LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
Data File : BG057804.D
Acq On : 22 Jun 2023 10:59
Operator : CG/JU
Sample : 03321-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-24

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-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057804.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.027	324	330	339	rVB	209594	301456	15.55%	3.050%
2	5.491	403	409	419	rVB	425313	650595	33.56%	6.583%
3	7.078	672	679	691	rBV	445840	740387	38.20%	7.491%
4	7.924	815	823	829	rBV	100287	167326	8.63%	1.693%
5	9.081	1012	1020	1028	rBV	257694	445344	22.97%	4.506%
6	10.726	1292	1300	1309	rBV	150633	272114	14.04%	2.753%
7	13.182	1711	1718	1727	rVB	739943	1101198	56.81%	11.142%
8	14.557	1945	1952	1959	rBV	287479	428174	22.09%	4.332%
9	15.915	2177	2183	2189	rVB	176117	249837	12.89%	2.528%
10	16.044	2198	2205	2217	rBV	709781	1054794	54.41%	10.672%
11	16.473	2273	2278	2284	rVB	38400	54848	2.83%	0.555%
12	17.301	2413	2419	2425	rBV	411784	614733	31.71%	6.220%
13	18.188	2563	2570	2579	rBV	102952	163043	8.41%	1.650%
14	19.463	2783	2787	2794	rBV3	24594	40385	2.08%	0.409%
15	19.916	2858	2864	2870	rVB	1481184	1938436	100.00%	19.613%
16	21.208	3080	3084	3093	rVB2	81999	132655	6.84%	1.342%
17	21.291	3093	3098	3103	rBV	39379	54819	2.83%	0.555%
18	21.555	3136	3143	3152	rBV	399405	645085	33.28%	6.527%
19	21.749	3174	3176	3181	rVB	16571	21762	1.12%	0.220%
20	22.354	3274	3279	3287	rVB4	15842	33410	1.72%	0.338%
21	23.024	3391	3393	3402	rVB9	14976	27650	1.43%	0.280%
22	23.823	3525	3529	3535	rVB7	12268	23078	1.19%	0.234%
23	24.704	3669	3679	3694	rVB	250302	722244	37.26%	7.308%

