LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064341.D
Acq On : 10 Sep 2025 20:51
Operator : RC/JU
Sample : Q3054-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-384

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064341.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.965	312	319	327	rBV	30010	47641	3.43%	0.693%
2	5.435	392	399	407	rBV	287546	442918	31.89%	6.446%
3	7.015	662	668	675	rBV	314838	514571	37.04%	7.489%
4	7.844	803	809	816	rBV	94391	149946	10.79%	2.182%
5	8.995	998	1005	1014	rBV	199240	346178	24.92%	5.038%
6	10.634	1276	1284	1291	rBV	118743	208339	15.00%	3.032%
7	13.090	1696	1702	1709	rBV	484820	756875	54.49%	11.015%
8	14.471	1929	1937	1943	rBV	197084	303110	21.82%	4.411%
9	15.828	2162	2168	2174	rBV	52041	75425	5.43%	1.098%
10	15.958	2183	2190	2198	rBV	516615	775500	55.83%	11.286%
11	17.209	2394	2403	2408	rBV2	276297	408876	29.43%	5.950%
12	17.244	2408	2409	2415	rVB2	13073	15246	1.10%	0.222%
13	18.108	2551	2556	2566	rBV3	119299	171548	12.35%	2.497%
14	19.260	2747	2752	2757	rBV	28979	42737	3.08%	0.622%
15	19.383	2769	2773	2779	rBV2	37065	52188	3.76%	0.760%
16	19.624	2810	2814	2819	rVB	21502	33981	2.45%	0.495%
17	19.830	2843	2849	2854	rBV	1105091	1389090	100.00%	20.216%
