

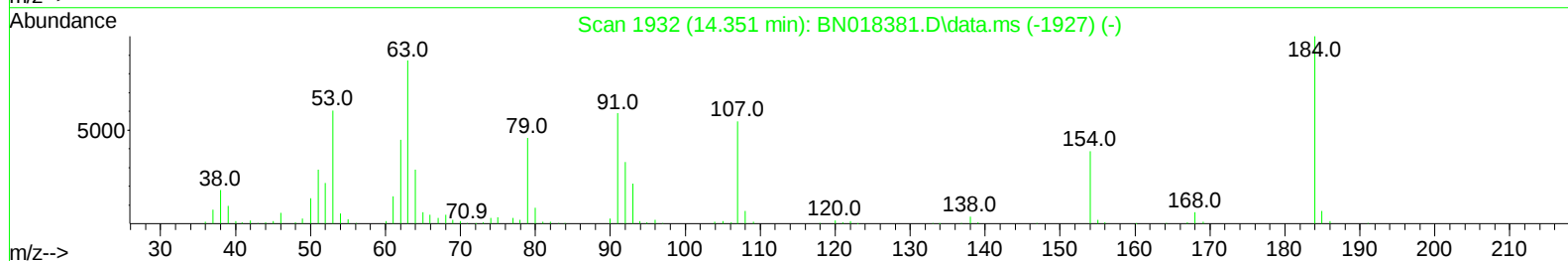
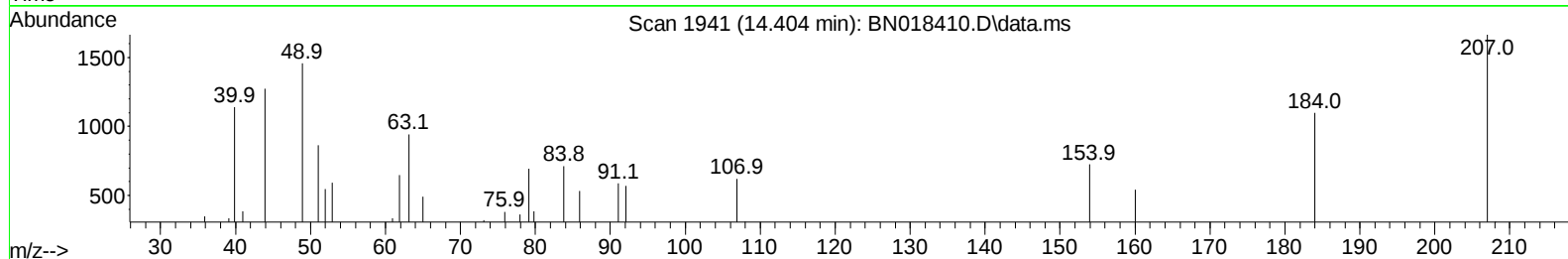
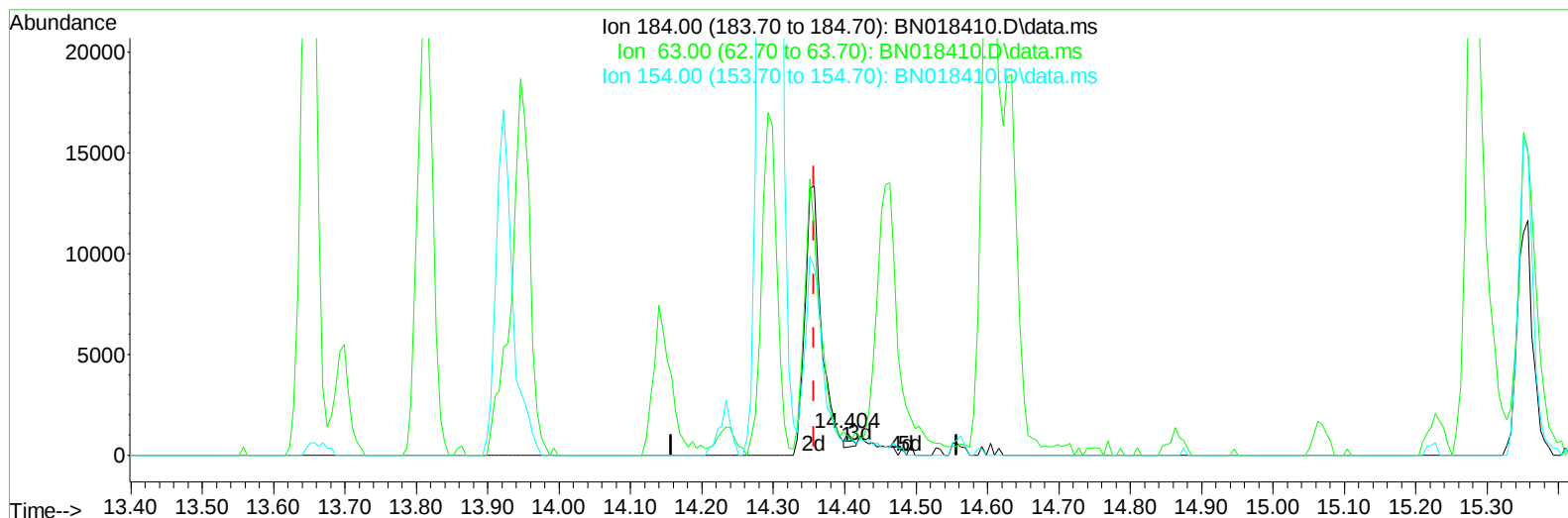
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018410.D
 Acq On : 15 Jan 2022 12:09
 Operator : CG/JU
 Sample : N3263-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 04:38:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration



