LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048510.D
Acq On : 25 Mar 2021 20:27
Operator : CG/JU
Sample : M1770-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106D

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-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048510.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.653	387	394	402	rBV	451775	734316	18.41%	4.128%
2	7.251	659	666	676	rBV	291254	520559	13.05%	2.926%
3	8.097	803	810	818	rBV	204143	349126	8.75%	1.963%
4	9.266	1000	1009	1017	rBV	721045	1293257	32.42%	7.270%
5	10.923	1283	1291	1300	rBV	270484	481542	12.07%	2.707%
6	13.361	1699	1706	1716	rVB	1784145	2829895	70.94%	15.908%
7	14.184	1839	1846	1853	rBV	90283	135512	3.40%	0.762%
8	14.260	1853	1859	1864	rVB3	51412	80303	2.01%	0.451%
9	14.742	1934	1941	1947	rVB	407184	654328	16.40%	3.678%
10	15.371	2042	2048	2054	rBV5	20218	41007	1.03%	0.231%
11	15.471	2058	2065	2070	rBV2	31206	47176	1.18%	0.265%
12	16.229	2186	2194	2201	rBV	1604983	2448417	61.38%	13.764%
13	17.280	2368	2373	2379	rVB4	26580	40510	1.02%	0.228%
14	17.492	2401	2409	2416	rBV	528307	792302	19.86%	4.454%
15	18.373	2554	2559	2565	rBV	198738	278997	6.99%	1.568%
16	19.642	2769	2775	2783	rBV	170940	251885	6.31%	1.416%
17	20.100	2847	2853	2863	rVB	3020565	3988873	100.00%	22.423%
18	20.271	2878	2882	2891	rVB3	39740	65544	1.64%	0.368%
19	21.411	3071	3076	3084	rBV3	84298	155065	3.89%	0.872%
20	21.781	3132	3139	3146	rVB	492459	849457	21.30%	4.775%
21	22.609	3274	3280	3292	rBV2	368121	662554	16.61%	3.725%
22	23.326	3398	3402	3409	rVB5	35837	74433	1.87%	0.418%
23	24.160	3539	3544	3553	rVB4	39152	96587	2.42%	0.543%
24	25.112	3696	3706	3719	rVB2	300511	917206	22.99%	5.156%

