LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049199.D
Acq On : 7 Jul 2021 14:41
Operator : CG/JU
Sample : M2933-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 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-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.137	8	17	25	rBV4	48916	155620	12.17%	1.868%
2	3.219	25	31	36	rVB4	13035	28223	2.21%	0.339%
3	5.170	358	363	370	rBV	11910	17925	1.40%	0.215%
4	5.640	436	443	452	rBV	357473	600900	46.99%	7.214%
5	7.238	706	715	724	rBV	364494	650393	50.86%	7.808%
6	8.084	851	859	867	rBV	141954	257427	20.13%	3.090%
7	9.254	1049	1058	1066	rBV	234670	428776	33.53%	5.148%
8	10.905	1331	1339	1348	rVB	188562	352212	27.54%	4.228%
9	13.349	1748	1755	1765	rVB	606862	935909	73.19%	11.236%
10	14.171	1890	1895	1900	rBV	61847	93691	7.33%	1.125%
11	14.730	1982	1990	1996	rBV	308713	482219	37.71%	5.789%
12	16.216	2237	2243	2256	rBV	536588	826324	64.62%	9.920%
13	17.479	2450	2458	2463	rBV	368474	569938	44.57%	6.842%
14	18.355	2602	2607	2613	rBV2	59102	85868	6.71%	1.031%
15	19.530	2802	2807	2811	rVB2	19045	27131	2.12%	0.326%
16	19.624	2819	2823	2826	rBV5	12009	15082	1.18%	0.181%
17	19.888	2865	2868	2874	rVB3	14070	25733	2.01%	0.309%
18	20.023	2887	2891	2893	rBV5	9665	12860	1.01%	0.154%
19	20.082	2895	2901	2907	rVB	998910	1278822	100.00%	15.352%
20	20.376	2945	2951	2952	rBV6	7596	14635	1.14%	0.176%
21	20.764	3015	3017	3021	rVB4	14321	18769	1.47%	0.225%
22	21.392	3119	3124	3135	rVB4	64543	132136	10.33%	1.586%
23	21.639	3162	3166	3175	rVB3	19984	42231	3.30%	0.507%
24	21.762	3179	3187	3193	rBV	366088	630054	49.27%	7.564%
25	25.064	3739	3749	3765	rVB3	209015	646889	50.58%	7.766%

