LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056558.D
Acq On : 6 Feb 2023 17:05
Operator : CG/JU
Sample : 01414-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-123-2(0-5)

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.308	337	344	351	rBV	88048	138751	7.96%	1.504%
2	5.796	420	427	439	rVB	363951	593886	34.08%	6.438%
3	7.424	695	704	718	rBV	354580	631778	36.26%	6.849%
4	8.276	842	849	857	rBV	124655	207834	11.93%	2.253%
5	9.451	1041	1049	1057	rBV	208603	375103	21.53%	4.066%
6	11.108	1323	1331	1338	rBV	162820	289326	16.60%	3.136%
7	13.516	1734	1741	1752	rBV	764975	1145291	65.72%	12.415%
8	14.891	1969	1975	1983	rBV	281412	449986	25.82%	4.878%
9	16.237	2198	2204	2209	rBB	16251	23941	1.37%	0.260%
10	16.378	2221	2228	2242	rBV	540129	840074	48.21%	9.107%
11	17.635	2435	2442	2446	rBV	371714	579157	33.24%	6.278%
12	17.676	2446	2449	2455	rVB	52539	75289	4.32%	0.816%
13	17.770	2461	2465	2471	rVB2	11274	17615	1.01%	0.191%
14	18.475	2582	2585	2594	rBV4	28331	61800	3.55%	0.670%
15	18.552	2594	2598	2603	rVB2	12677	22464	1.29%	0.244%
16	18.704	2618	2624	2627	rBV3	13589	27491	1.58%	0.298%
17	19.668	2782	2788	2793	rBV	159631	223443	12.82%	2.422%
18	19.991	2839	2843	2846	rBV2	24441	45539	2.61%	0.494%
19	20.032	2846	2850	2856	rVV	140883	204173	11.72%	2.213%
20	20.209	2874	2880	2887	rBV	1380578	1742555	100.00%	18.890%