Sum of corrected areas: 17788851

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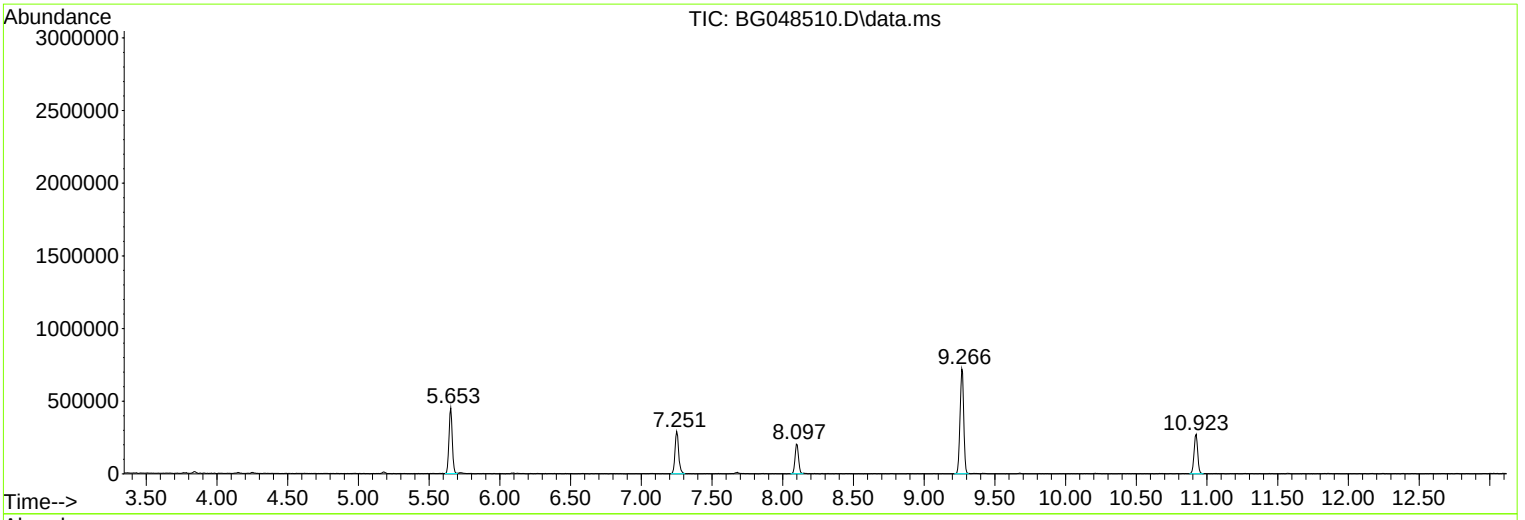
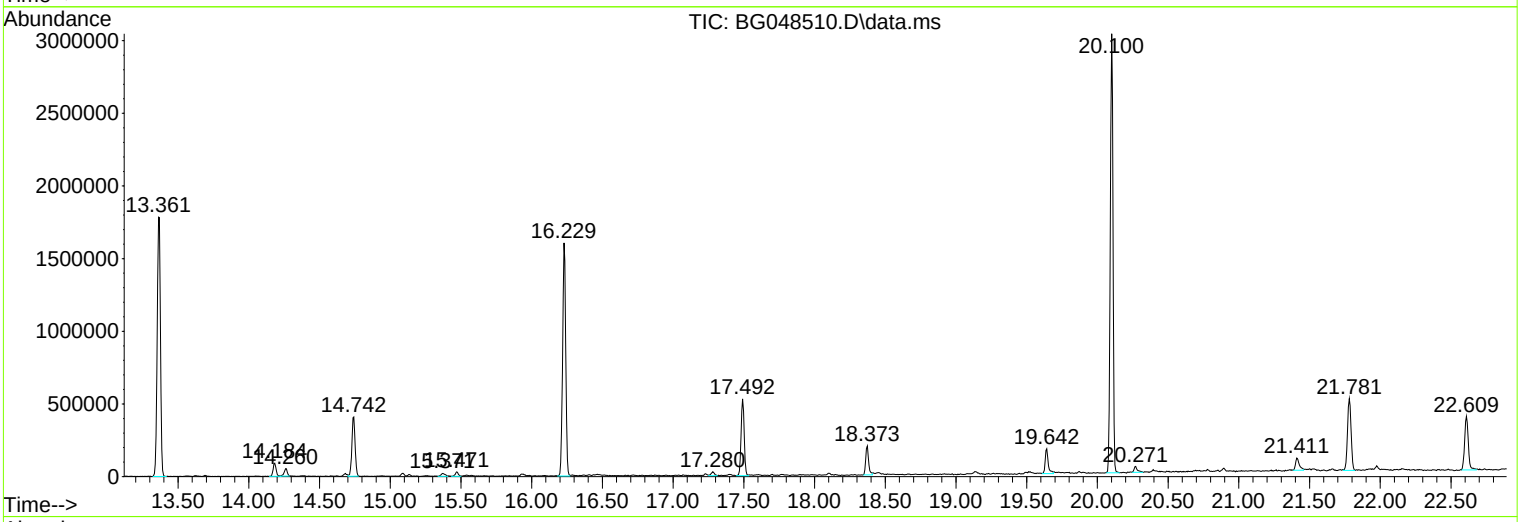
Misc :
ALS Vial : 17 Sample Multiplier: 1

