LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064235.D
Acq On : 29 Aug 2025 20:00
Operator : RC/JU
Sample : Q2971-37
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

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: BG064235.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.979	314	322	331	rVB2	36969	58559	2.26%	0.532%
2	5.443	394	401	413	rVB	300280	466510	17.99%	4.238%
3	7.018	662	669	681	rBV	210090	355549	13.71%	3.230%
4	7.852	805	811	819	rBV	104517	171341	6.61%	1.556%
5	9.004	1000	1007	1017	rBV	398750	700875	27.03%	6.367%
6	10.643	1277	1286	1294	rBV	146777	260054	10.03%	2.362%
7	13.105	1697	1705	1714	rBV	1082792	1632976	62.98%	14.834%
8	14.480	1931	1939	1947	rBV	261664	398235	15.36%	3.617%
9	15.837	2163	2170	2177	rBV	73706	110362	4.26%	1.002%
10	15.966	2185	2192	2200	rBV	995658	1500400	57.87%	13.629%
11	16.401	2261	2266	2272	rVB	20700	31621	1.22%	0.287%
12	16.630	2301	2305	2311	rBV4	23166	34369	1.33%	0.312%
13	17.218	2397	2405	2412	rBV2	376604	564134	21.76%	5.124%
14	17.888	2516	2519	2524	rBV4	27451	36571	1.41%	0.332%
15	17.993	2533	2537	2542	rBV4	24809	38658	1.49%	0.351%
16	18.123	2553	2559	2567	rBV2	185544	278901	10.76%	2.533%
17	18.399	2601	2606	2613	rBV	73632	103758	4.00%	0.943%
18	18.981	2698	2705	2711	rBV9	17226	37687	1.45%	0.342%
