LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

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-BG123019.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	5.034	325	331	344	rVB	86585	136891	2.53%	0.465%
2	5.510	405	412	421	rBV	518515	852763	15.76%	2.894%
3	7.103	675	683	702	rVB	329303	660043	12.20%	2.240%
4	7.467	737	745	755	rBV	1123388	1966184	36.34%	6.673%
5	7.931	817	824	832	rVB	268768	442712	8.18%	1.502%
6	8.254	871	879	889	rBV	1067171	1859056	34.36%	6.309%
7	9.089	1011	1021	1034	rBV	845092	1564333	28.91%	5.309%
8	10.734	1291	1301	1313	rBV	359286	678074	12.53%	2.301%
9	12.073	1523	1529	1539	rVB	83416	146934	2.72%	0.499%
10	13.190	1712	1719	1736	rBV	2379299	3879481	71.70%	13.166%
11	14.018	1854	1860	1872	rBV	96295	152657	2.82%	0.518%
12	14.565	1946	1953	1960	rBV2	633608	1035217	19.13%	3.513%
13	16.057	2199	2207	2222	rBV	2043541	3232781	59.75%	10.971%
14	17.308	2413	2420	2432	rBV	777631	1252536	23.15%	4.251%
15	19.717	2823	2830	2833	rBV2	62269	82006	1.52%	0.278%
16	19.929	2859	2866	2879	rBV	3837719	5410879	100.00%	18.364%
17	20.246	2916	2920	2924	rVB	64536	78125	1.44%	0.265%
18	20.740	2999	3004	3007	rBV2	77146	89063	1.65%	0.302%
19	21.233	3082	3088	3100	rBV	217873	419823	7.76%	1.425%
20	21.462	3123	3127	3134	rVB	95367	127198	2.35%	0.432%
21	21.556	3136	3143	3152	rBV2	753710	1293350	23.90%	4.389%
22	21.768	3174	3179	3188	rVB	168715	245560	4.54%	0.833%
23	22.361	3275	3280	3287	rBV	213270	345211	6.38%	1.172%
24	22.720	3336	3341	3346	rVB3	49807	82104	1.52%	0.279%
25	23.037	3388	3395	3402	rVB	254565	465739	8.61%	1.581%
26	23.812	3520	3527	3539	rBV	249910	527823	9.75%	1.791%
27	24.664	3662	3672	3679	rBV2	469573	1336616	24.70%	4.536%
28	24.735	3679	3684	3694	rVB	200662	485460	8.97%	1.648%
29	25.822	3860	3869	3881	rBV2	136425	409993	7.58%	1.391%
30	27.126	4084	4091	4101	rVB3	63409	206688	3.82%	0.701%

Sum of corrected areas: 29465300

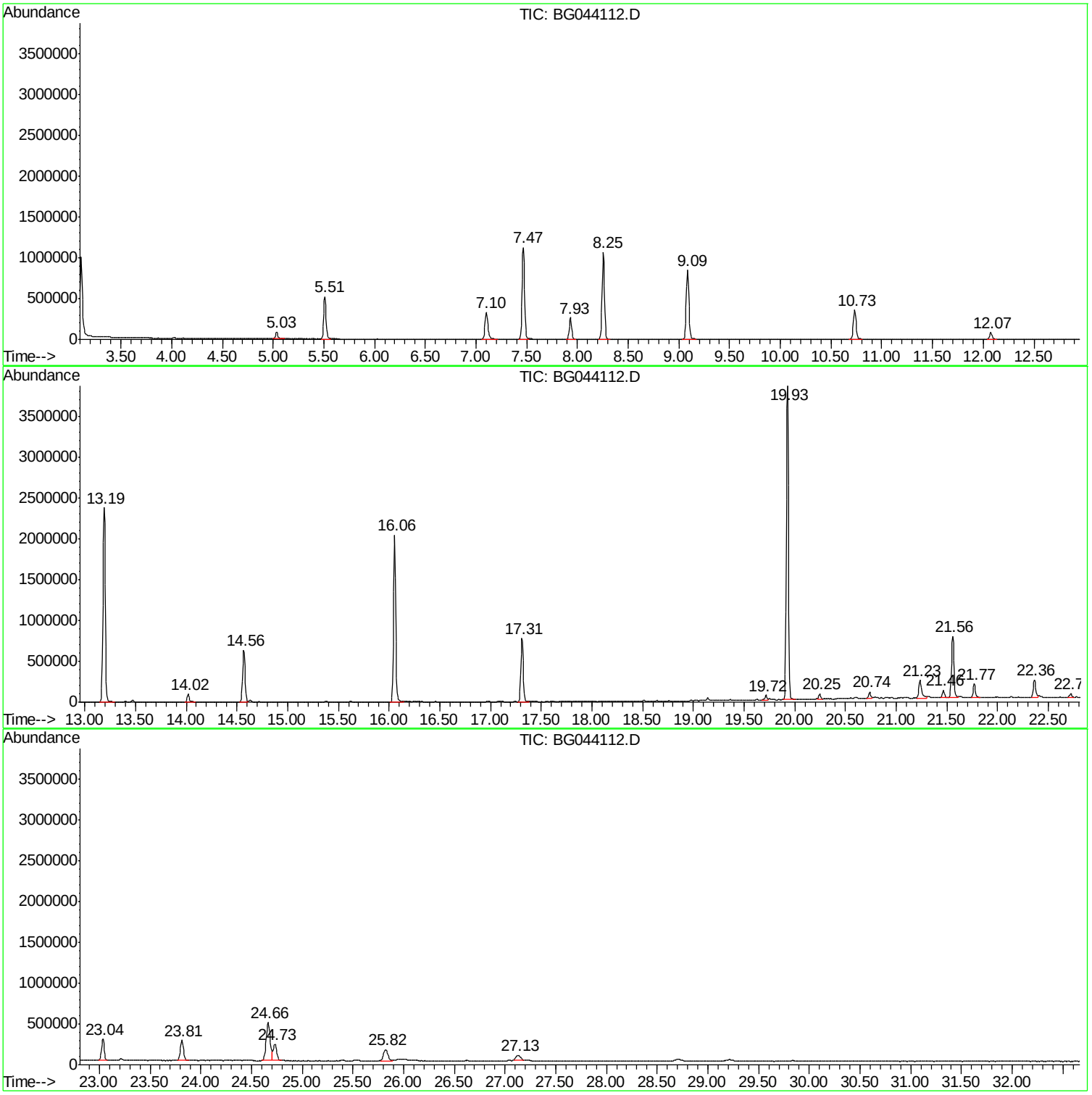
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

