LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055744.D
Acq On : 22 Nov 2022 17:54
Operator : CG/JU
Sample : N5642-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-31

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055744.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.291	336	341	349	rVB	79594	119005	5.36%	1.146%
2	5.773	416	423	434	rBV	505415	810144	36.48%	7.804%
3	7.389	690	698	716	rBV	507444	863177	38.86%	8.315%
4	8.241	836	843	850	rBV	118287	197779	8.90%	1.905%
5	9.416	1034	1043	1053	rBV	287805	516280	23.25%	4.973%
6	11.073	1318	1325	1332	rBV	153979	277393	12.49%	2.672%
7	13.488	1728	1736	1746	rBV	812558	1252253	56.38%	12.063%
8	14.863	1964	1970	1977	rVB	268644	425974	19.18%	4.103%
9	16.208	2193	2199	2206	rBV	19276	27954	1.26%	0.269%
10	16.349	2216	2223	2234	rBV	773549	1202155	54.13%	11.580%
11	17.606	2430	2437	2445	rBV	396436	599037	26.97%	5.770%
12	17.712	2449	2455	2460	rBV3	18064	26165	1.18%	0.252%
13	18.464	2578	2583	2602	rBV	119475	239434	10.78%	2.306%
14	19.727	2794	2798	2803	rBV4	23105	44181	1.99%	0.426%
15	20.192	2871	2877	2883	rBV	1755163	2221036	100.00%	21.395%
16	21.502	3096	3100	3112	rVB2	80362	173623	7.82%	1.672%
17	21.901	3162	3168	3176	rBV2	385080	651214	29.32%	6.273%
18	25.309	3739	3748	3762	rVB	248560	734393	33.07%	7.074%

Sum of corrected areas: 10381197

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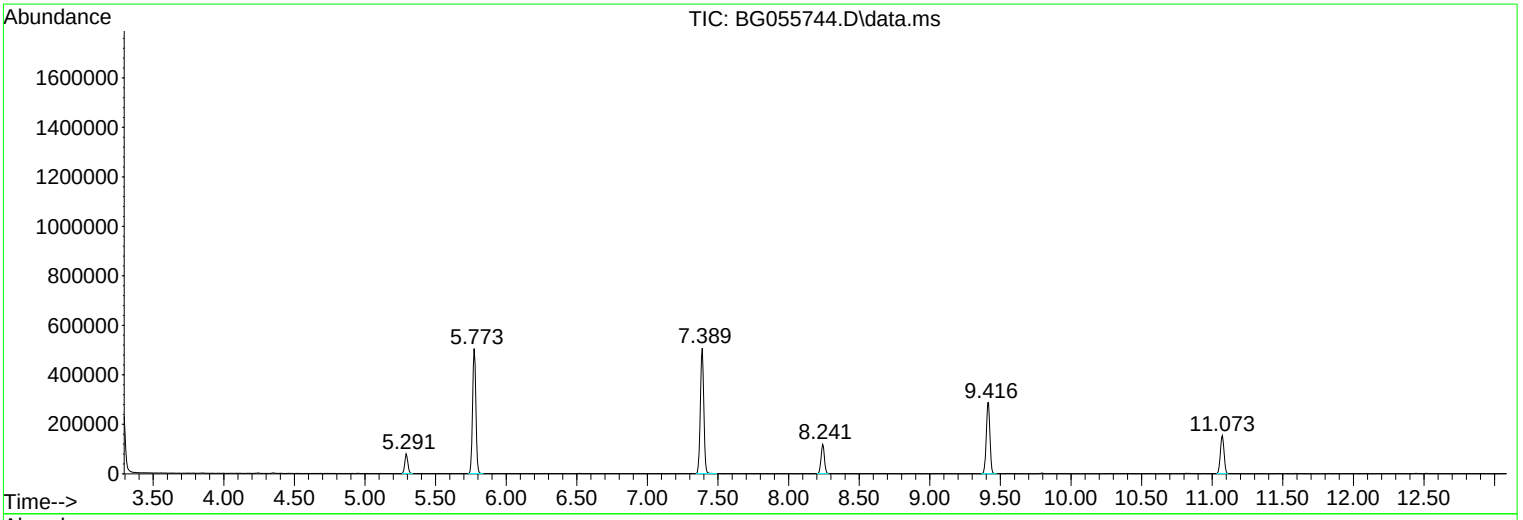
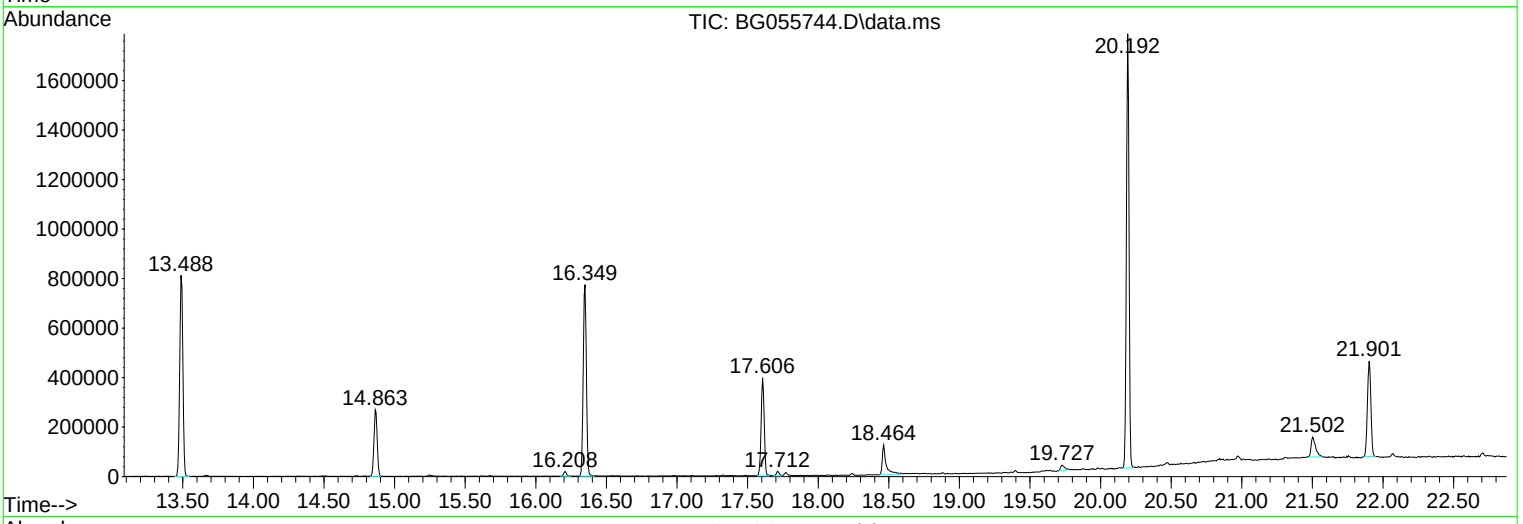
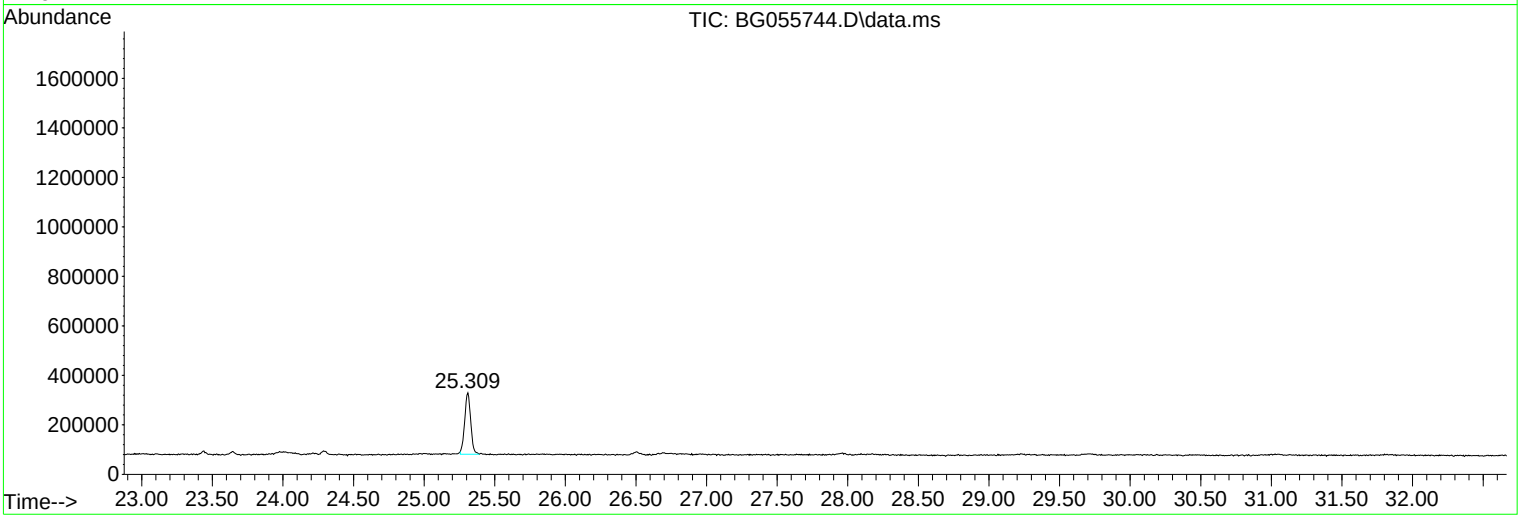