TIC: BN018410.D\data.ms

(53) 2,4-Dinitrophenol

14.404min (+ 0.047) 0.05 ng/ul

response 411

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	73.20	85.82
154.00	57.70	65.82
0.00	0.00	0.00

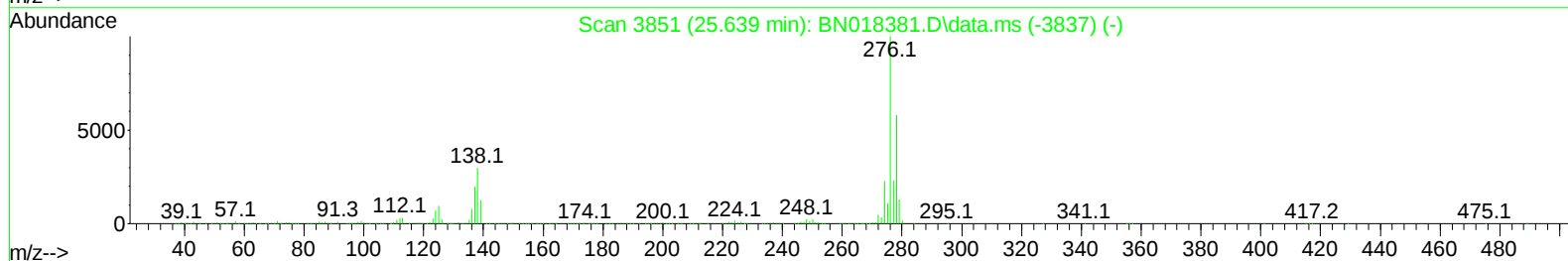
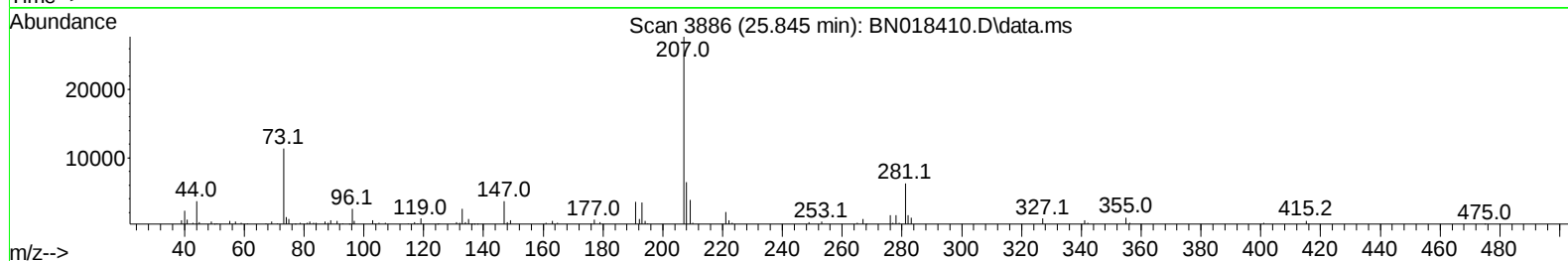
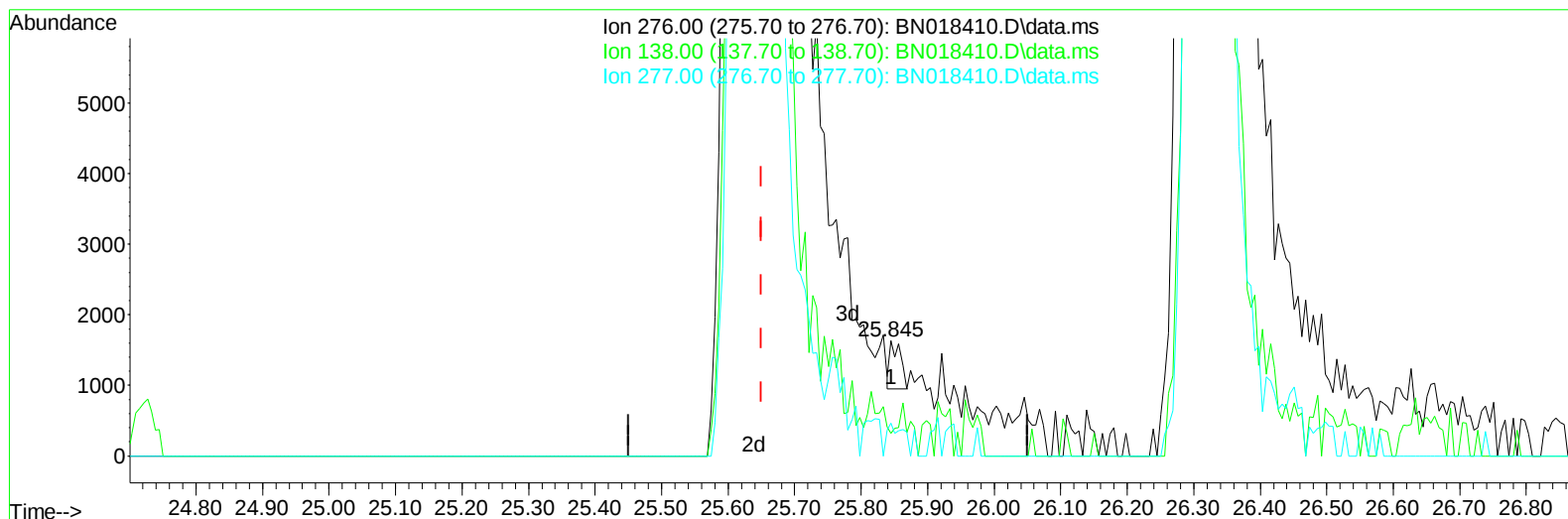
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018410.D
 Acq On : 15 Jan 2022 12:09
 Operator : CG/JU
 Sample : N3263-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 04:38:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration