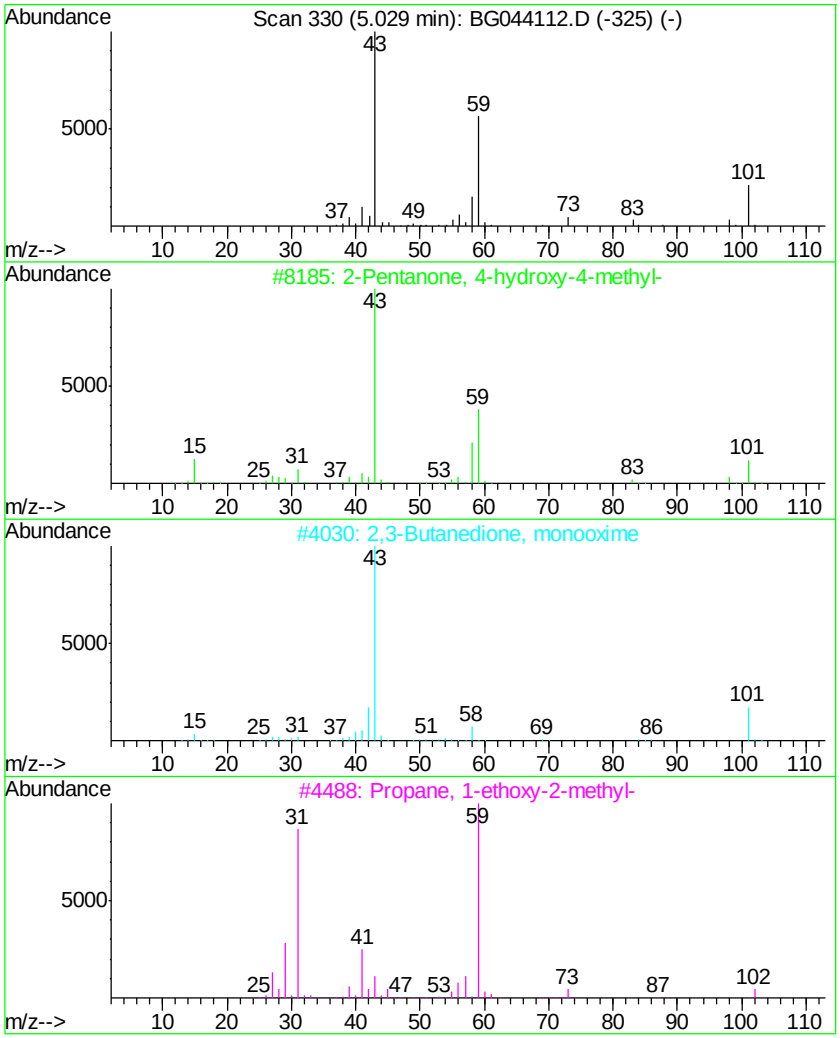
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

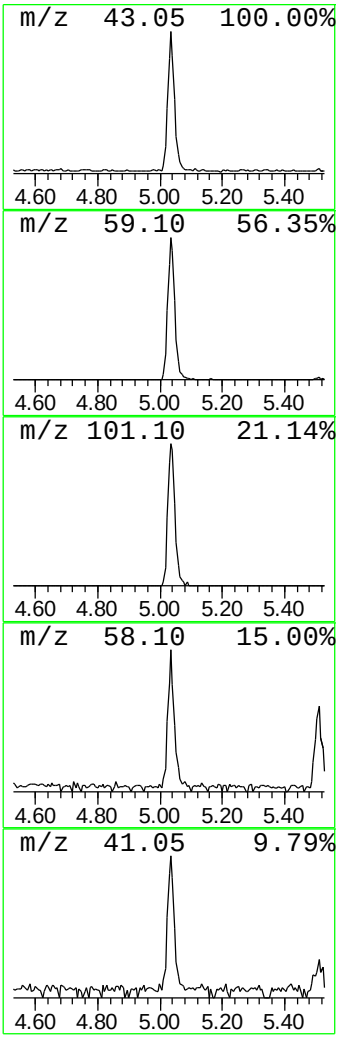
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.18 ng	136891	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4	Hexanamide	115	C6H13NO	000628-02-4	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

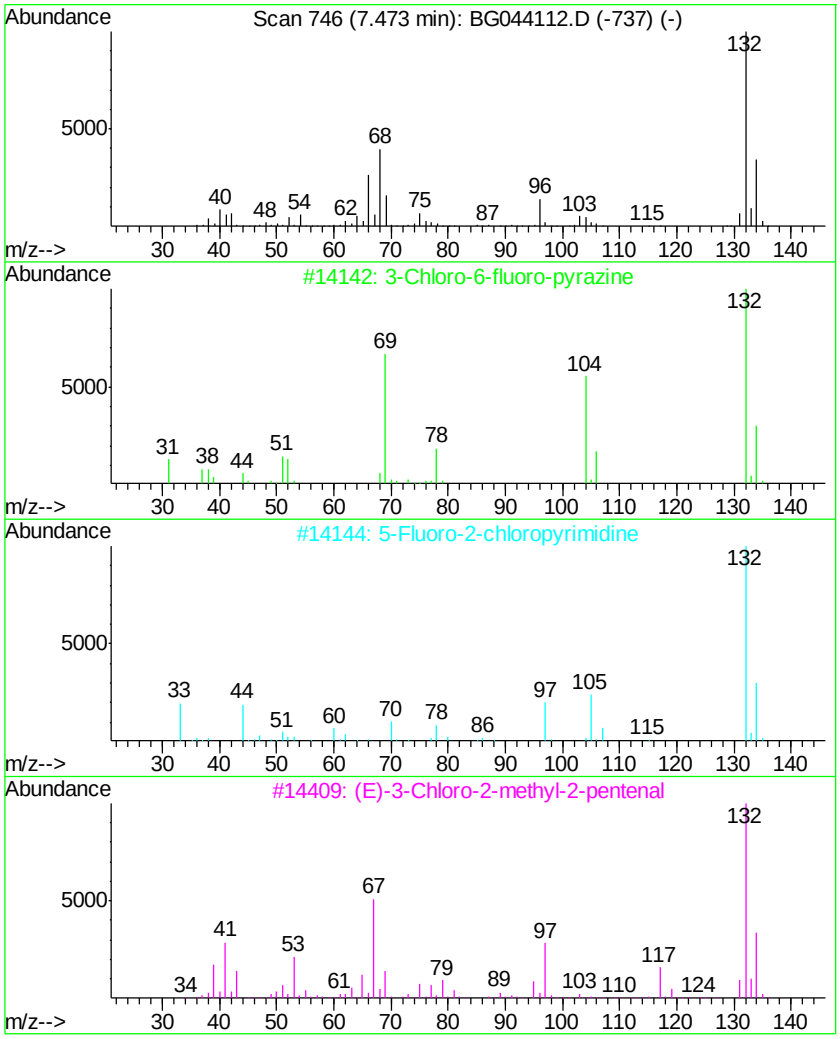
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

