LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053627.D
Acq On : 19 May 2022 15:36
Operator : CG/JU
Sample : N2865-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.167	297	303	310	rBV2	11656	21711	1.21%	0.257%
2	5.643	377	384	396	rBV	426318	712301	39.61%	8.434%
3	7.241	648	656	672	rBV	456034	831712	46.25%	9.848%
4	8.075	790	798	807	rBV	89526	158332	8.80%	1.875%
5	9.238	987	996	1008	rBV	291933	534116	29.70%	6.325%
6	10.883	1269	1276	1287	rBV	116662	220101	12.24%	2.606%
7	13.321	1685	1691	1703	rVB	698262	1089518	60.58%	12.901%
8	14.701	1917	1926	1934	rBV	226549	344051	19.13%	4.074%
9	16.187	2173	2179	2188	rBV	696389	1126002	62.61%	13.333%
10	17.444	2387	2393	2401	rBV	306017	474351	26.38%	5.617%
11	18.097	2500	2504	2509	rBV2	24574	31125	1.73%	0.369%
12	18.337	2539	2545	2552	rBV5	20945	51767	2.88%	0.613%
13	20.053	2831	2837	2842	rBV	1394854	1798352	100.00%	21.294%
14	21.351	3054	3058	3067	rBV9	30423	71183	3.96%	0.843%
15	21.592	3097	3099	3104	rVB	23674	27482	1.53%	0.325%
16	21.727	3116	3122	3130	rBV	287485	477473	26.55%	5.654%
17	24.999	3670	3679	3690	rBV2	165652	475589	26.45%	5.631%

Sum of corrected areas: 8445166

