum of corrected areas: 21759256

LSC Report - Integrated Chromatogram

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Misc :
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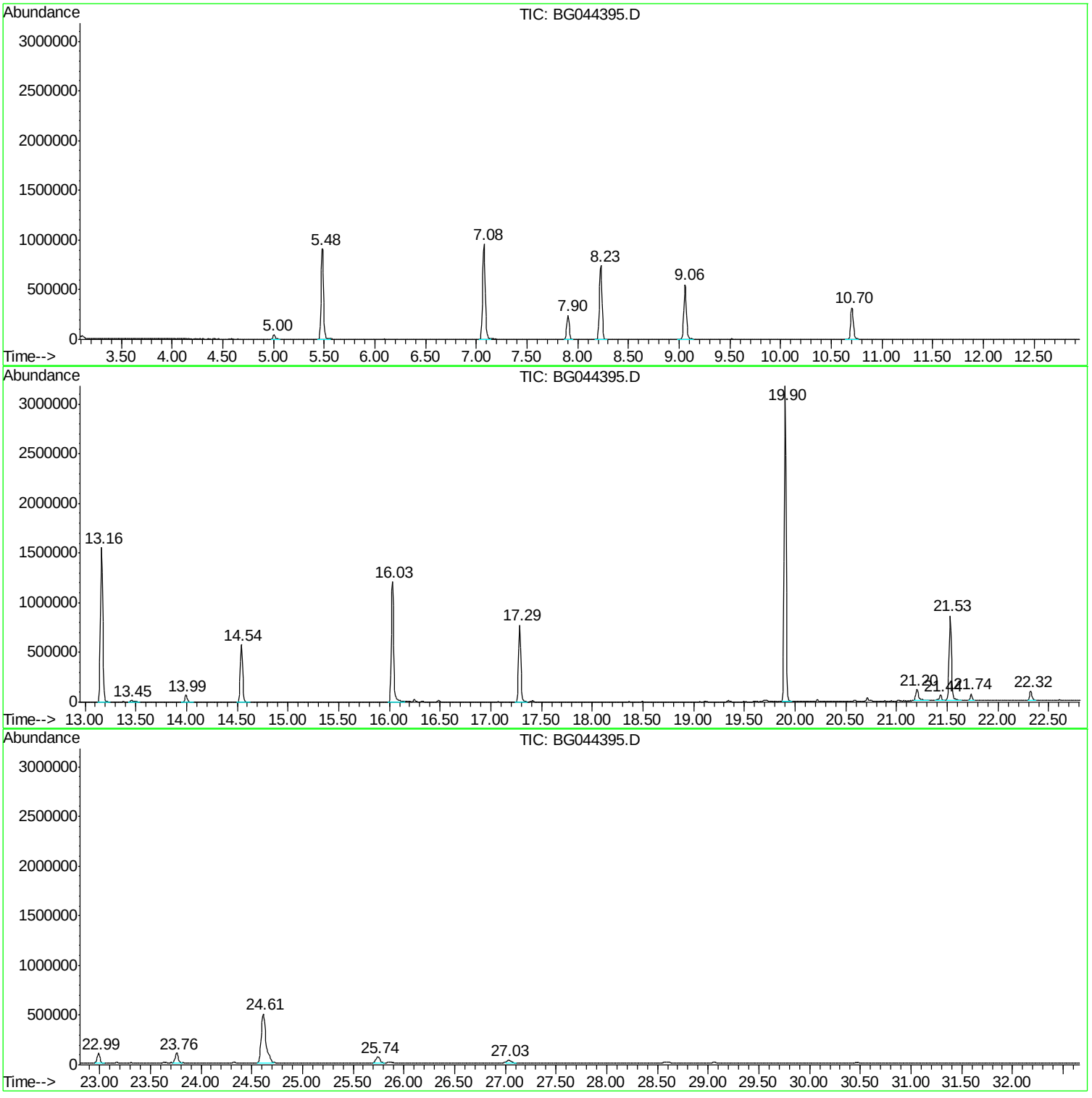
Instrument : BNA_G
ClientSampleId : 330

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\BG021120\
Data File : BG044395.D
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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 330