Sum of corrected areas: 8329767

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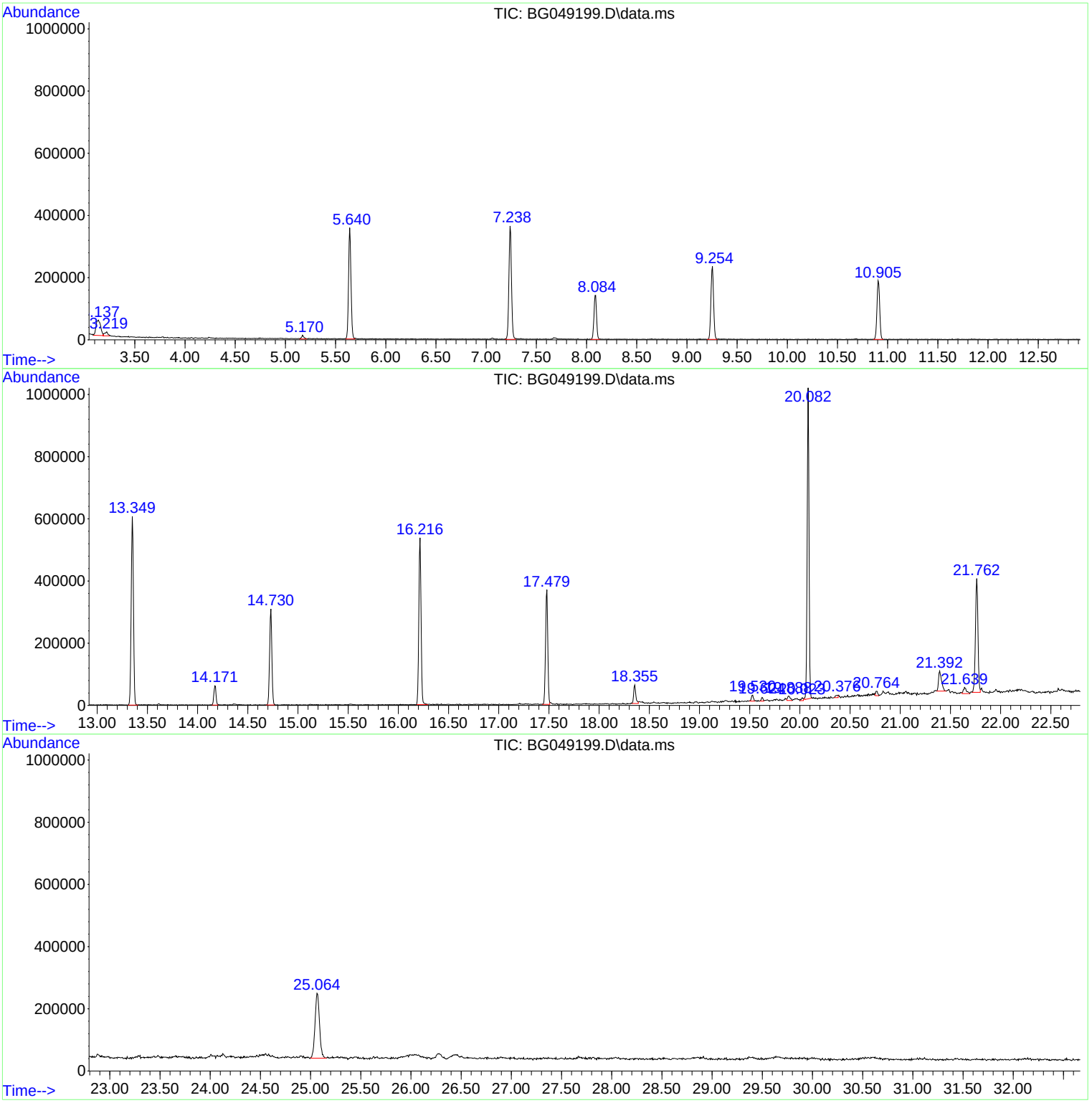
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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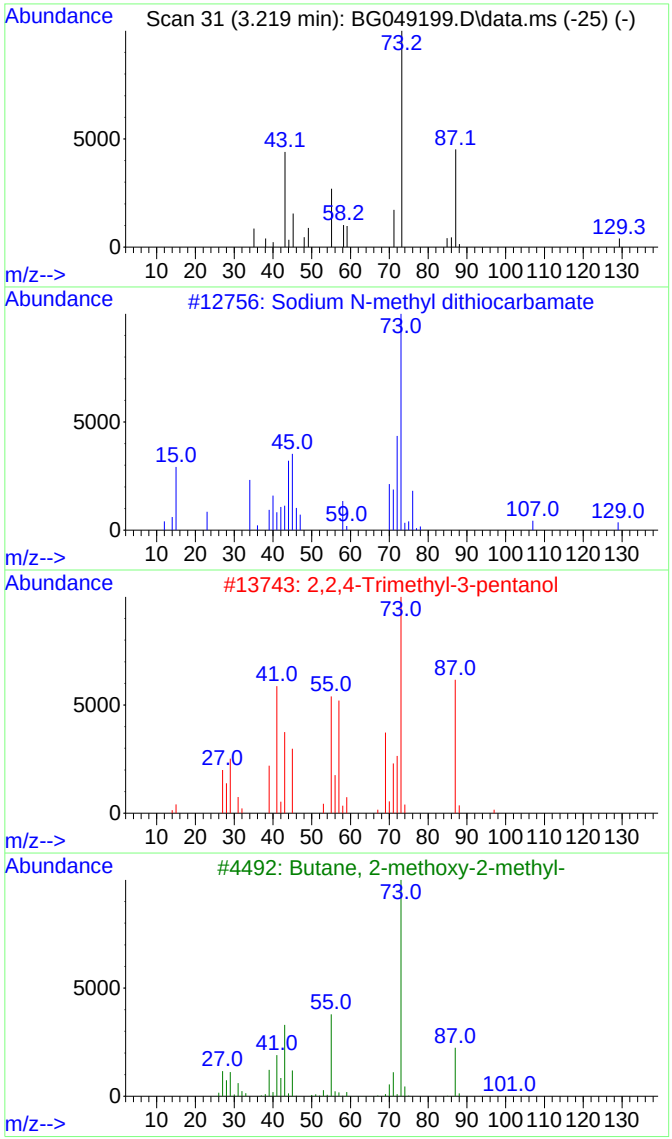
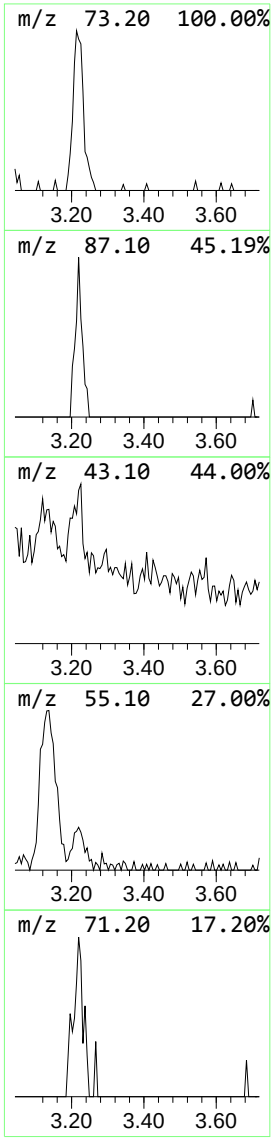
Peak Number 2 unknown3.219 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.219	2.19 ng	28223	1,4-Dichlorobenzene-d4	8.090

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sodium N-methyl dithiocarbamate	129	C2H4NNaS2	1000292-95-8	9
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





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BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
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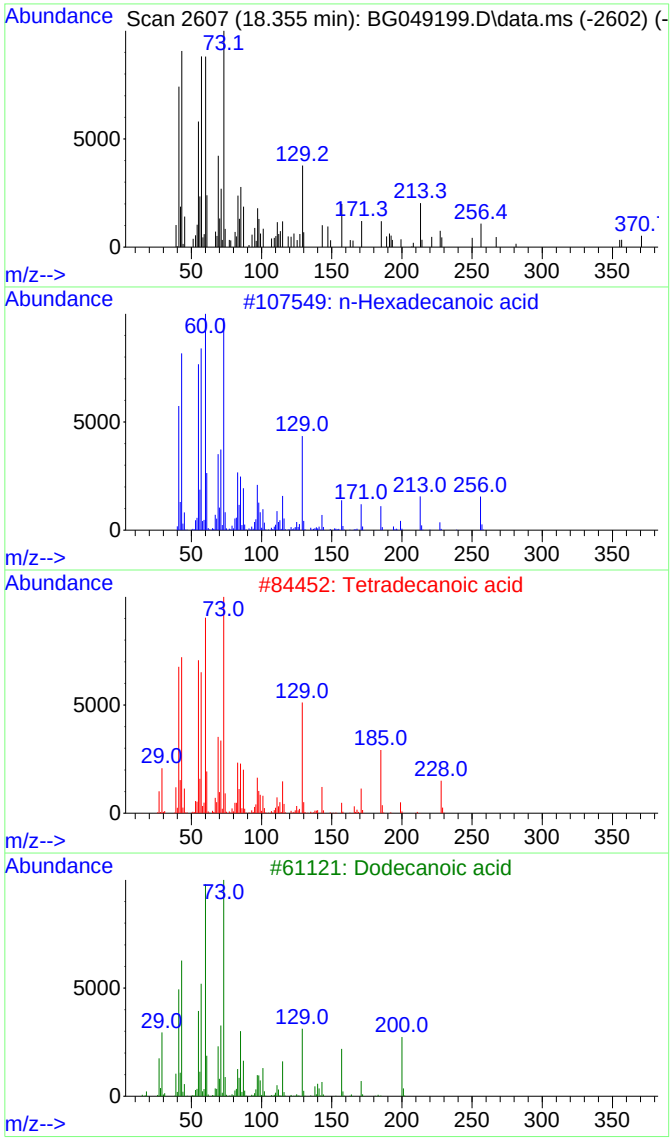
