LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055496.D
Acq On : 8 Nov 2022 3:46
Operator : CG/JU
Sample : N5415-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R-26

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.112	338	344	353	rBV	63340	95554	6.84%	1.240%
2	5.606	422	428	443	rVB	349669	553534	39.61%	7.184%
3	7.245	699	707	725	rBV	348744	601403	43.04%	7.805%
4	8.085	843	850	860	rVB	116219	190904	13.66%	2.478%
5	9.260	1043	1050	1063	rVB	226134	386283	27.64%	5.013%
6	10.911	1323	1331	1339	rBV	179503	307464	22.00%	3.990%
7	13.344	1738	1745	1754	rBV	744078	1083938	77.57%	14.068%
8	14.719	1973	1979	1988	rBV	287801	435906	31.19%	5.657%
9	16.205	2226	2232	2248	rBV	507767	778420	55.71%	10.103%
10	17.457	2439	2445	2451	rBV	329030	495338	35.45%	6.429%
11	18.326	2589	2593	2600	rBV2	30950	58079	4.16%	0.754%
12	19.501	2788	2793	2800	rBV	31955	48500	3.47%	0.629%
13	19.589	2805	2808	2815	rBV7	11513	22842	1.63%	0.296%
14	19.860	2851	2854	2861	rVB	29674	43687	3.13%	0.567%
15	20.048	2880	2886	2893	rBV	1113742	1397368	100.00%	18.135%
16	21.334	3101	3105	3118	rBV7	28330	82968	5.94%	1.077%