TIC: BN018410.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

25.845min (+ 0.194) 0.01 ng/u1

response 749

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	19.40
277.00	23.90	28.46
0.00	0.00	0.00

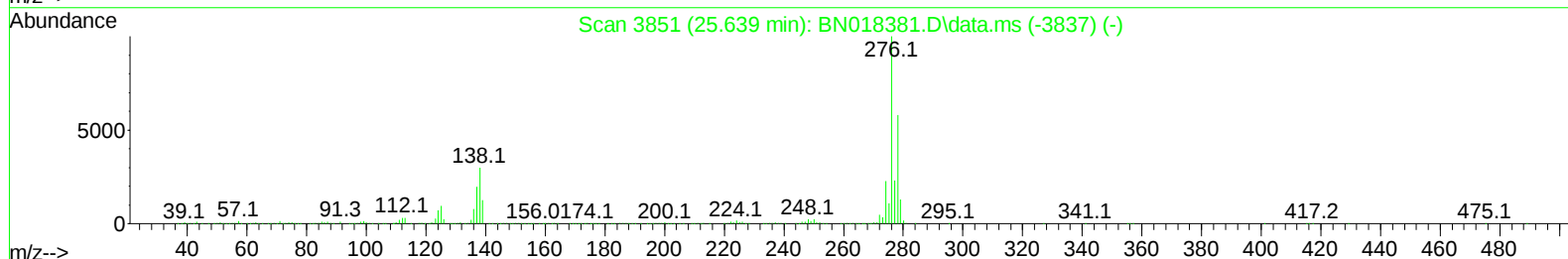
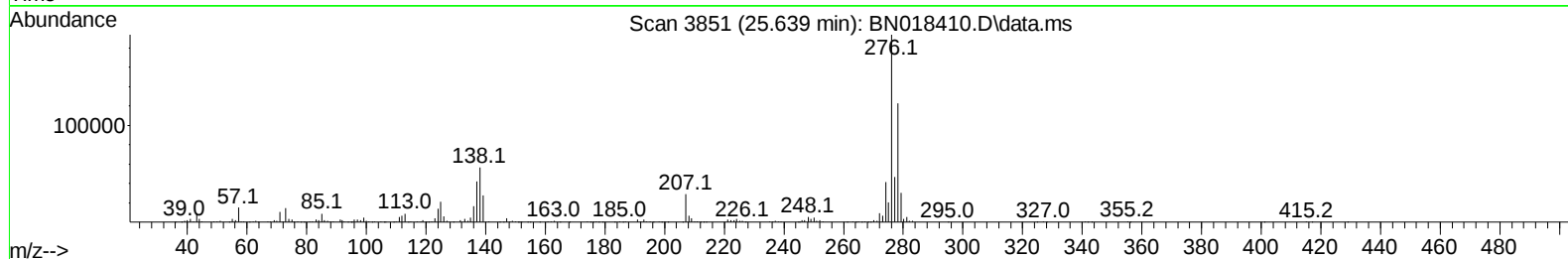
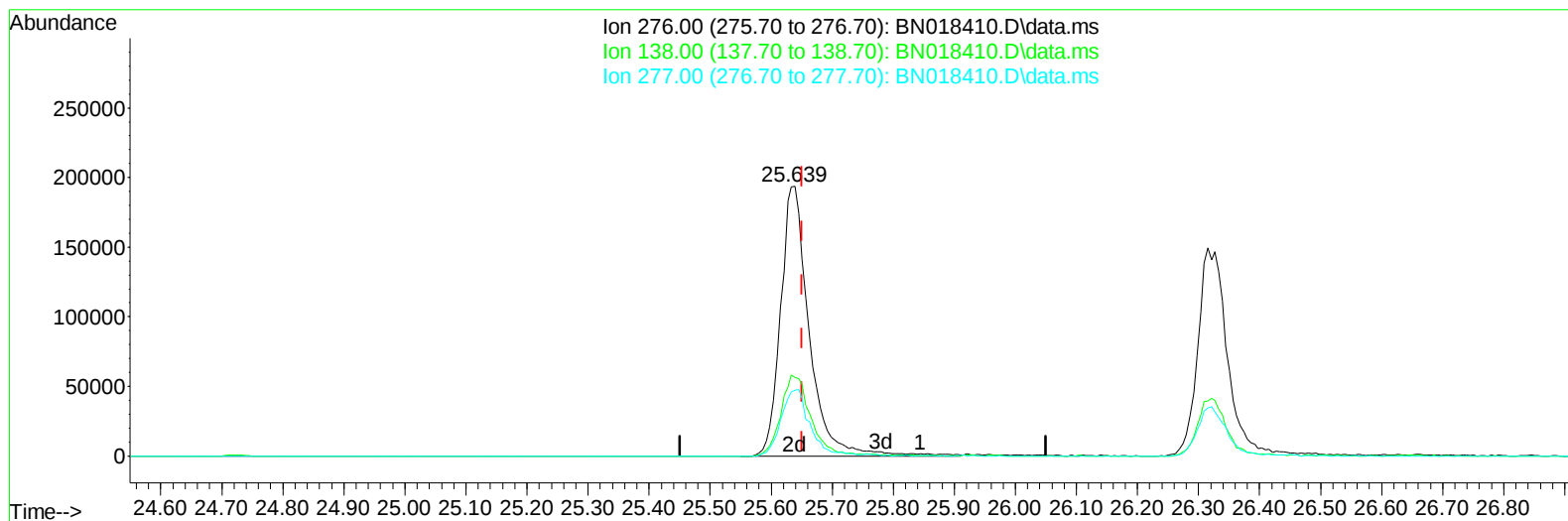
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018410.D
 Acq On : 15 Jan 2022 12:09
 Operator : CG/JU
 Sample : N3263-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Quant Time: Jan 17 04:38:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022



TIC: BN018410.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

25.639min (-0.012) 4.60 ng/ul m

response 629744

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	29.17#
277.00	23.90	24.31
0.00	0.00	0.00

