LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054398.D
Acq On : 26 Jul 2022 14:50
Operator : CG/JU
Sample : N3839-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-5-(0-5)

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.030	3	7	16	rBV4	10913	22755	1.73%	0.418%
2	3.106	16	20	34	rVB	79543	127516	9.70%	2.343%
3	5.562	431	438	449	rBV	198389	334443	25.44%	6.144%
4	7.172	704	712	727	rBV	215425	390019	29.67%	7.165%
5	7.983	843	850	857	rBV	45748	78408	5.96%	1.440%
6	9.152	1041	1049	1057	rBV	128032	237877	18.10%	4.370%
7	10.797	1321	1329	1337	rBB	64612	116215	8.84%	2.135%
8	13.241	1738	1745	1755	rBV	434465	712227	54.18%	13.084%
9	14.622	1970	1980	1987	rBV	129896	209288	15.92%	3.845%
10	16.114	2227	2234	2244	rBV	455535	739074	56.22%	13.577%
11	17.366	2442	2447	2453	rBV	166912	265111	20.17%	4.870%
12	18.253	2595	2598	2603	rBV6	18099	32882	2.50%	0.604%
13	19.293	2773	2775	2778	rBV3	11596	14128	1.07%	0.260%
14	19.416	2793	2796	2803	rVB	26277	44919	3.42%	0.825%
15	19.781	2855	2858	2862	rVB	21329	27513	2.09%	0.505%
16	19.975	2885	2891	2897	rBV	960943	1314565	100.00%	24.150%
17	21.273	3108	3112	3119	rVB6	27816	45415	3.45%	0.834%
18	21.632	3166	3173	3179	rBV	206349	352858	26.84%	6.482%
19	23.288	3451	3455	3461	rVB4	17142	33930	2.58%	0.623%
20	24.828	3709	3717	3728	rVB2	126028	344256	26.19%	6.324%

