LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055920.D
Acq On : 7 Dec 2022 19:05
Operator : CG/JU
Sample : N5895-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

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: BG055920.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.197	319	325	335	rBV	218002	334514	16.46%	3.329%
2	5.691	402	409	419	rBV	531460	842282	41.43%	8.381%
3	7.318	677	686	698	rBV	549728	932551	45.87%	9.280%
4	8.159	822	829	838	rVB	104840	171985	8.46%	1.711%
5	9.334	1021	1029	1042	rBV	326390	574986	28.28%	5.722%
6	10.985	1301	1310	1320	rBV	156098	268826	13.22%	2.675%
7	13.417	1716	1724	1736	rBV	890890	1375458	67.66%	13.687%
8	14.792	1952	1958	1965	rVB	270218	415540	20.44%	4.135%
9	16.137	2182	2187	2193	rBV	24997	36365	1.79%	0.362%
10	16.279	2205	2211	2229	rBV	724330	1140594	56.11%	11.350%
11	17.536	2418	2425	2431	rBV	344158	525480	25.85%	5.229%
12	18.400	2568	2572	2581	rBV2	27344	59811	2.94%	0.595%
13	19.575	2769	2772	2778	rVB	17123	24980	1.23%	0.249%
14	19.939	2830	2834	2841	rVB	22350	34252	1.68%	0.341%