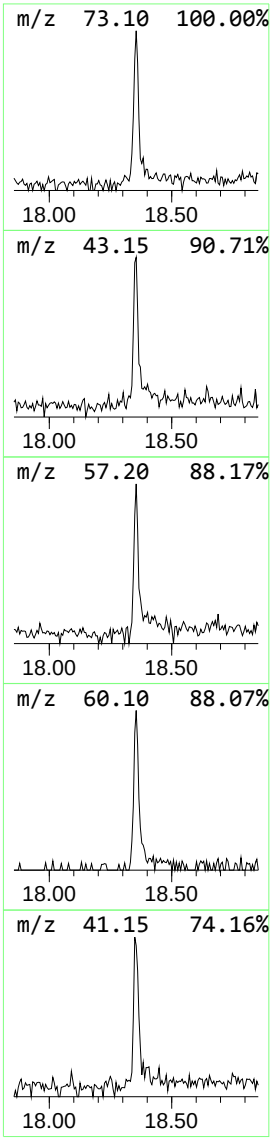
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.355	3.01 ng	85868	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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Instrument : BNA_G
ClientSampleId : 5

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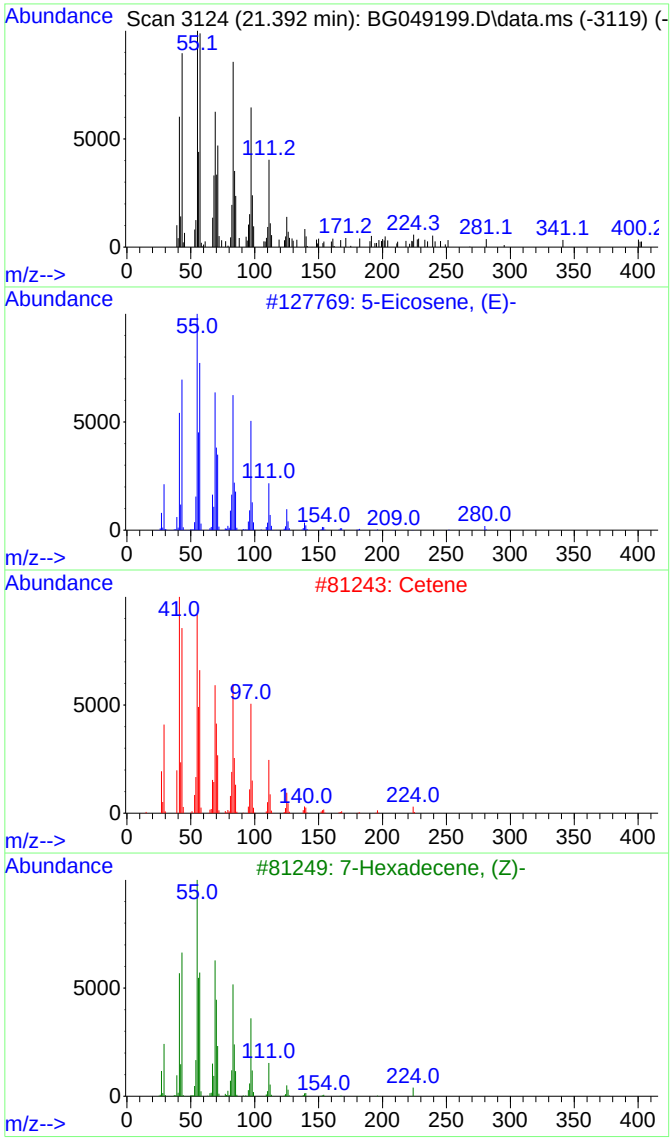
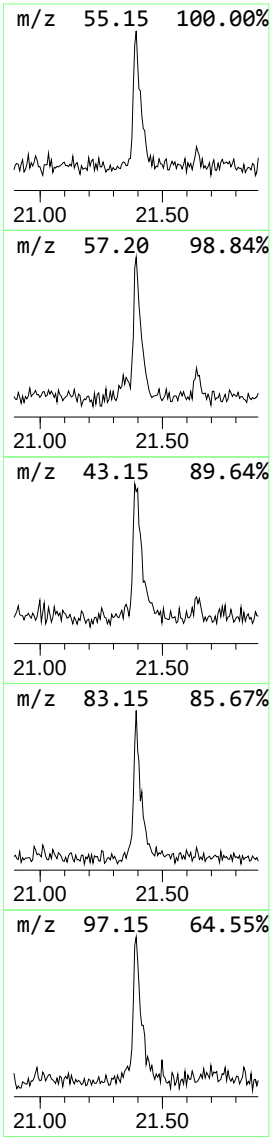
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	4.19 ng	132136	Chrysene-d12	21.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	Cetene	224	C16H32	000629-73-2	91
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	89
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.219	3.219	2.2	ng	28223	1	8.090	257427	20.0
n-Hexadecanoic ...	18.355	3.0	ng	85868	4	17.479	569938	20.0
5-Eicosene, (E)-	21.392	4.2	ng	132136	5	21.762	630054	20.0