Sum of corrected areas: 5443399

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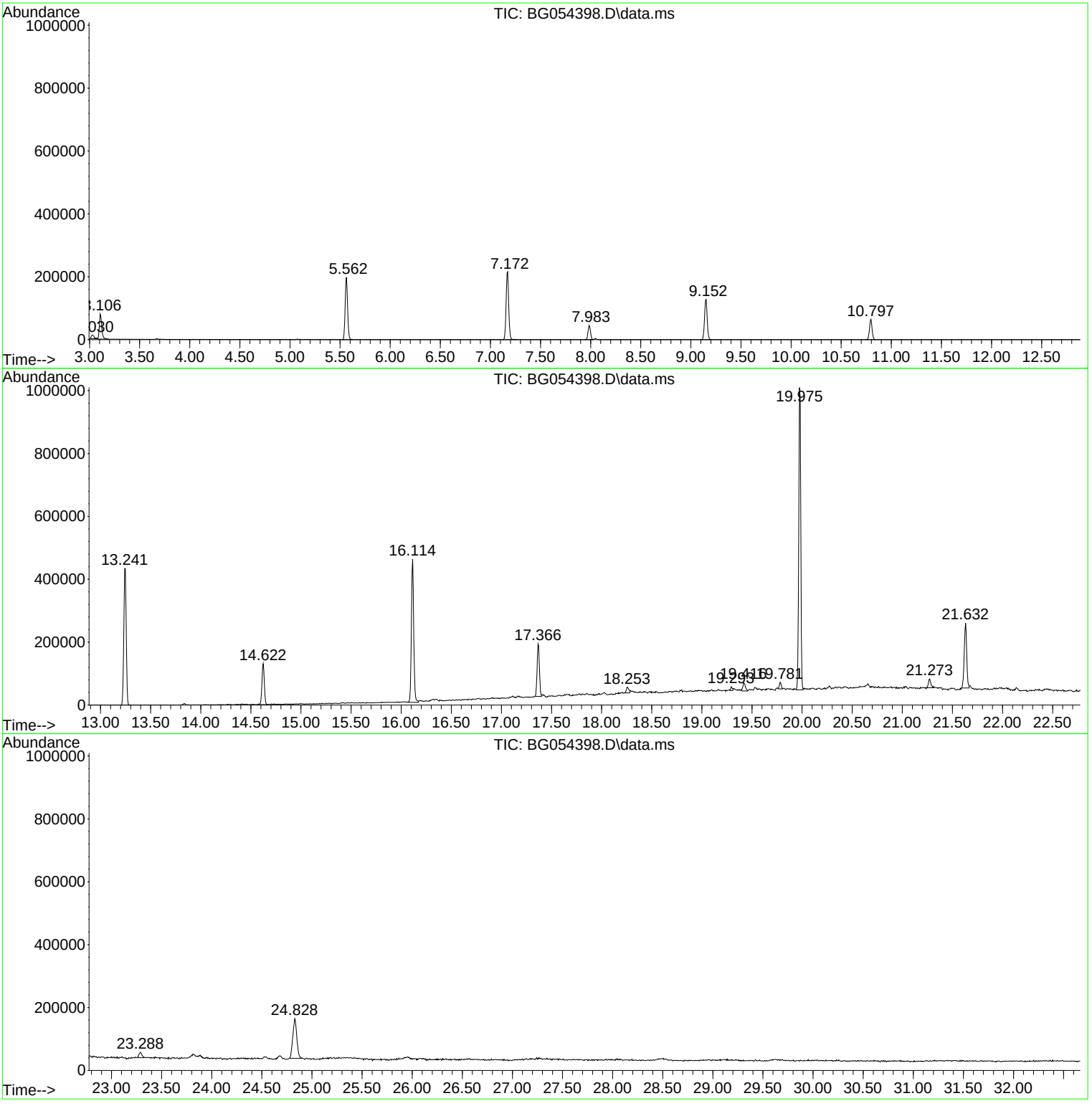
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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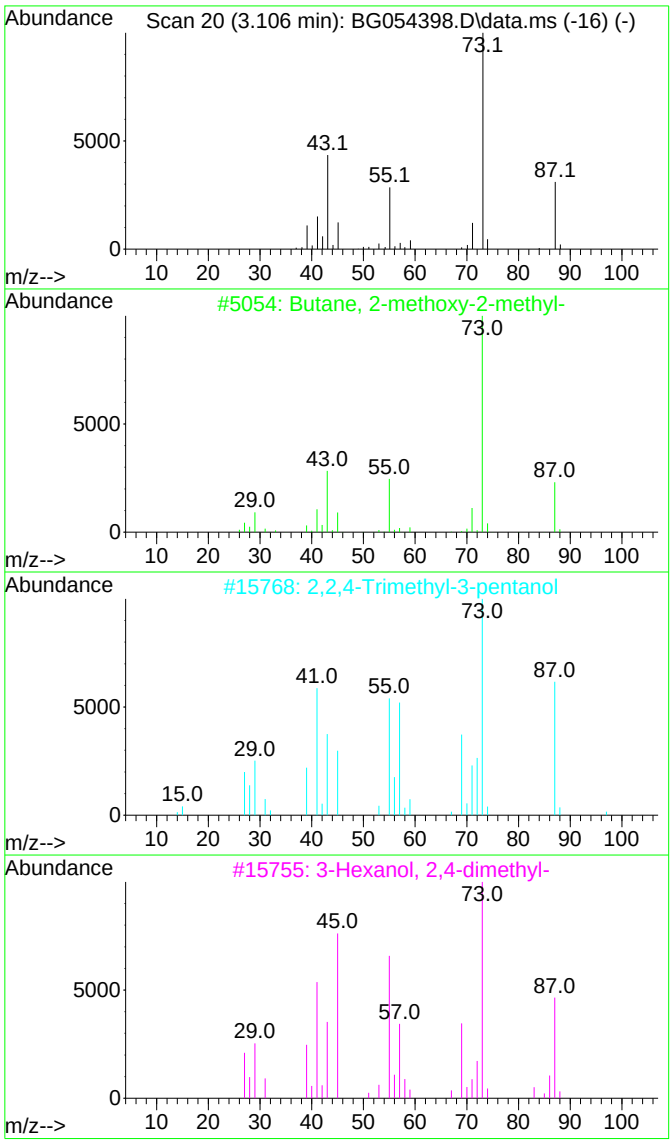
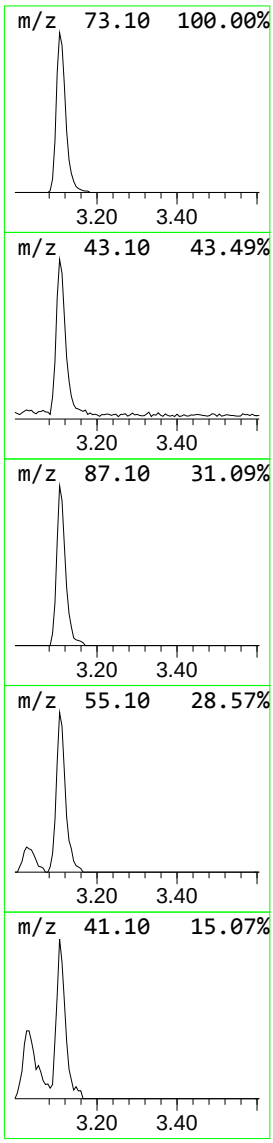
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.106	32.53 ng	127516	1,4-Dichlorobenzene-d4	7.983