18	21.110	3063	3067	3072	rBV3	57128	91434	6.58%	1.331%
19	21.439	3115	3123	3128	rBV	321655	516306	37.17%	7.514%
20	24.436	3626	3633	3645	rVB	189242	511866	36.85%	7.449%
21	26.257	3939	3943	3946	rBV6	10275	17551	1.26%	0.255%

Sum of corrected areas: 6871326

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Instrument :
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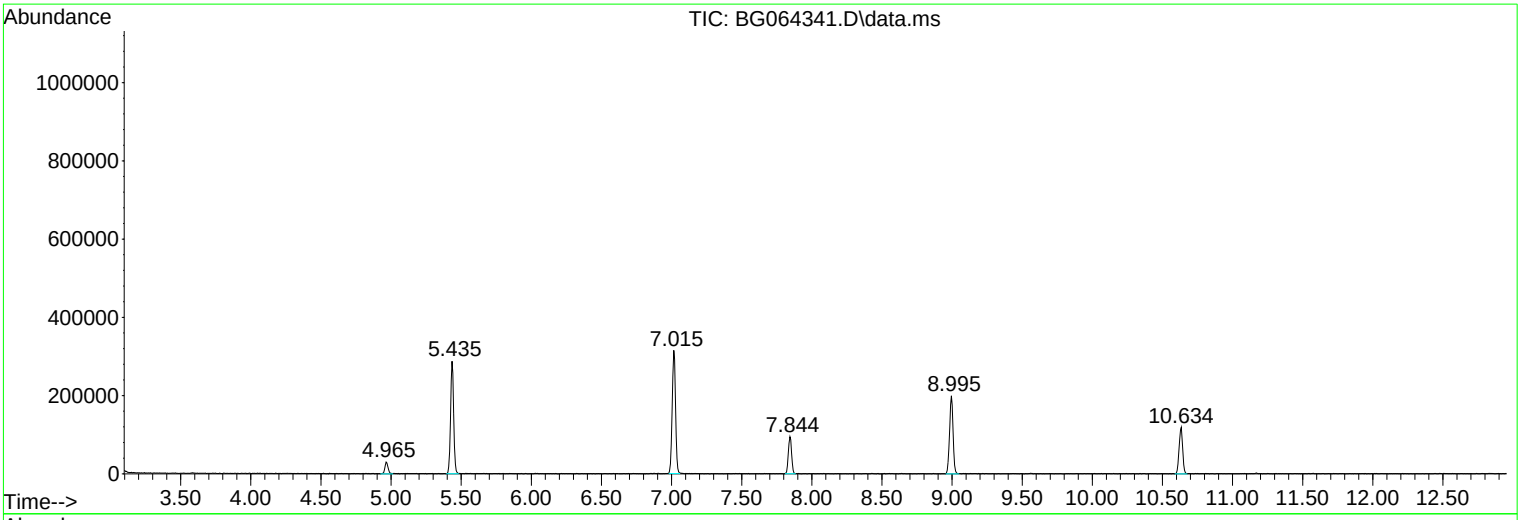
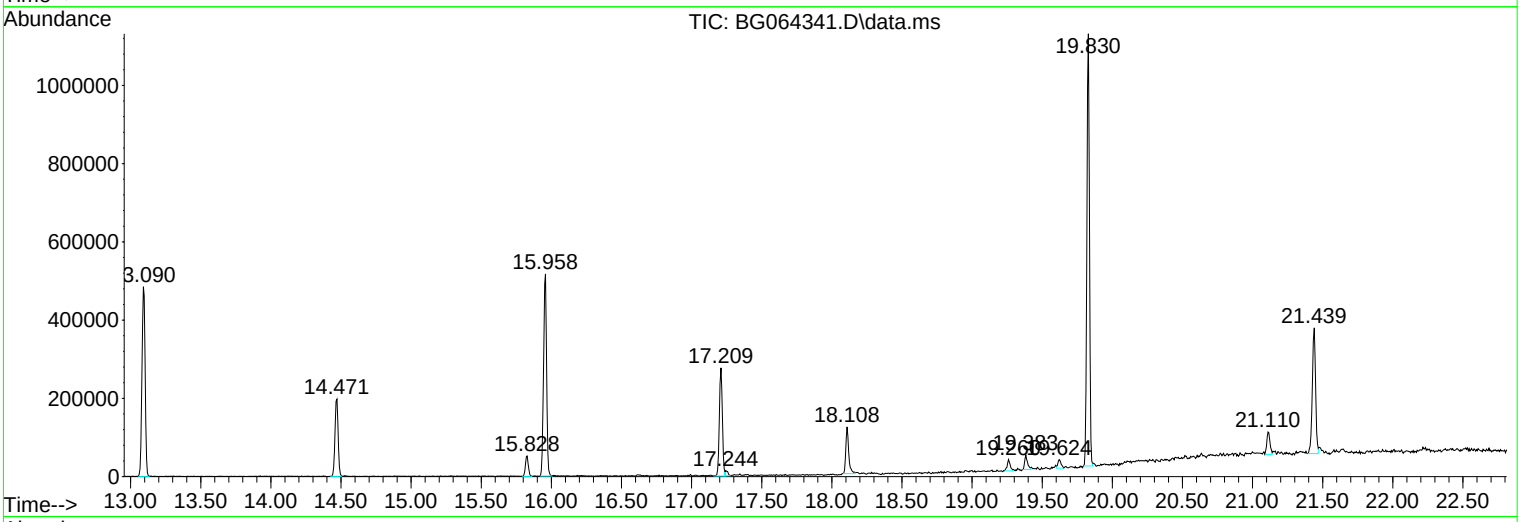
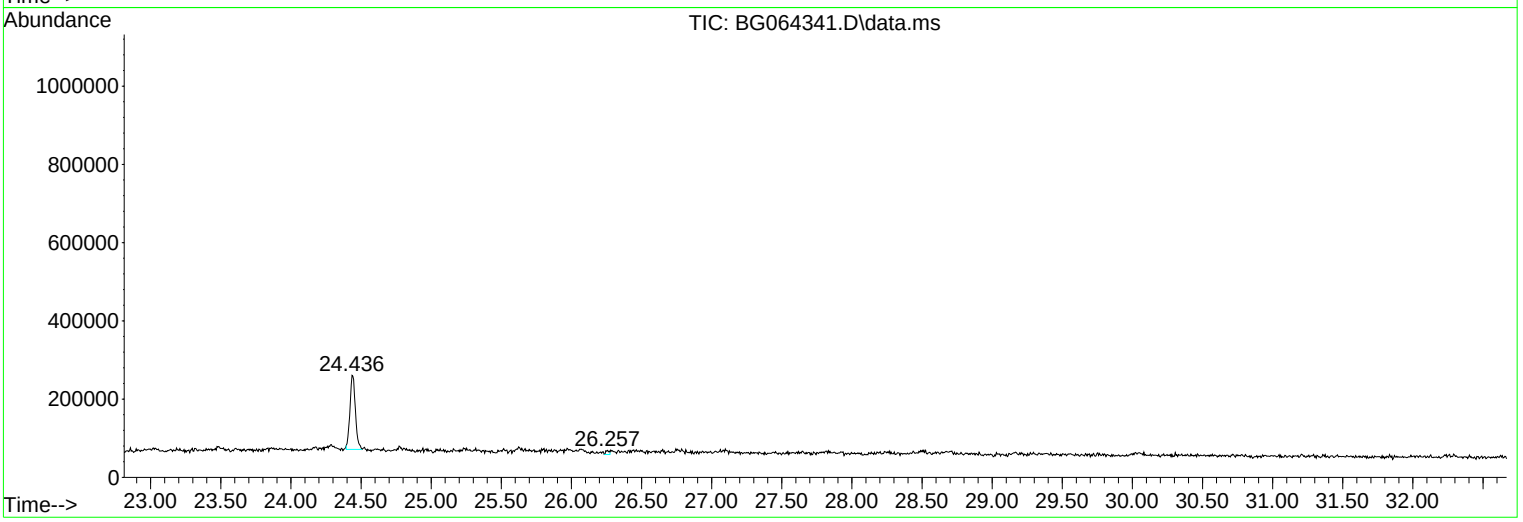
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Library : C:\Database\NIST20.L