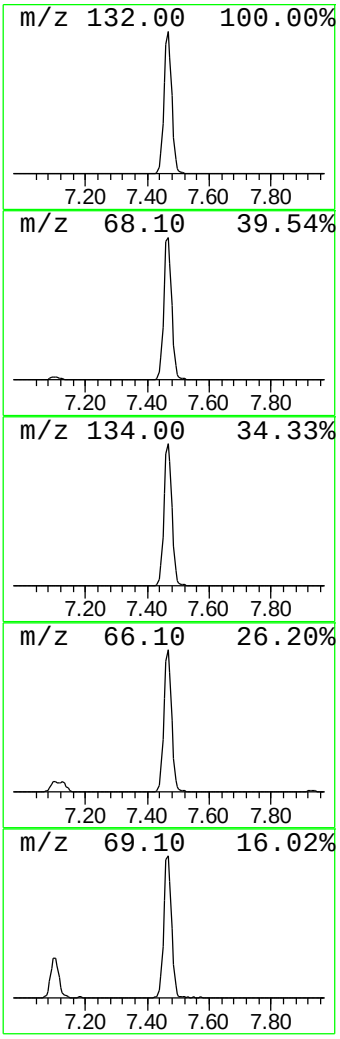
****

Peak Number 2 unknown7.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	88.82 ng	1966180	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

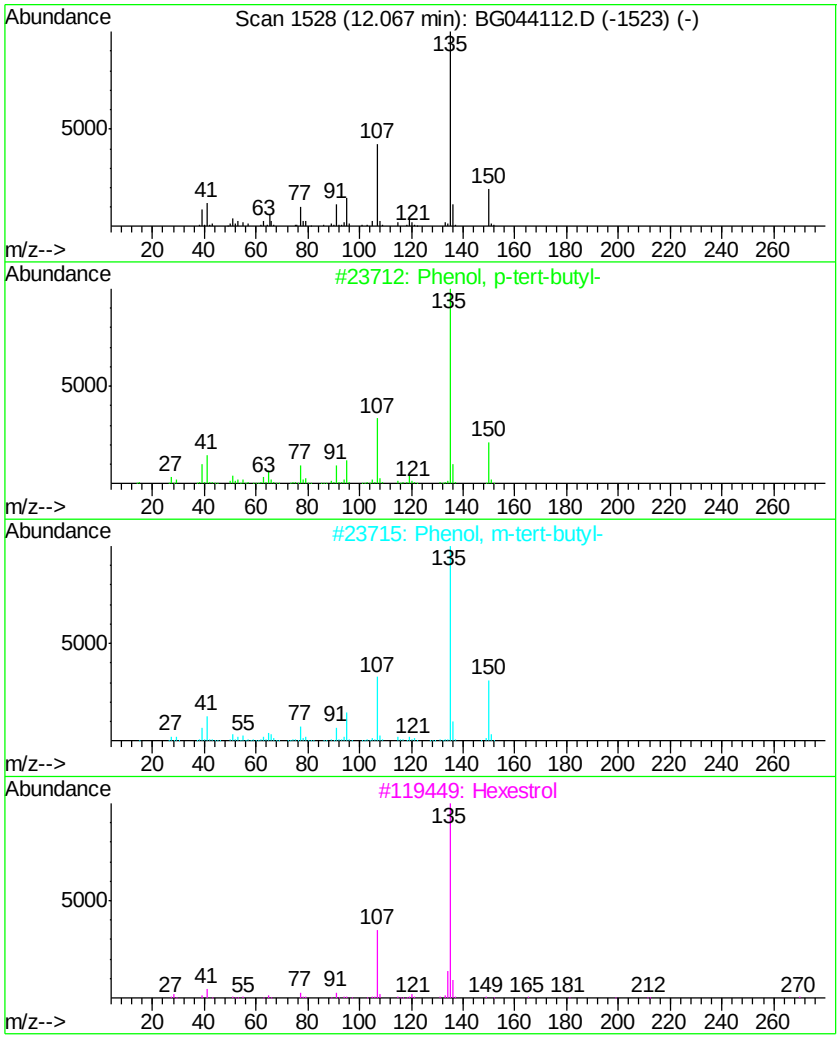
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

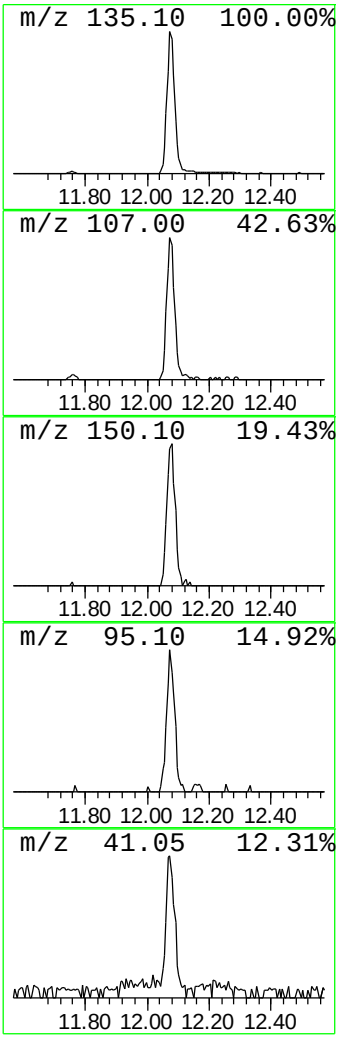
****

Peak Number 4 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.33 ng	146934	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Hexestrol	270	C18H22O2	000084-16-2	64
4	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	50
5	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

