

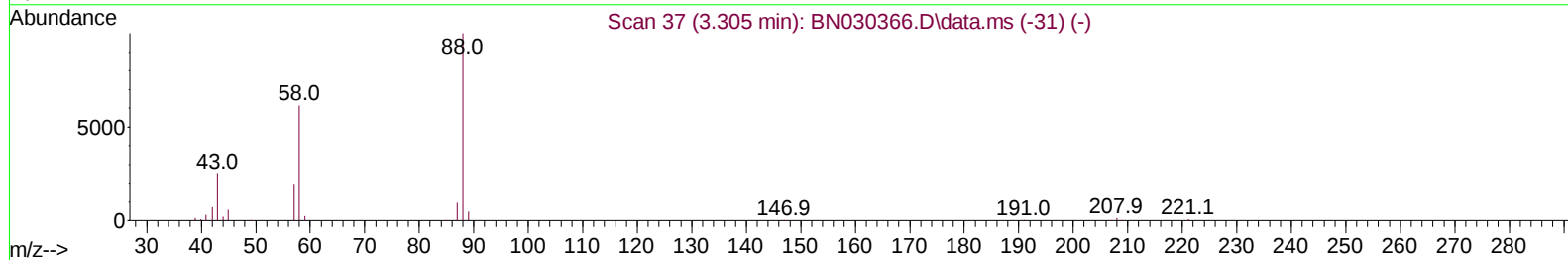
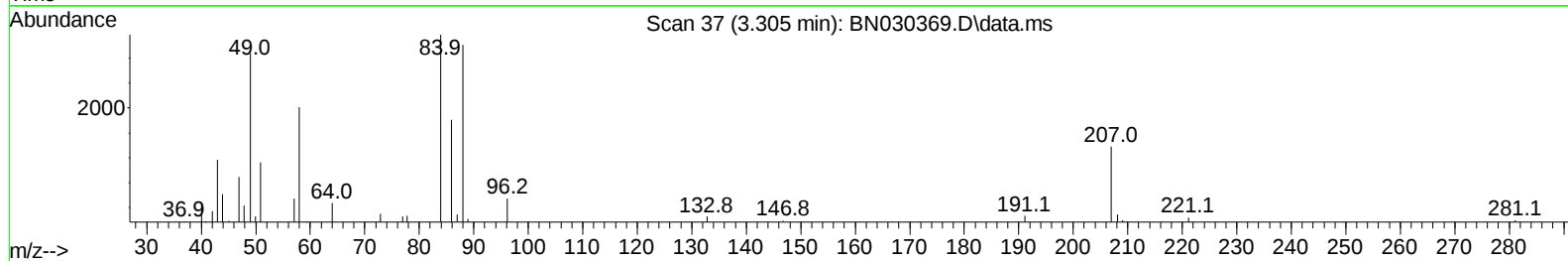
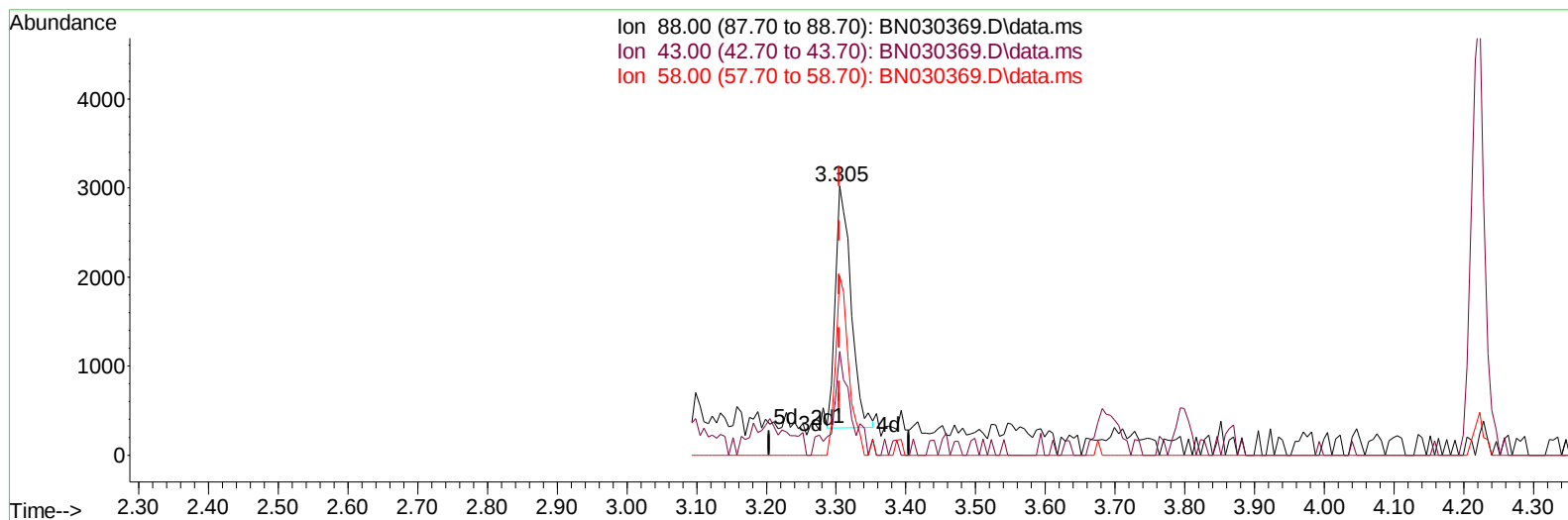
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
 Data File : BN030369.D
 Acq On : 12 Mar 2024 11:20
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Quant Time: Mar 12 12:01:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 13:57:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024