21	21.501	3096	3100	3109	rVB4	49783	108622	6.23%	1.177%
22	21.924	3163	3172	3177	rBV2	385760	760430	43.64%	8.243%
23	24.251	3564	3568	3578	rBV2	27097	71020	4.08%	0.770%
24	25.350	3746	3755	3765	rVB2	207528	589262	33.82%	6.388%

Sum of corrected areas: 9224830

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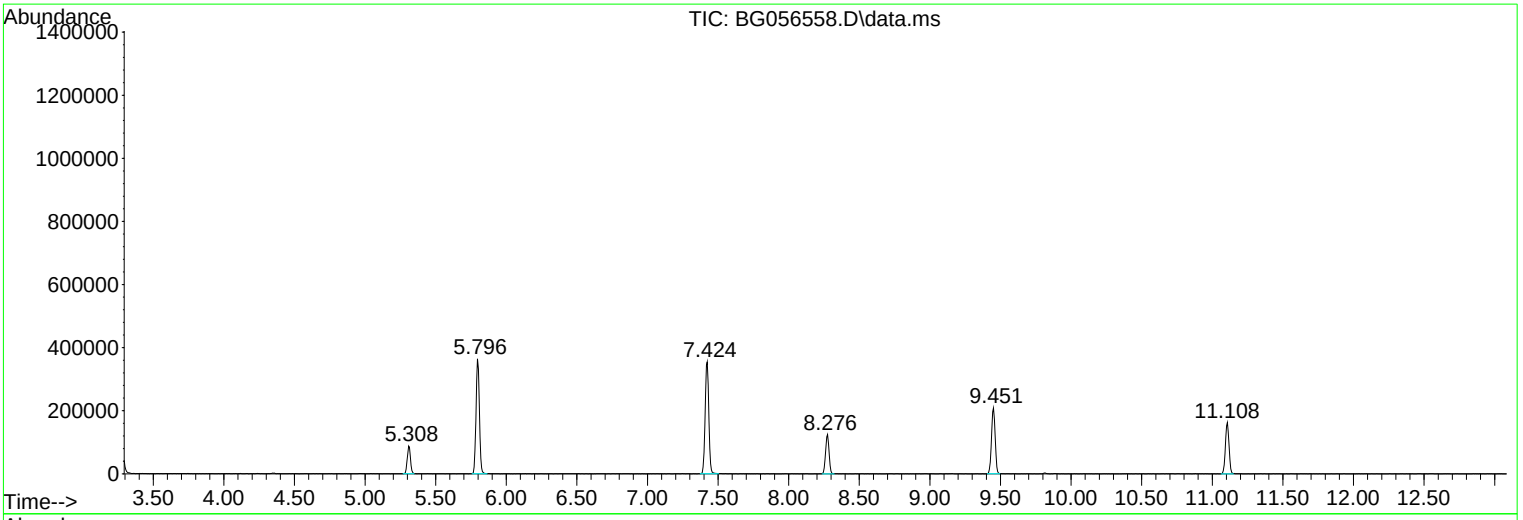
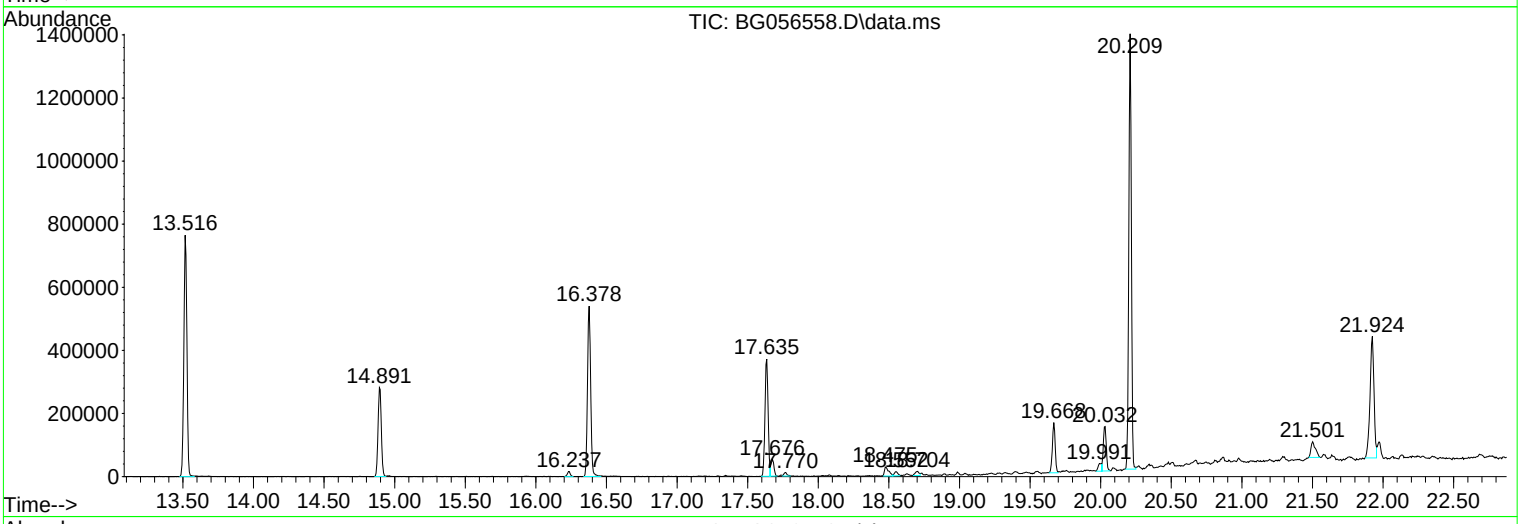
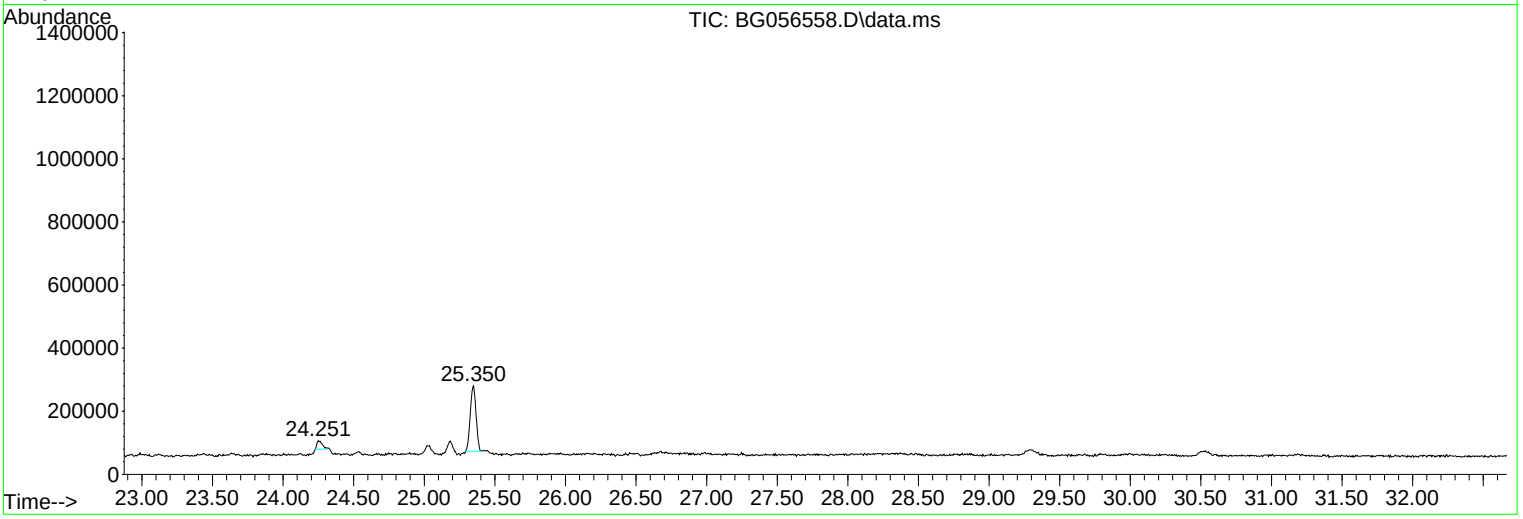
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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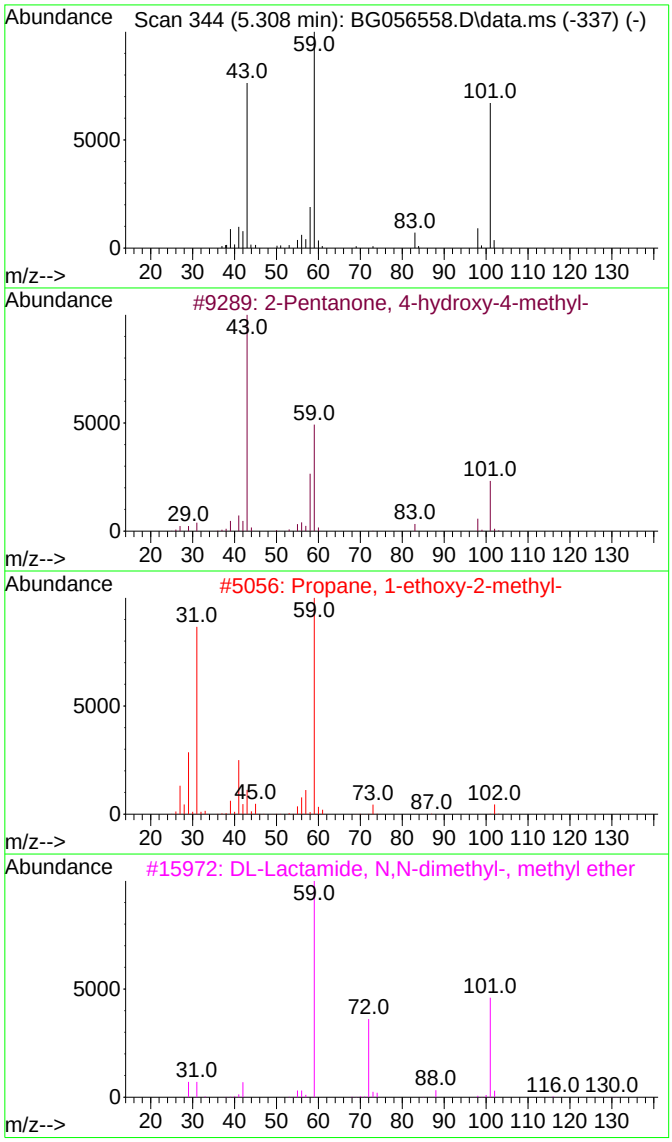
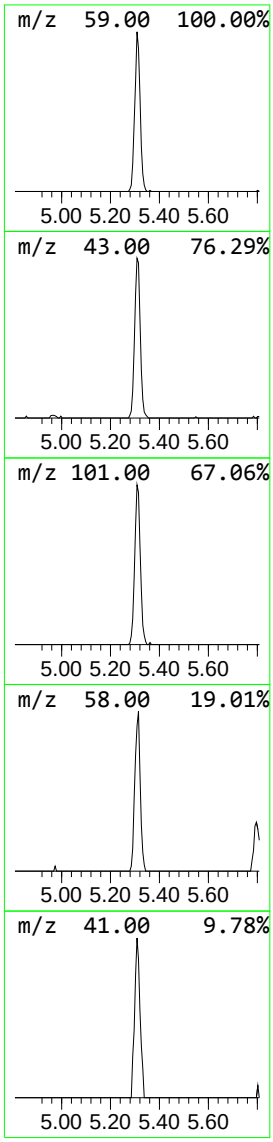