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

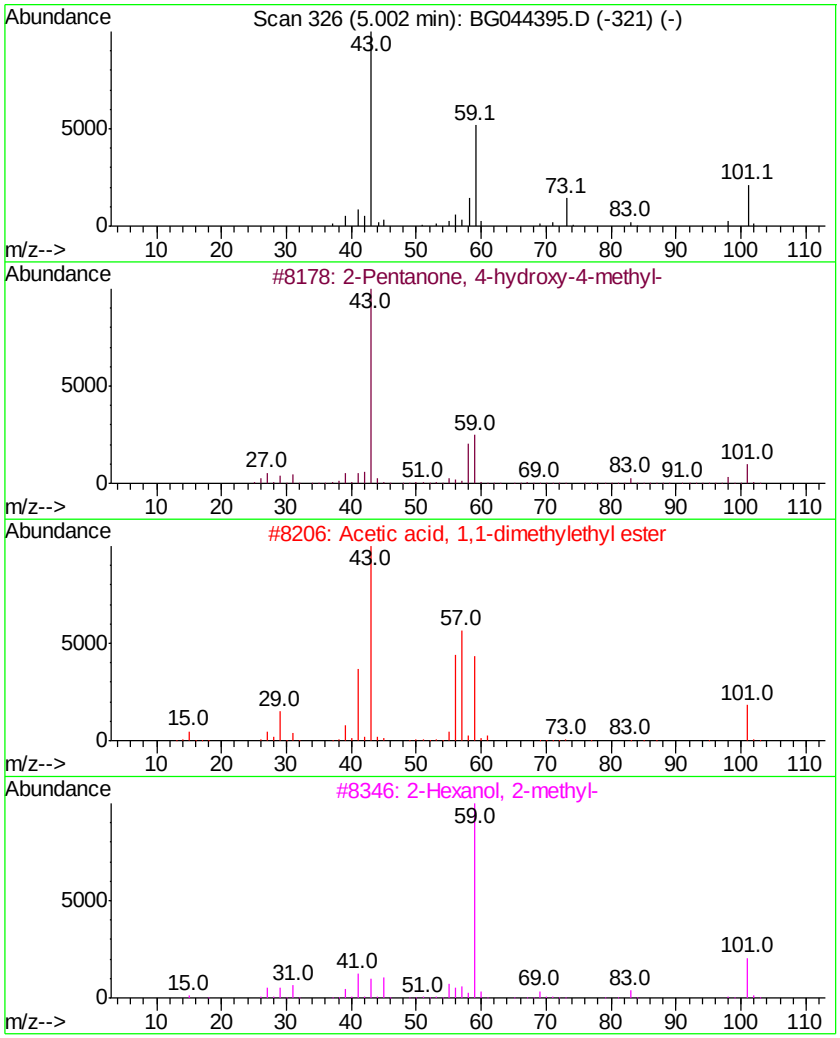
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

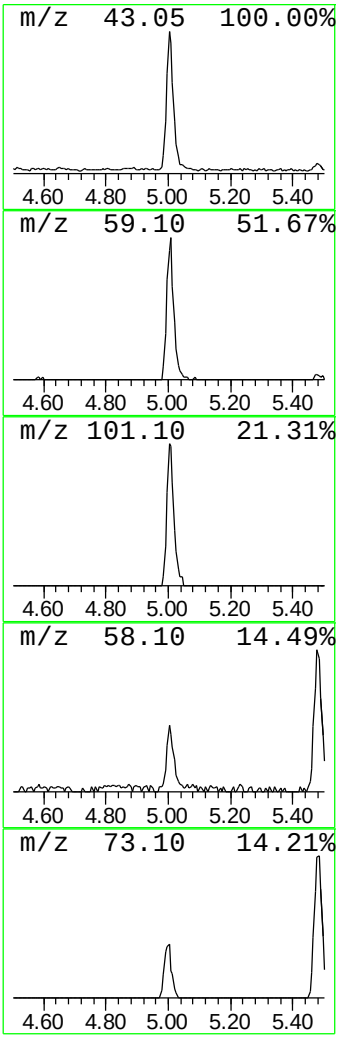
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.52 ng	72906	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	12





Library Search Compound Report

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Data File : BG044395.D
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Operator : CG/JU
Sample : L1478-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 330