TIC: BN030369.D\data.ms

(2) 1,4-Dioxane

3.305min (-0.000) 1.49 ng/uL

response 4202

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.00	38.58#
58.00	61.20	66.66
0.00	0.00	0.00

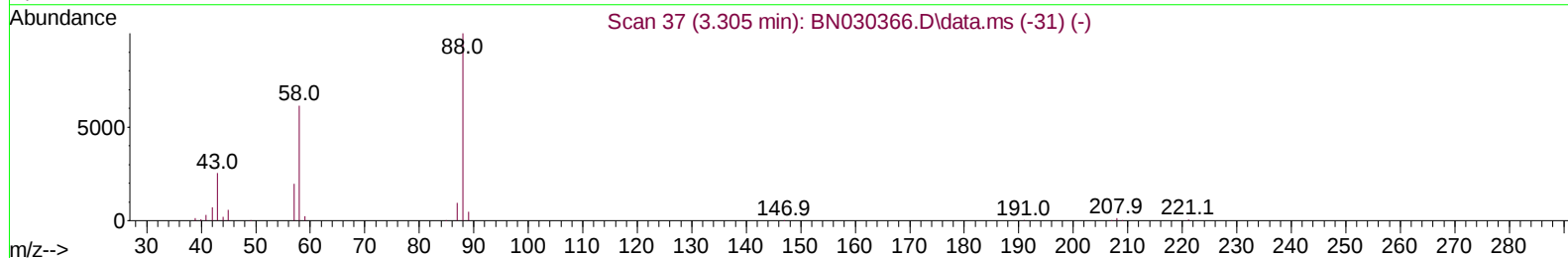
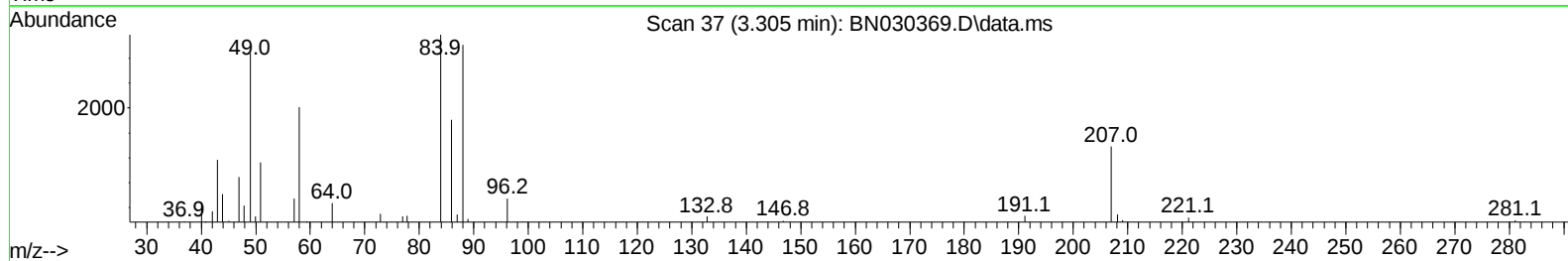
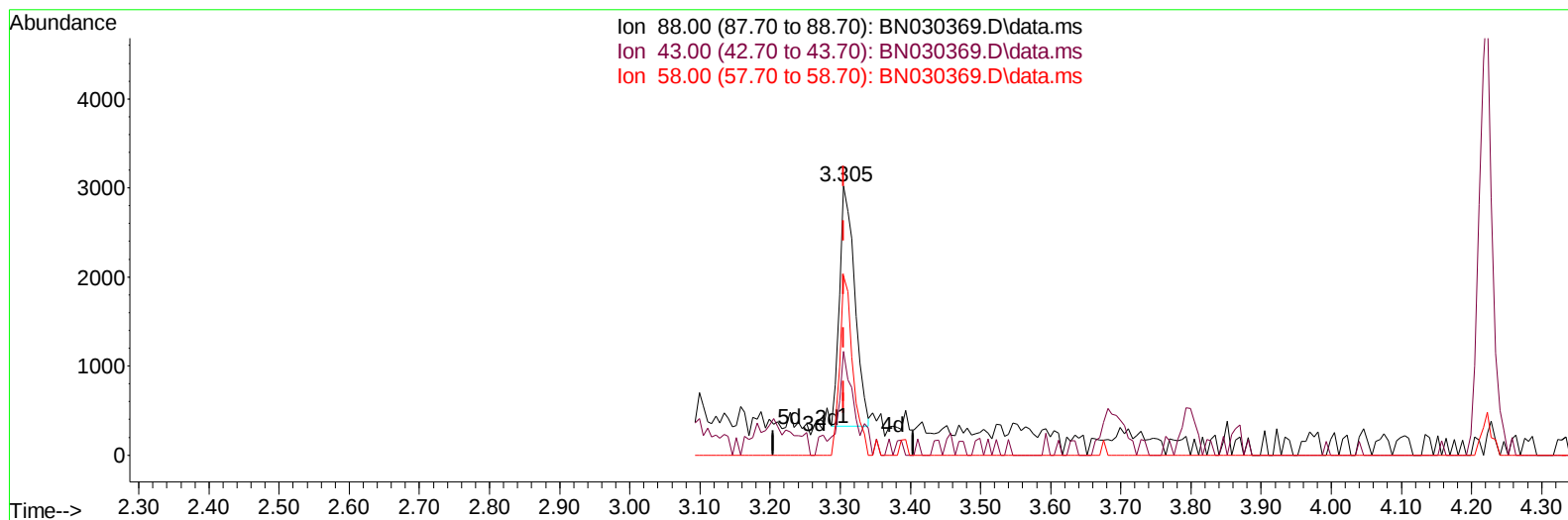
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 Supervised By :mohammad ahmed 03/14/2024



TIC: BN030369.D\data.ms

(2) 1,4-Dioxane

3.305min (-0.000) 1.43 ng/uL m

response 4057

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.00	38.58#
58.00	61.20	66.66
0.00	0.00	0.00