15	20.121	2859	2865	2871	rBV	1521628	2032854	100.00%	20.229%
16	21.414	3081	3085	3101	rBV4	44844	145046	7.14%	1.443%
17	21.813	3147	3153	3159	rBV2	313131	537502	26.44%	5.349%
18	25.162	3714	3723	3734	rVB	208318	596281	29.33%	5.934%

Sum of corrected areas: 10049307

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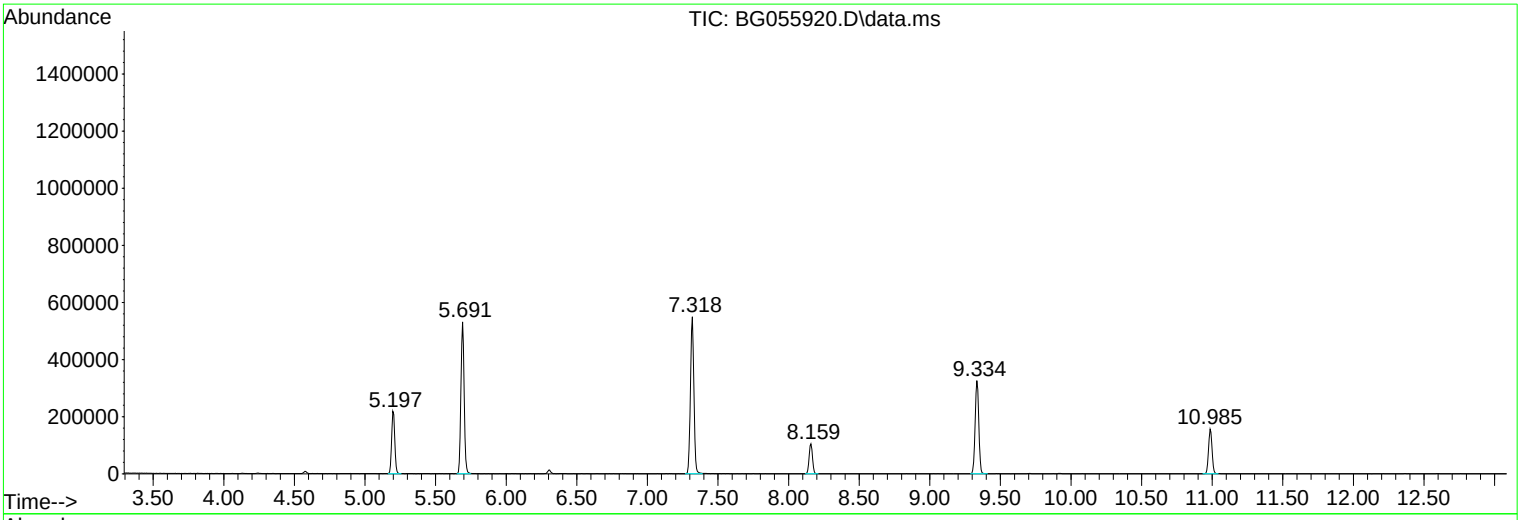
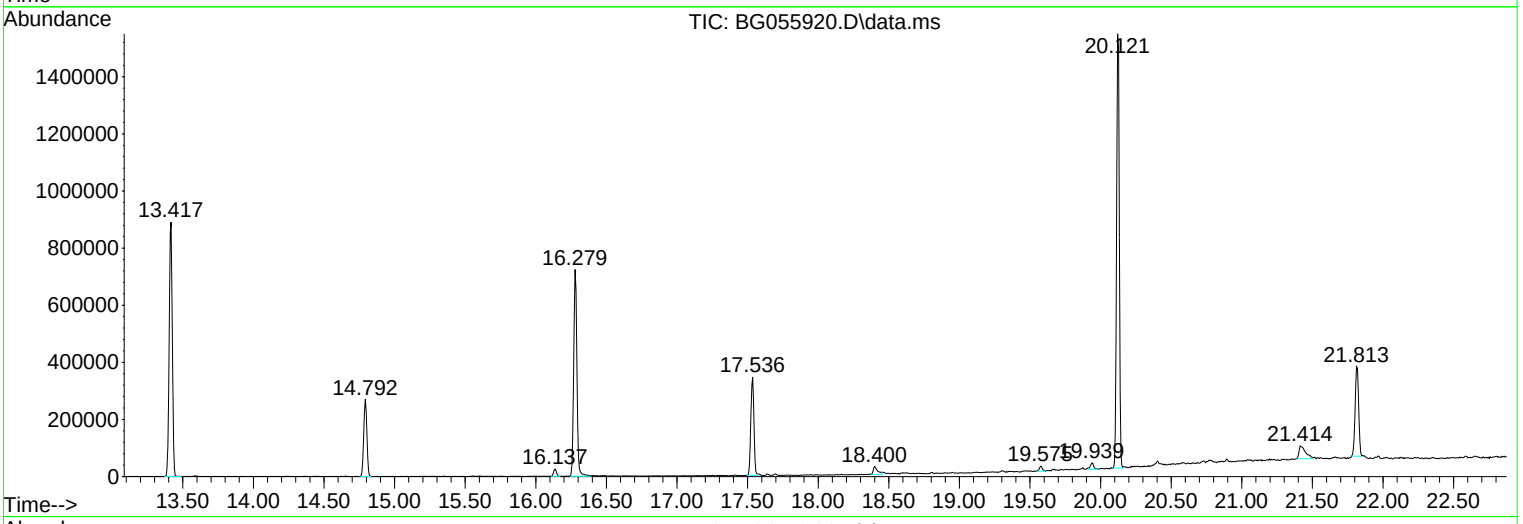
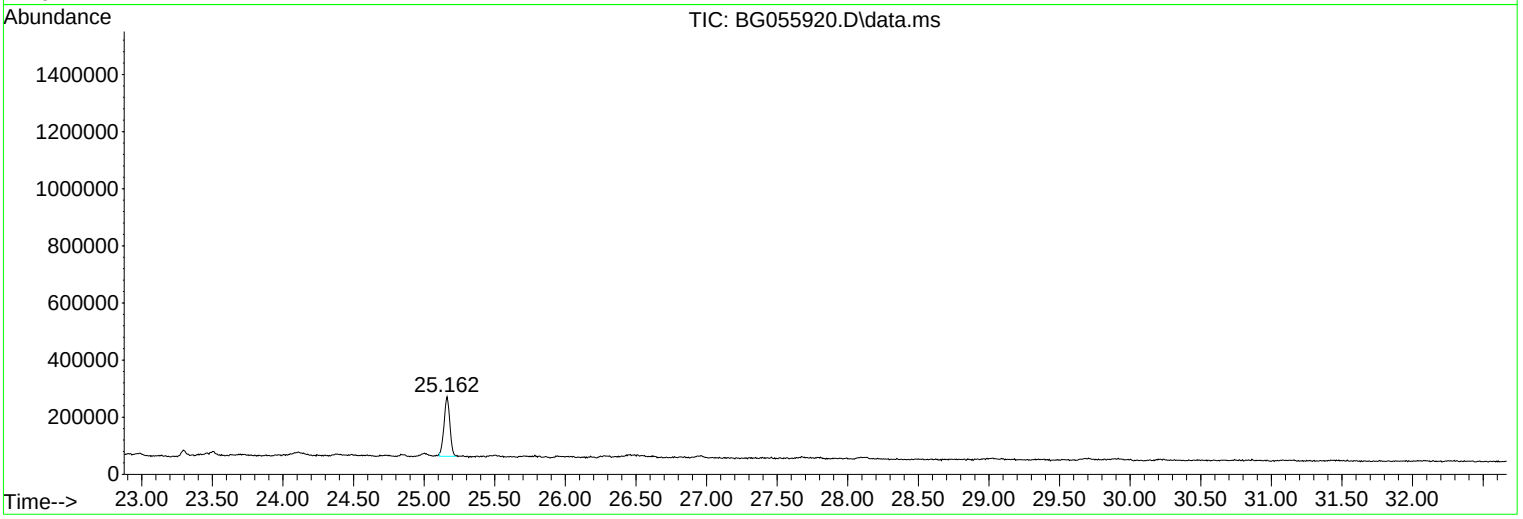