19	19.274	2751	2755	2762	rVB9	19274	29719	1.15%	0.270%
20	19.398	2771	2776	2783	rBV4	46571	80738	3.11%	0.733%
21	19.838	2845	2851	2861	rBV	1963519	2592918	100.00%	23.553%
22	21.448	3119	3125	3133	rBV	389115	628524	24.24%	5.709%
23	23.052	3392	3398	3406	rBV	125648	238034	9.18%	2.162%
24	24.456	3627	3637	3647	rBV	244945	658206	25.38%	5.979%

Sum of corrected areas: 11008699

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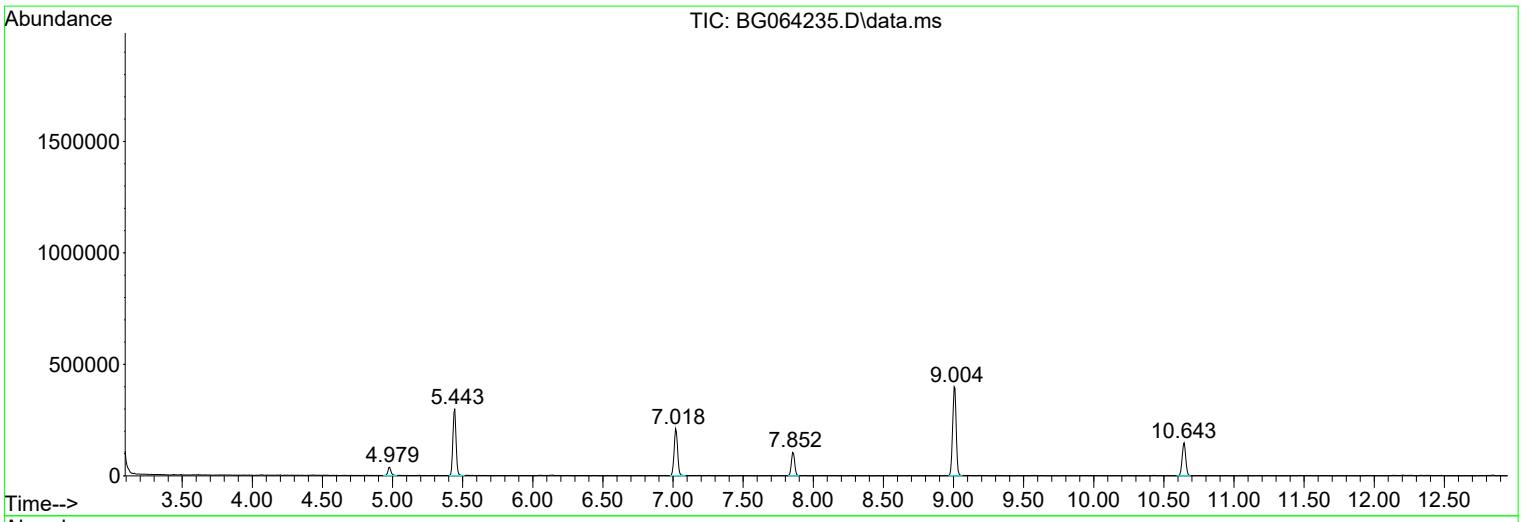
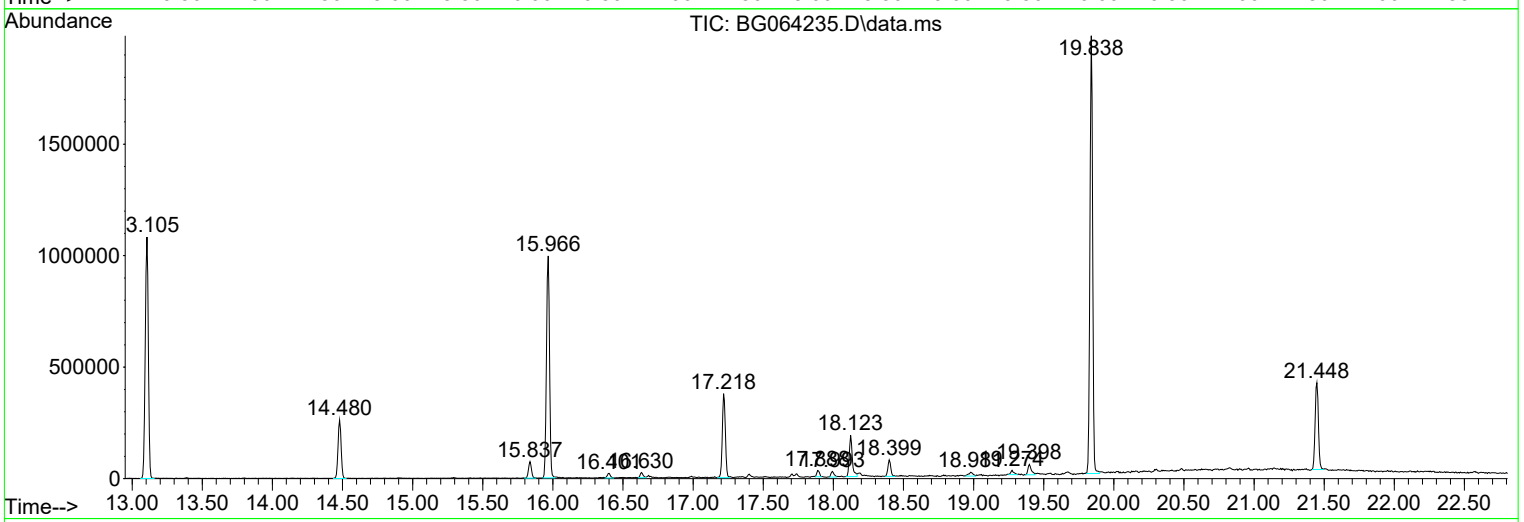
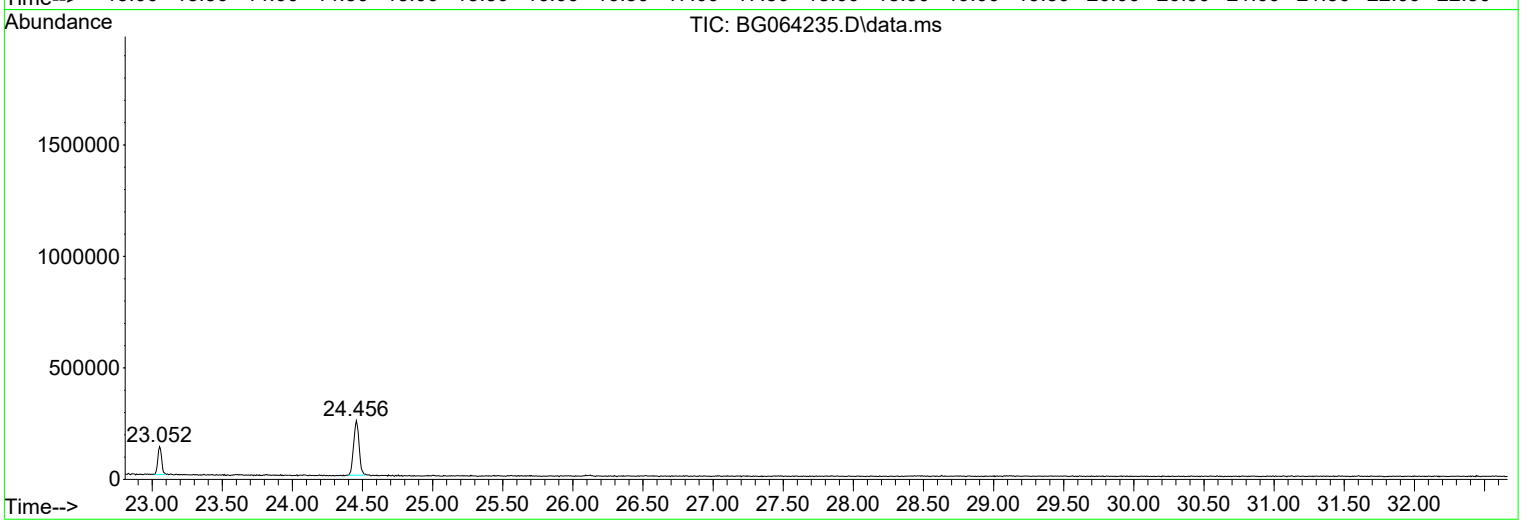
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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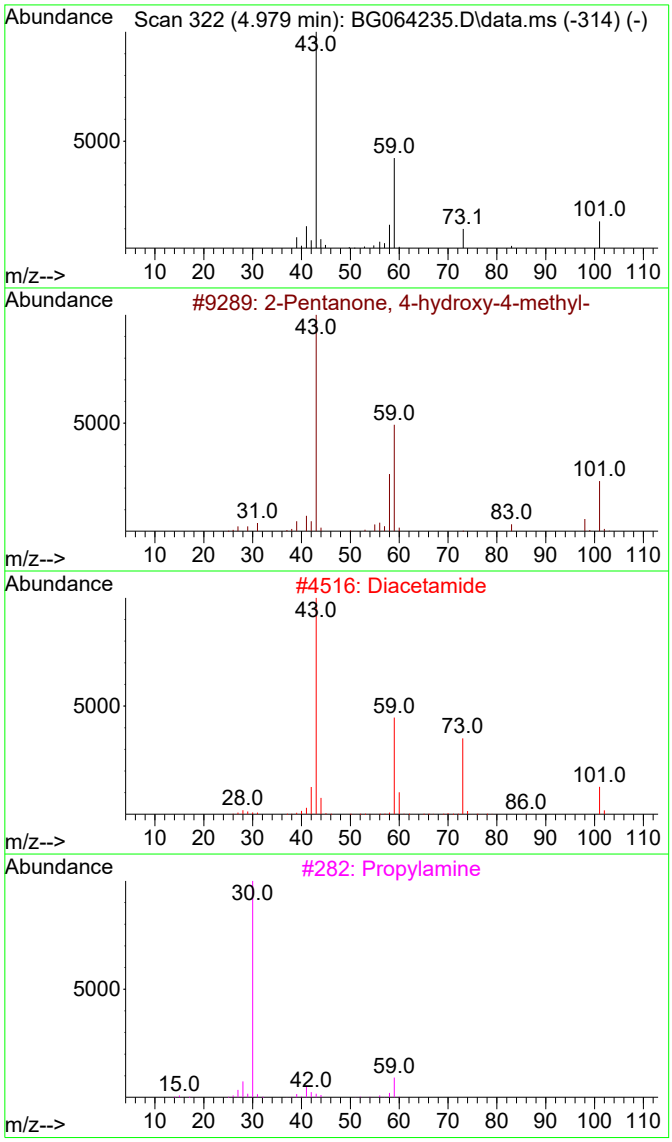
