LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044539.D
Acq On : 21 Feb 2020 3:06
Operator : CG/JU
Sample : PB126924BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126924BL

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	4.982	316	322	330	rBV	33890	53928	1.25%	0.301%
2	5.458	396	403	418	rBV	422551	704592	16.38%	3.930%
3	7.056	668	675	688	rBV	231657	442415	10.29%	2.467%
4	7.879	809	815	825	rBV	184664	315437	7.33%	1.759%
5	8.202	862	870	884	rBV	835729	1433460	33.33%	7.995%
6	9.036	1004	1012	1022	rBV	598559	1112398	25.86%	6.204%
7	10.681	1284	1292	1307	rBV	227483	436805	10.16%	2.436%
8	13.143	1704	1711	1730	rBV	1717689	2675334	62.20%	14.921%
9	13.977	1847	1853	1863	rBV	33178	58743	1.37%	0.328%
10	14.524	1939	1946	1957	rBV2	382452	639664	14.87%	3.568%
11	16.010	2192	2199	2215	rBV	1284258	2045058	47.55%	11.406%
12	16.245	2234	2239	2242	rBV	44818	60705	1.41%	0.339%
13	17.039	2369	2374	2378	rBV	37689	52818	1.23%	0.295%
14	17.268	2406	2413	2423	rBV	492910	798339	18.56%	4.452%
15	17.773	2494	2499	2504	rBV	35121	45049	1.05%	0.251%
16	19.107	2718	2726	2730	rBV4	48507	106353	2.47%	0.593%
17	19.882	2852	2858	2872	rBV	3270755	4301132	100.00%	23.988%
18	21.181	3074	3079	3087	rBV3	56777	109910	2.56%	0.613%
19	21.504	3128	3134	3150	rVB	577229	965384	22.44%	5.384%
20	21.710	3164	3169	3177	rVB	35104	51956	1.21%	0.290%
21	22.291	3263	3268	3273	rBV2	47521	78204	1.82%	0.436%
22	22.955	3375	3381	3393	rVB2	60267	114365	2.66%	0.638%
23	23.725	3504	3512	3520	rVB2	56517	118454	2.75%	0.661%
24	24.577	3647	3657	3673	rBV2	361002	1123742	26.13%	6.267%
25	25.693	3839	3847	3855	rVB2	30336	85976	2.00%	0.480%