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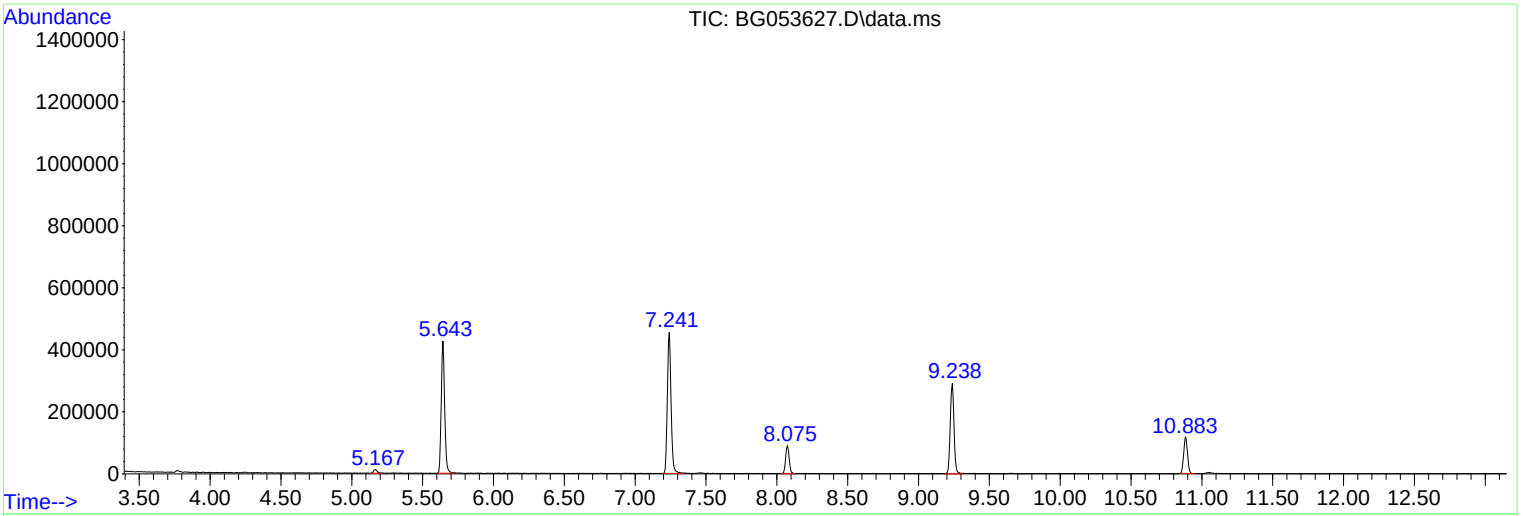
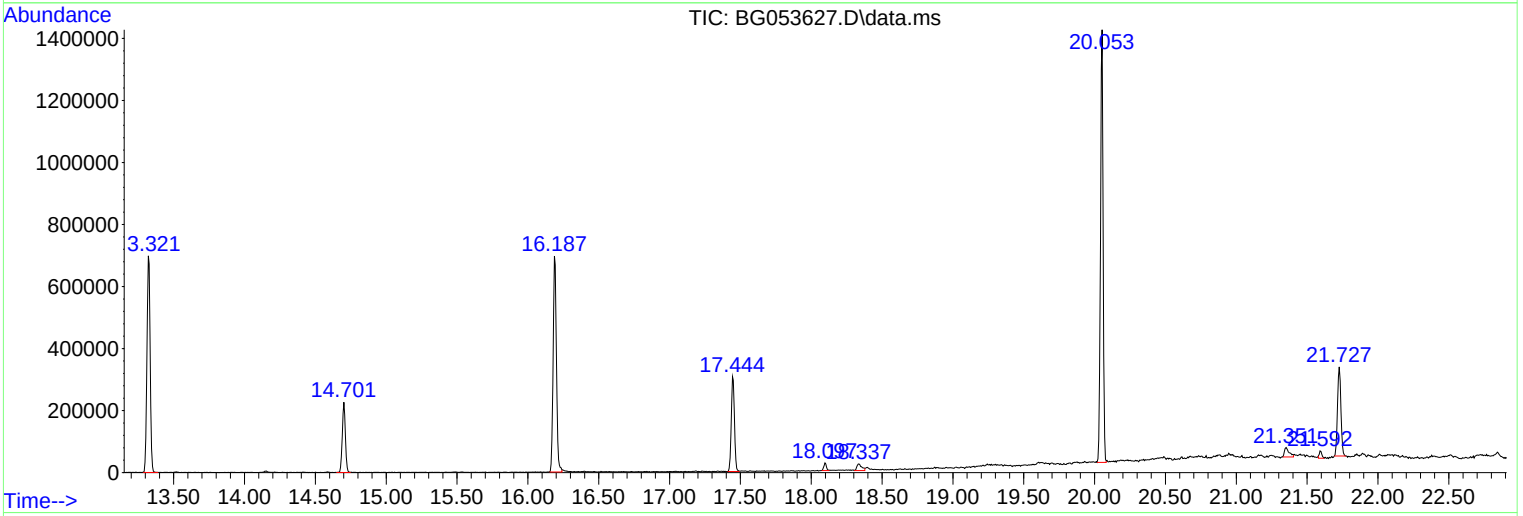
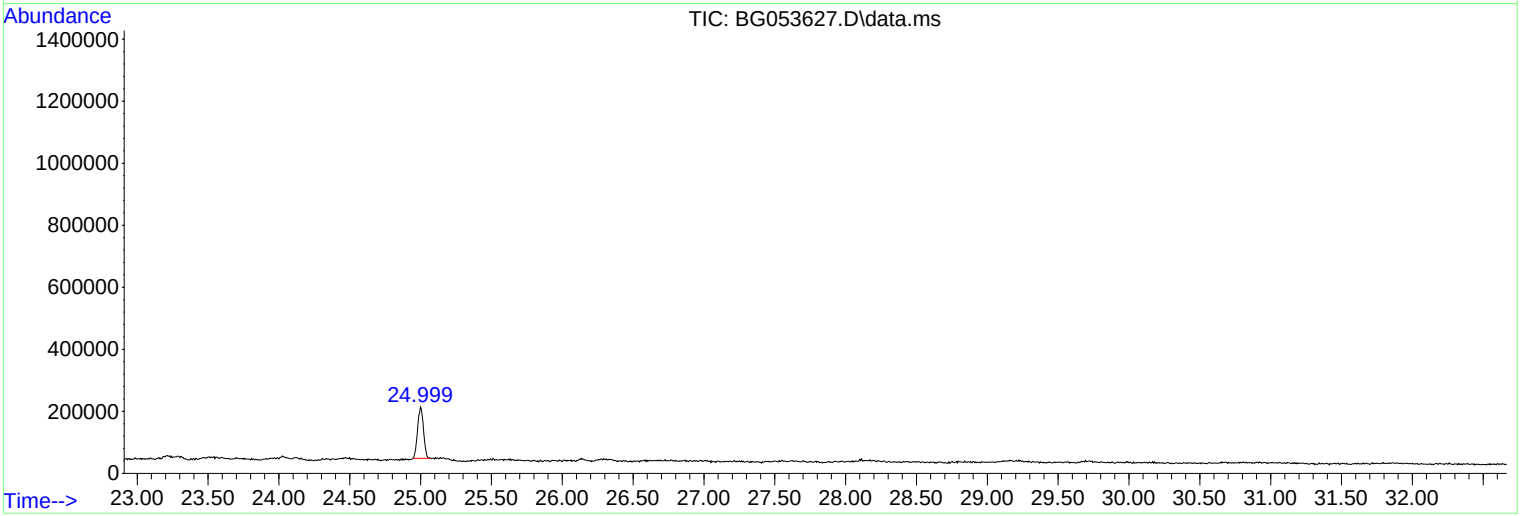
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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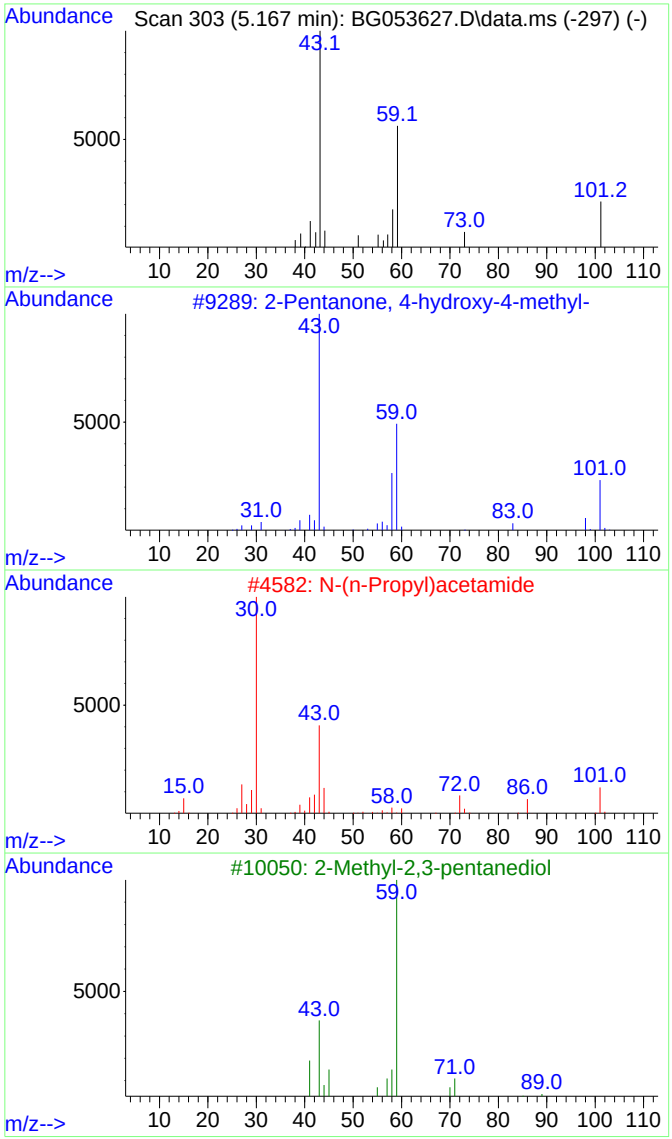
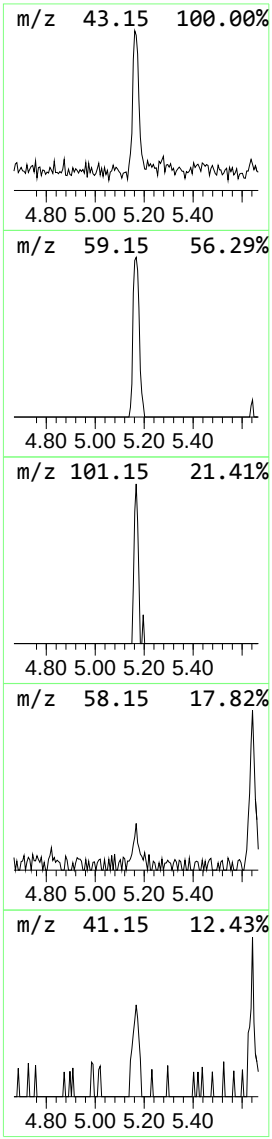
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.167	2.74 ng	21711	1,4-Dichlorobenzene-d4	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	25
3	2-Methyl-2,3-pentanediol	118	C6H14O2	007795-80-4	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9