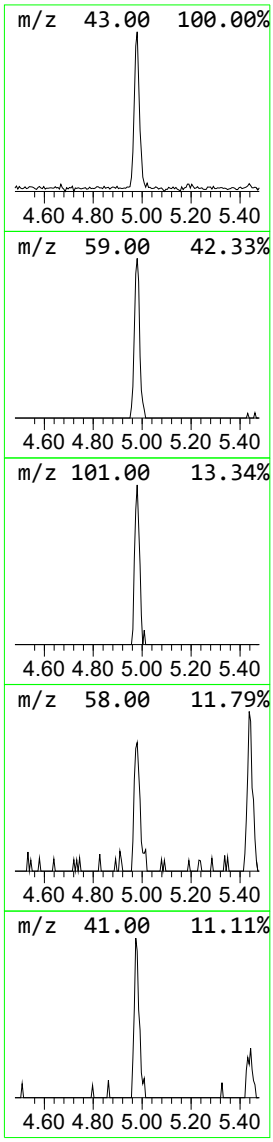
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.979	6.84 ng	58559	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Diacetamide	101	C4H7NO2	000625-77-4	33
3	Propylamine	59	C3H9N	000107-10-8	9
4	Isobutylamine	73	C4H11N	000078-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : Q2971-37
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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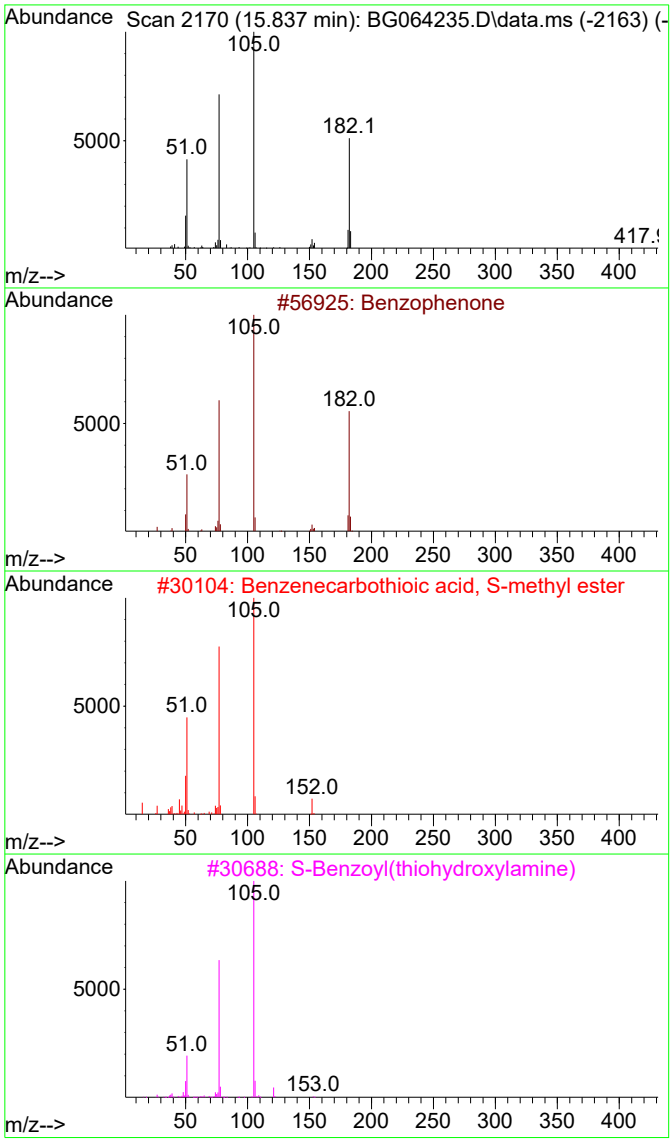
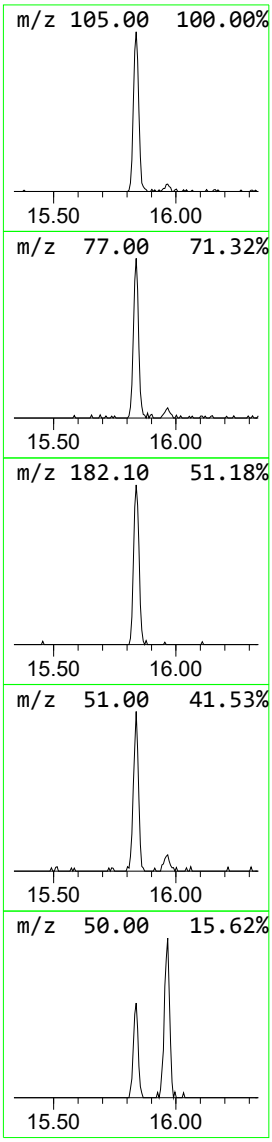