Sum of corrected areas: 17930221

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044539.D
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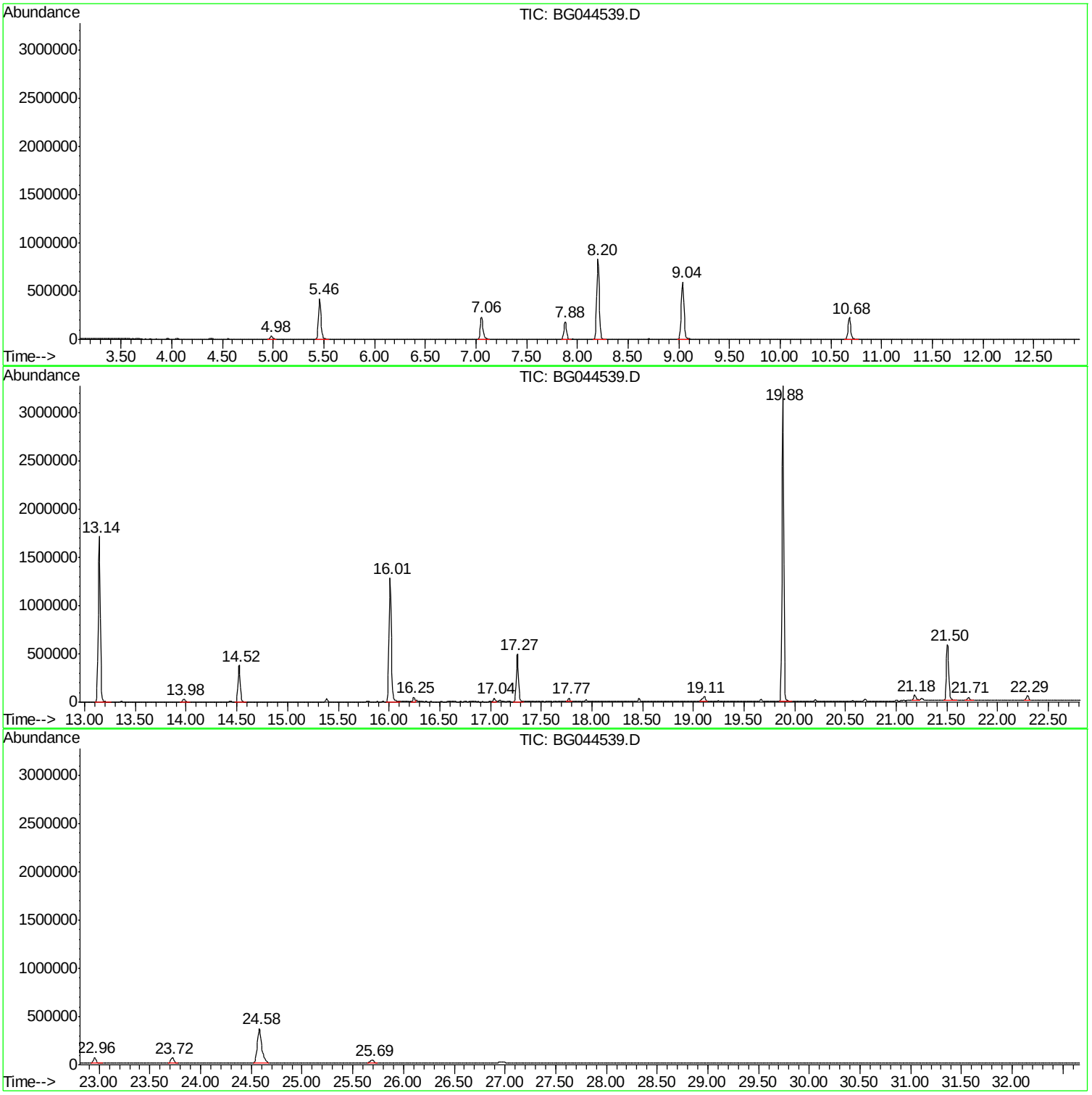
Operator : CG/JU
Sample : PB126924BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126924BL

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\BG022020\
Data File : BG044539.D
Acq On : 21 Feb 2020 3:06
Operator : CG/JU
Sample : PB126924BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126924BL

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

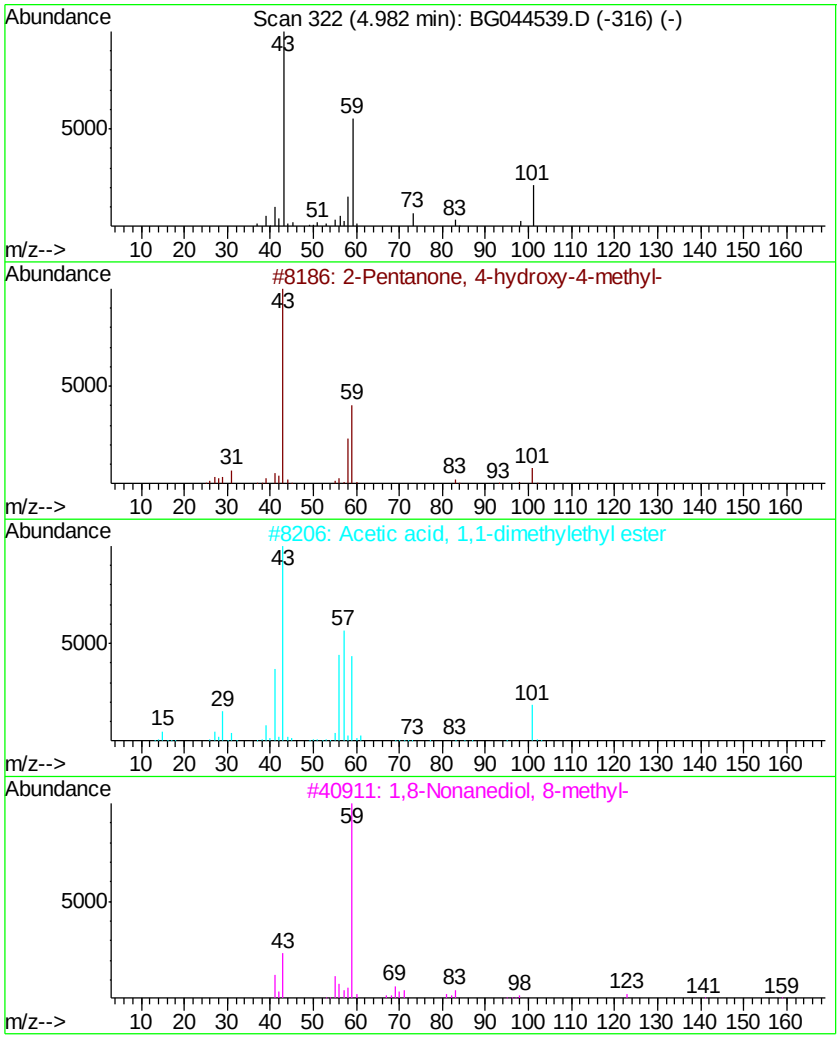
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