17	21.716	3163	3170	3176	rBV	326843	549899	39.35%	7.137%
18	24.977	3717	3725	3738	rVB2	204821	573120	41.01%	7.438%

Sum of corrected areas: 7705207

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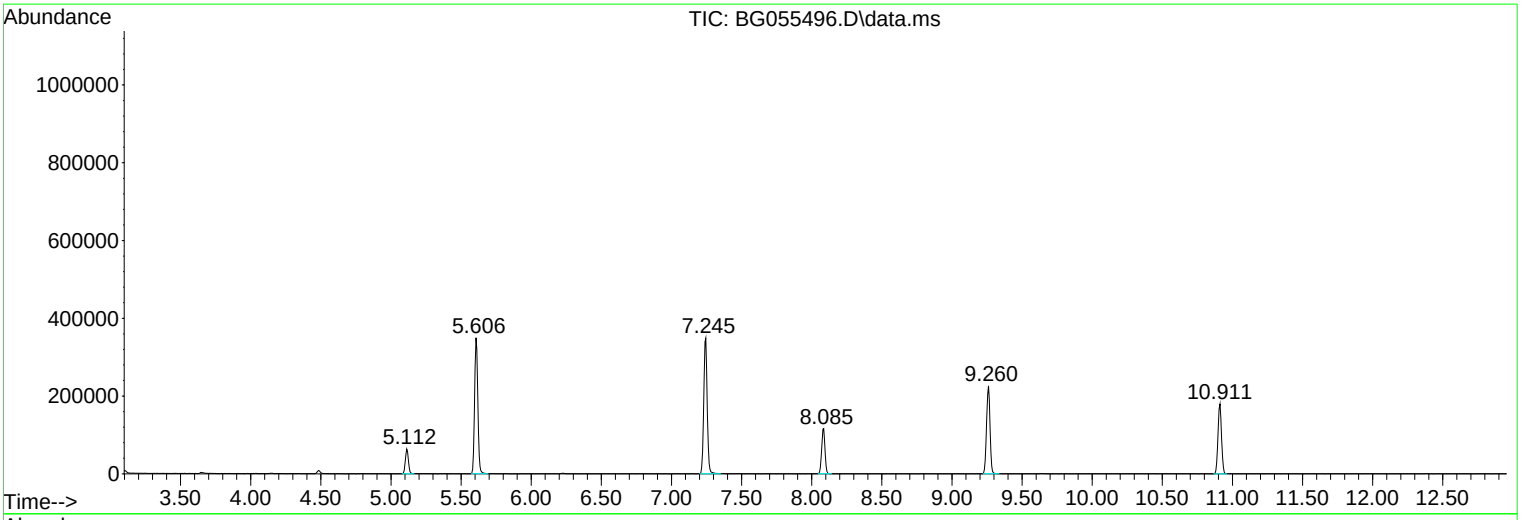
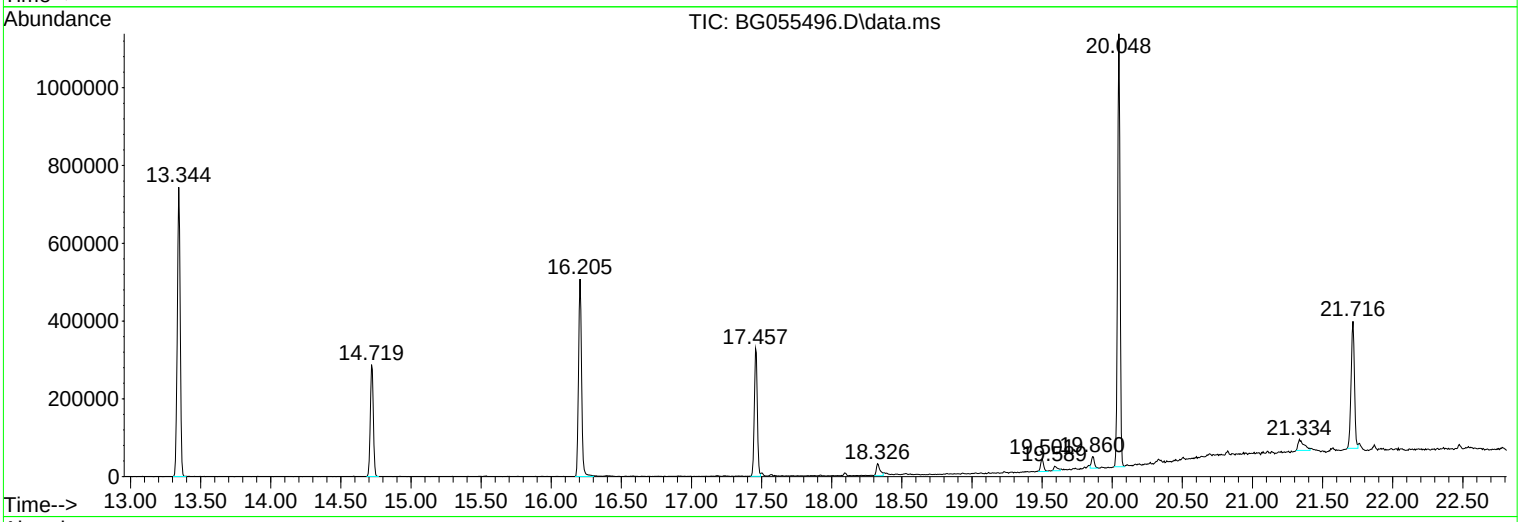
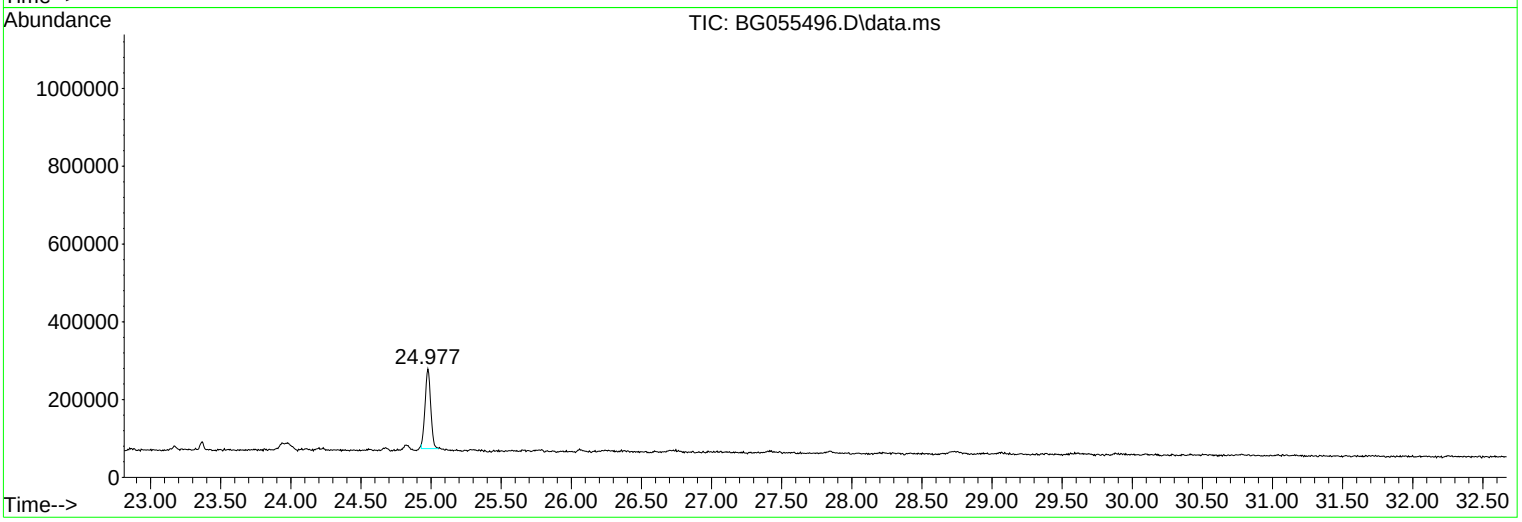
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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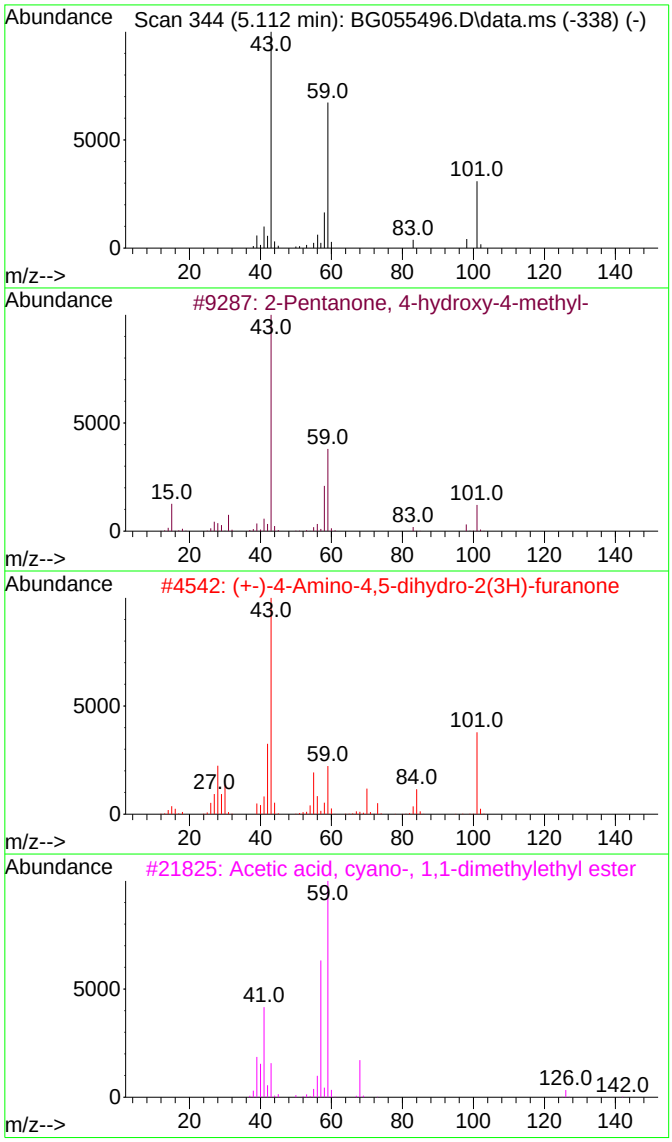
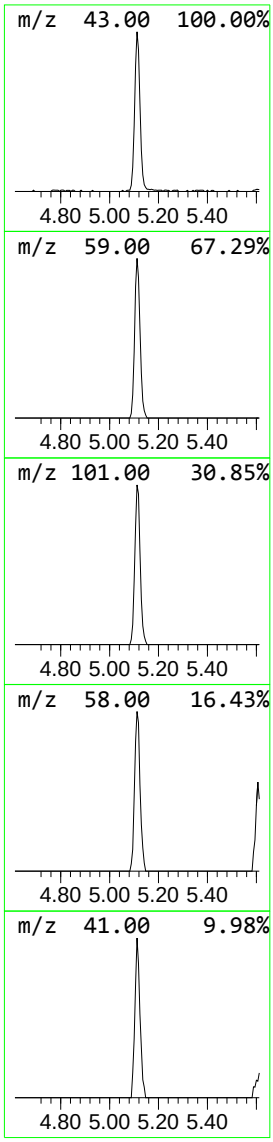