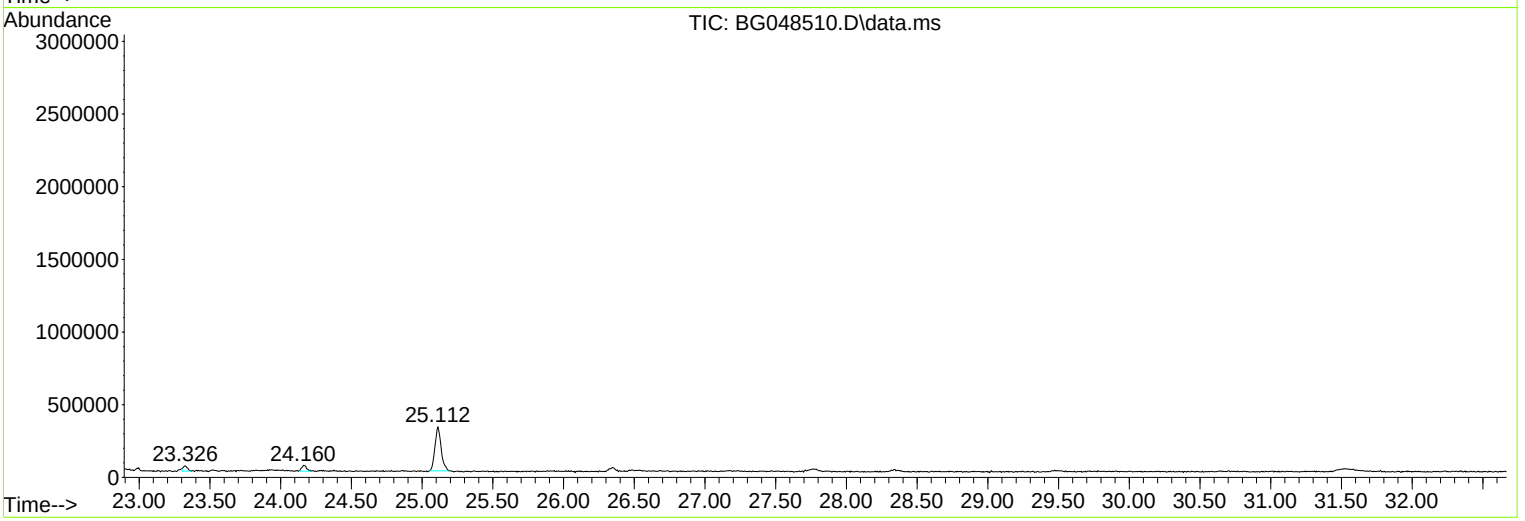
Instrument :
BNA_G
ClientSampleId :
MW-106D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.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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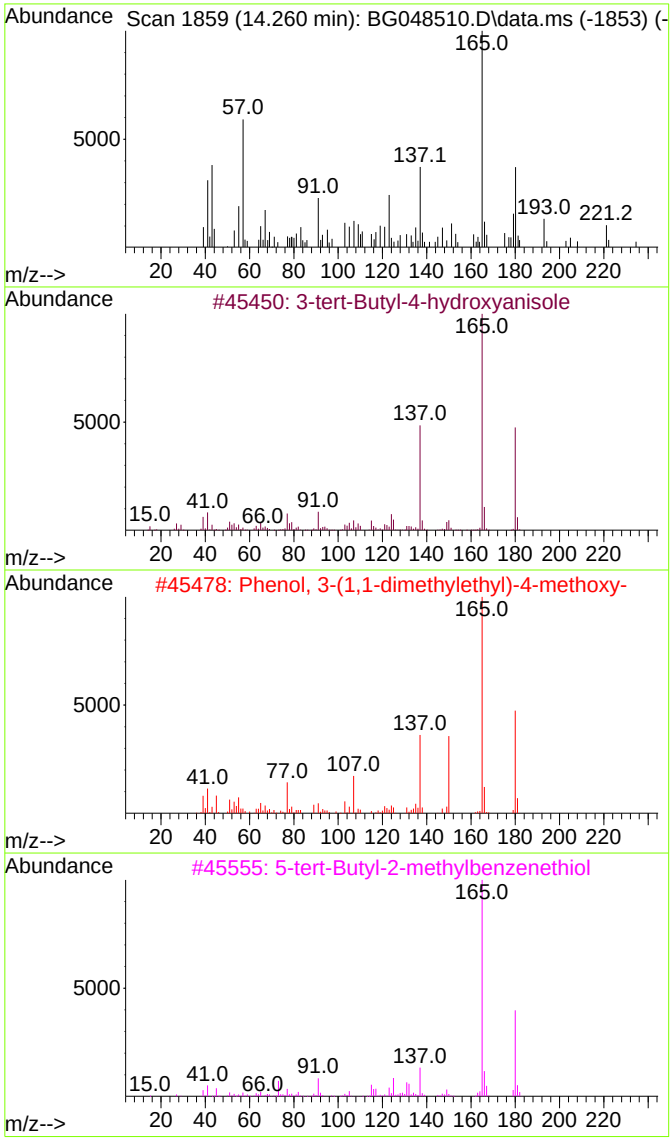
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