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

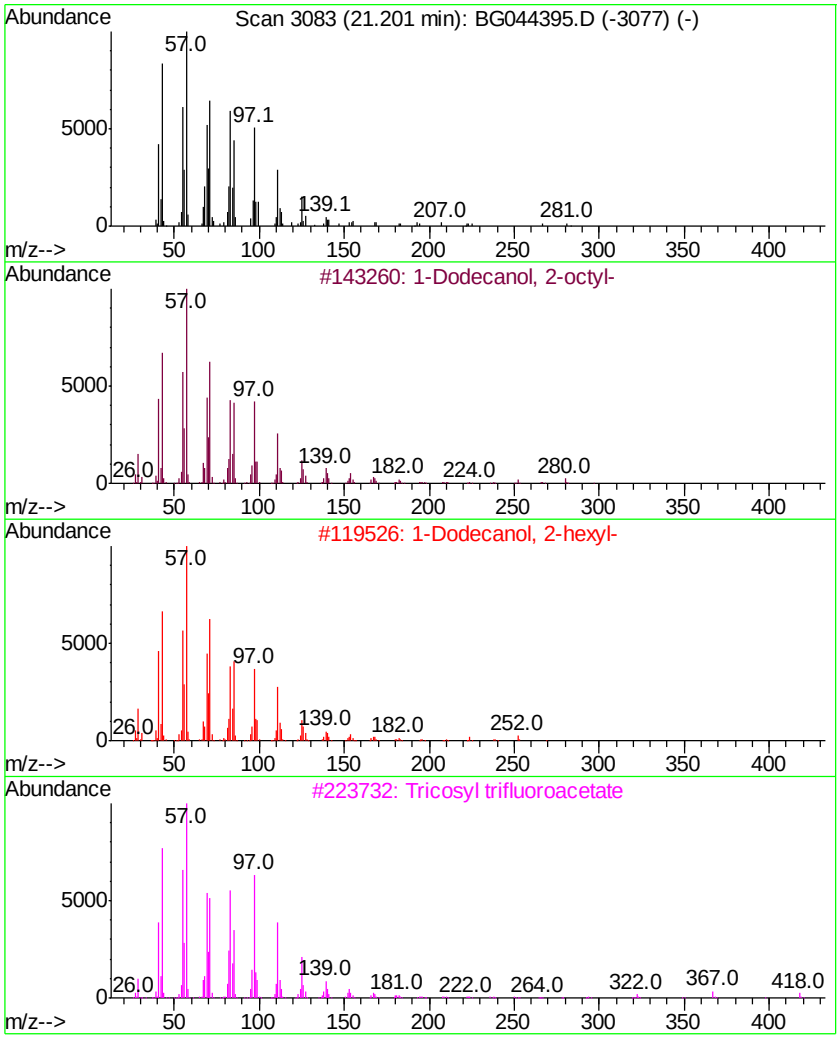
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

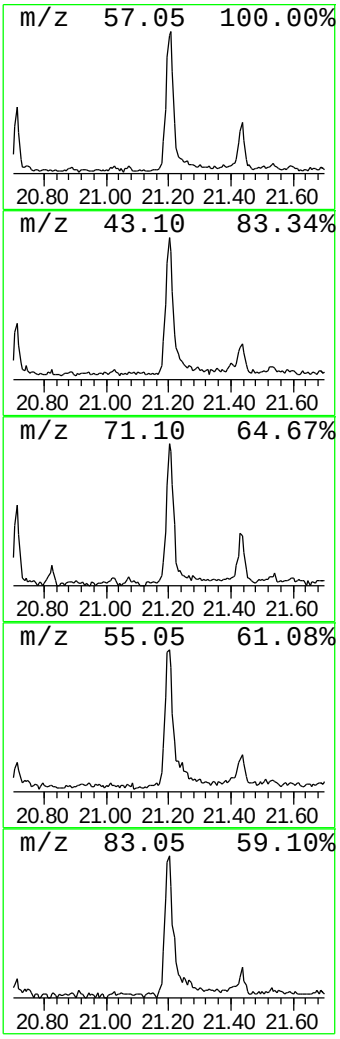
****

Peak Number 3 1-Dodecanol, 2-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	3.39 ng	233710	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044395.D
Acq On : 11 Feb 2020 19:13
Operator : CG/JU
Sample : L1478-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 330