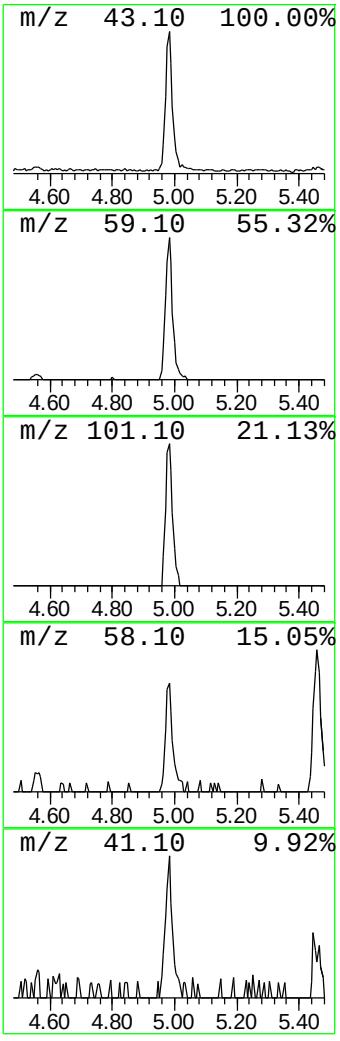
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.42 ng	53928	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044539.D
Acq On : 21 Feb 2020 3:06
Operator : CG/JU
Sample : PB126924BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126924BL

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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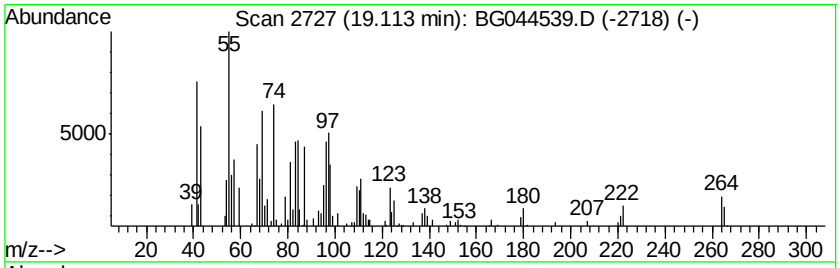
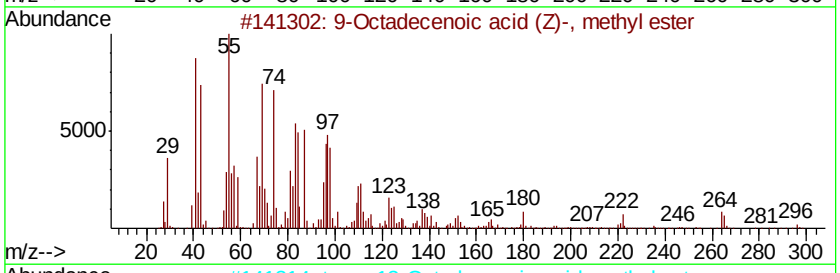
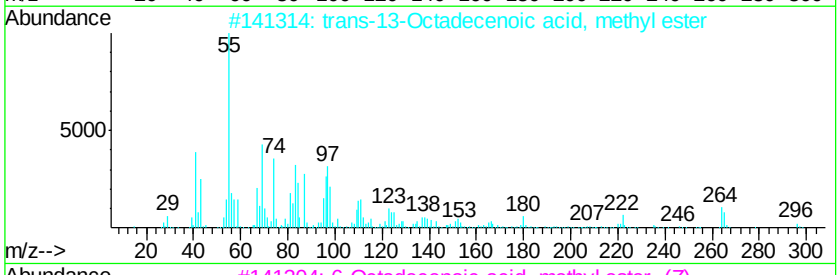
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