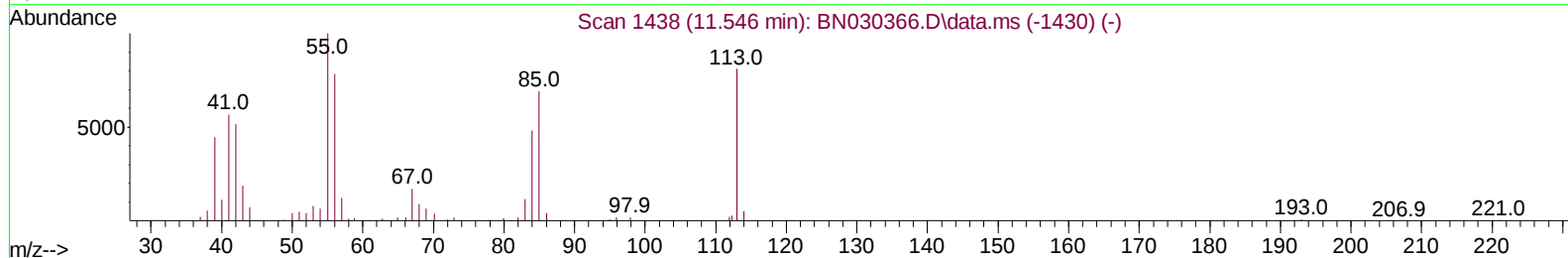
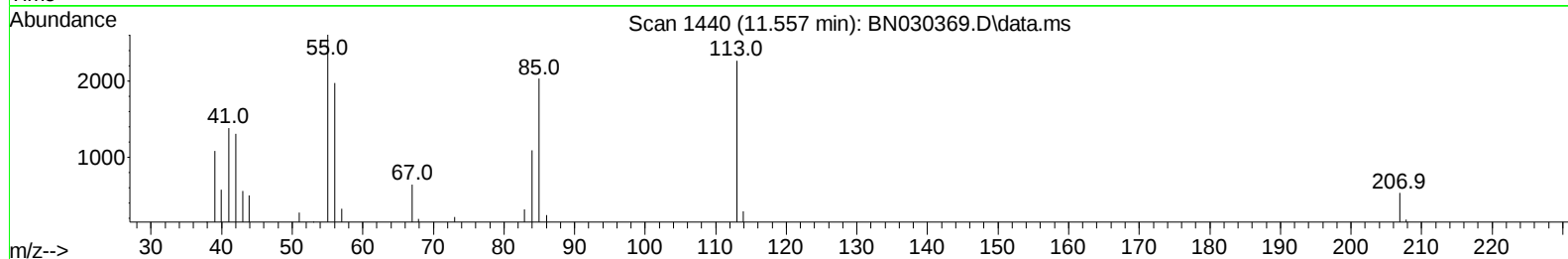
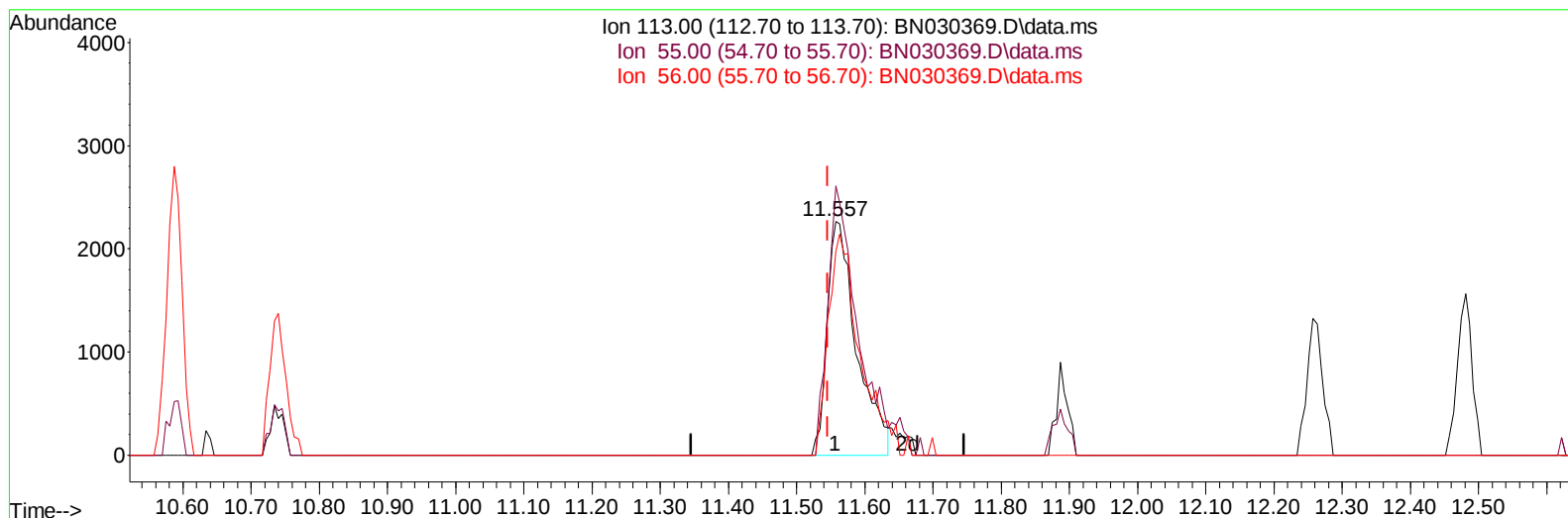
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
Data File : BN030369.D
Acq On : 12 Mar 2024 11:20
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 13:57:34 2024
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TIC: BN030369.D\data.ms