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

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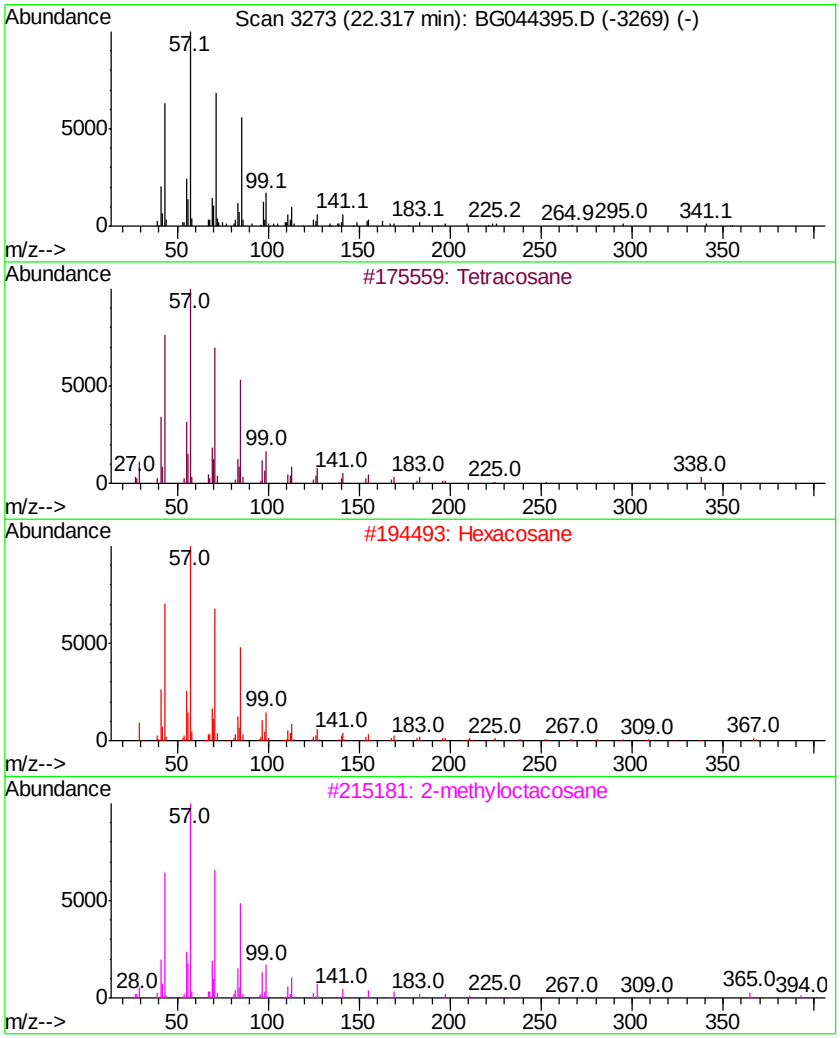
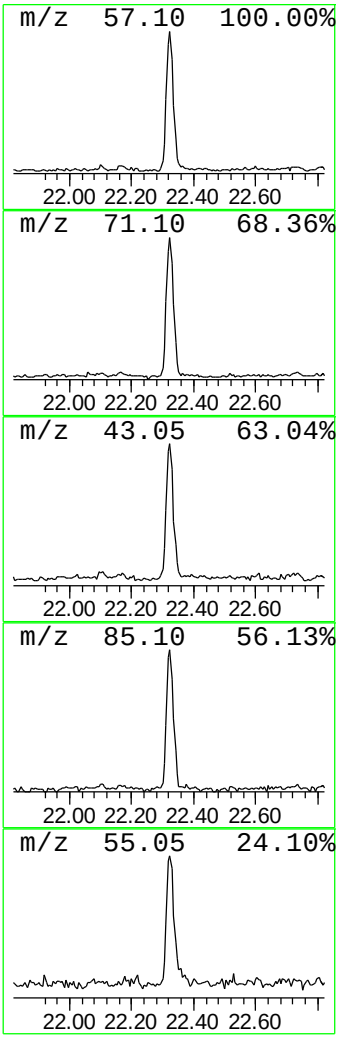
Peak Number 4 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.10 ng	144870	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Library Search Compound Report

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Operator : CG/JU
Sample : L1478-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 330