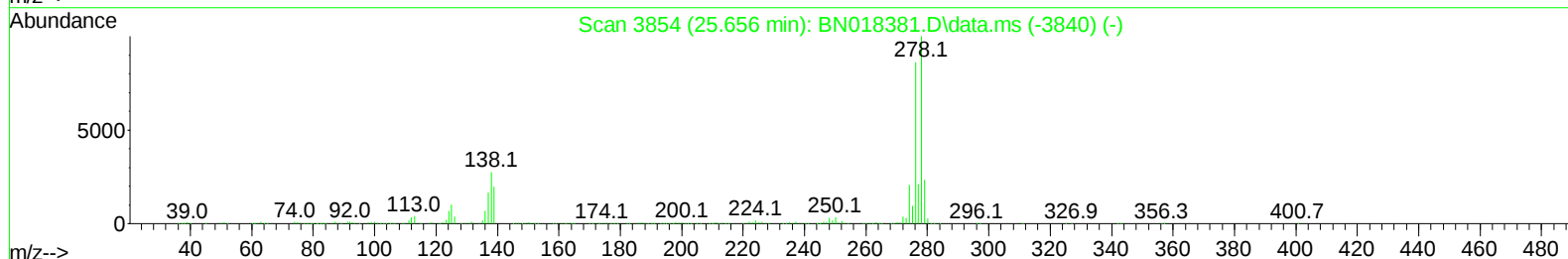
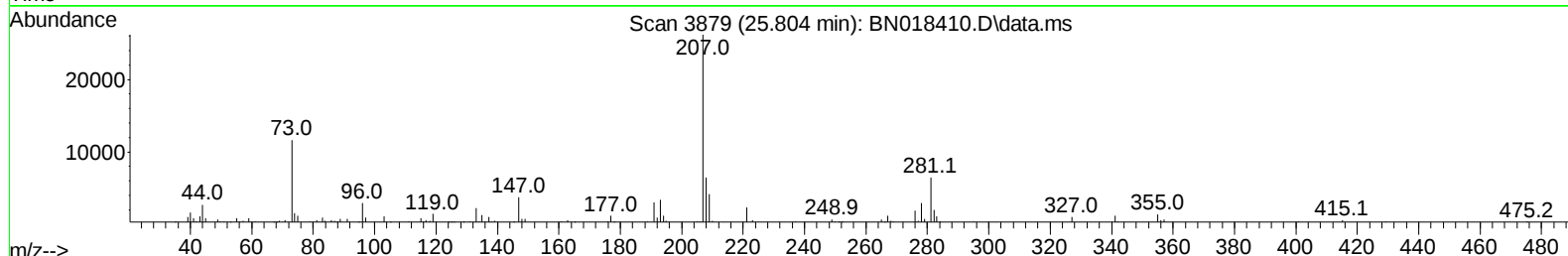
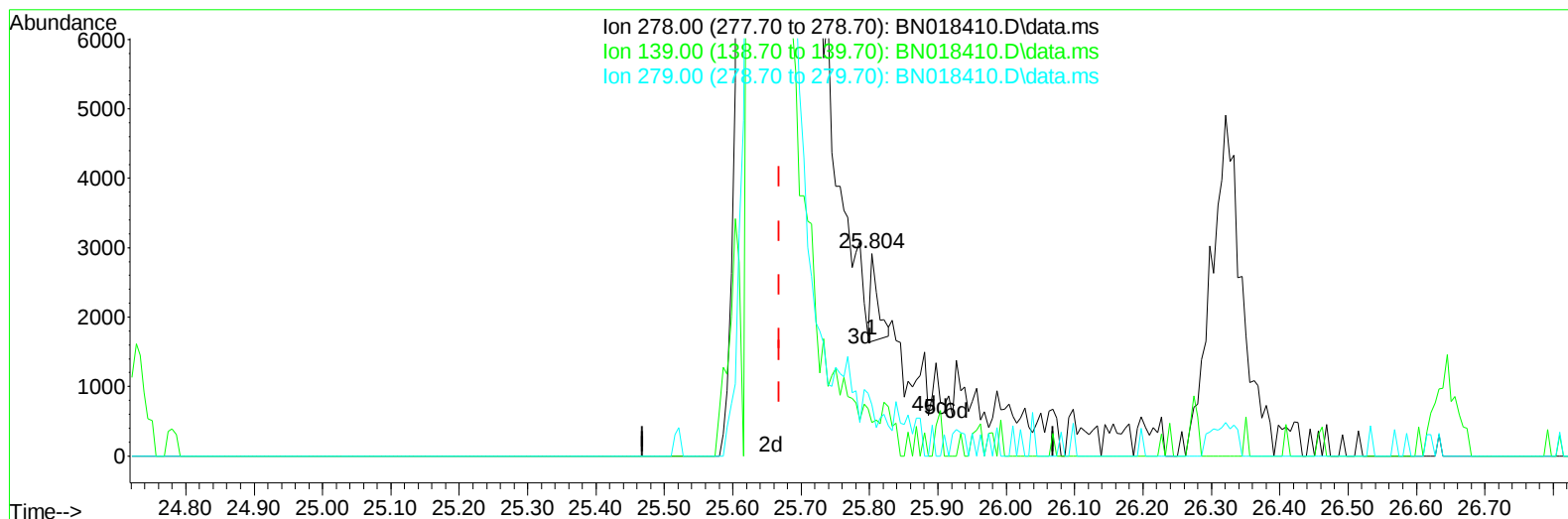
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018410.D
 Acq On : 15 Jan 2022 12:09
 Operator : CG/JU
 Sample : N3263-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Quant Time: Jan 17 04:38:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022