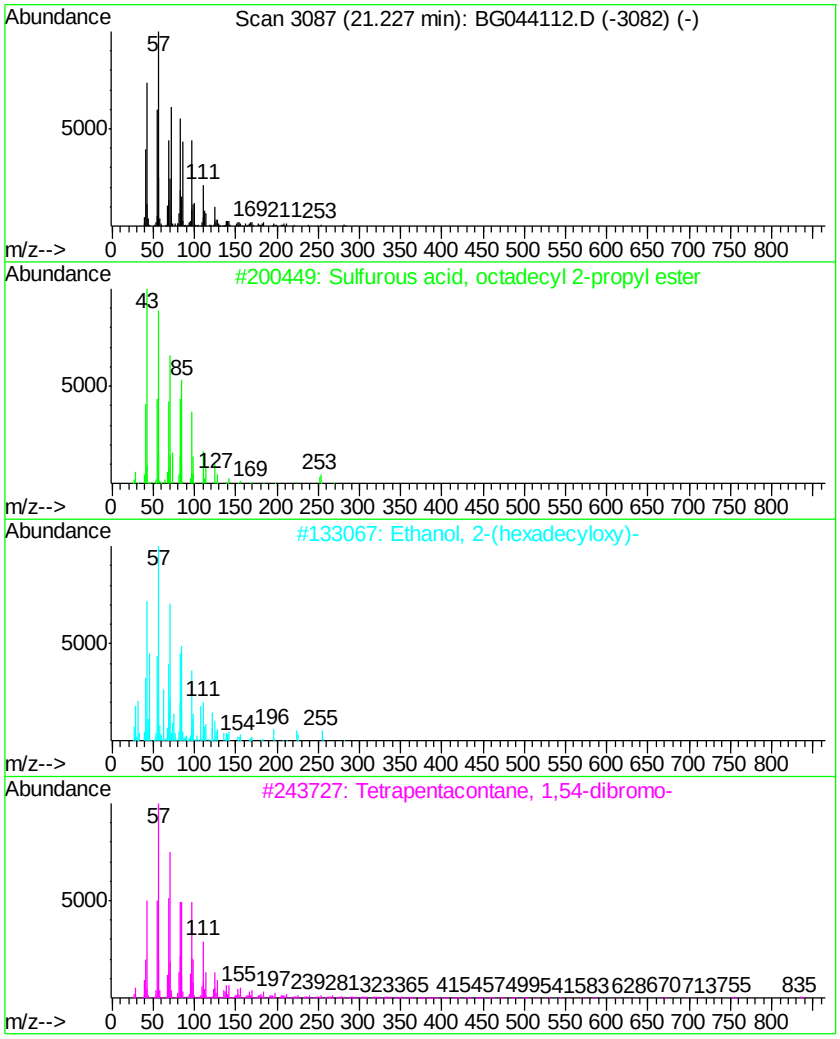
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

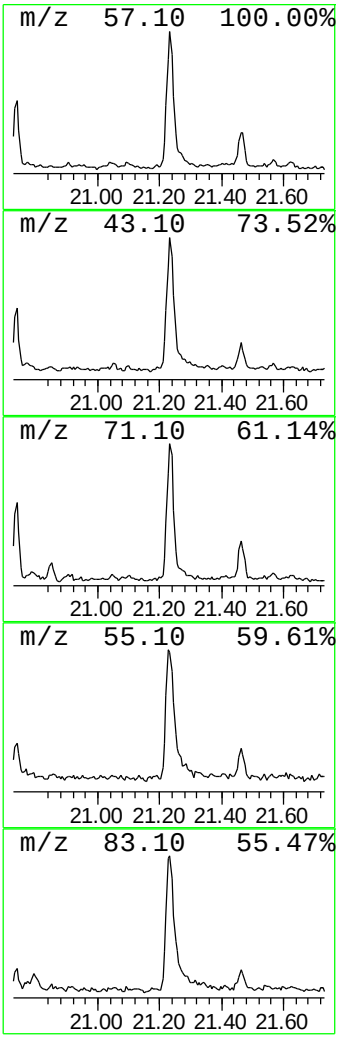
****

Peak Number 5 Sulfurous acid, octadecyl 2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.49 ng	419823	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
3	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	74
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	74





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Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

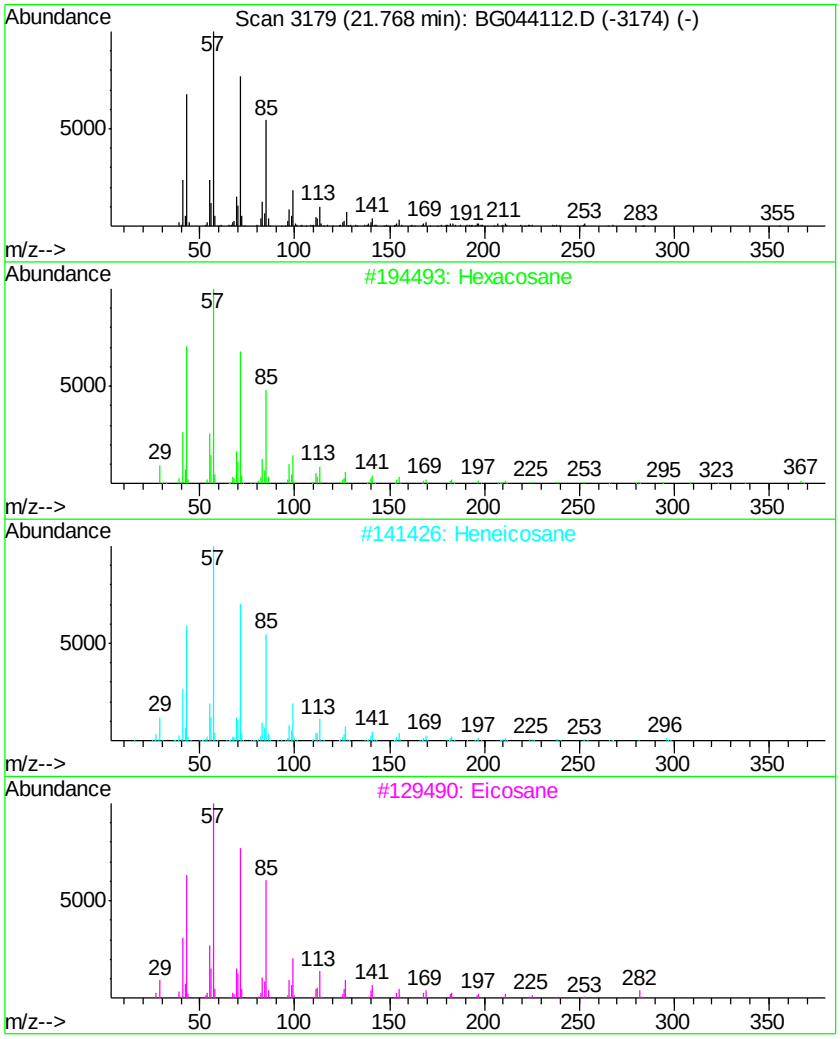
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

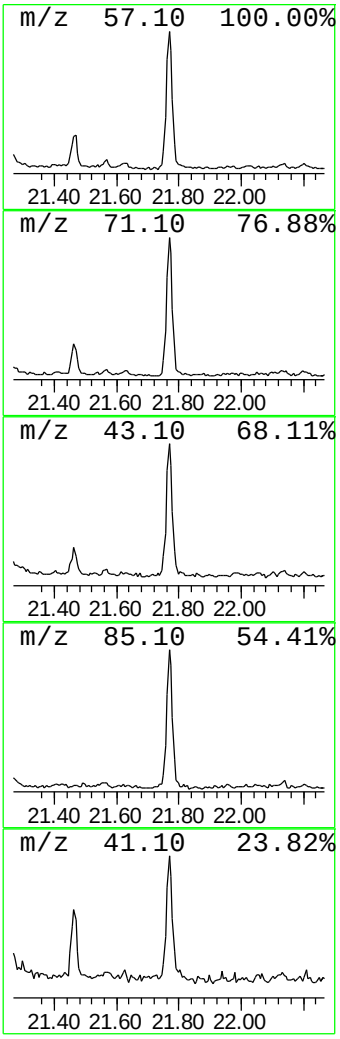
****

Peak Number 6 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	3.80 ng	245560	Chrysene-d12	21.56