Sum of corrected areas: 9883373

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ClientSampleId :
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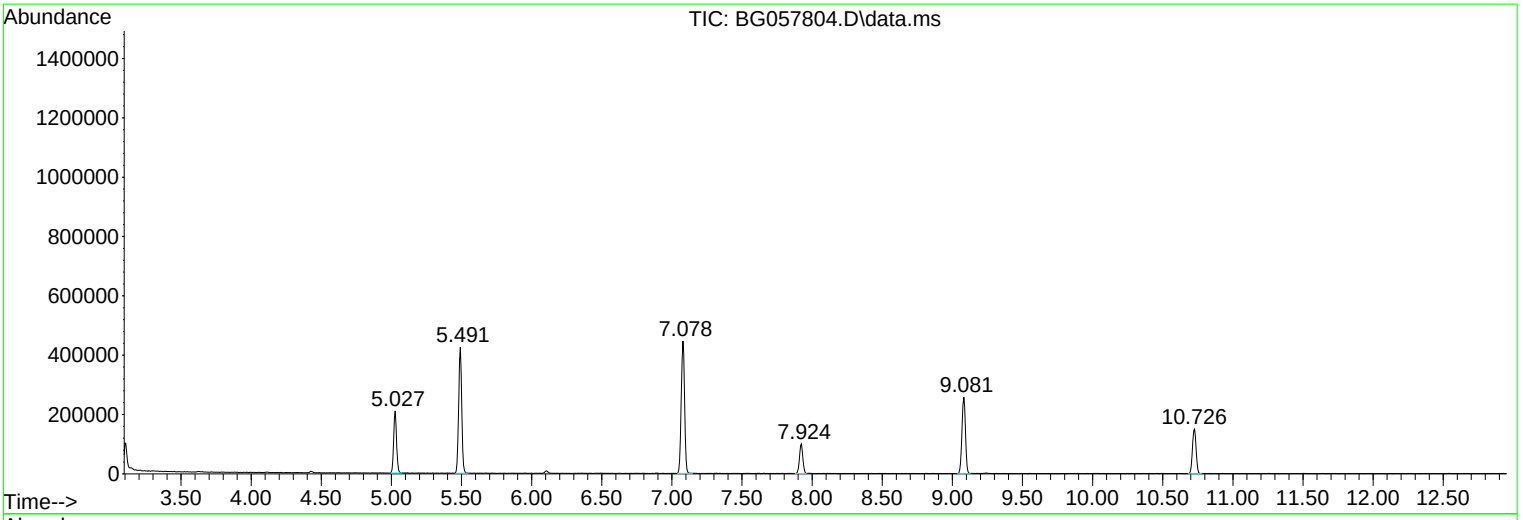
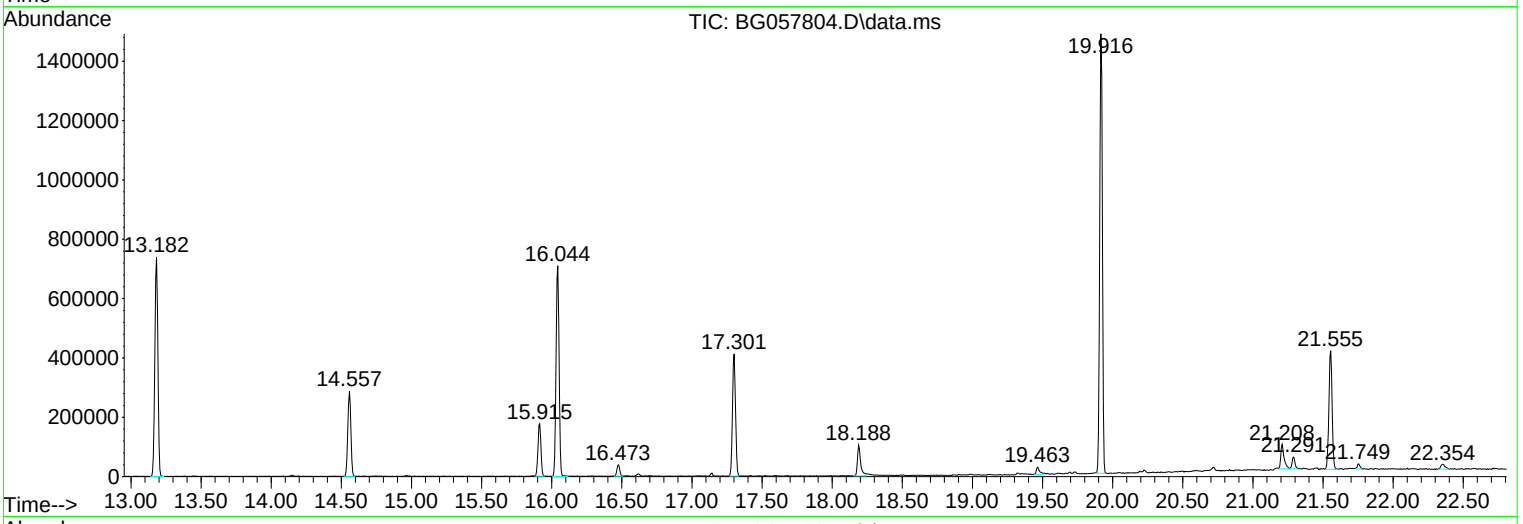
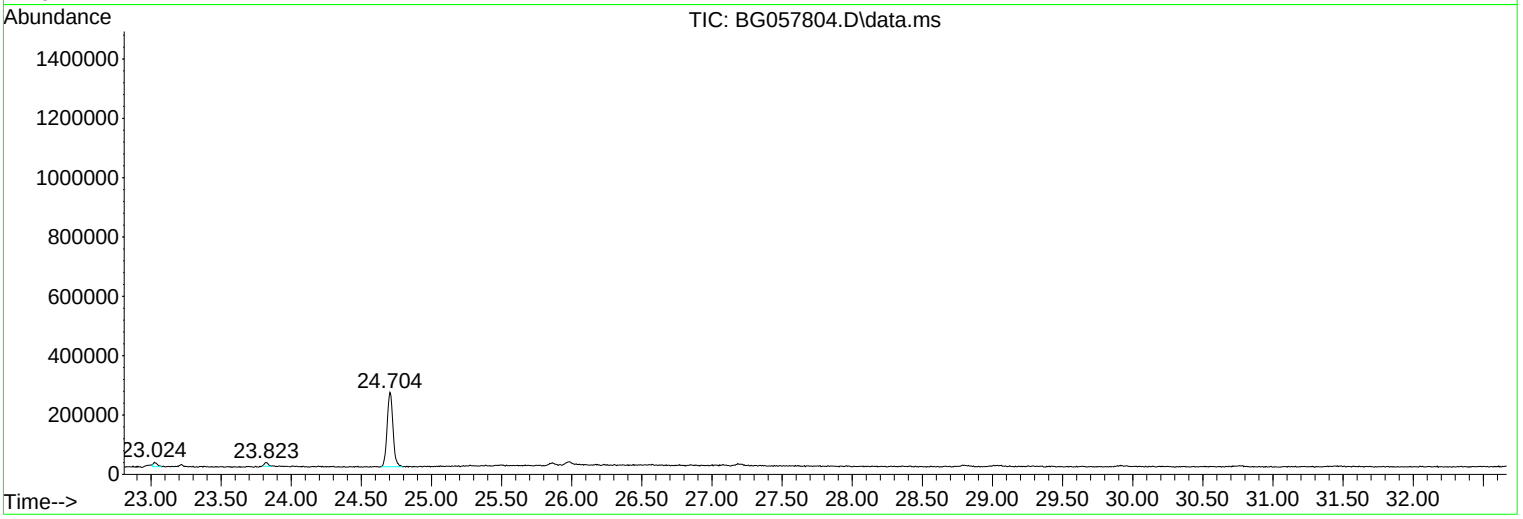
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