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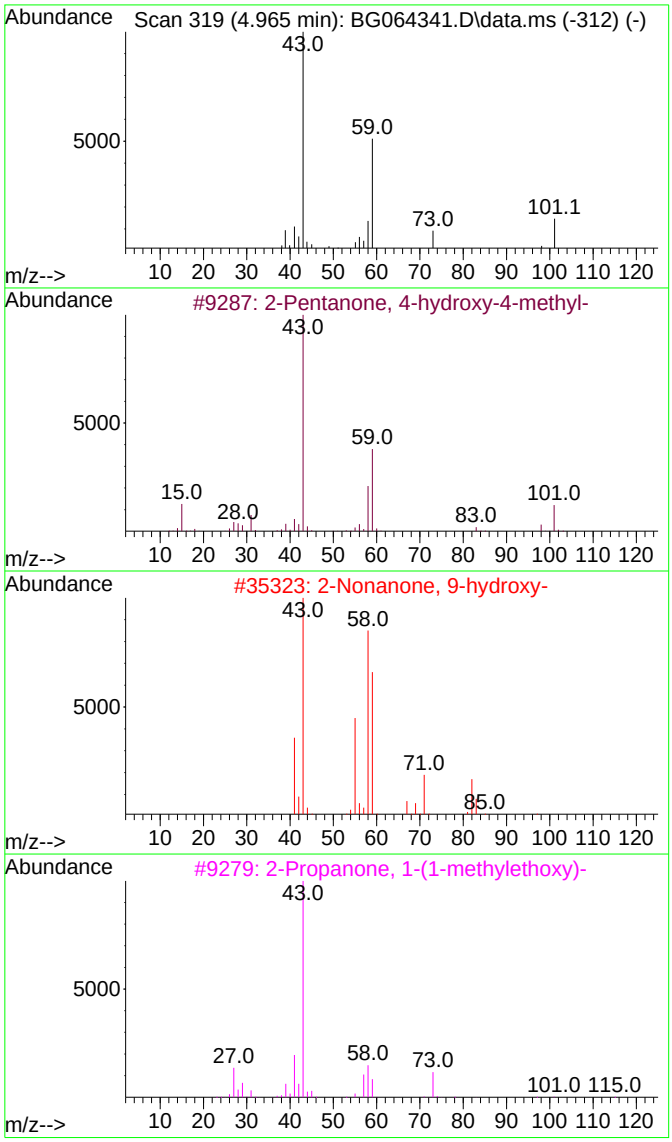
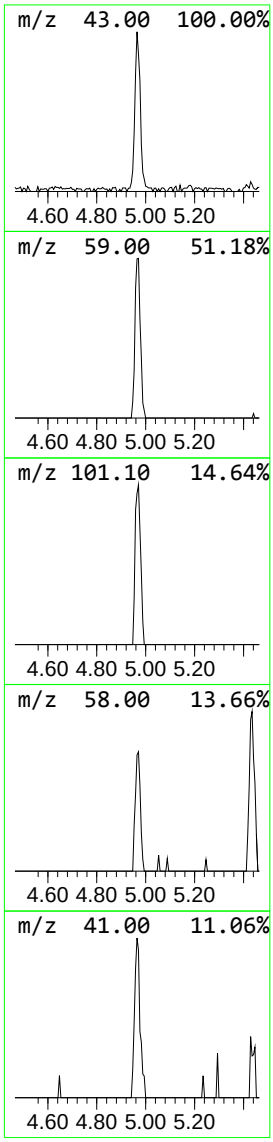
Peak Number 1 unknown4.965 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.965	6.35 ng	47641	1,4-Dichlorobenzene-d4	7.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	12
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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TIC Library : C:\Database\NIST20.L
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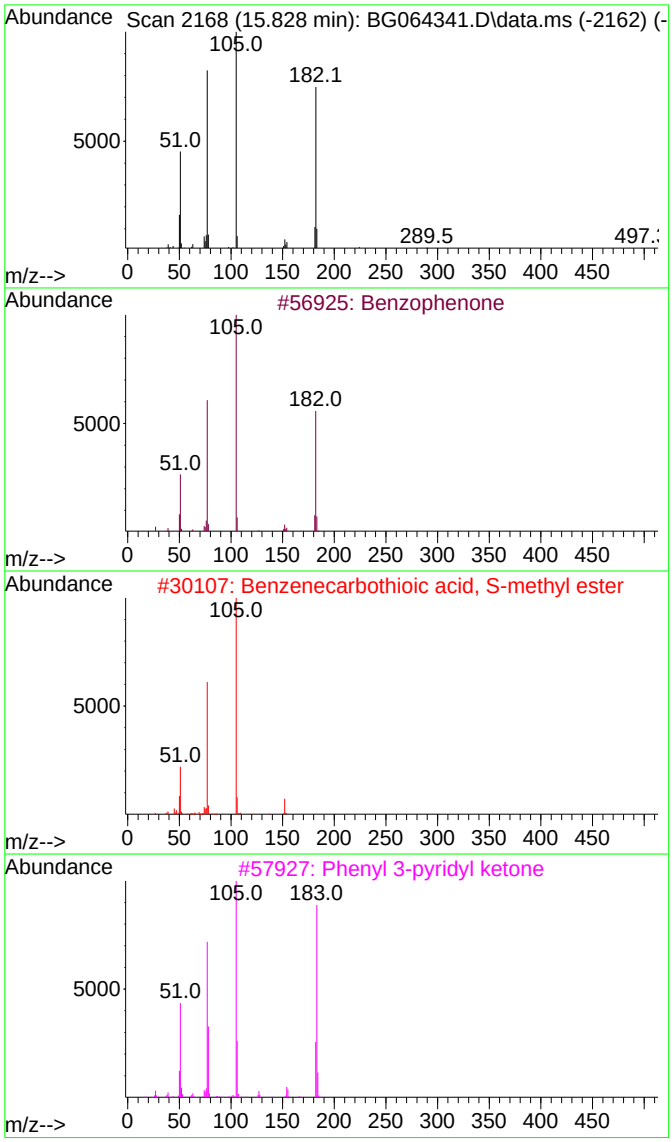
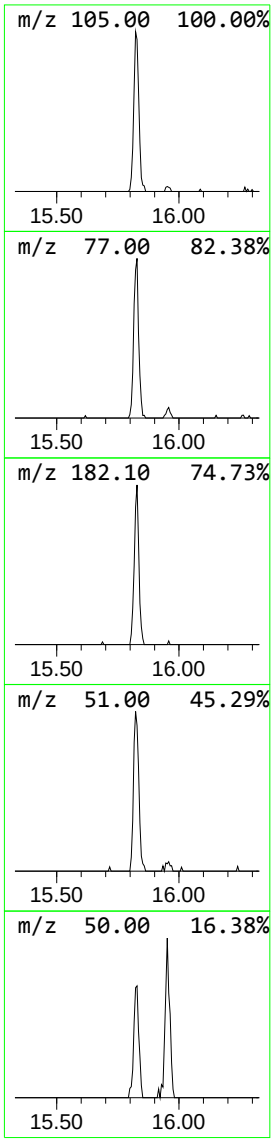