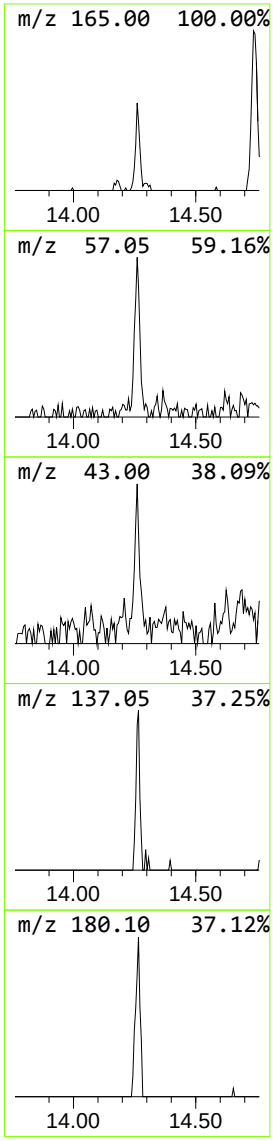
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-tert-Butyl-4-hydroxyanisole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.260	2.45 ng	80303	Acenaphthene-d10	14.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	58
2	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	58
3	5-tert-Butyl-2-methylbenzenethiol	180	C11H16S	007340-90-1	52
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	52
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	52





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Acq On : 25 Mar 2021 20:27
Operator : CG/JU
Sample : M1770-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-106D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

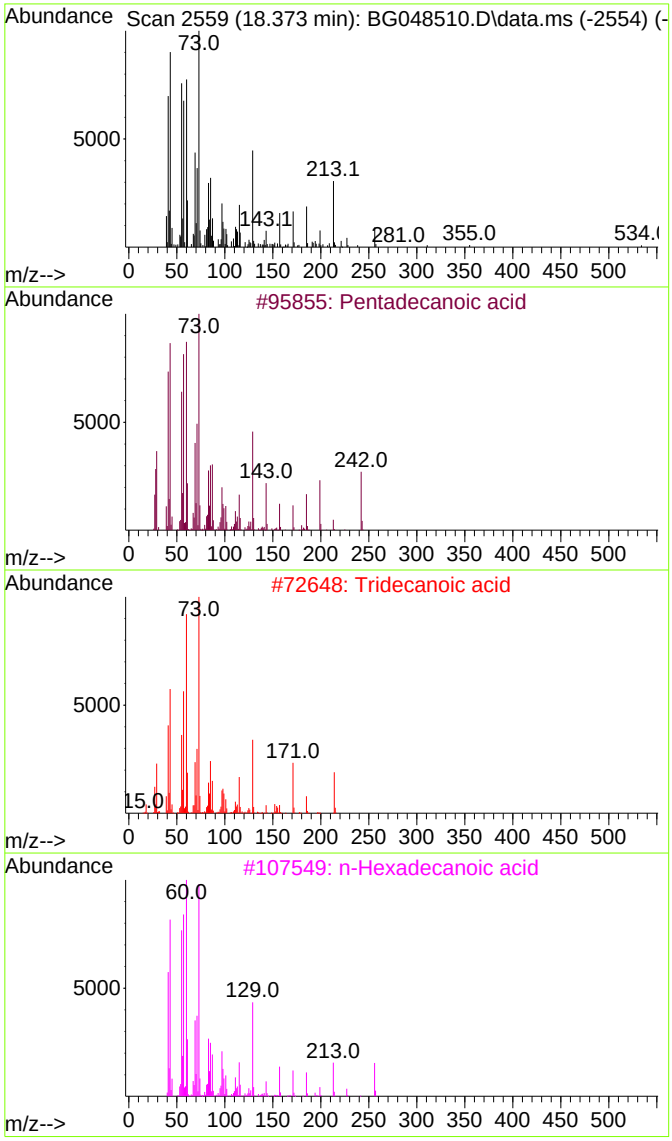
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