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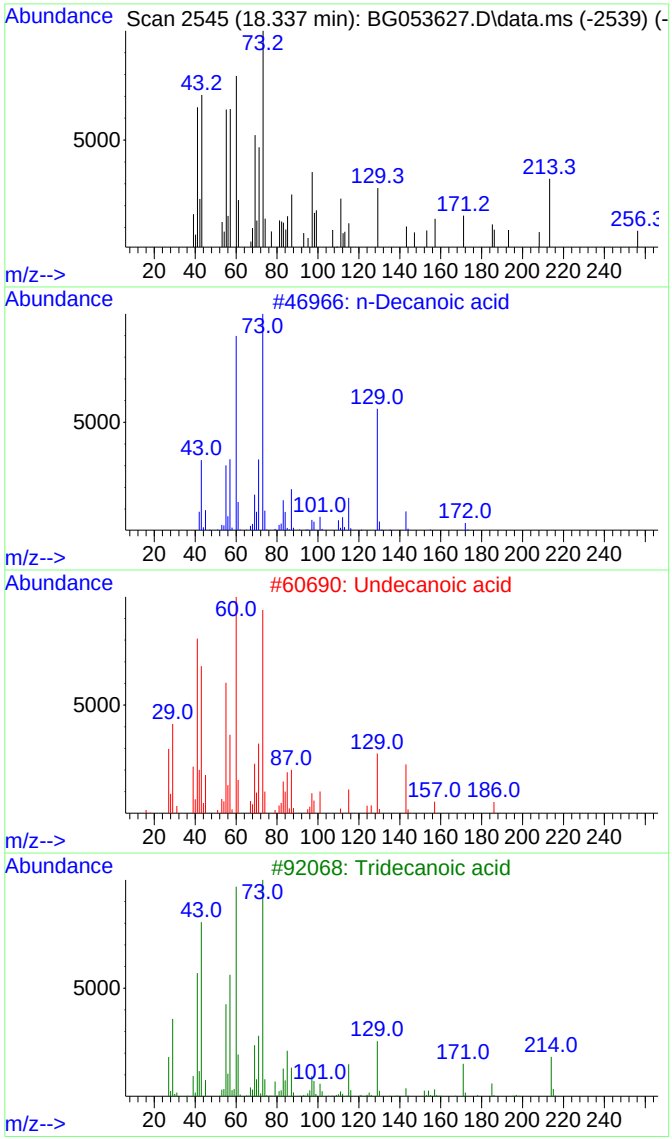
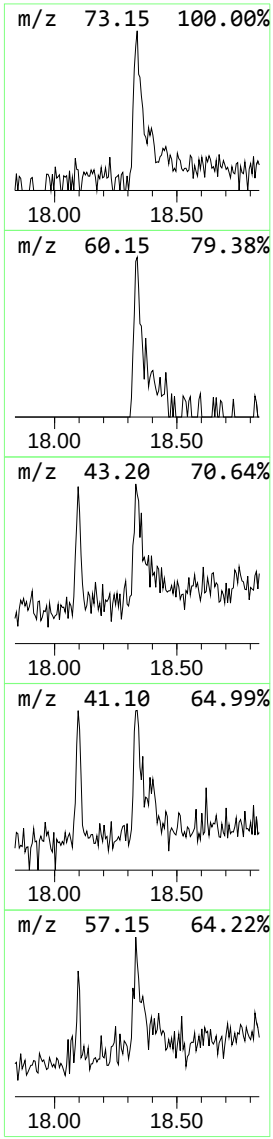
Peak Number 2 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.337	2.18 ng	51767	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	50
2	Undecanoic acid	186	C11H22O2	000112-37-8	49
3	Tridecanoic acid	214	C13H26O2	000638-53-9	43
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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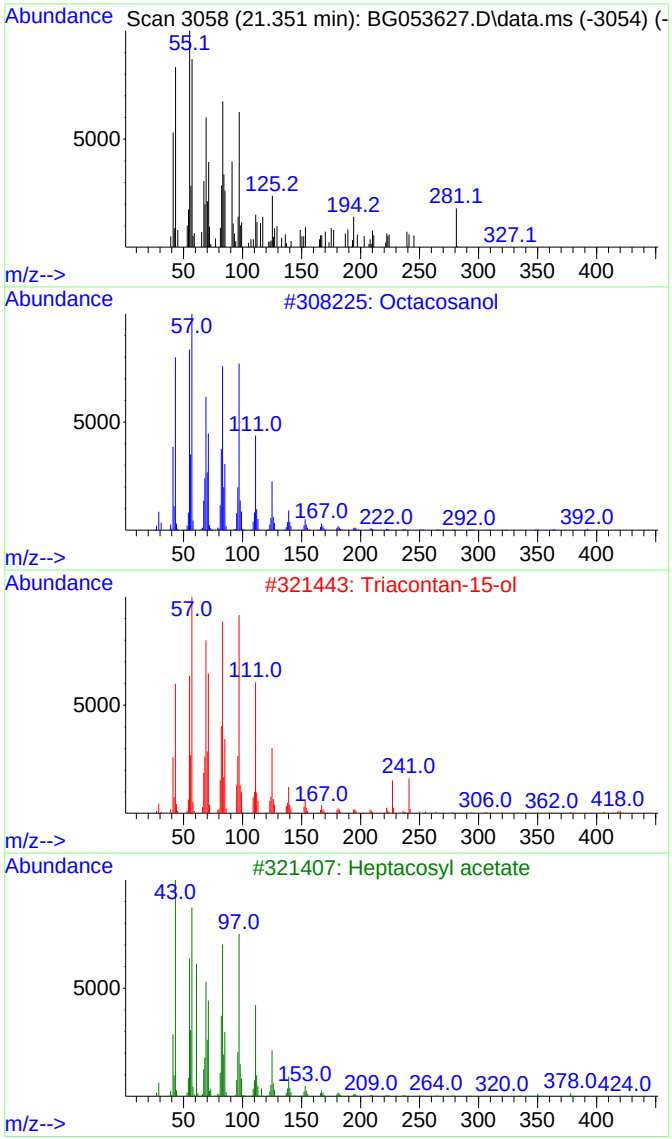
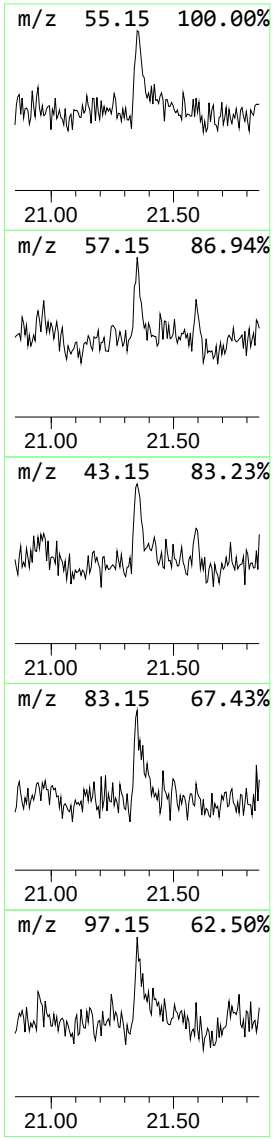
Peak Number 3 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.351	2.98 ng	71183	Chrysene-d12	21.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	74
2	Triacontan-15-ol	438	C30H62O	031849-26-0	72
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	68
4	Octacosyl acetate	452	C30H60O2	018206-97-8	68
5	1-Heptacosanol	396	C27H56O	002004-39-9	68





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-...	5.167	2.7	ng	21711	1	8.075	158332	20.0
n-Decanoic acid	18.337	2.2	ng	51767	4	17.444	474351	20.0
Octacosanol	21.351	3.0	ng	71183	5	21.727	477473	20.0