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	Eicosane	282	C20H42	000112-95-8	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

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Data File : BG044112.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

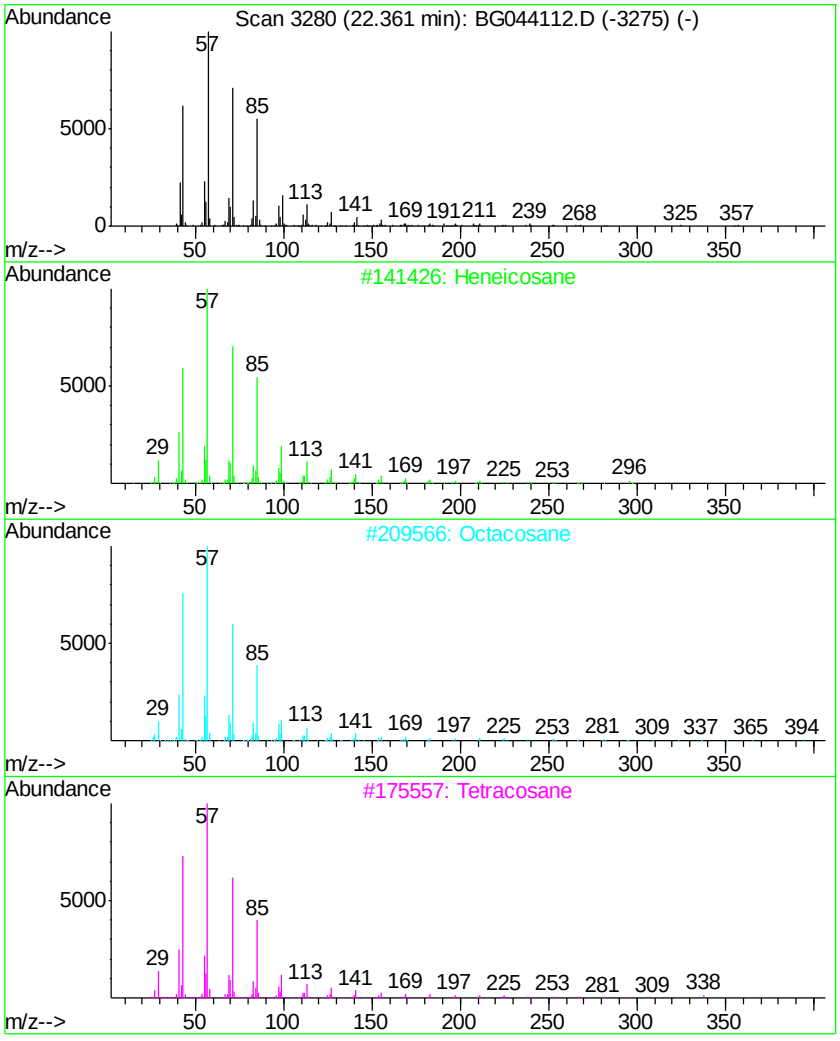
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

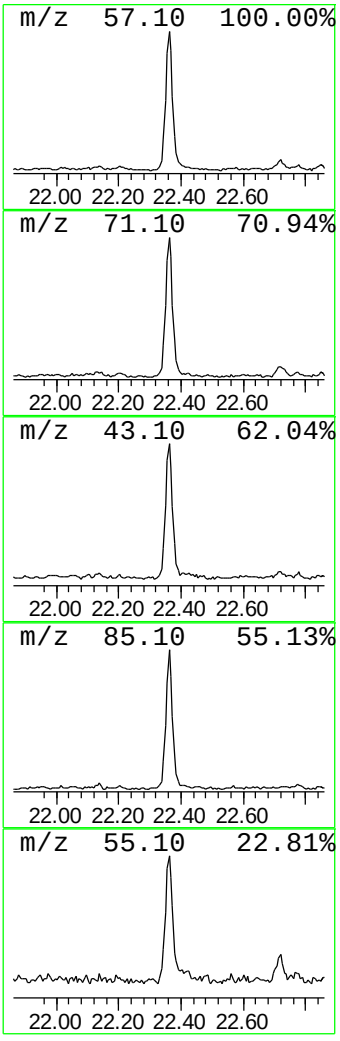
****

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	5.34 ng	345211	Chrysene-d12	21.56

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	Tetracosane	338	C24H50	000646-31-1	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

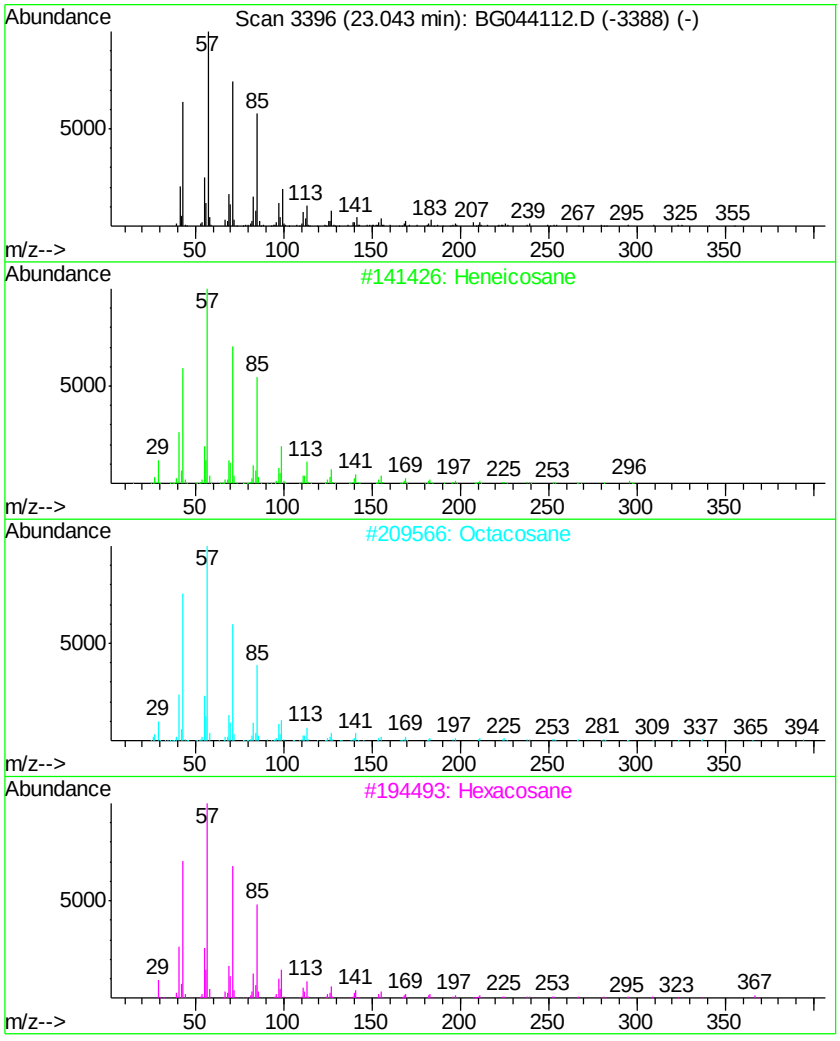
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