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
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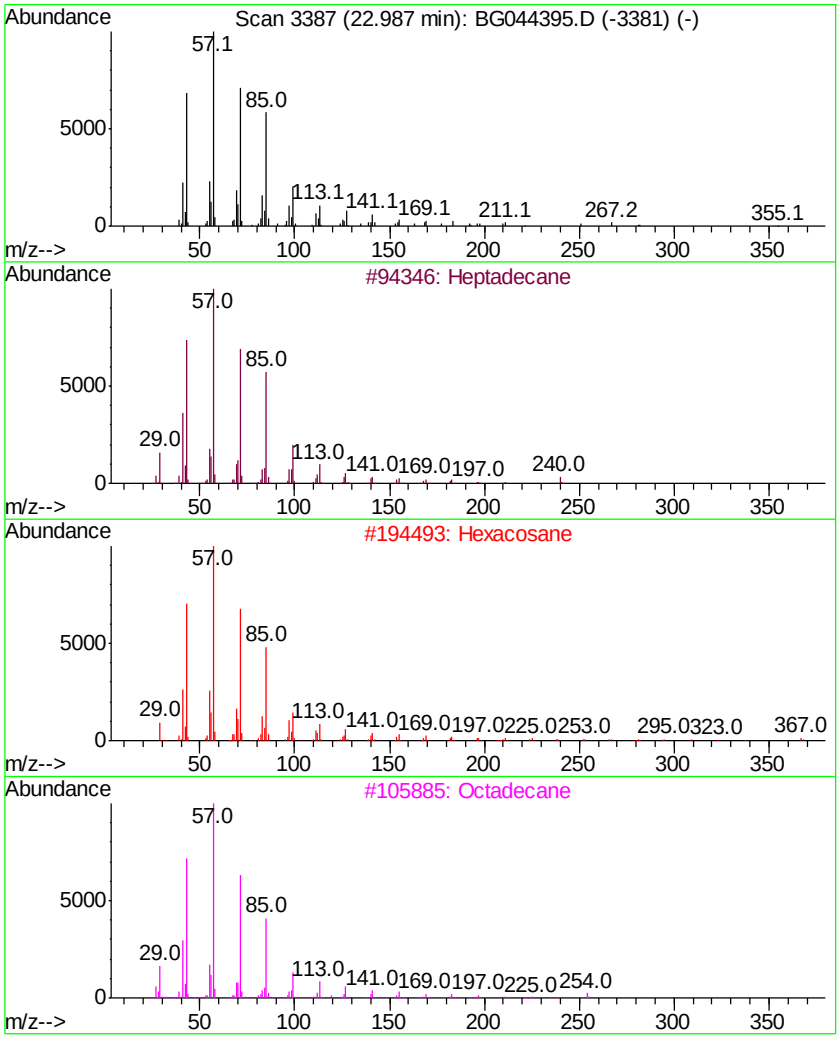
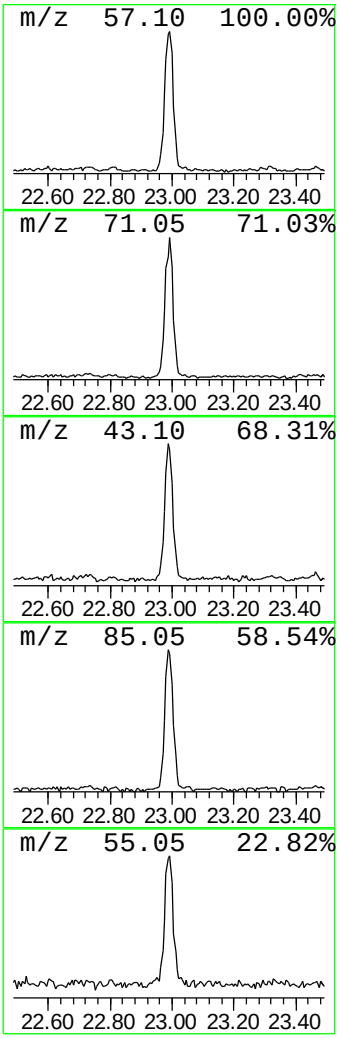
****

Peak Number 5 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.68 ng	184750	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane	254	C18H38	000593-45-3	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Docosane	310	C22H46	000629-97-0	83





Library Search Compound Report

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Operator : CG/JU
Sample : L1478-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 330