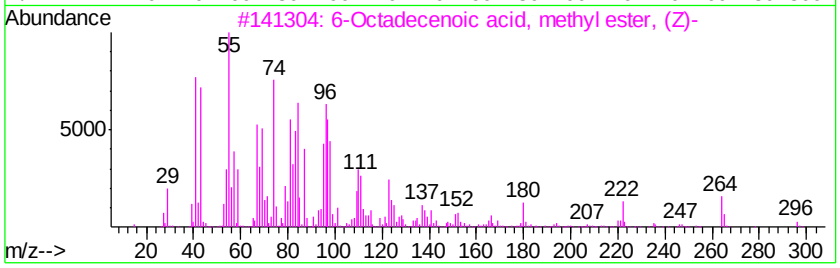
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.66 ng	106353	Phenanthrene-d10	17.27

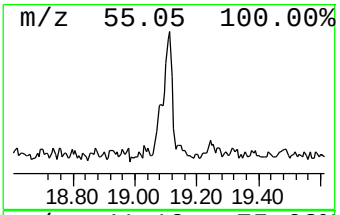
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	70
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	64
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	62
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	60

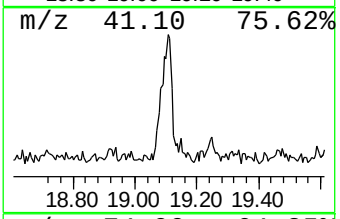


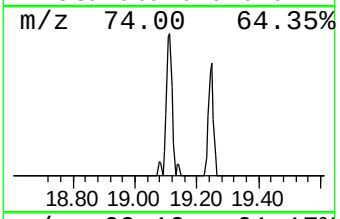


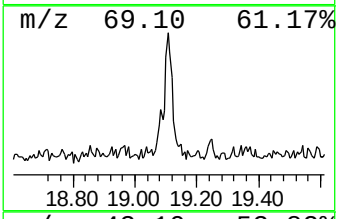


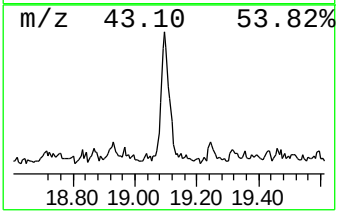












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Instrument : BNA_G
ClientSampleId : PB126924BL