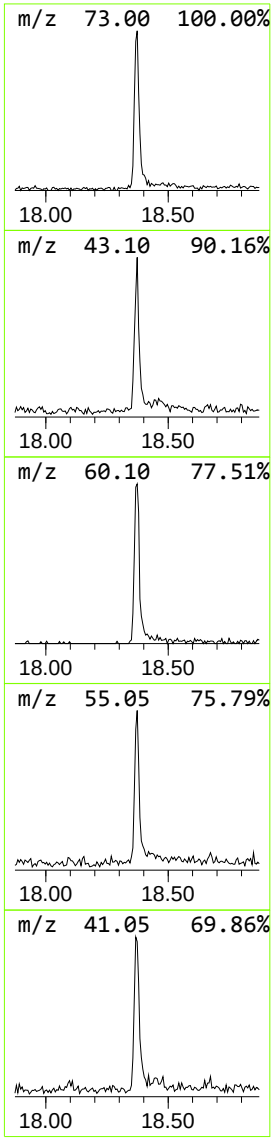
****

Peak Number 2 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	7.04 ng	278997	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Octadecanoic acid	284	C18H36O2	000057-11-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
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Acq On : 25 Mar 2021 20:27
Operator : CG/JU
Sample : M1770-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-106D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

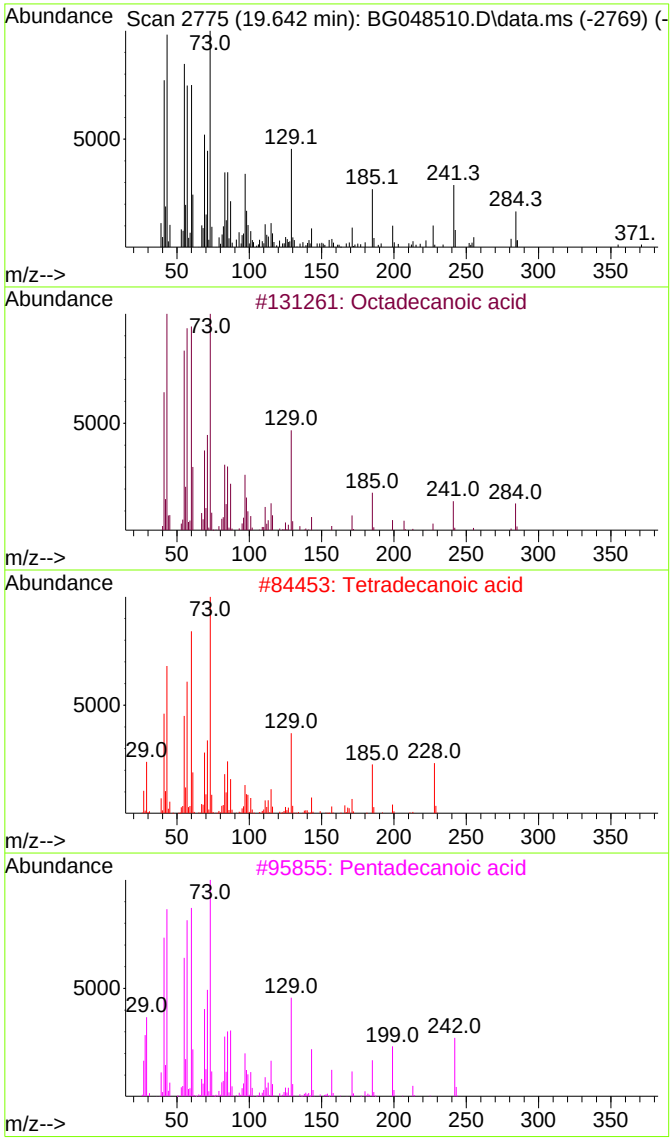
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

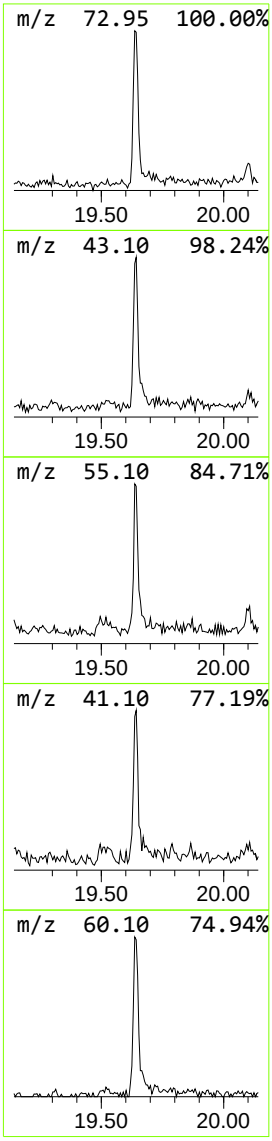
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.642	5.93 ng	251885	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Data File : BG048510.D
Acq On : 25 Mar 2021 20:27
Operator : CG/JU
Sample : M1770-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-106D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