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

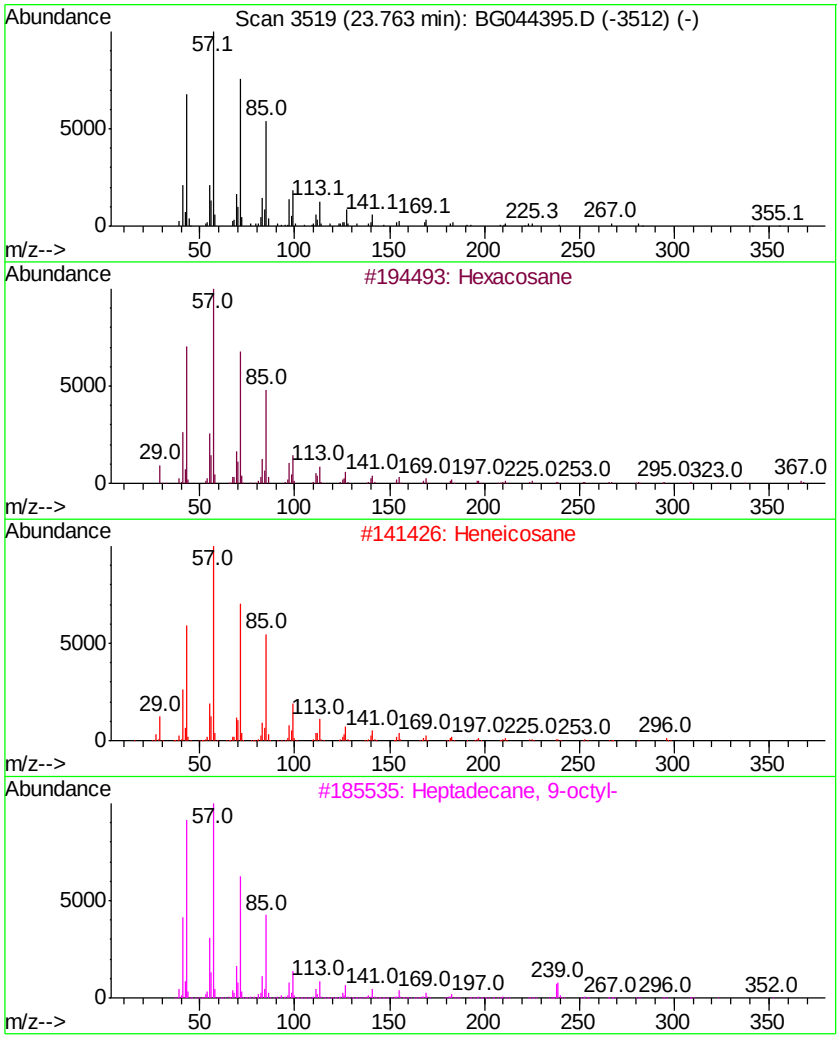
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

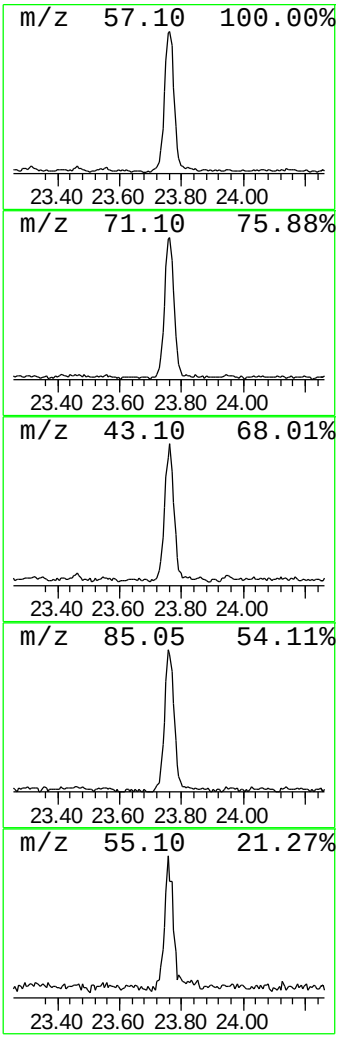
****

Peak Number 6 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.59 ng	203665	Perylene-d12	24.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
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Instrument : BNA_G
ClientSampleId : 330