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

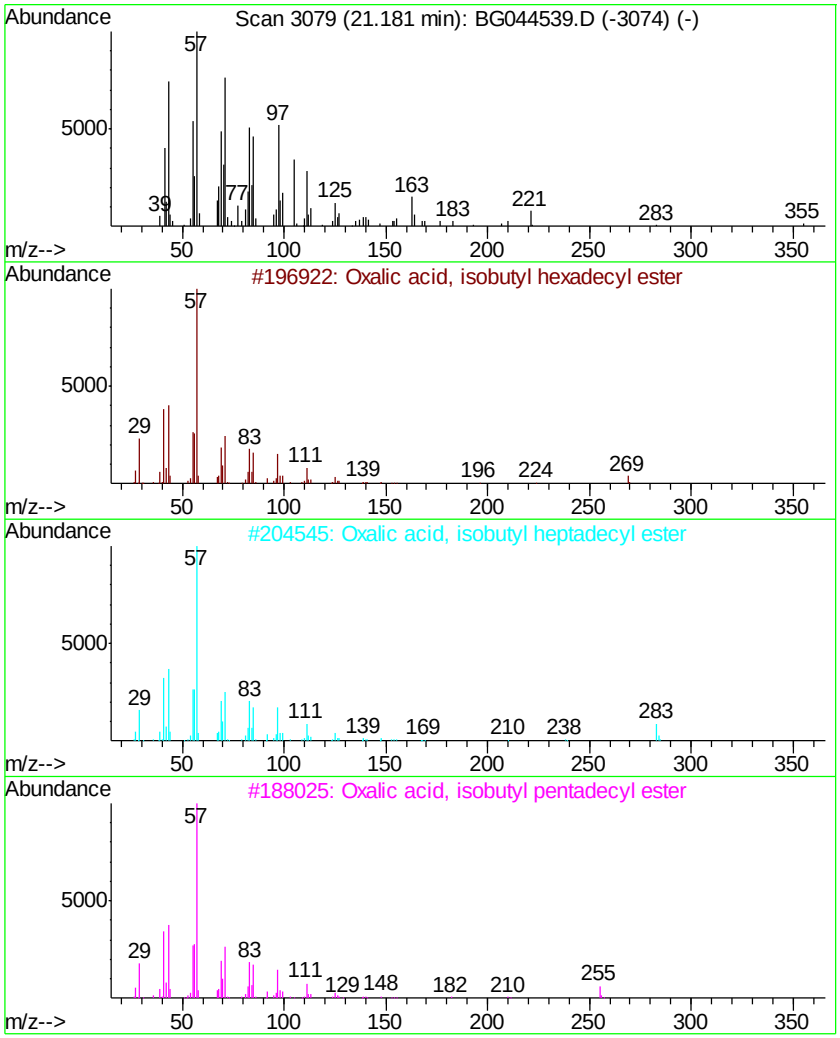
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