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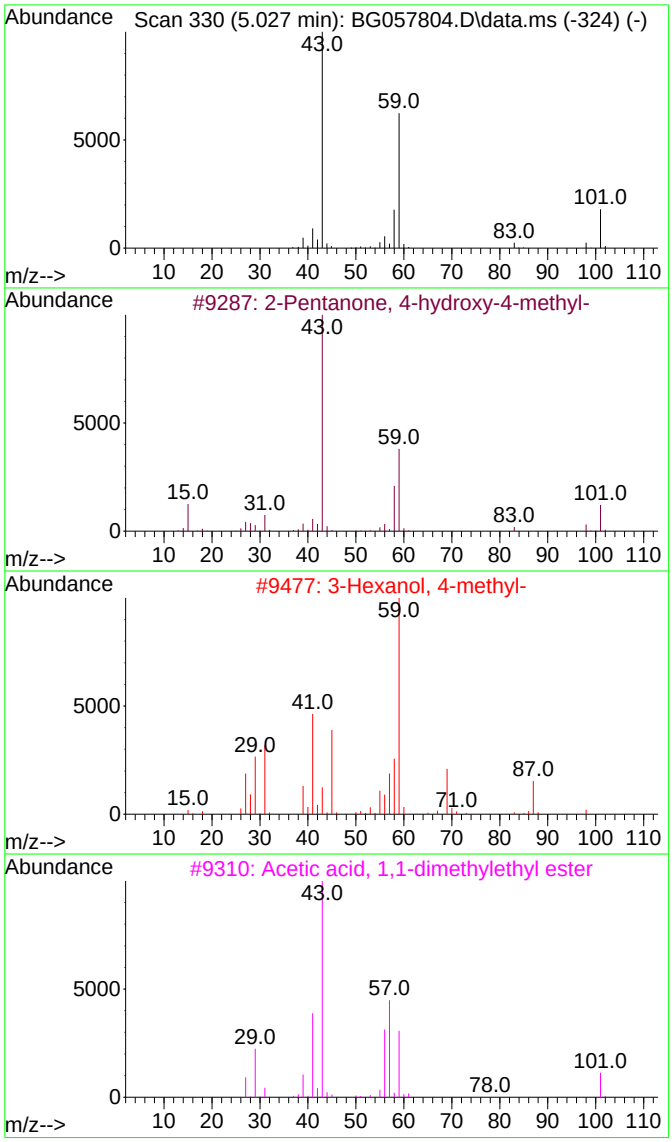
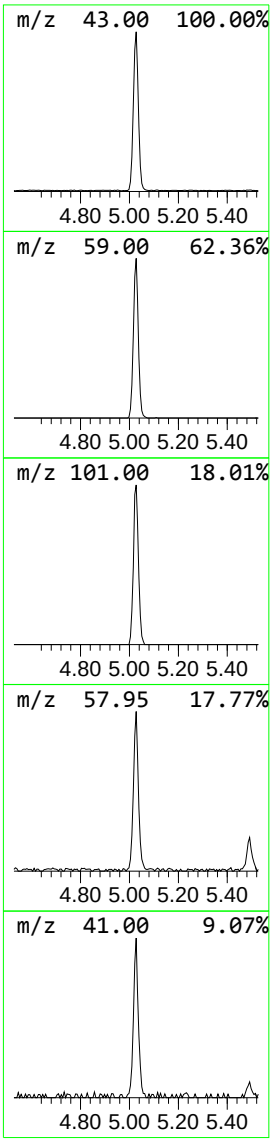
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.027	36.03 ng	301456	1,4-Dichlorobenzene-d4	7.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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