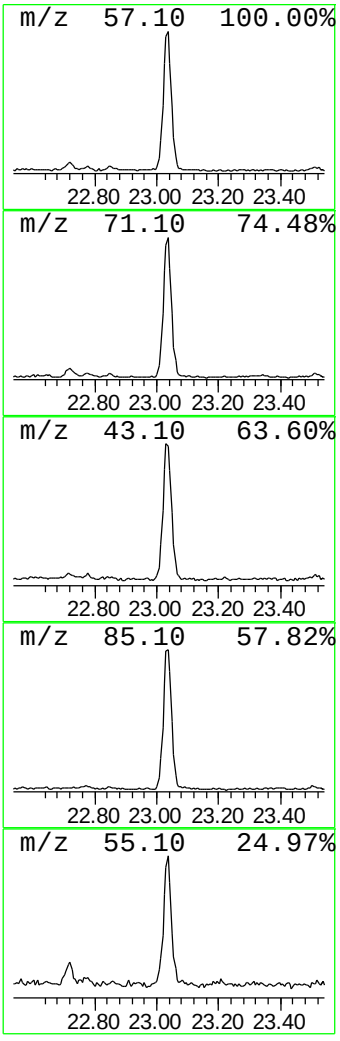
****

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	7.20 ng	465739	Chrysene-d12	21.56

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	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

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

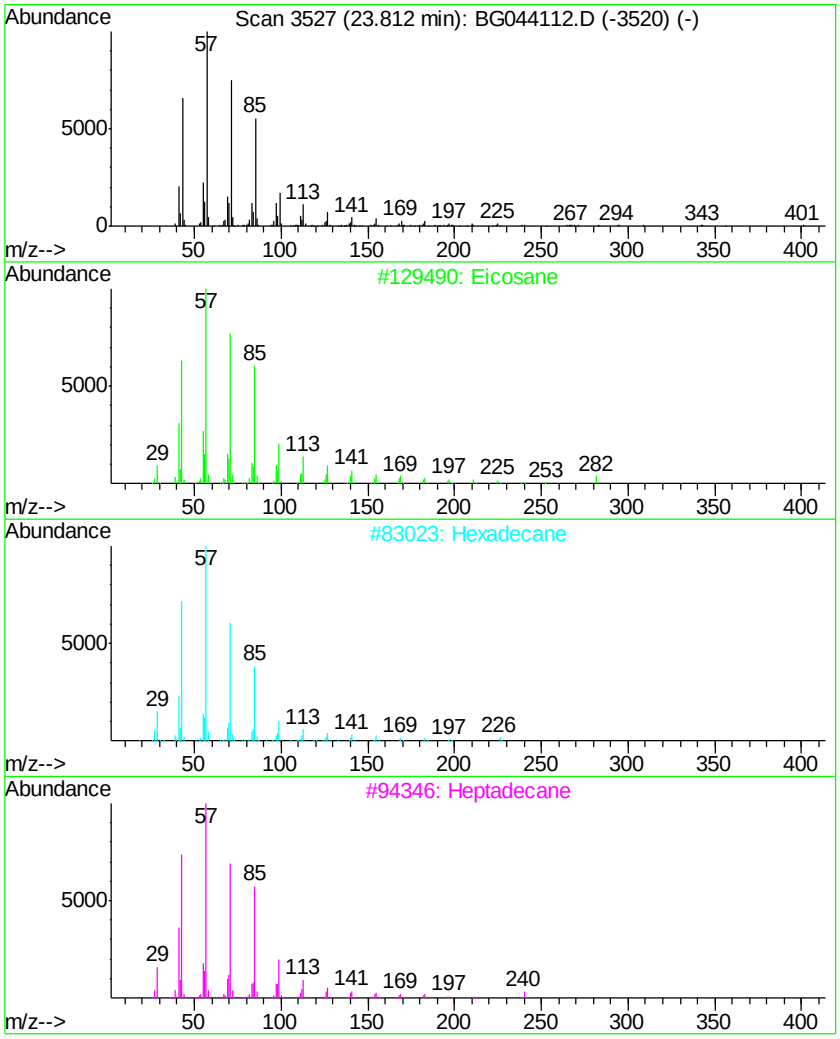
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

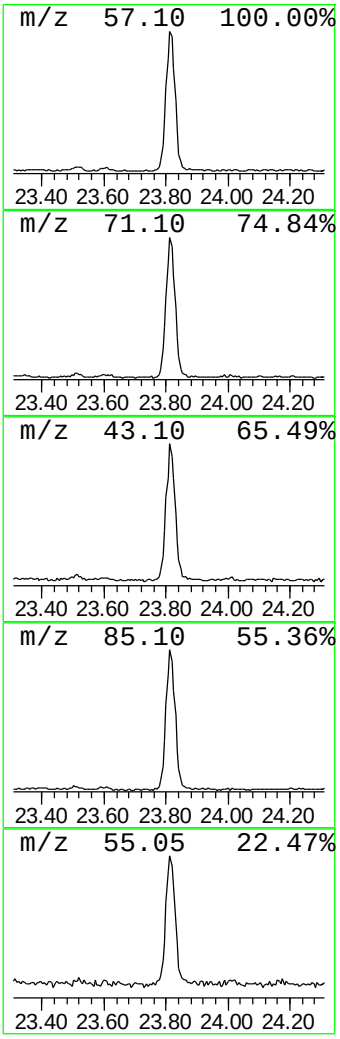
****

Peak Number 9 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	7.90 ng	527823	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

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Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