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.837	5.54 ng	110362	Acenaphthene-d10	14.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	4-Acetylphenylbenzoate	240	C15H12O3	001523-18-8	47





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Sample : Q2971-37
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

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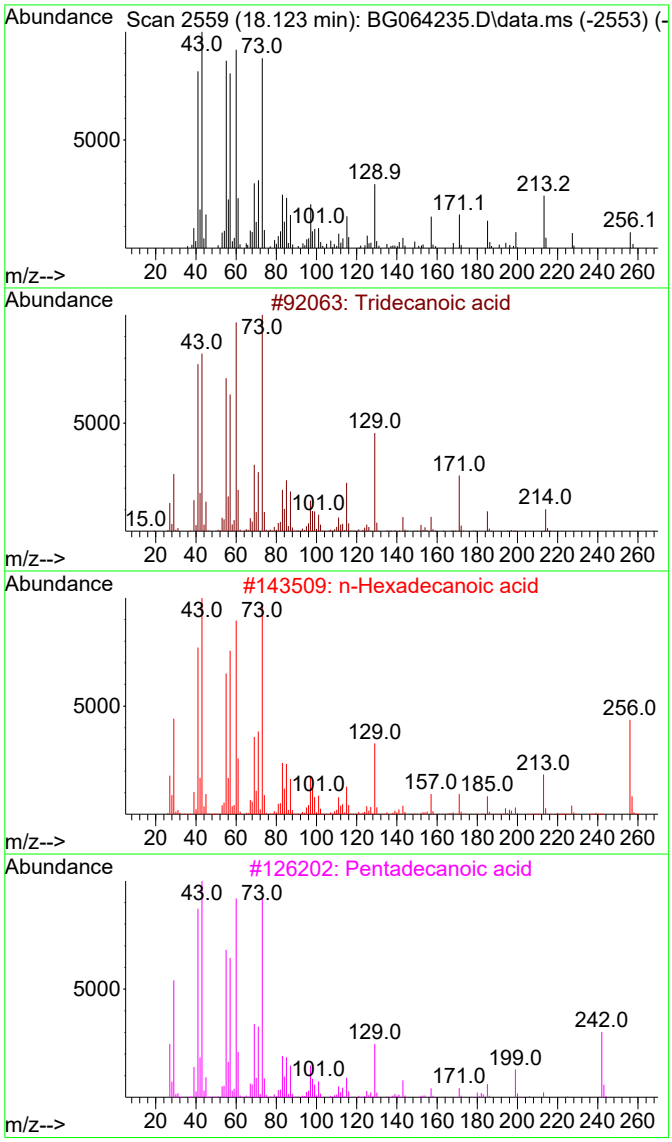
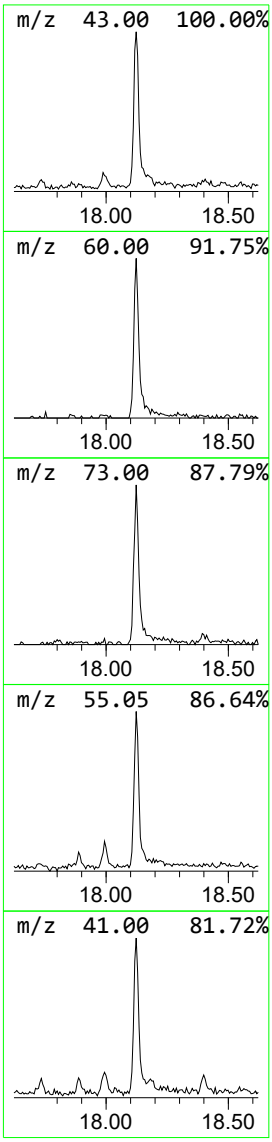
Peak Number 3 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.123	9.89 ng	278901	Phenanthrene-d10	17.218

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Sample : Q2971-37
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

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