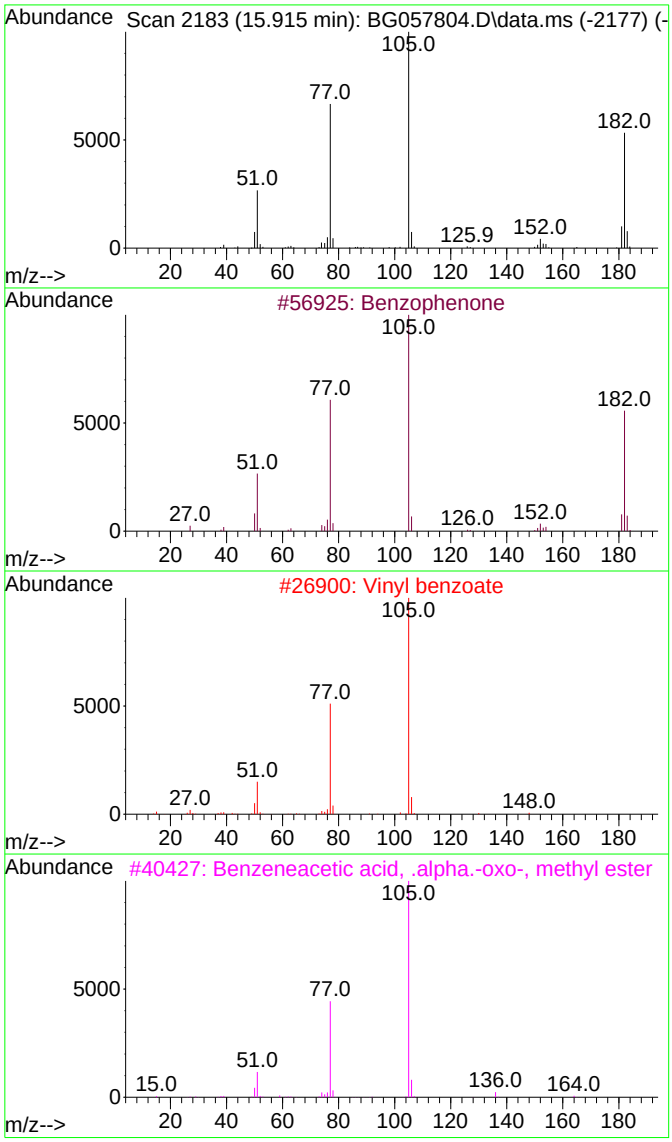
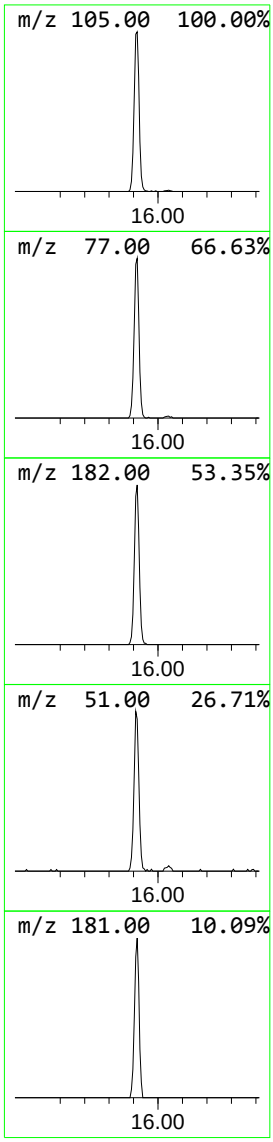
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	11.67 ng	249837	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Vinyl benzoate	148	C9H8O2	000769-78-8	47
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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Instrument :