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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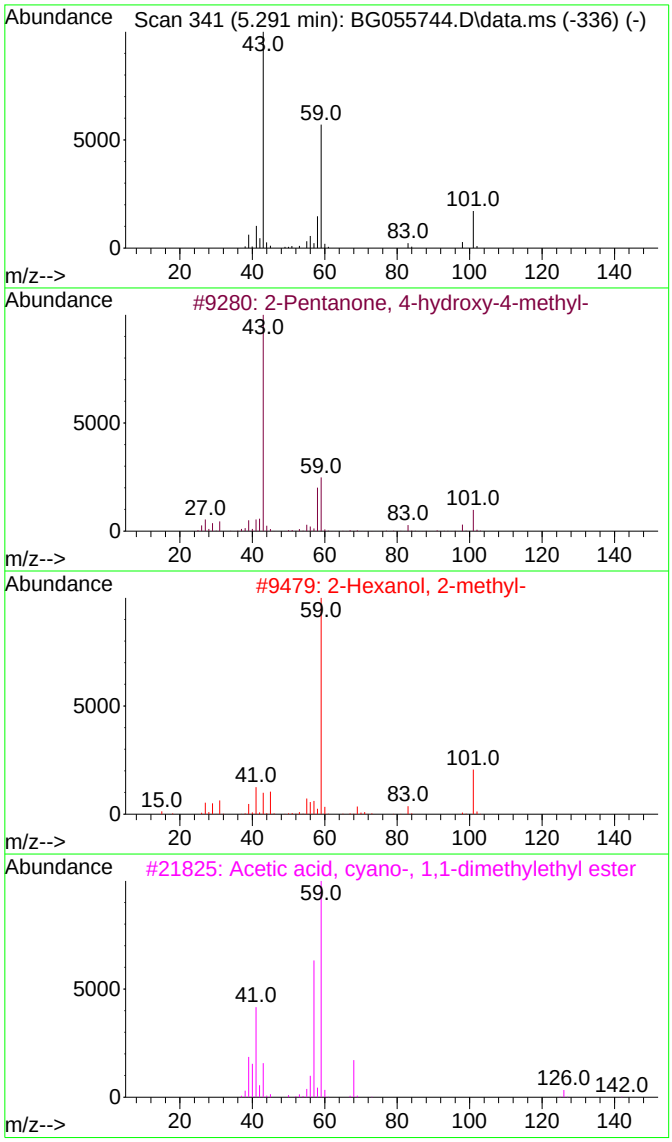
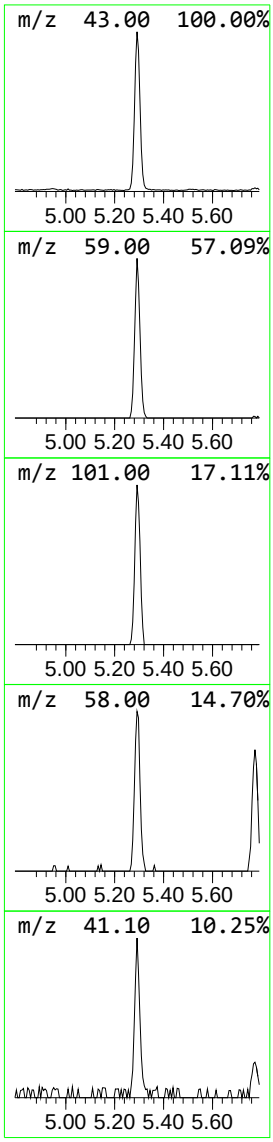
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.291	12.03 ng	119005	1,4-Dichlorobenzene-d4	8.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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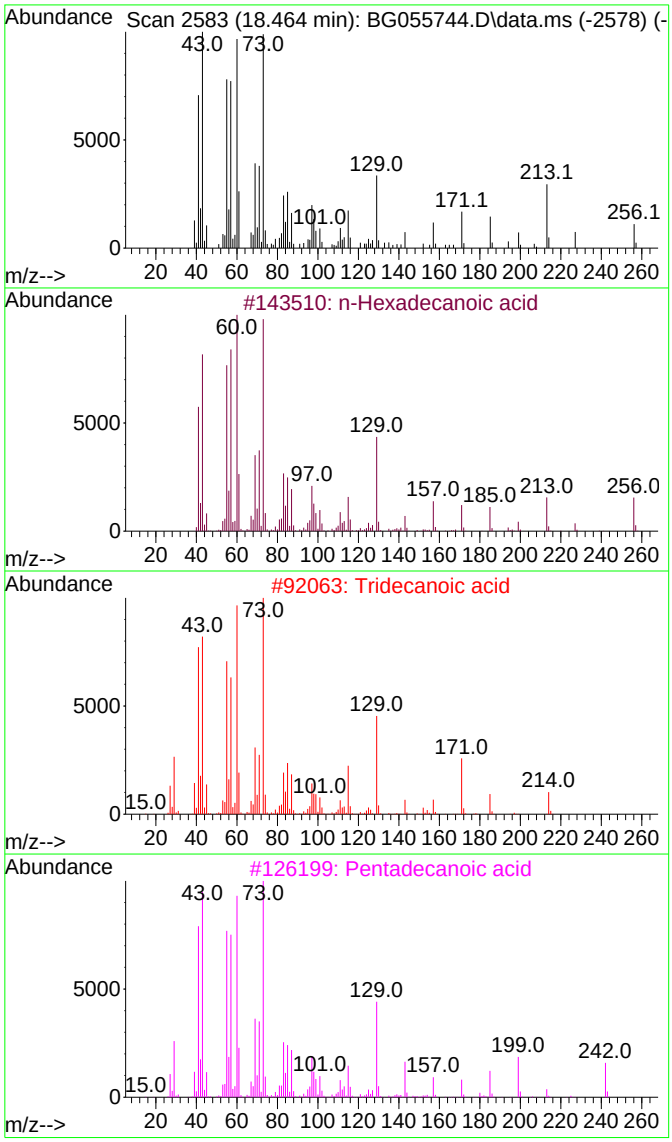
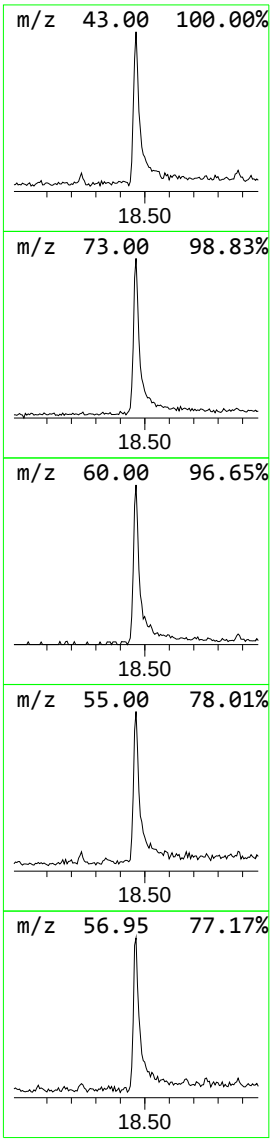