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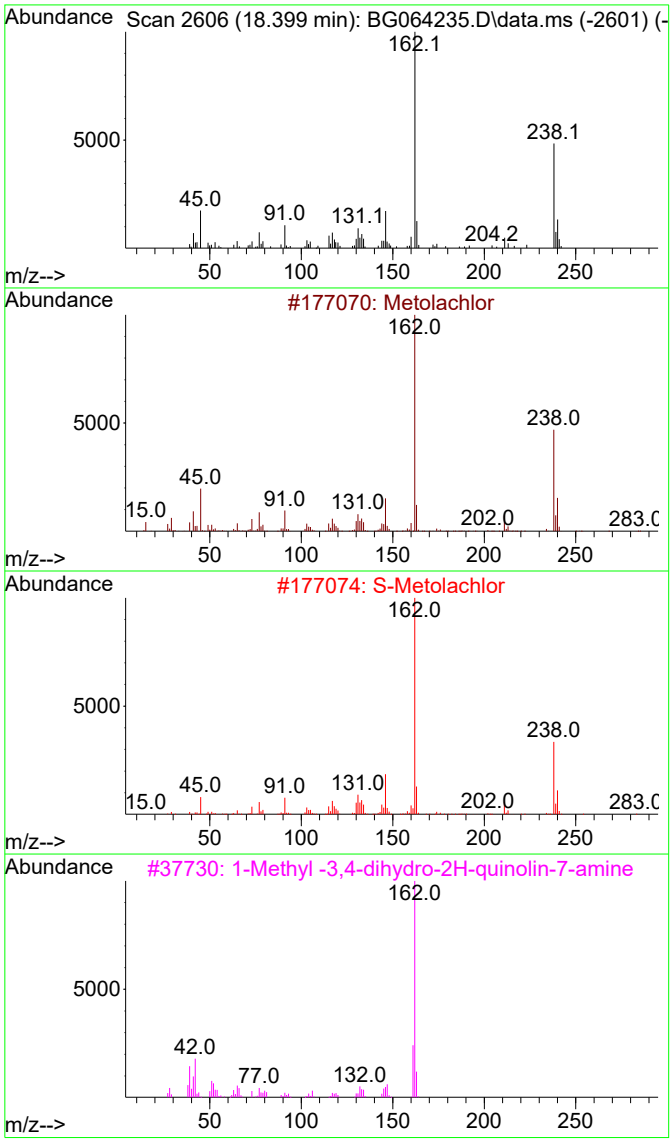
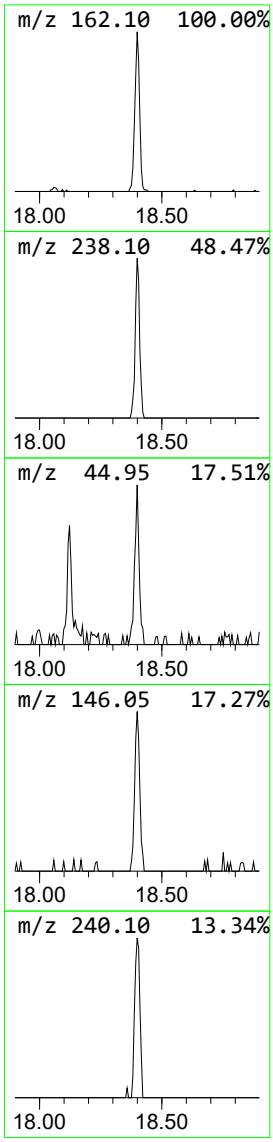
Peak Number 4 Metolachlor Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.399	3.68 ng	103758	Phenanthrene-d10	17.218

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metolachlor	283	C15H22ClNO2	051218-45-2	90
2	S-Metolachlor	283	C15H22ClNO2	087392-12-9	87
3	1-Methyl -3,4-dihydro-2H-quinoli...	162	C10H14N2	304690-94-6	43
4	5-Isopropenyl-2-hydroxy-2,4,6-cy...	162	C10H10O2	022057-93-8	43
5	4,6-Dimethyl-1H-pyrazolo[3,4-b]p...	162	C8H10N4	041601-44-9	43





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Misc :