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	33
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





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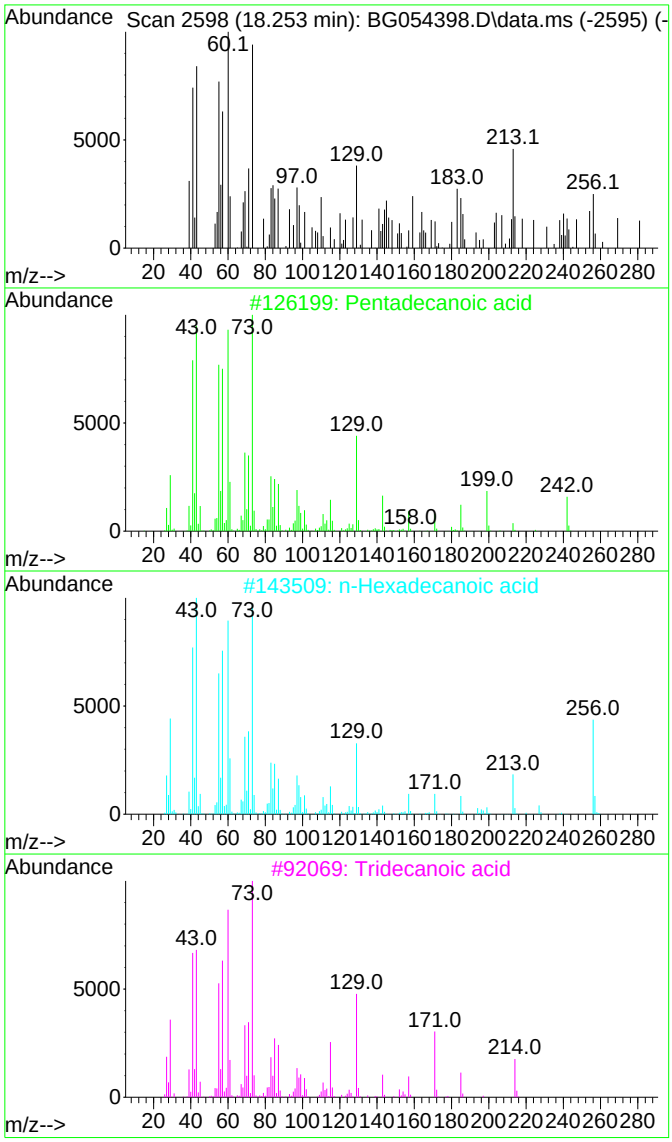
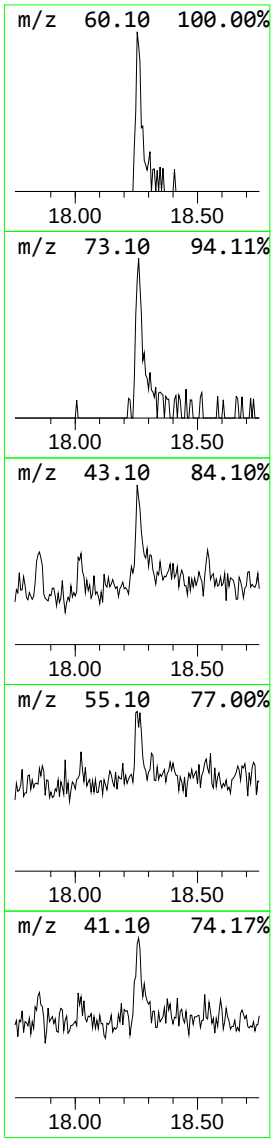
Peak Number 3 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	2.48 ng	32882	Phenanthrene-d10	17.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	84
3	Tridecanoic acid	214	C13H26O2	000638-53-9	45
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Quinic acid	192	C7H12O6	000077-95-2	38