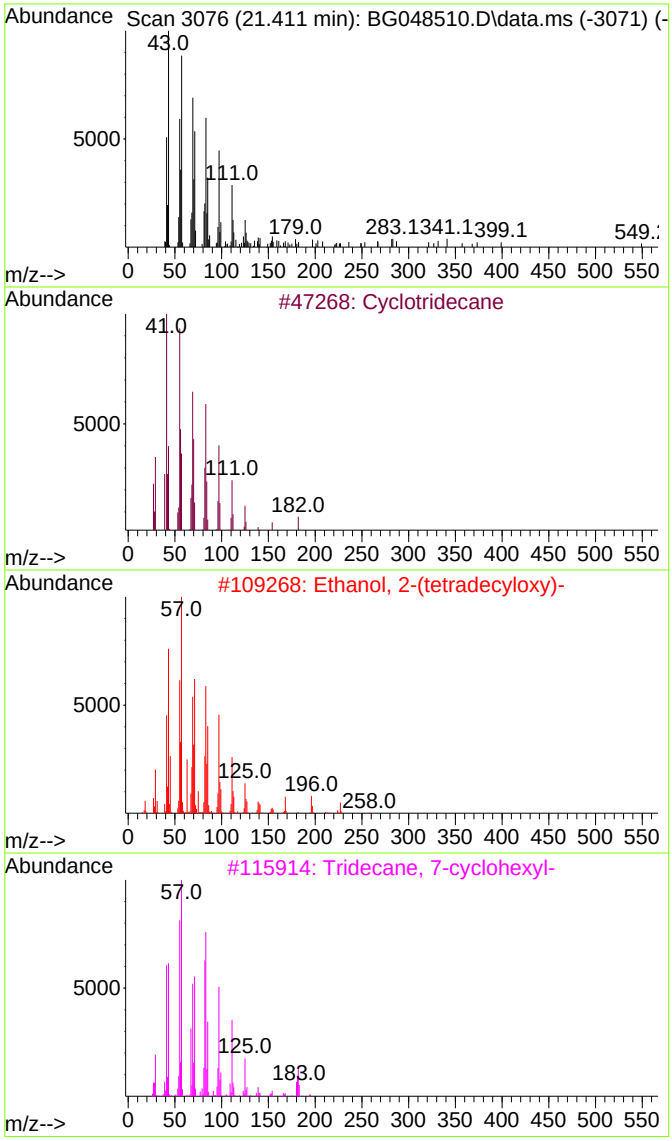
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

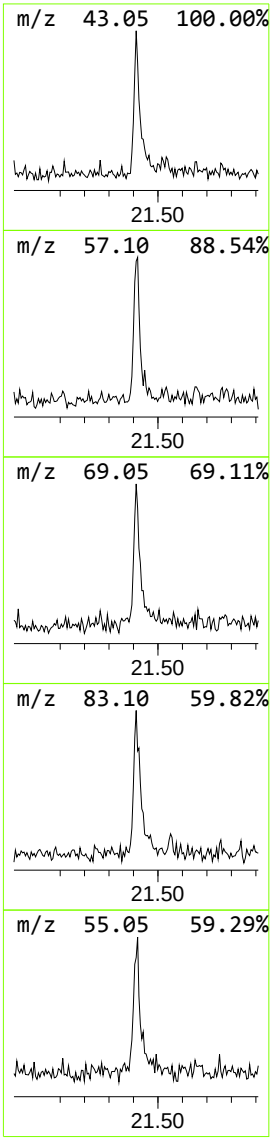
****

Peak Number 4 Cyclotridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.411	3.65 ng	155065	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	87
4	1-Heptacosanol	396	C27H56O	002004-39-9	86
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76





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Operator : CG/JU
Sample : M1770-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106D