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Instrument :
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ClientSampleId :
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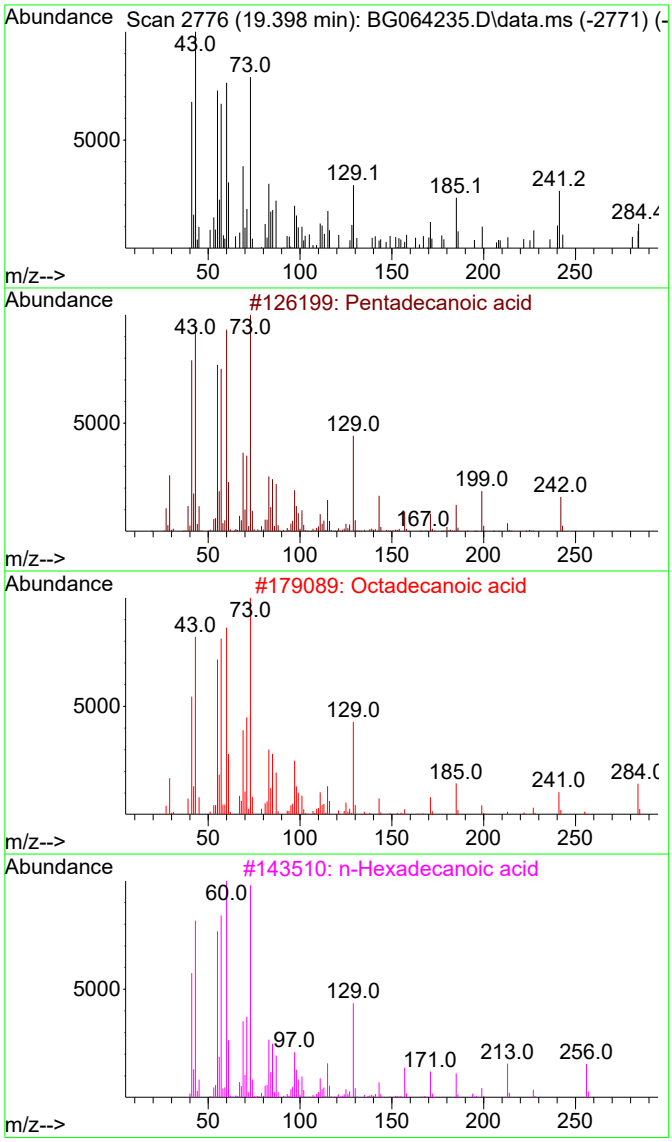
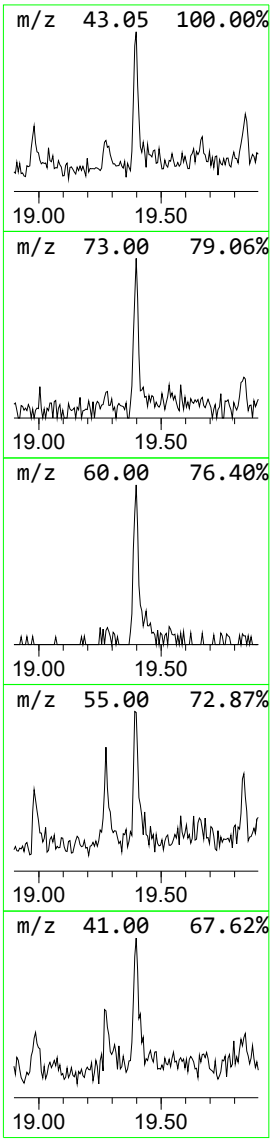
Peak Number 5 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.57 ng	80738	Chrysene-d12	21.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
2	Octadecanoic acid	284	C18H36O2	000057-11-4	53
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





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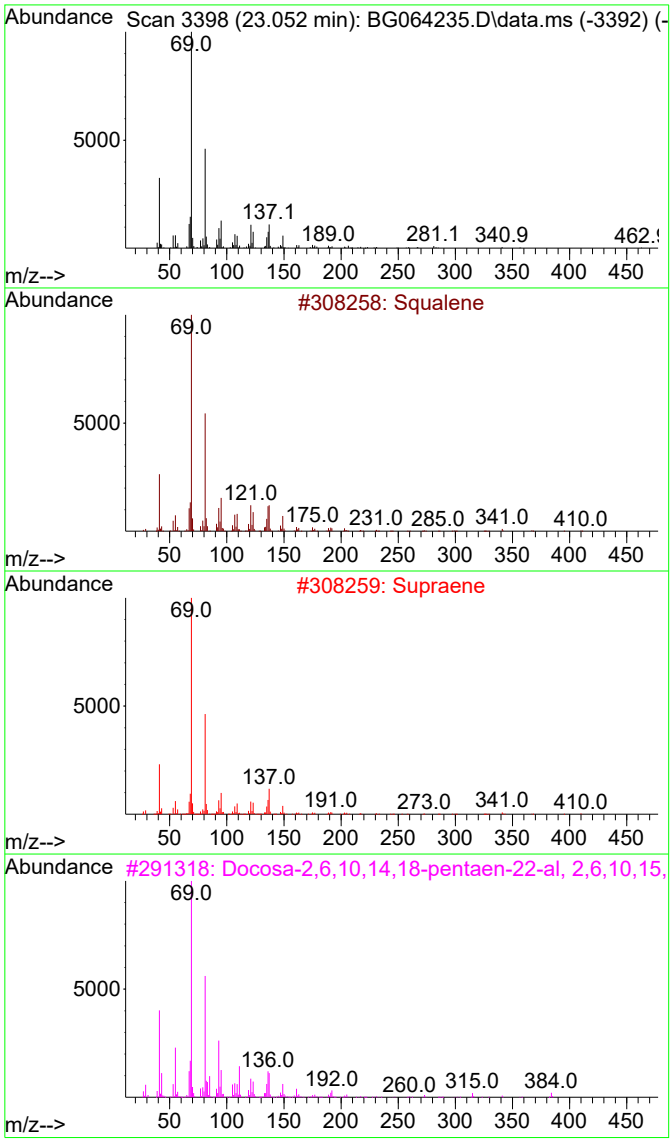