TIC: BN018410.D\data.ms

(95) Dibenzo(a,h)anthracene

25.804min (+ 0.135) 0.01 ng/u1

response 934

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.60	16.58
279.00	23.90	25.21
0.00	0.00	0.00

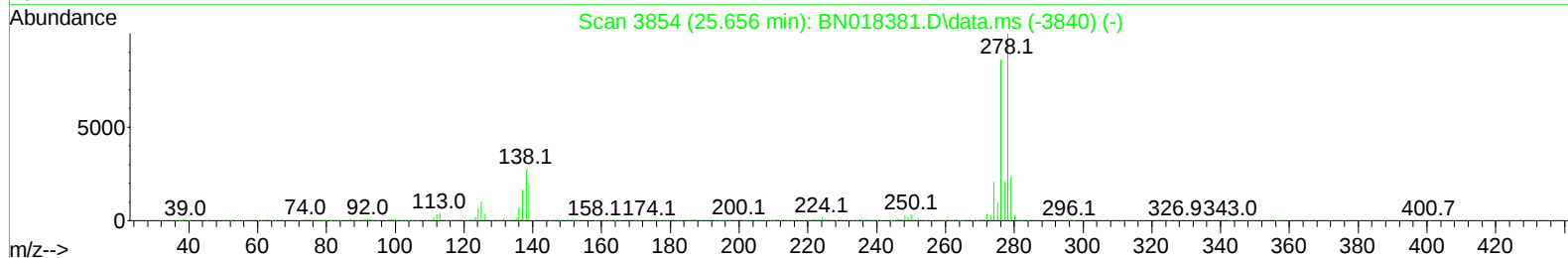
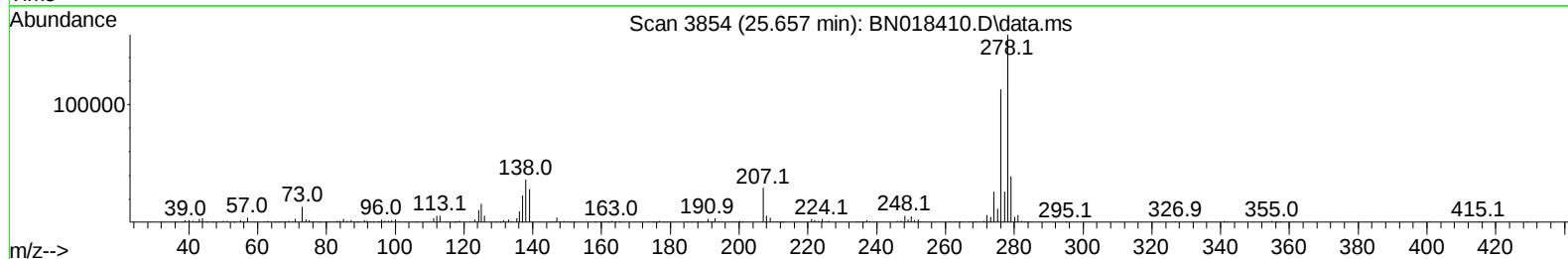
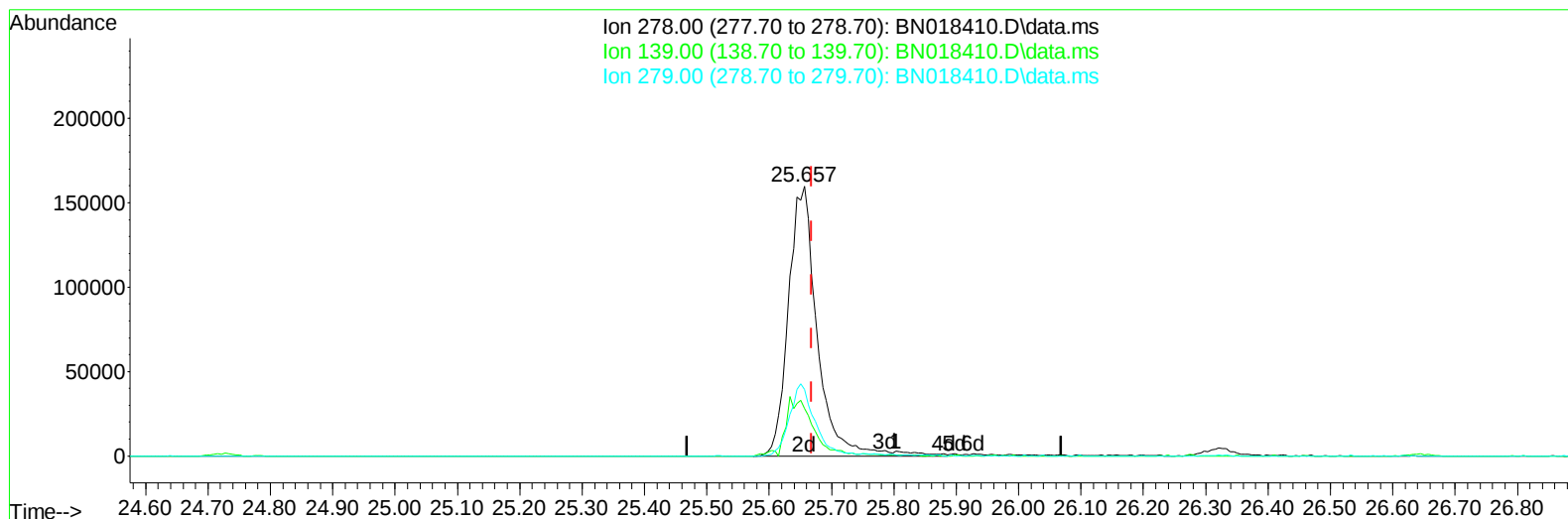
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018410.D
 Acq On : 15 Jan 2022 12:09
 Operator : CG/JU
 Sample : N3263-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Quant Time: Jan 17 04:38:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022