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	4.98 ng	75425	Acenaphthene-d10	14.471

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	55
3	Phenyl 3-pyridyl ketone	183	C12H9NO	005424-19-1	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
5	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	43





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Sample : Q3054-05
Misc :
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Instrument :
BNA_G
ClientSampleId :
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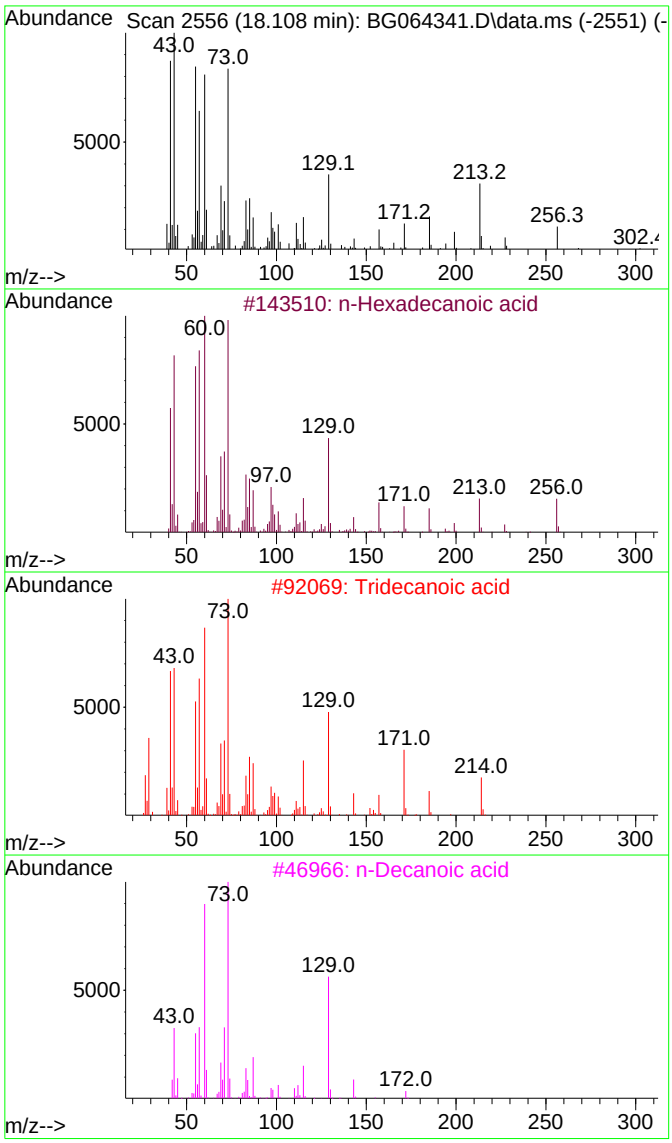
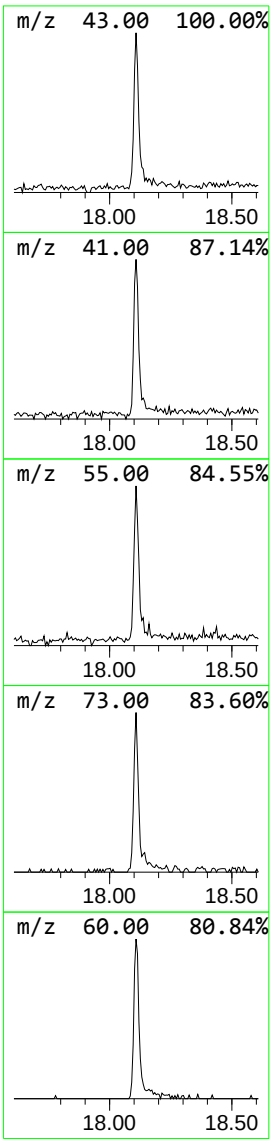