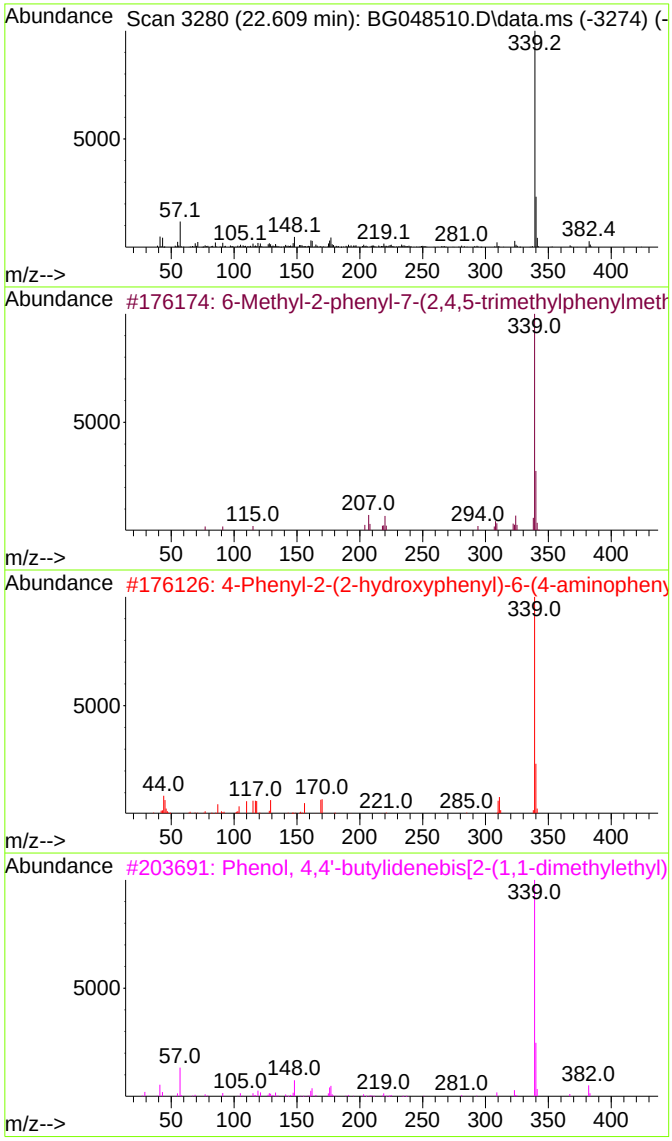
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

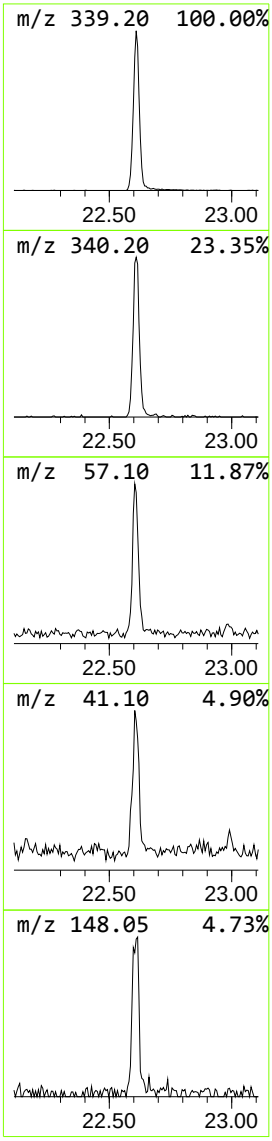
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 6-Methyl-2-phenyl-7-(2,4,5-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.609	15.60 ng	662554	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-2-phenyl-7-(2,4,5-trime...	339	C25H25N	064002-76-2	72
2	4-Phenyl-2-(2-hydroxyphenyl)-6-(...	339	C22H17N3O	1000070-58-2	64
3	Phenol, 4,4'-butylidenebis[2-(1,...	382	C26H38O2	000085-60-9	50
4	6-Methyl-2-(4-methylphenyl)-7-(4...	339	C25H25N	080193-45-9	50
5	1-(2,6-Dimethylphenyliminomethyl...	339	C23H17NO2	129086-91-5	40