TIC: BN018410.D\data.ms

(95) Dibenzo(a,h)anthracene

25.657min (-0.012) 4.45 ng/ul m

response 513954

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.60	17.65#
279.00	23.90	24.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018410.D
 Acq On : 15 Jan 2022 12:09
 Operator : CG/JU
 Sample : N3263-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 04:38:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	333135	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	1521597	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	974258	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.975	188	2026723	20.000	ng/ul	0.00
79) Chrysene-d12	21.169	240	1991634	20.000	ng/ul	#-0.01
88) Perylene-d12	23.392	264	2024972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	47478	5.729	ng/uL	0.00
4) Pyridine-d5	3.464	84	679075	26.184	ng/ul	0.00
7) Phenol-d5	6.775	99	1029752	31.805	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	687504	33.335	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	820187	34.584	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	833297	32.607	ng/ul	-0.01
21) Nitrobenzene-d5	8.740	128	389135	34.337	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	433993	35.826	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	753336	34.229	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	1117979	33.052	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	2600361	36.747	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	2929862	32.752	ng/ul	0.00
54) 4-Nitrophenol-d4	14.445	143	398258	29.493	ng/ul	0.00
60) Fluorene-d10	15.228	176	2063098	34.556	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.351	200	337605	29.439	ng/ul	-0.01
73) Anthracene-d10	17.075	188	3083393	32.849	ng/ul	0.00
81) Pyrene-d10	19.375	212	3401277	29.771	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.251	264	3975125	39.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	8998	0.965	ng/ul#	86
5) Pyridine	3.487	79	115009	4.264	ng/ul#	75
6) Benzaldehyde	6.728	77	82892	4.031	ng/ul	98
8) Phenol	6.799	94	143615	4.256	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.022	93	123290	4.532	ng/ul	93
12) 2-Chlorophenol	7.158	128	111240	4.445	ng/ul	90
13) 2-Methylphenol	8.046	108	95310	3.754	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.122	45	149184	4.132	ng/ul	98
16) Acetophenone	8.405	105	179193	4.578	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.399	70	88944	4.159	ng/ul	95
18) 4-Methylphenol	8.369	108	114993	4.222	ng/ul	96
19) Hexachloroethane	8.657	117	45096	4.345	ng/ul#	75
22) Nitrobenzene	8.781	77	139871	4.672	ng/ul	98
23) Isophorone	9.299	82	231209	3.845	ng/ul	99
25) 2-Nitrophenol	9.487	139	61702	4.575	ng/ul	95
26) 2,4-Dimethylphenol	9.563	107	125841	4.208	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.793	93	157120	4.200	ng/ul	97
29) 2,4-Dichlorophenol	10.022	162	101233	4.541	ng/ul	92
30) Naphthalene	10.416	128	375086	4.506	ng/ul	98
32) 4-Chloroaniline	10.528	127	148295	4.293	ng/ul	96
33) Hexachlorobutadiene	10.710	225	56438	4.643	ng/ul	99
34) Caprolactam	11.281	113	33456	3.818	ng/ul	91
35) 4-Chloro-3-methylphenol	11.675	107	106306	3.810	ng/ul	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018410.D