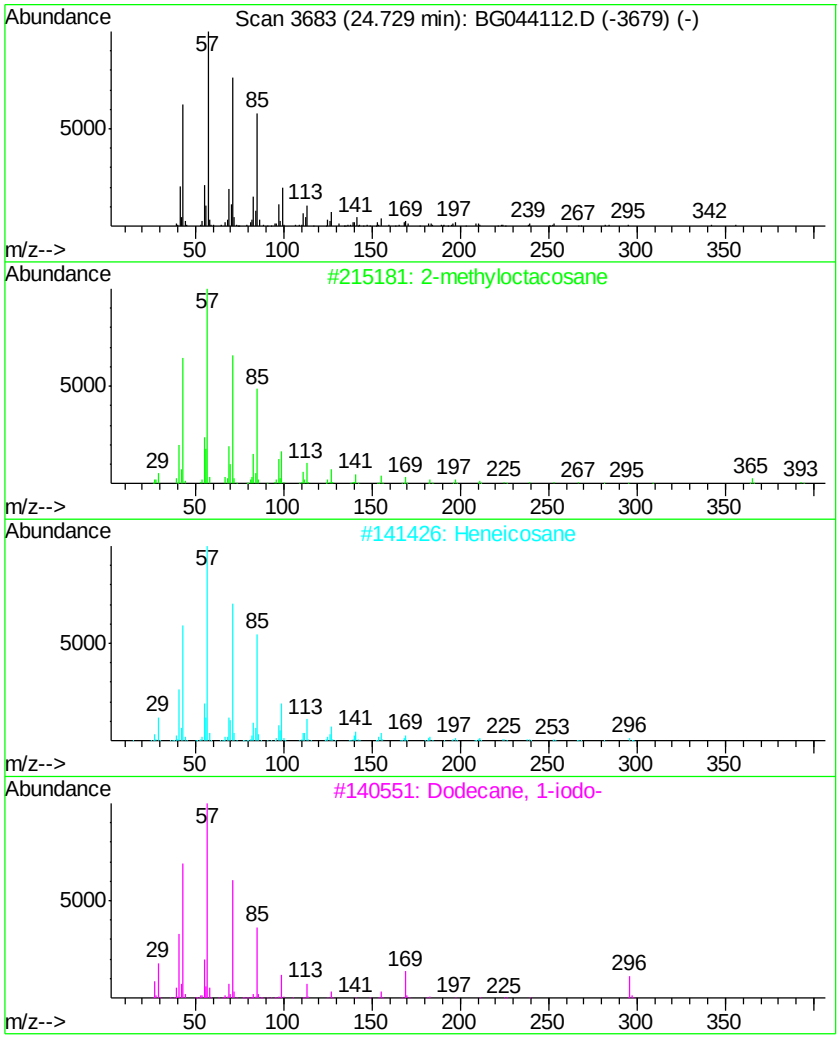
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

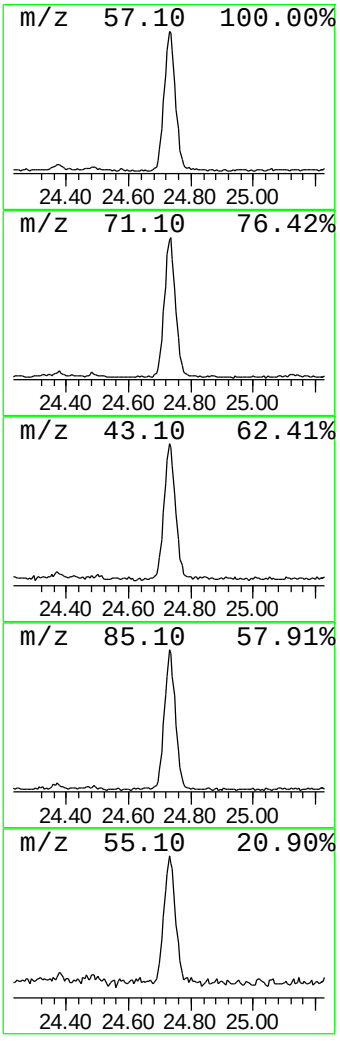
****

Peak Number 10 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	7.26 ng	485460	Perylene-d12	24.66

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	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	2-methyltetracosane	352	C25H52	1000376-72-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
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Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
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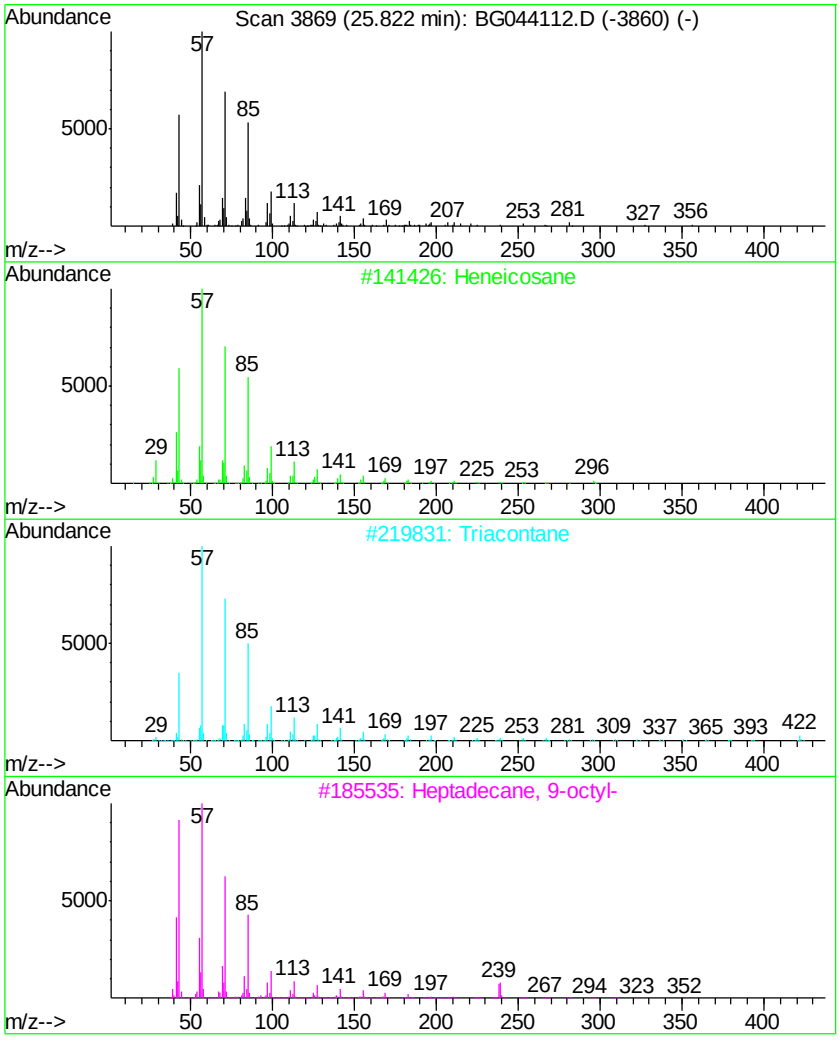
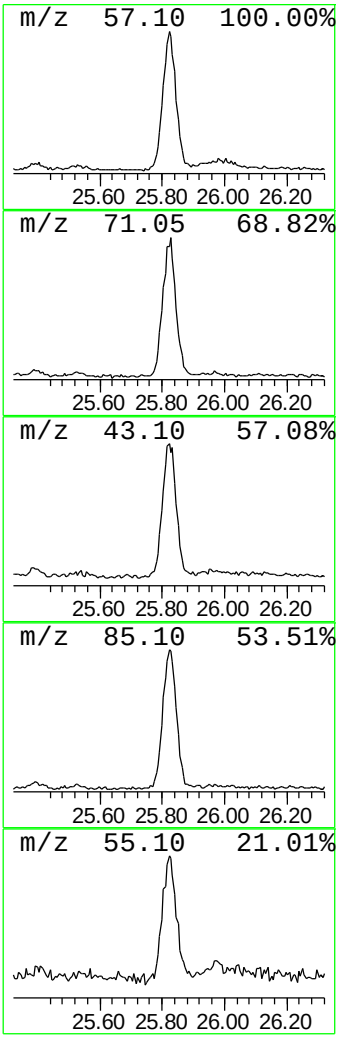
****