(34) Caprolactam

11.557min (+ 0.012) 3.76 ng/ul

response 6794

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	114.99
56.00	113.50	87.04#
0.00	0.00	0.00

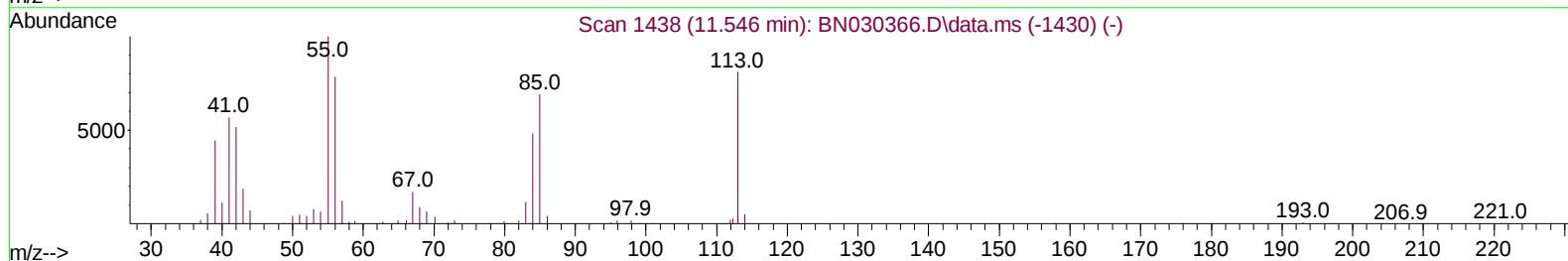
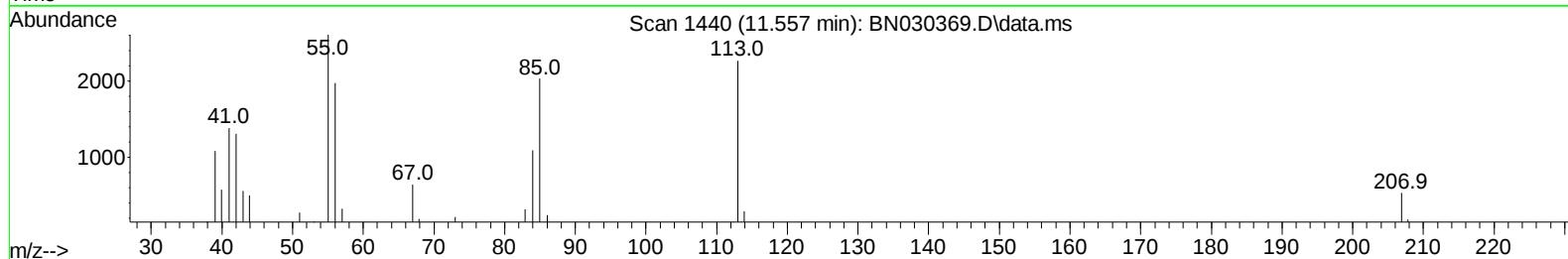
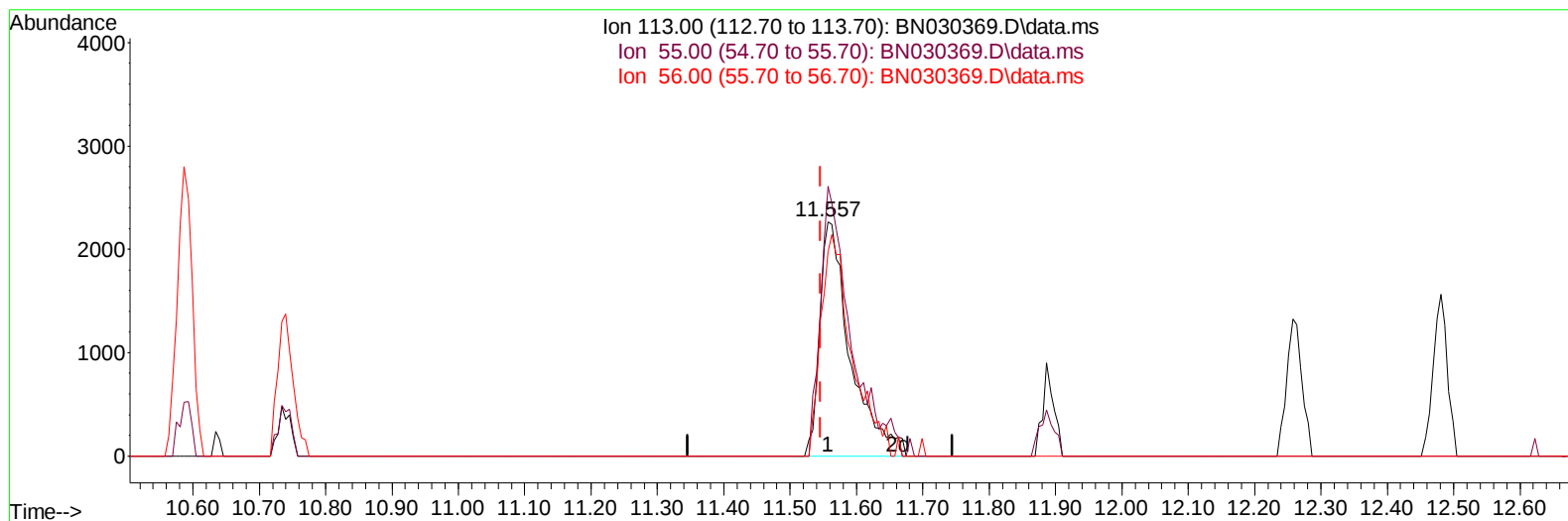
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
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Instrument :
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TIC: BN030369.D\data.ms

(34) Caprolactam

11.557min (+ 0.012) 3.98 ng/ul m

response 7203

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	114.99
56.00	113.50	87.04#
0.00	0.00	0.00