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Instrument :
BNA_G
ClientSampleId :
MW-106D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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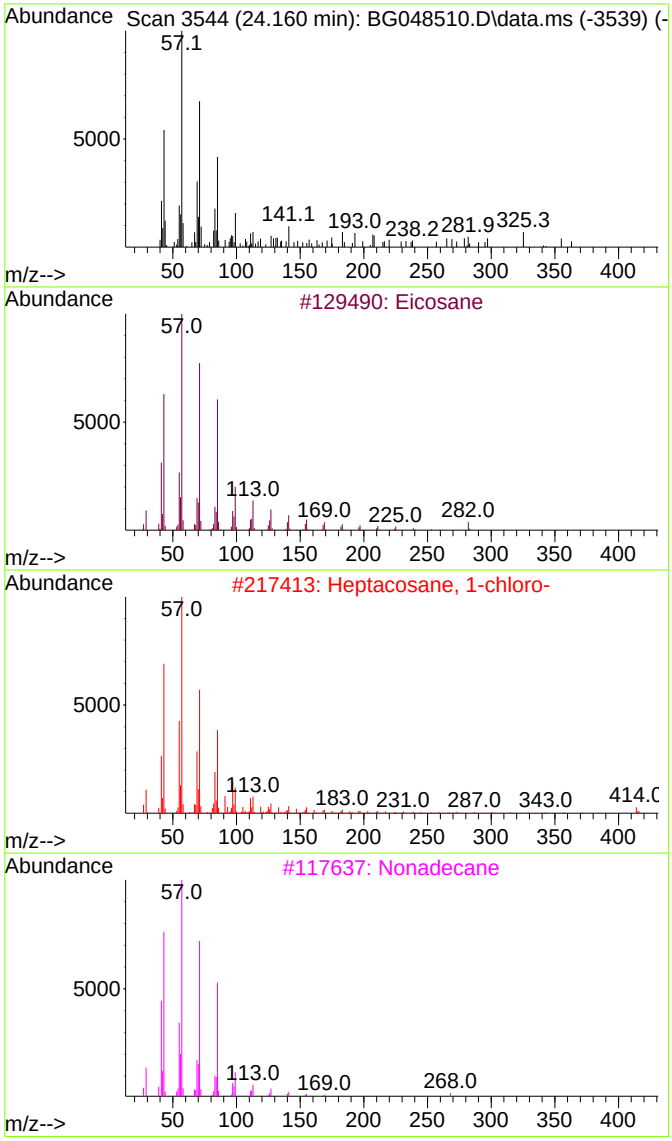
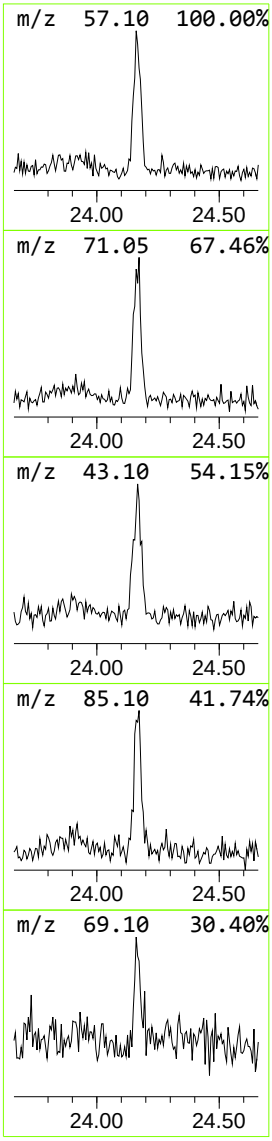
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.160	2.11 ng	96587	Perylene-d12	25.112

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	62
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52
3	Nonadecane	268	C19H40	000629-92-5	52
4	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	52
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	52





Tentatively Identified Compound (LSC) summary

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ClientSampleId : MW-106D

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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
3-tert-Butyl-4-...	14.260	2.5	ng	80303	3	14.742	654328	20.0
Pentadecanoic acid	18.373	7.0	ng	278997	4	17.492	792302	20.0
Octadecanoic acid	19.642	5.9	ng	251885	5	21.781	849457	20.0
Cyclotridecane	21.411	3.6	ng	155065	5	21.781	849457	20.0
6-Methyl-2-phen...	22.609	15.6	ng	662554	5	21.781	849457	20.0
Eicosane	24.160	2.1	ng	96587	6	25.112	917206	20.0