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.308	13.35 ng	138751	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	33
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





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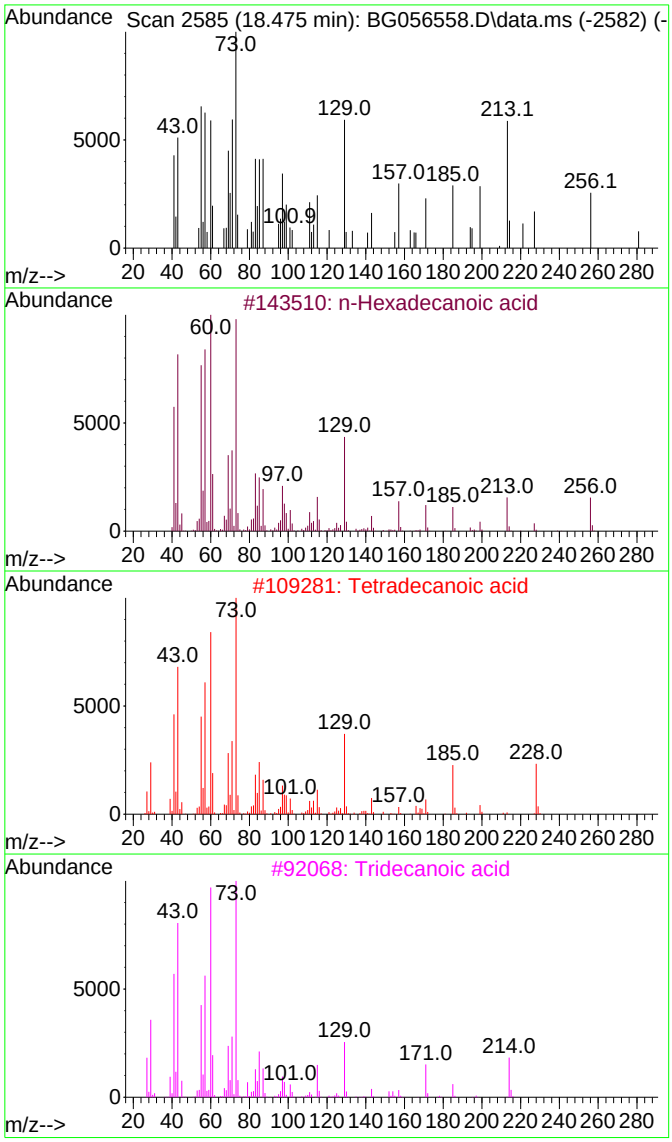
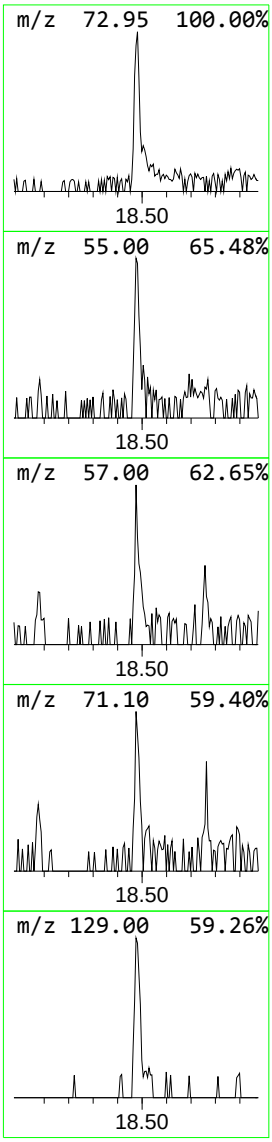
Peak Number 2 unknown18.475 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	2.13 ng	61800	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
3	Tridecanoic acid	214	C13H26O2	000638-53-9	38
4	Adipic acid, 3-methylpentyl pent...	300	C17H32O4	1000353-69-0	27
5	Adipic acid, isohexyl 4-methylpe...	314	C18H34O4	1000353-50-4	22