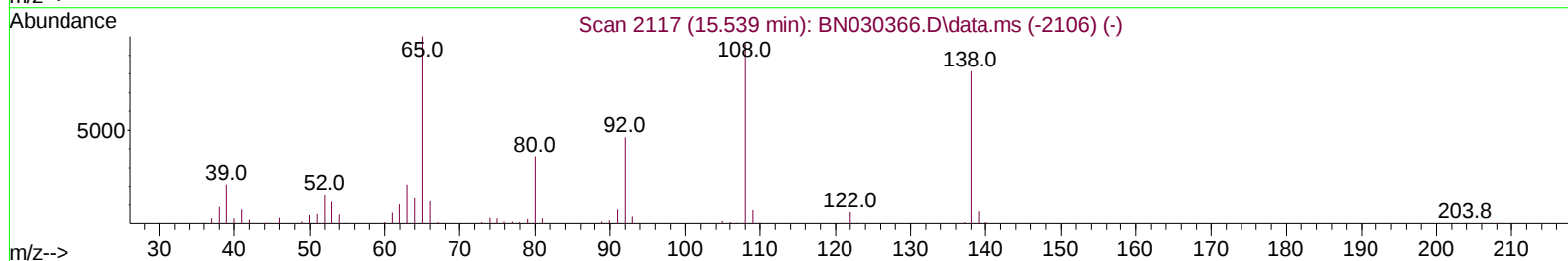
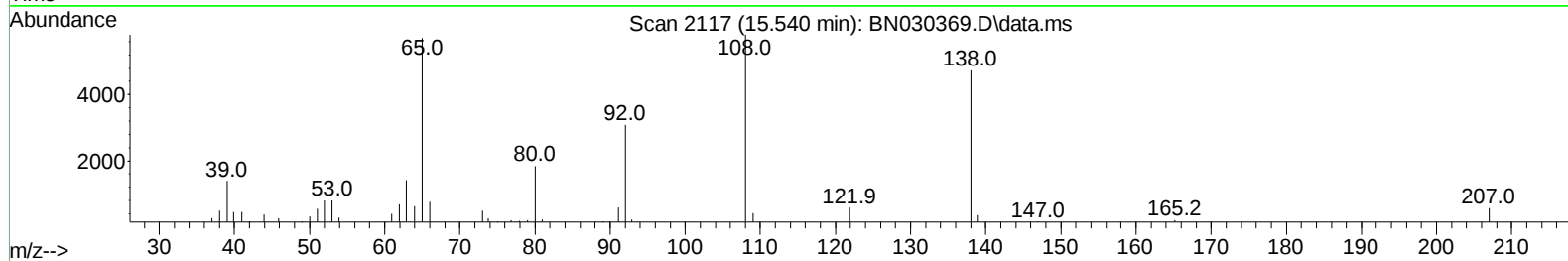
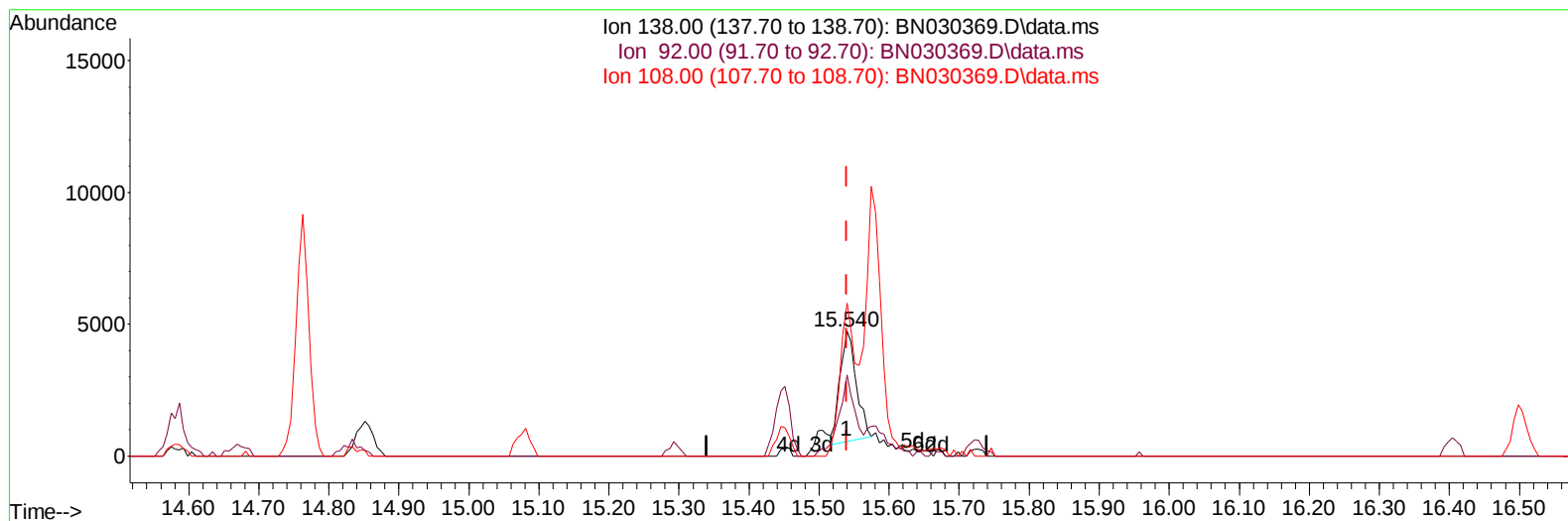
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TIC: BN030369.D\data.ms