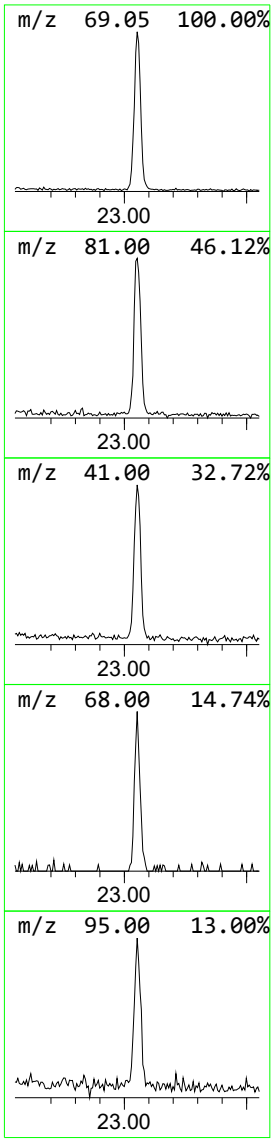
Peak Number 6 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.052	7.23 ng	238034	Perylene-d12	24.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	90
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72





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
2-Pentanone, 4-...	4.979	6.8	ng	58559	1	7.858	171341	20.0
Benzophenone	15.837	5.5	ng	110362	3	14.480	398235	20.0
Tridecanoic acid	18.123	9.9	ng	278901	4	17.218	564134	20.0
Metolachlor	18.399	3.7	ng	103758	4	17.218	564134	20.0
Pentadecanoic acid	19.398	2.6	ng	80738	5	21.448	628524	20.0
Squalene	23.052	7.2	ng	238034	6	24.456	658206	20.0