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.108	8.39 ng	171548	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Instrument :
BNA_G
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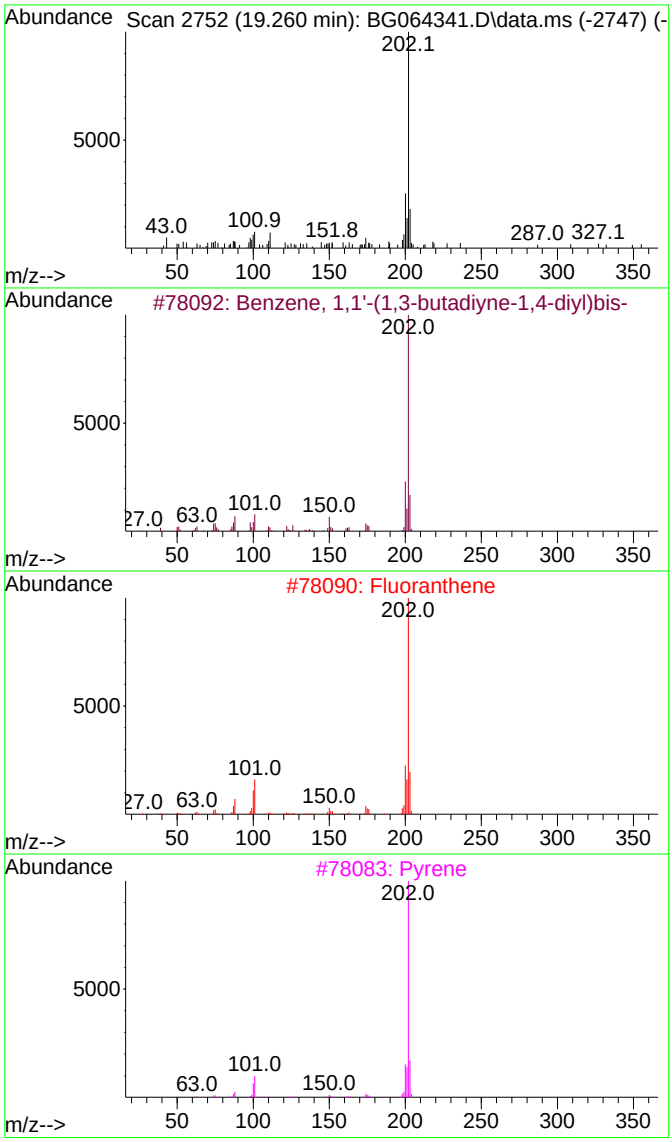
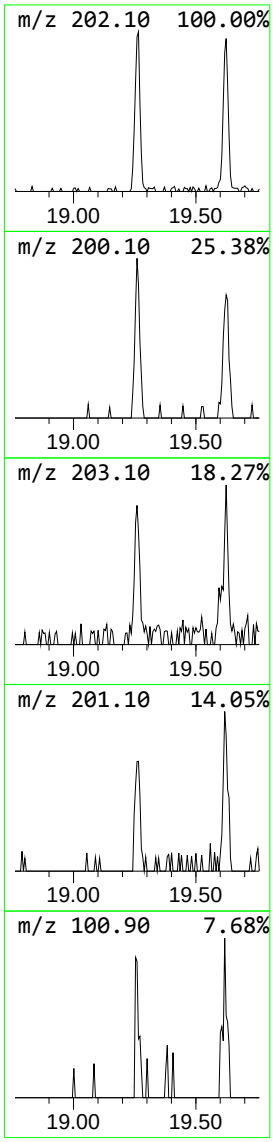
Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.260	2.09 ng	42737	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	70
2	Fluoranthene	202	C16H10	000206-44-0	68
3	Pyrene	202	C16H10	000129-00-0	64
4	5-Amino-1-(4-fluorophenyl)-1H-py...	202	C10H7FN4	051516-70-2	53
5	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	52