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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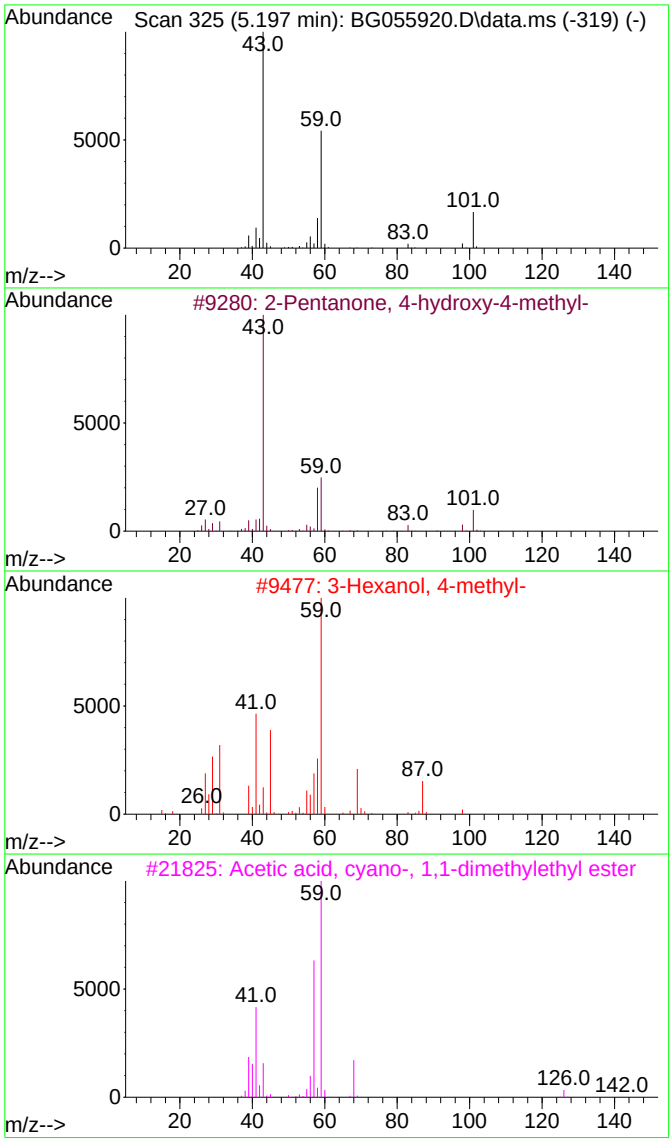
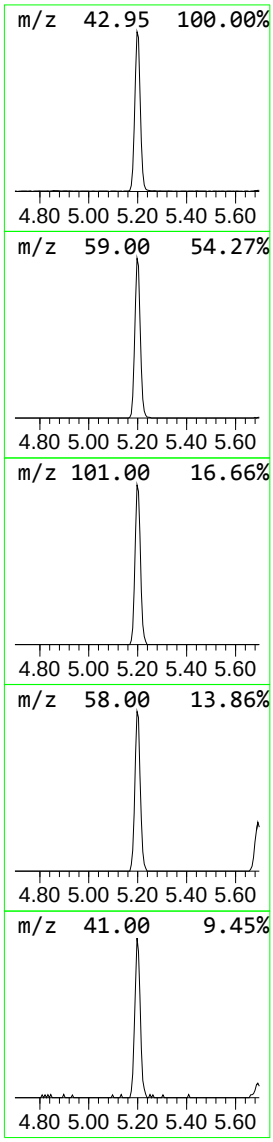
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.197	38.90 ng	334514	1,4-Dichlorobenzene-d4	8.159

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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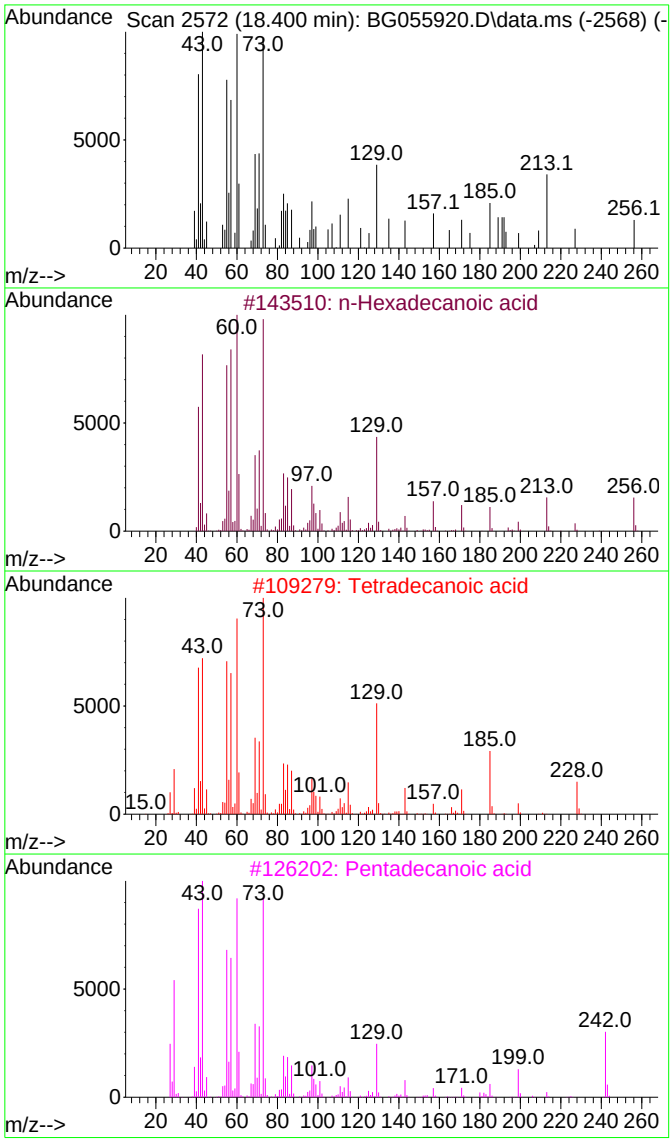
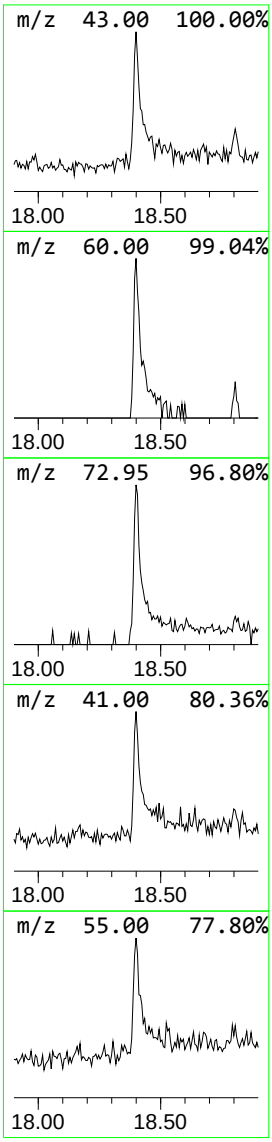
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.400	2.28 ng	59811	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	35