BNA_G
ClientSampleId :
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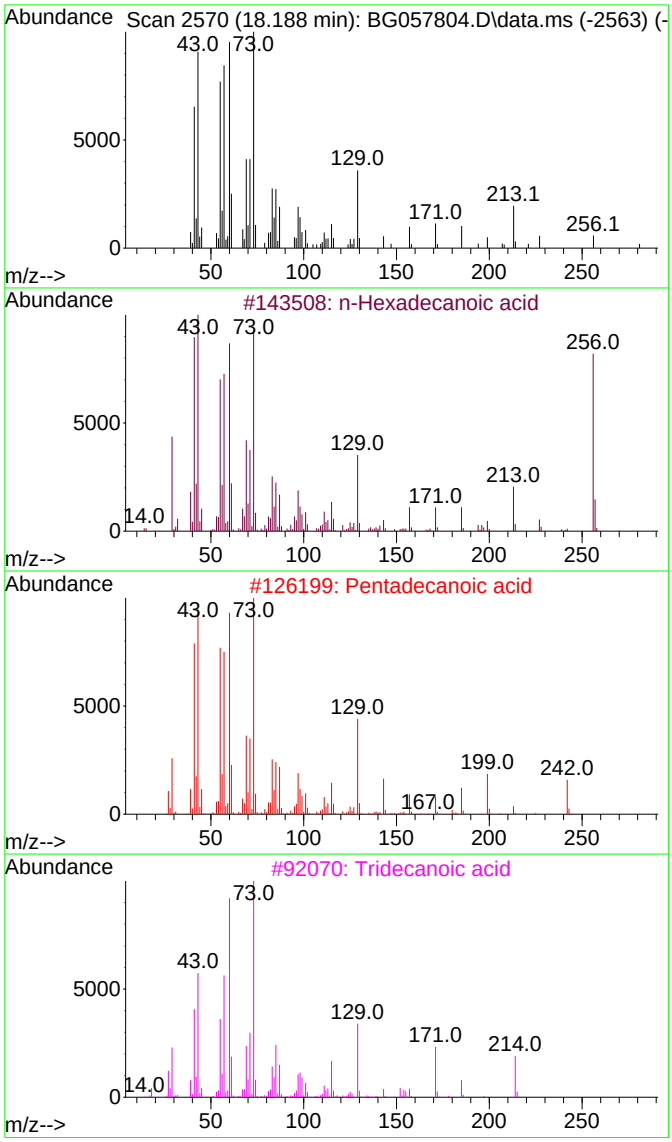
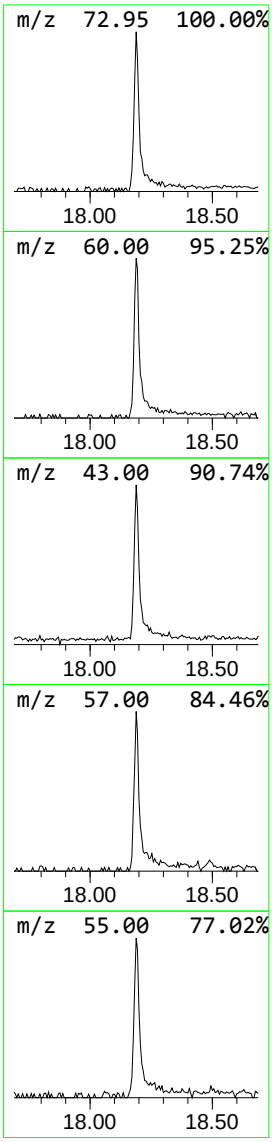
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	5.30 ng	163043	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	49