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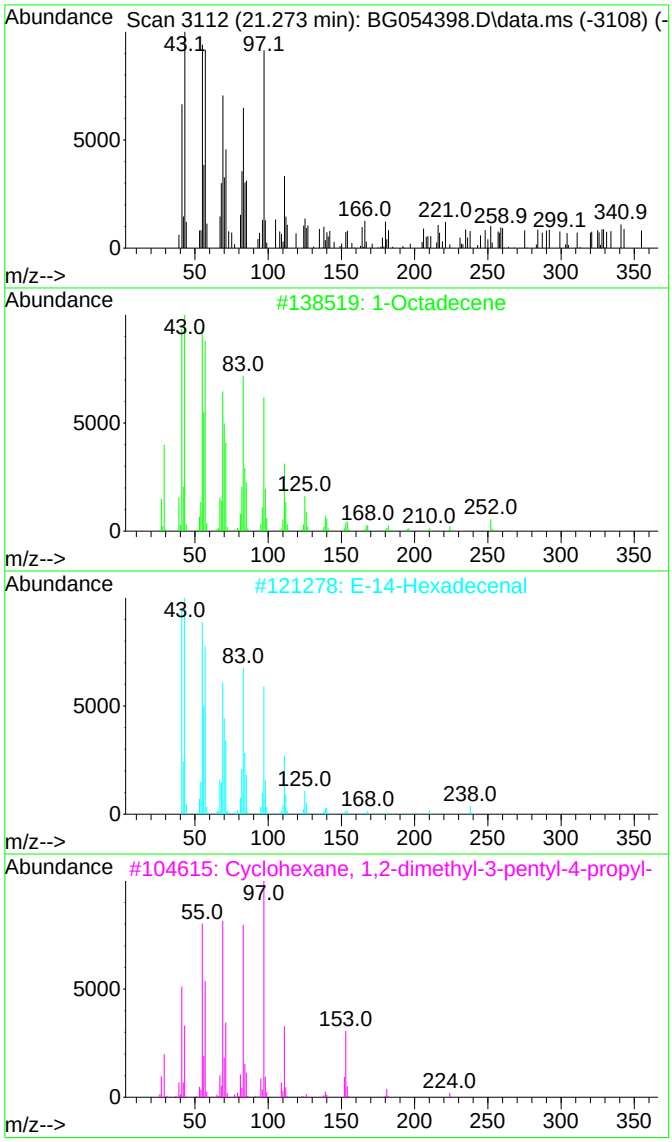
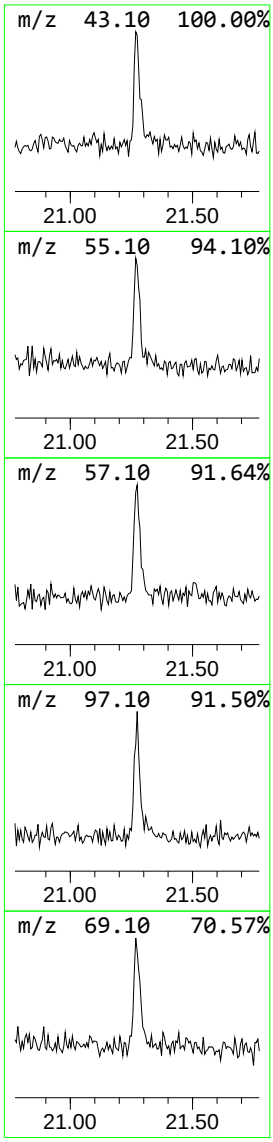
Peak Number 4 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.273	2.57 ng	45415	Chrysene-d12	21.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	83
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	70
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	70
4	2-Methyl-E-7-hexadecene	238	C17H34	064183-52-4	64
5	1-Hexadecanol	242	C16H34O	036653-82-4	55





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.106	32.5	ng	127516	1	7.983	78408	20.0
Pentadecanoic acid	18.253	2.5	ng	32882	4	17.366	265111	20.0
1-Octadecene	21.273	2.6	ng	45415	5	21.631	352858	20.0