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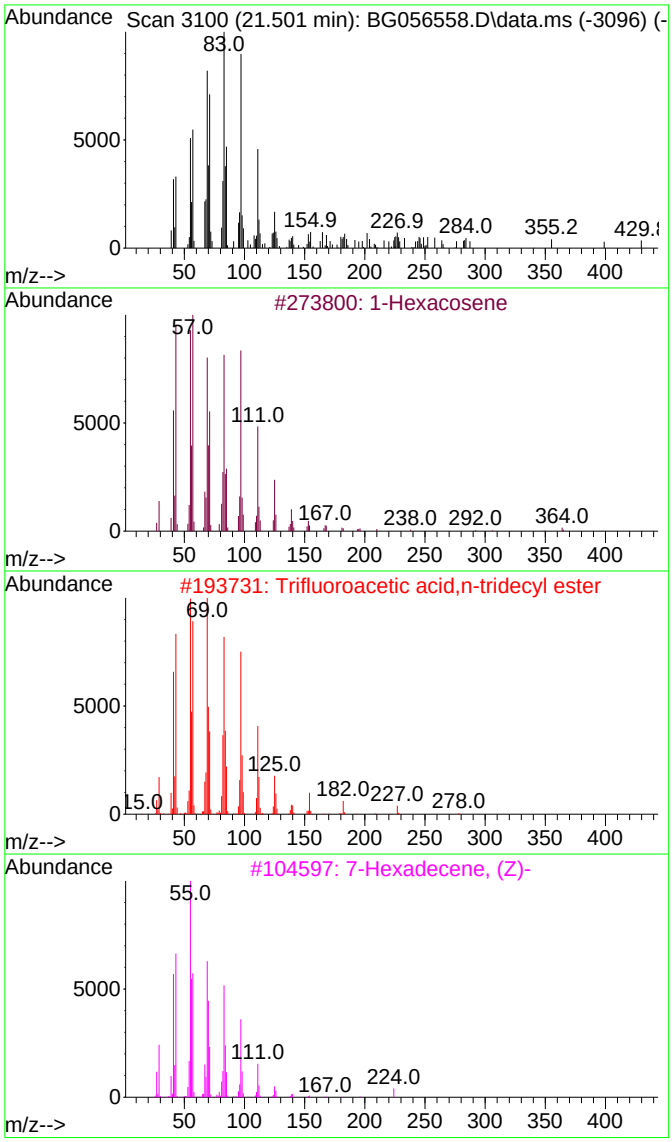
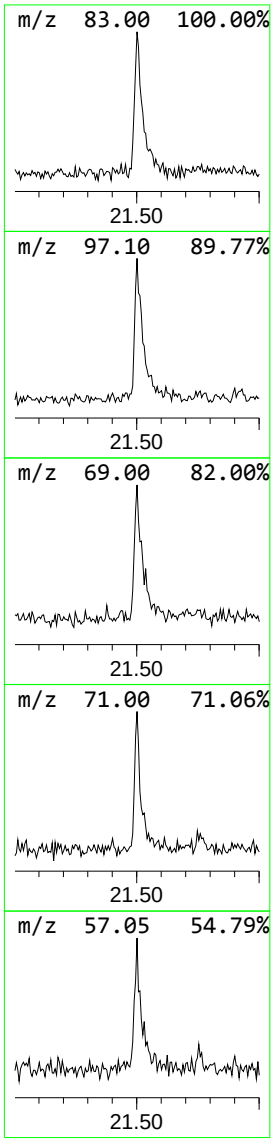
Peak Number 3 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.501	2.86 ng	108622	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	90
2	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	80
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	76
4	1-Tricosene	322	C23H46	018835-32-0	74
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	74





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-...	5.308	13.4	ng	138751	1	8.276	207834	20.0
unknown18.475	18.475	2.1	ng	61800	4	17.635	579157	20.0
1-Hexacosene	21.501	2.9	ng	108622	5	21.924	760430	20.0