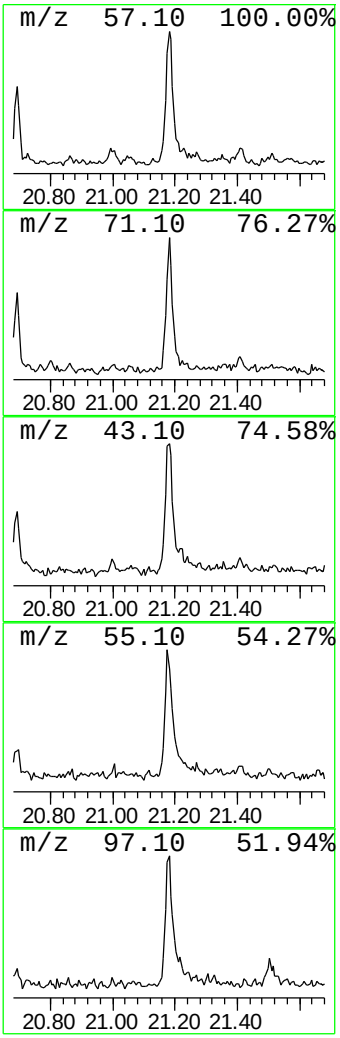
****

Peak Number 4 Oxalic acid, isobutyl hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	2.28 ng	109910	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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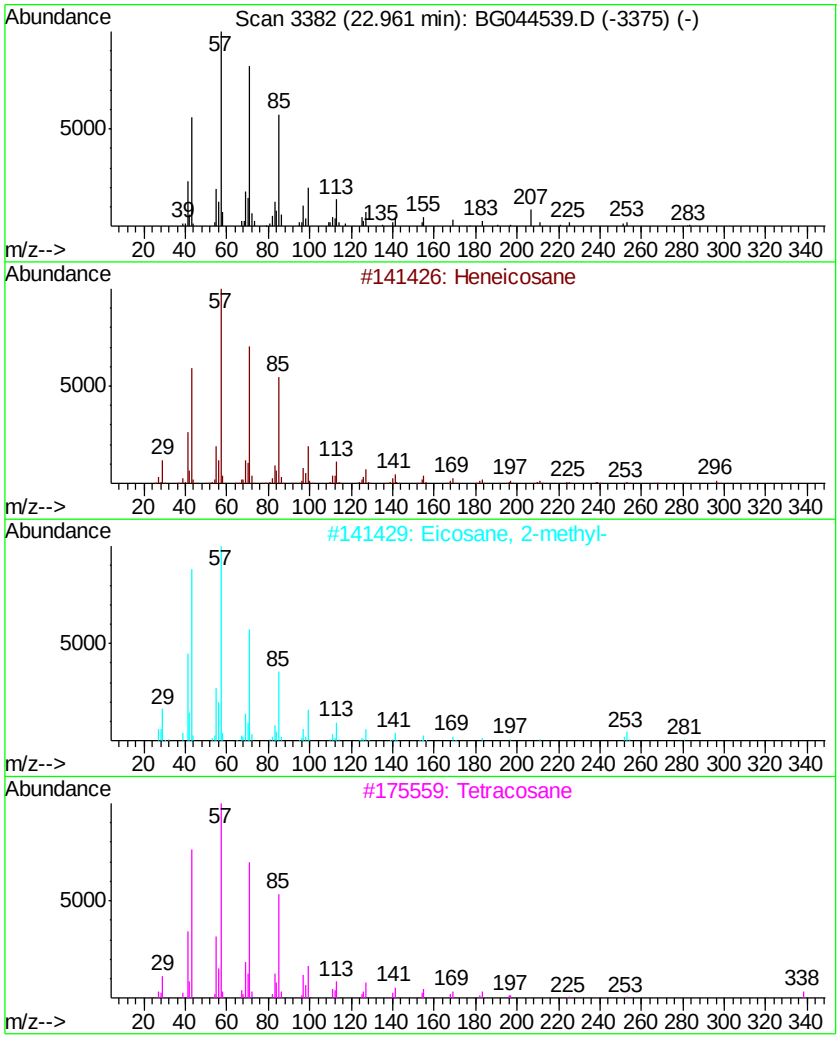
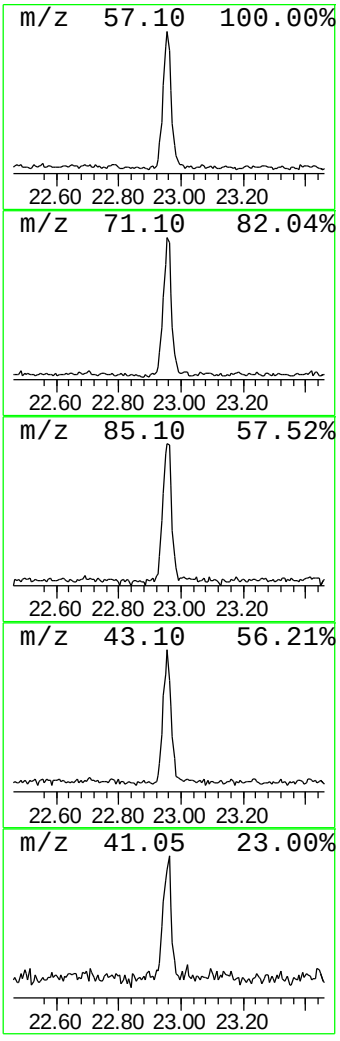
****

Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.37 ng	114365	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