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	6.13 ng	409993	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

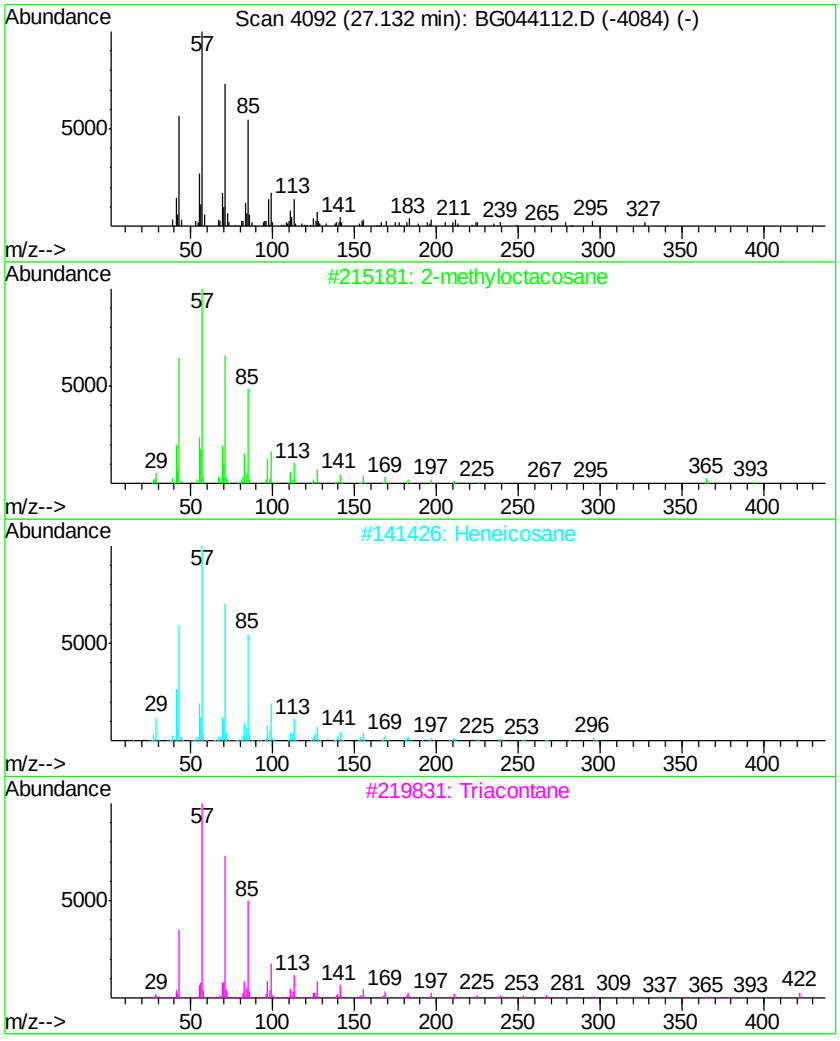
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

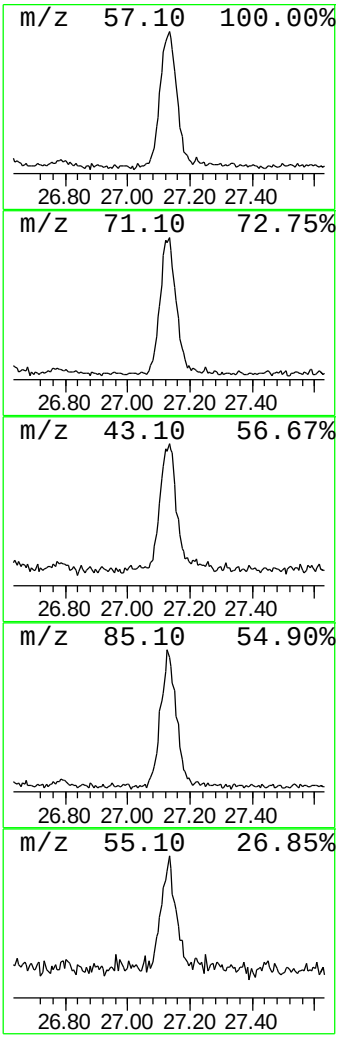
****

Peak Number 12 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.13	3.09 ng	206688	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Triacontane	422	C30H62	000638-68-6	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexacosane	366	C26H54	000630-01-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
2-Pentanone, 4-hy...	5.03	6.2	ng	136891	1	7.93	442712	20.0
unknown7.47	7.47	88.8	ng	1966180	1	7.93	442712	20.0
Phenol, p-tert-bu...	12.07	4.3	ng	146934	2	10.73	678074	20.0
Sulfurous acid, o...	21.23	6.5	ng	419823	5	21.56	1293350	20.0
Hexacosane	21.77	3.8	ng	245560	5	21.56	1293350	20.0
Heneicosane	22.36	5.3	ng	345211	5	21.56	1293350	20.0
Octacosane	23.04	7.2	ng	465739	5	21.56	1293350	20.0
Eicosane	23.81	7.9	ng	527823	6	24.66	1336620	20.0
2-methyloctacosane	24.73	7.3	ng	485460	6	24.66	1336620	20.0
Heptadecane, 9-oc...	25.82	6.1	ng	409993	6	24.66	1336620	20.0
Tetracosane	27.13	3.1	ng	206688	6	24.66	1336620	20.0