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

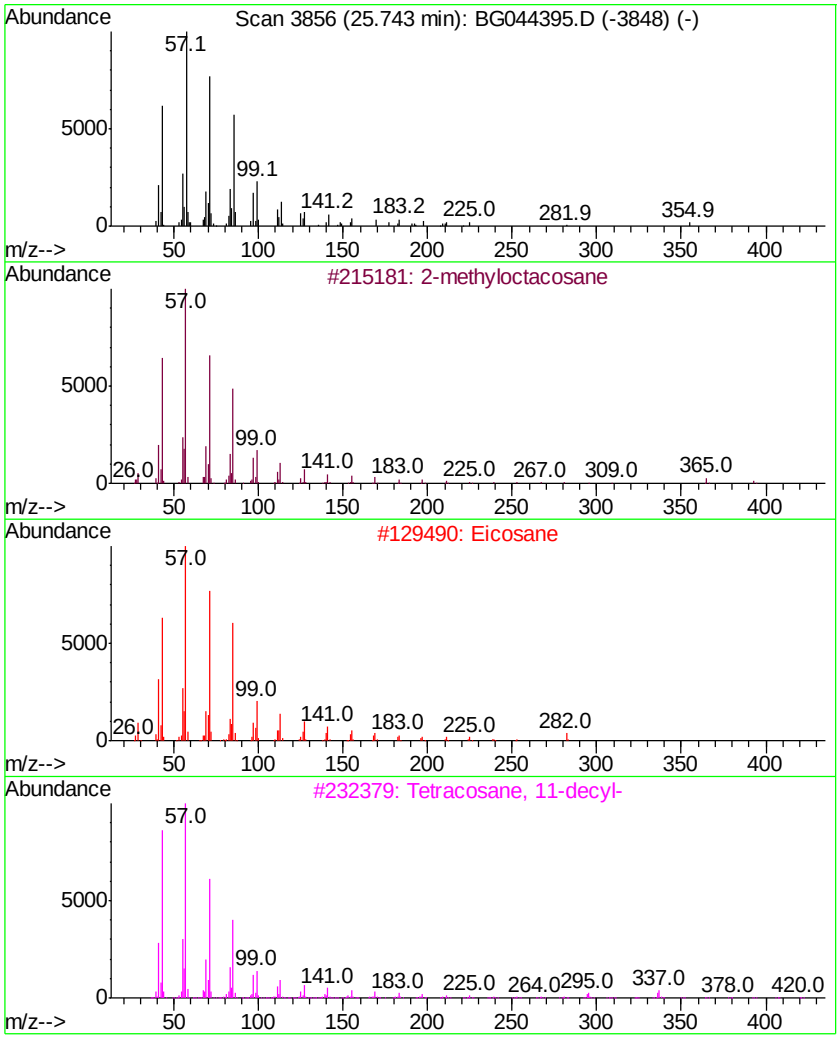
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

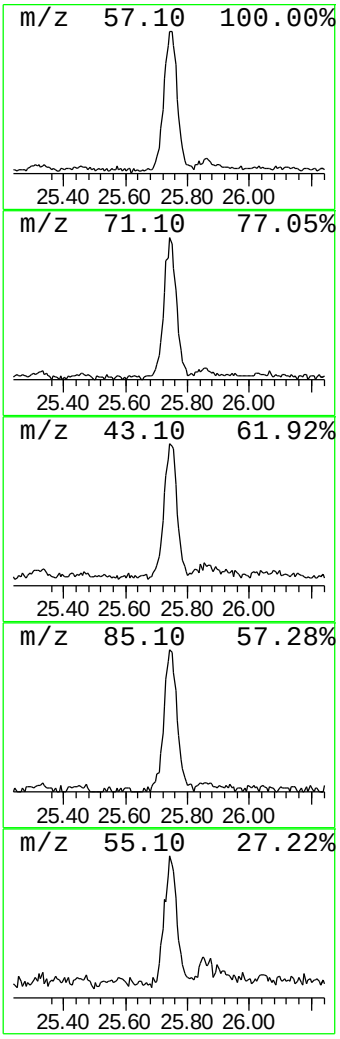
****

Peak Number 7 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	2.20 ng	173197	Perylene-d12	24.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.5	ng	72906	1	7.90	414304	20.0
1-Dodecanol, 2-oc...	21.20	3.4	ng	233710	5	21.53	1377470	20.0
Tetracosane	22.32	2.1	ng	144870	5	21.53	1377470	20.0
Heptadecane	22.99	2.7	ng	184750	5	21.53	1377470	20.0
Hexacosane	23.76	2.6	ng	203665	6	24.61	1575470	20.0
2-methyloctacosane	25.74	2.2	ng	173197	6	24.61	1575470	20.0