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TIC Library : C:\Database\NIST11.L
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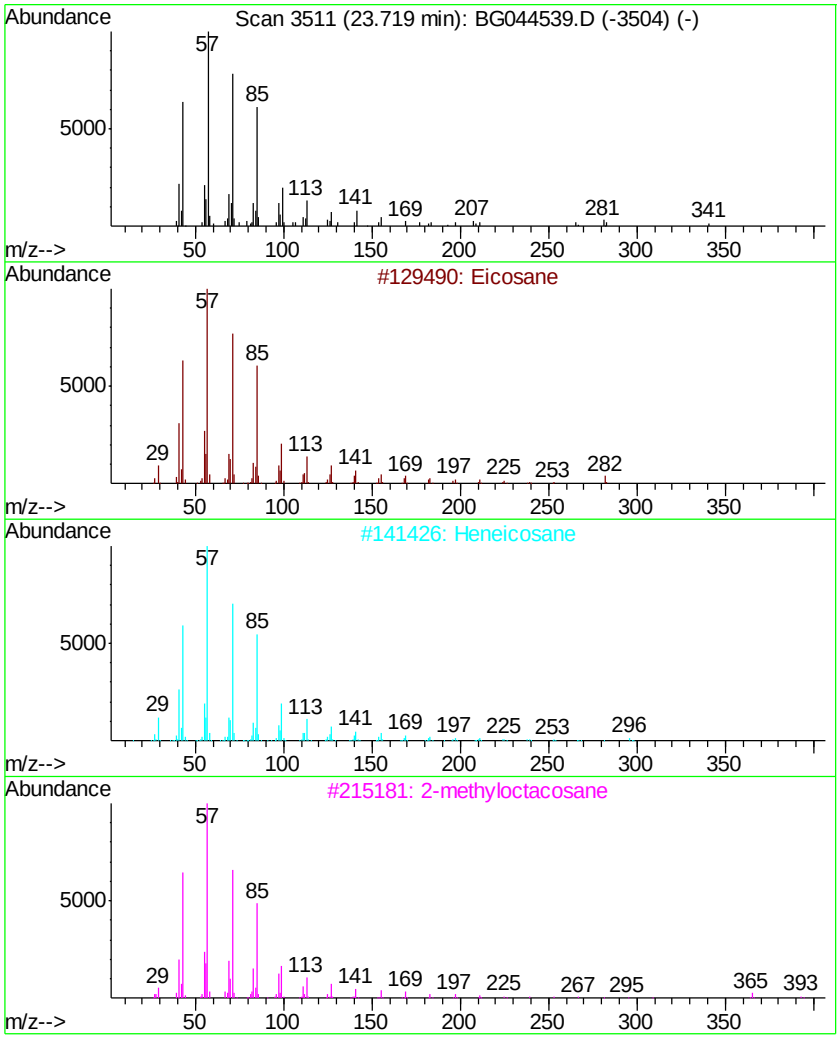
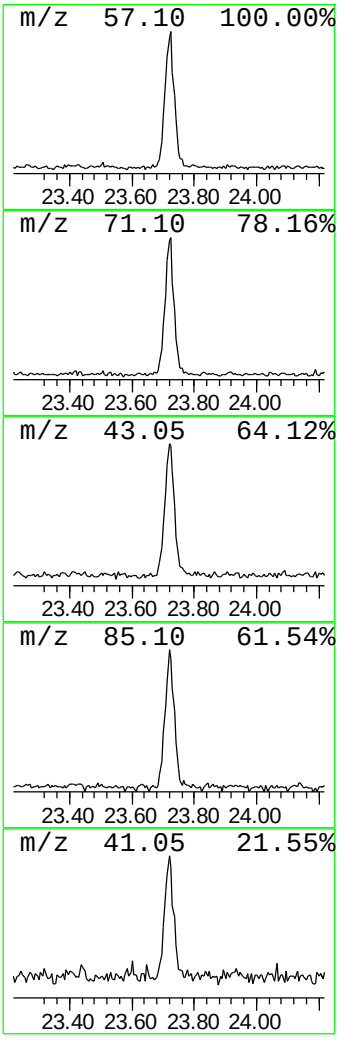
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	2.11 ng	118454	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022020\
Data File : BG044539.D
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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
2-Pentanone, 4-hy...	4.98	3.4	ng	53928	1	7.88	315437	20.0
9-Octadecenoic ac...	19.11	2.7	ng	106353	4	17.27	798339	20.0
Oxalic acid, isob...	21.18	2.3	ng	109910	5	21.50	965384	20.0
Heneicosane	22.96	2.4	ng	114365	5	21.50	965384	20.0
Eicosane	23.72	2.1	ng	118454	6	24.58	1123740	20.0