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Instrument :
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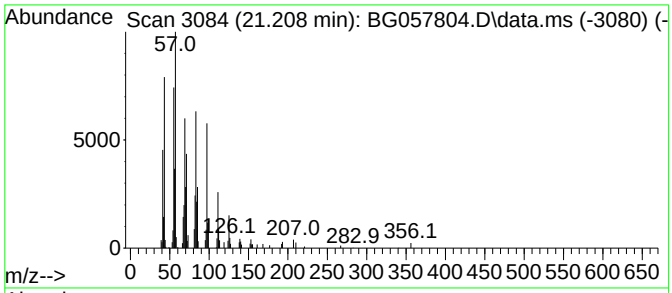
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

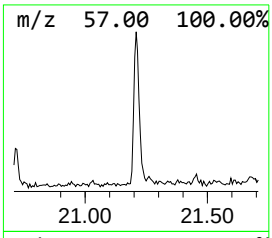
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

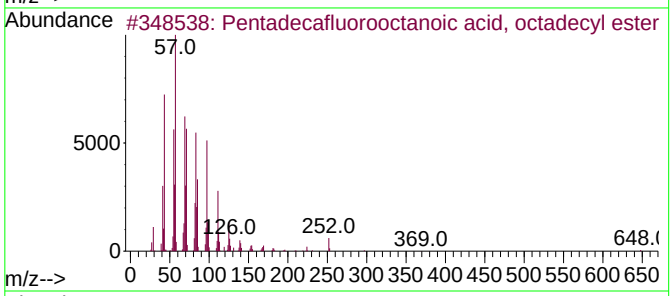
****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 4

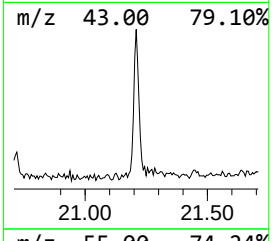
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.208	4.11 ng	132655	Chrysene-d12	21.555

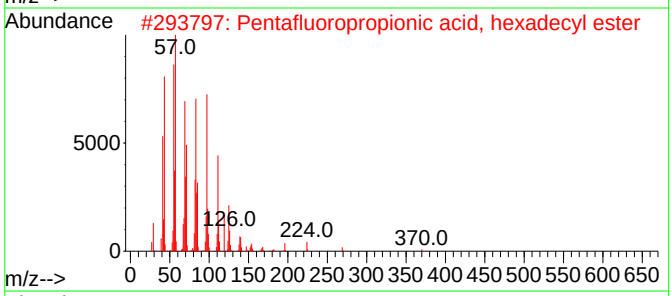
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91

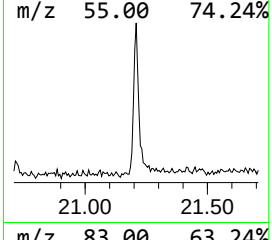


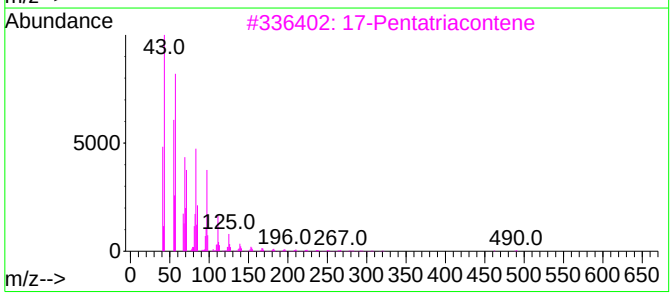


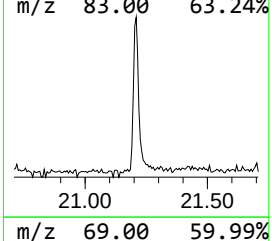


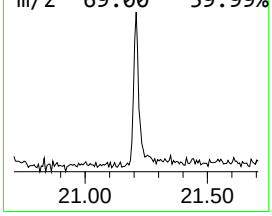












Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.027	36.0	ng	301456	1	7.924	167326	20.0
Benzophenone	15.915	11.7	ng	249837	3	14.557	428174	20.0
n-Hexadecanoic ...	18.188	5.3	ng	163043	4	17.301	614733	20.0
Pentadecafluoro...	21.208	4.1	ng	132655	5	21.555	645085	20.0