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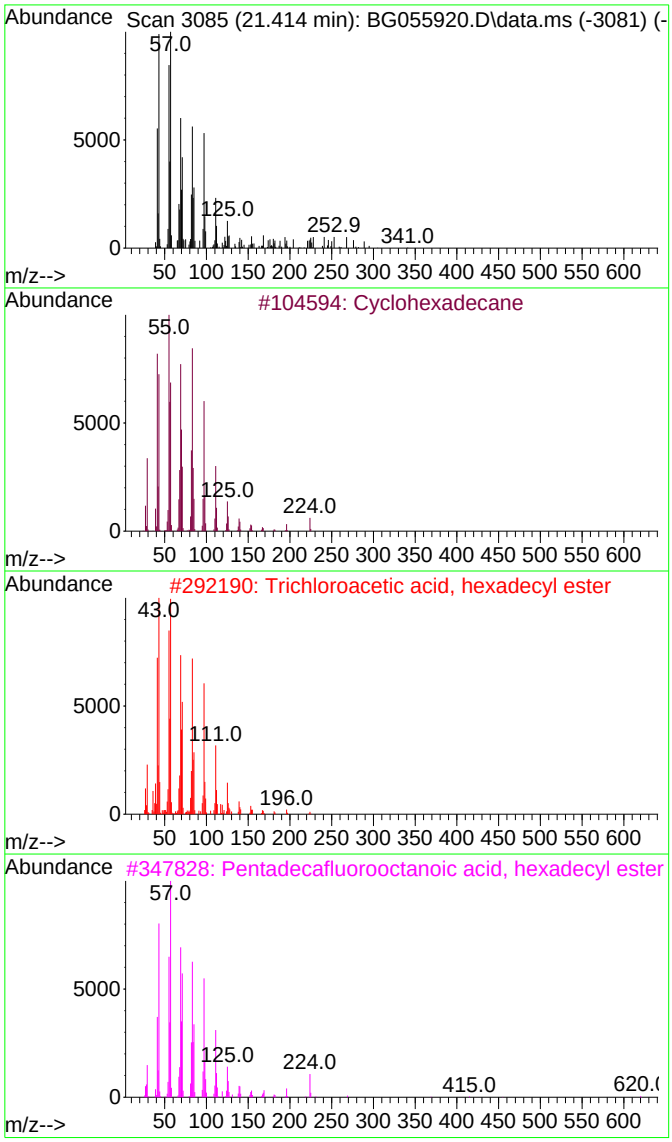
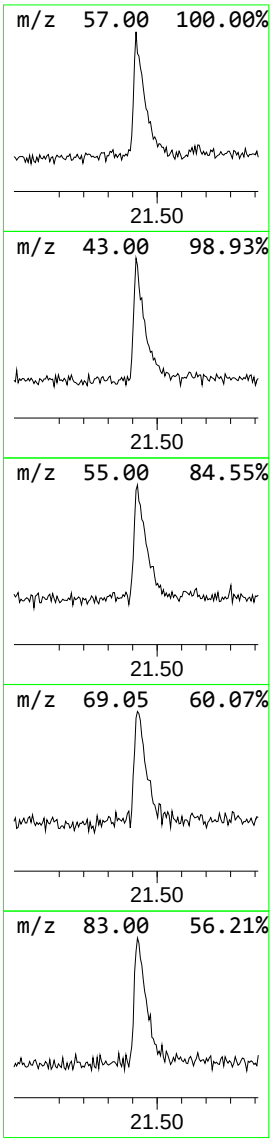
Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.414	5.40 ng	145046	Chrysene-d12	21.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90





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-...	5.197	38.9	ng	334514	1	8.159	171985	20.0
n-Hexadecanoic ...	18.400	2.3	ng	59811	4	17.536	525480	20.0
Cyclohexadecane	21.414	5.4	ng	145046	5	21.813	537502	20.0