 Acq On : 15 Jan 2022 12:09
 Operator : CG/JU
 Sample : N3263-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 04:38:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	259149	4.665	ng/ul	100
37) 1-Methylnaphthalene	12.263	142	263086	4.551	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	115868	4.637	ng/ul#	95
40) Hexachlorocyclopentadiene	12.404	237	57840	4.030	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.663	196	65206	3.847	ng/ul	96
42) 2,4,5-Trichlorophenol	12.740	196	74638	4.154	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	349029	4.600	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	266685	4.704	ng/ul#	93
45) 2-Nitroaniline	13.310	65	57842	3.260	ng/ul	98
47) Dimethylphthalate	13.698	163	347127	4.833	ng/ul	99
48) 2,6-Dinitrotoluene	13.810	165	48601	3.571	ng/ul#	87
50) Acenaphthylene	13.951	152	403442	4.280	ng/ul	100
51) 3-Nitroaniline	14.145	138	46994	3.071	ng/ul	95
52) Acenaphthene	14.298	153	284645	4.582	ng/ul	96
53) 2,4-Dinitrophenol	14.357	184	22163m	2.891	ng/ul	
55) 4-Nitrophenol	14.463	109	46613	4.040	ng/ul	96
56) Dibenzofuran	14.634	168	404846	4.700	ng/ul	91
57) 2,4-Dinitrotoluene	14.604	165	82561	4.216	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	14.863	232	62321	4.303	ng/ul#	74
59) Diethylphthalate	15.069	149	338006	4.559	ng/ul	95
61) Fluorene	15.281	166	324891	4.897	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.281	204	146296	4.932	ng/ul#	81
63) 4-Nitroaniline	15.304	138	46405	3.400	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.369	198	49633	4.246	ng/ul#	64
67) N-Nitrosodiphenylamine	15.498	169	277380	4.416	ng/ul	97
68) 4-Bromophenyl-phenylether	16.175	248	83728	4.260	ng/ul#	78
69) Hexachlorobenzene	16.292	284	104808	4.449	ng/ul#	89
70) Atrazine	16.451	200	77597	3.767	ng/ul	92
71) Pentachlorophenol	16.639	266	55297	4.112	ng/ul	91
72) Phenanthrene	17.016	178	514719	4.469	ng/ul	99
74) Anthracene	17.110	178	504061	4.409	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.028	216	114936	3.972	ng/uL	96
76) Pentachlorobenzene	14.557	250	120613	4.458	ng/uL	99
77) Carbazole	17.381	167	435690	4.330	ng/ul	98
78) Di-n-butylphthalate	17.963	149	474833	3.838	ng/ul	99
80) Fluoranthene	19.039	202	581018	4.196	ng/ul#	91
82) Pyrene	19.404	202	614396	4.354	ng/ul#	94
83) Butylbenzylphthalate	20.322	149	180574	3.087	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.098	252	134731	3.509	ng/ul#	94
85) Benzo(a)anthracene	21.157	228	586133	4.496	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.110	149	316725	3.560	ng/ul#	93
87) Chrysene	21.210	228	581809	4.532	ng/ul	99
89) Di-n-octyl phthalate	21.980	149	490661	3.381	ng/ul	100
90) Benzo(b)fluoranthene	22.721	252	581646	4.481	ng/ul#	94
91) Benzo(k)fluoranthene	22.768	252	585822	4.866	ng/ul#	95
93) Benzo(a)pyrene	23.292	252	517045	4.177	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.639	276	629744m	4.600	ng/ul	
95) Dibenzo(a,h)anthracene	25.657	278	513954m	4.452	ng/ul	
96) Benzo(g,h,i)perylene	26.315	276	494846	4.314	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT4-2021-08

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