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.464	7.99 ng	239434	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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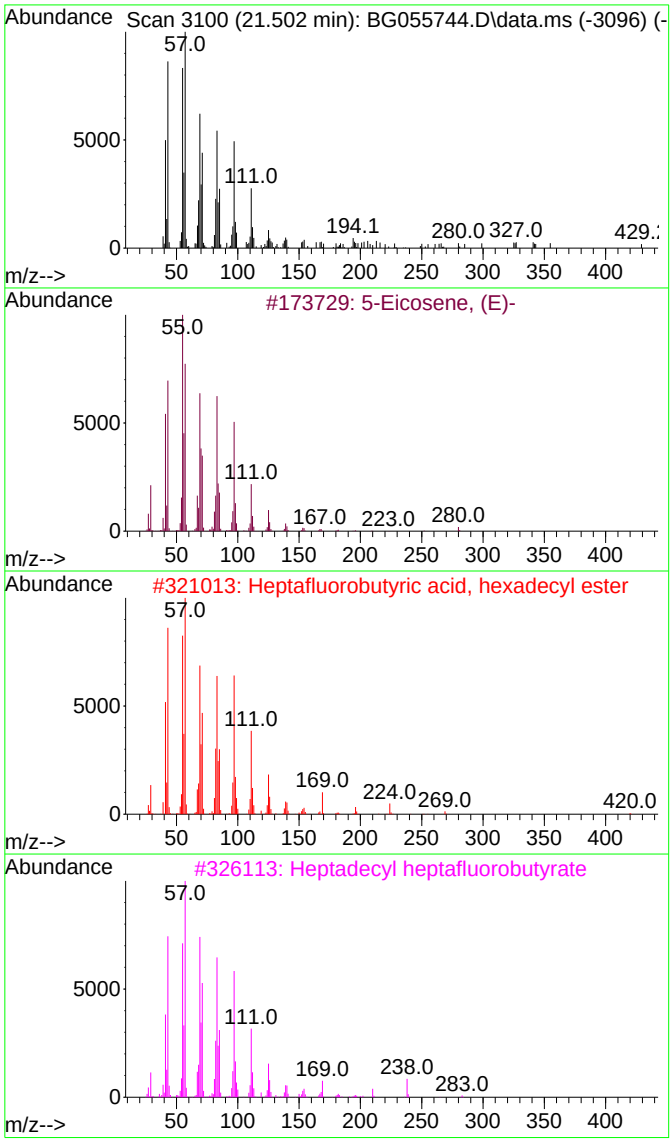
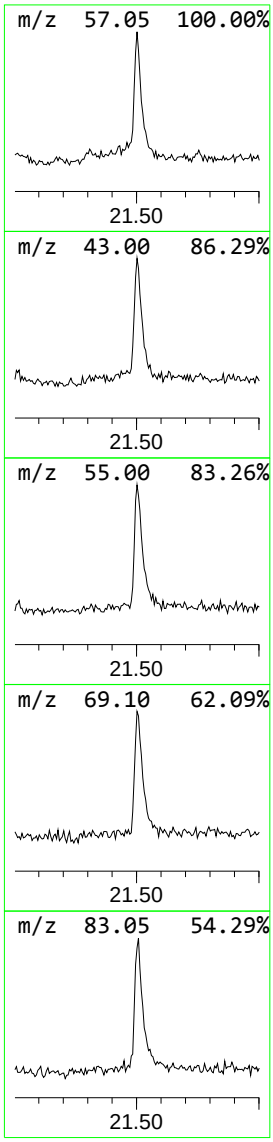
Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.502	5.33 ng	173623	Chrysene-d12	21.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.291	12.0	ng	119005	1	8.247	197779	20.0
n-Hexadecanoic ...	18.464	8.0	ng	239434	4	17.606	599037	20.0
5-Eicosene, (E)-	21.502	5.3	ng	173623	5	21.901	651214	20.0