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BNA_G
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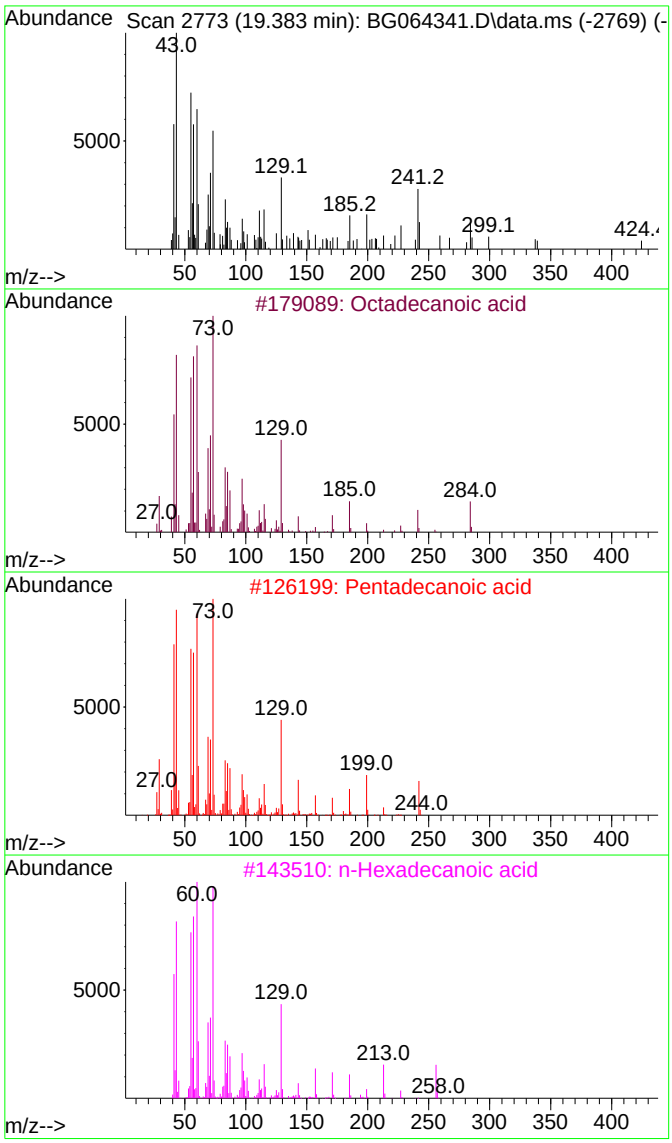
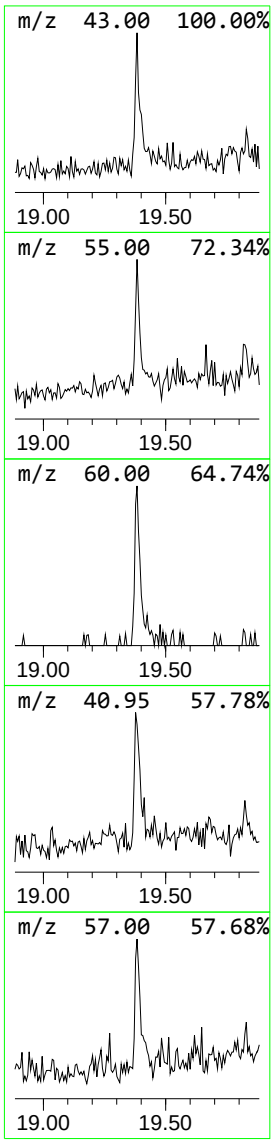
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.383	2.02 ng	52188	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





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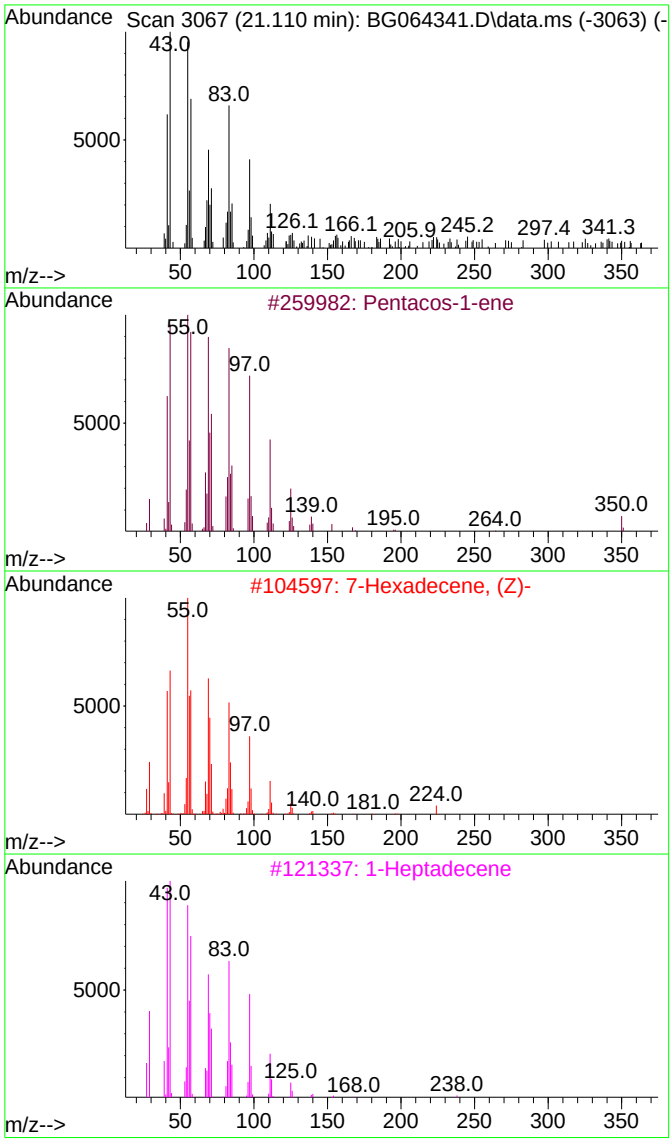
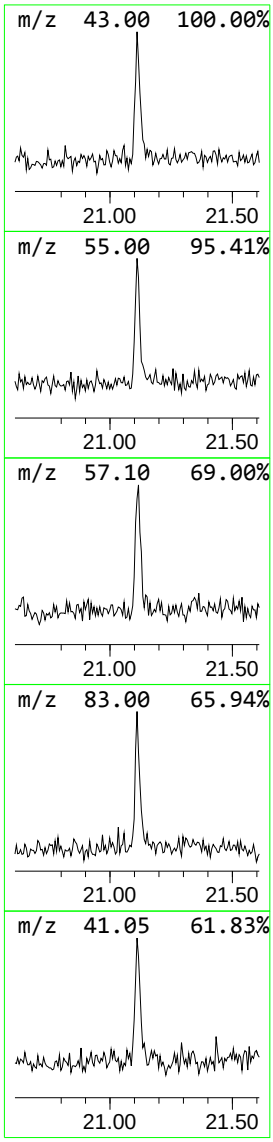
Peak Number 6 Pentacos-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	3.54 ng	91434	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	91
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	89
3	1-Heptadecene	238	C17H34	006765-39-5	89
4	Z-12-Pentacosene	350	C25H50	1000131-09-4	86
5	1-Tetracosene	336	C24H48	010192-32-2	83





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.965	4.965	6.3	ng	47641	1	7.844	149946	20.0
Benzophenone	15.828	5.0	ng	75425	3	14.471	303110	20.0
n-Hexadecanoic ...	18.108	8.4	ng	171548	4	17.209	408876	20.0
Benzene, 1,1'-(...	19.260	2.1	ng	42737	4	17.209	408876	20.0
Octadecanoic acid	19.383	2.0	ng	52188	5	21.439	516306	20.0
Pentacos-1-ene	21.110	3.5	ng	91434	5	21.439	516306	20.0