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.112	10.01 ng	95554	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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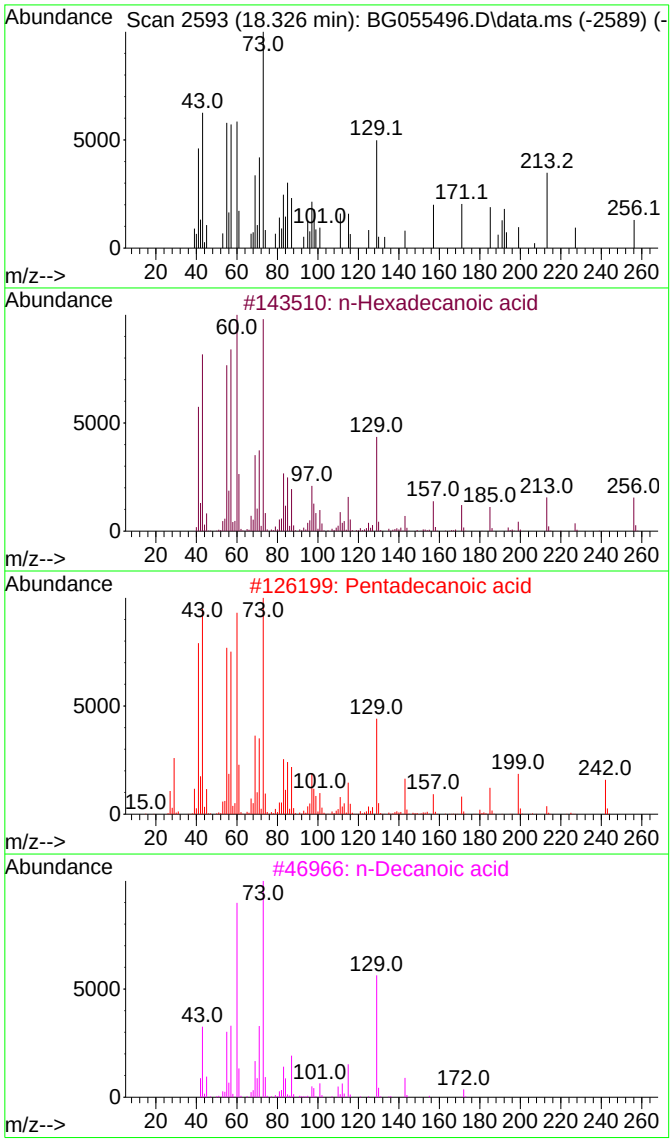
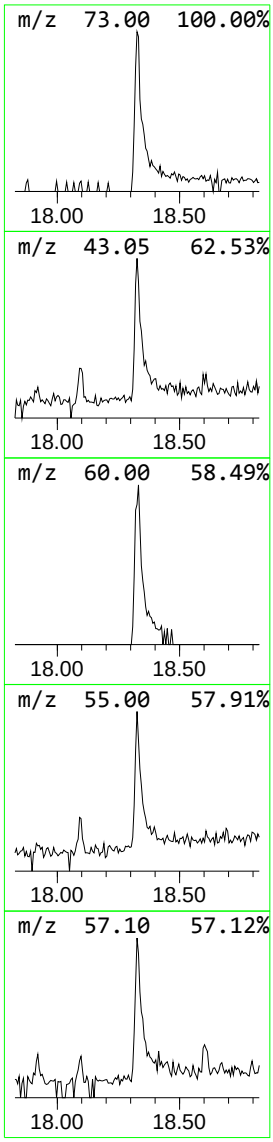
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	2.35 ng	58079	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	Undecanoic acid	186	C11H22O2	000112-37-8	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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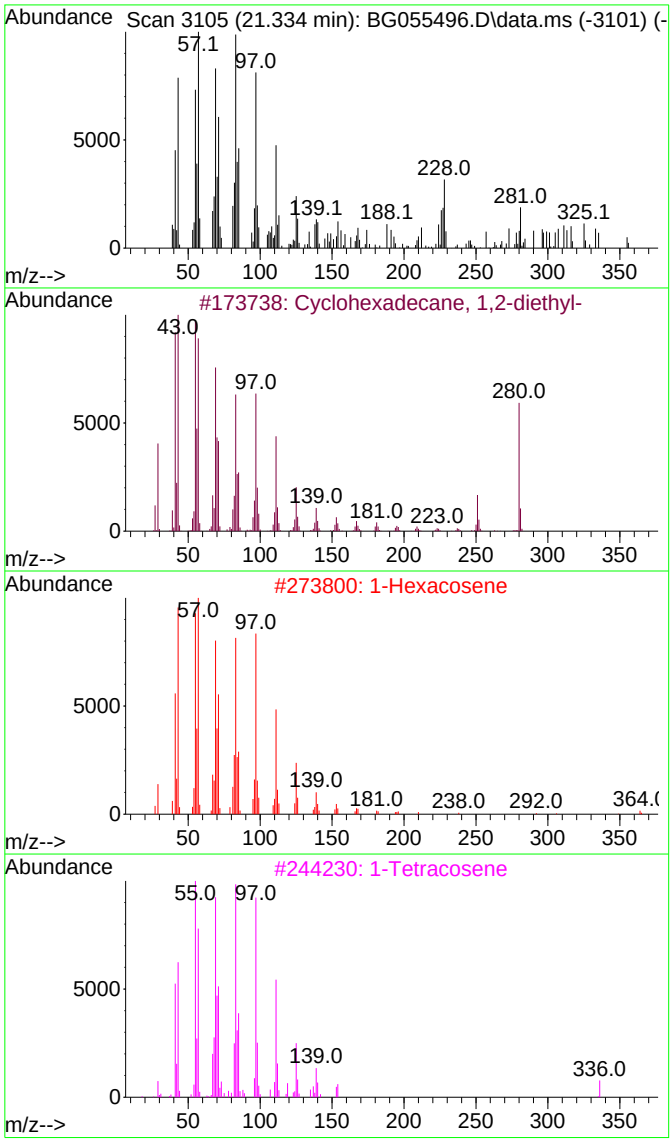
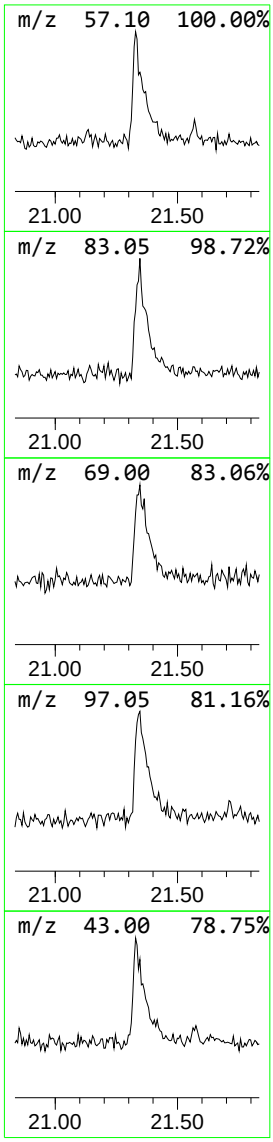
****
Peak Number 3 Cyclohexadecane, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.334	3.02 ng	82968	Chrysene-d12	21.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	1-Hexacosene	364	C26H52	018835-33-1	81
3	1-Tetracosene	336	C24H48	010192-32-2	81
4	Cyclohexadecane	224	C16H32	000295-65-8	81
5	Cycloeicosane	280	C20H40	000296-56-0	64





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-...	5.112	10.0	ng	95554	1	8.079	190904	20.0
n-Hexadecanoic ...	18.326	2.4	ng	58079	4	17.456	495338	20.0
Cyclohexadecane...	21.334	3.0	ng	82968	5	21.716	549899	20.0