(63) 4-Nitroaniline

15.540min (-0.000) 2.33 ng/ul

response 6897

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	65.06
108.00	116.50	122.43
0.00	0.00	0.00

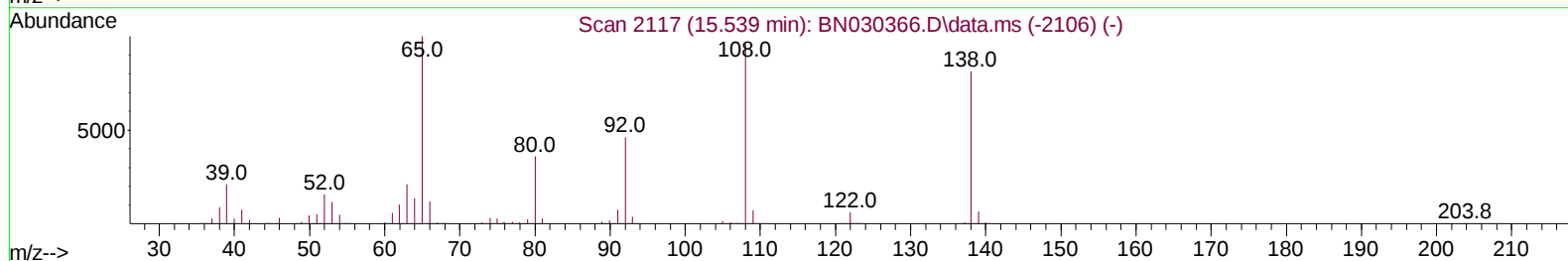
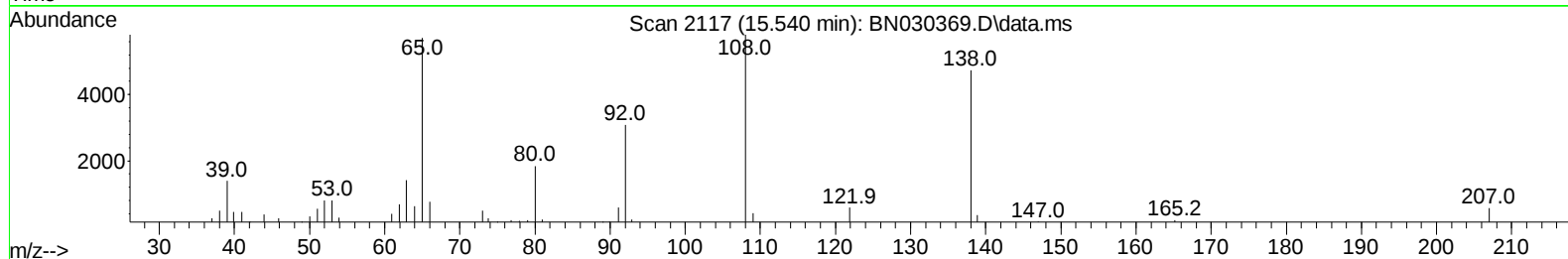
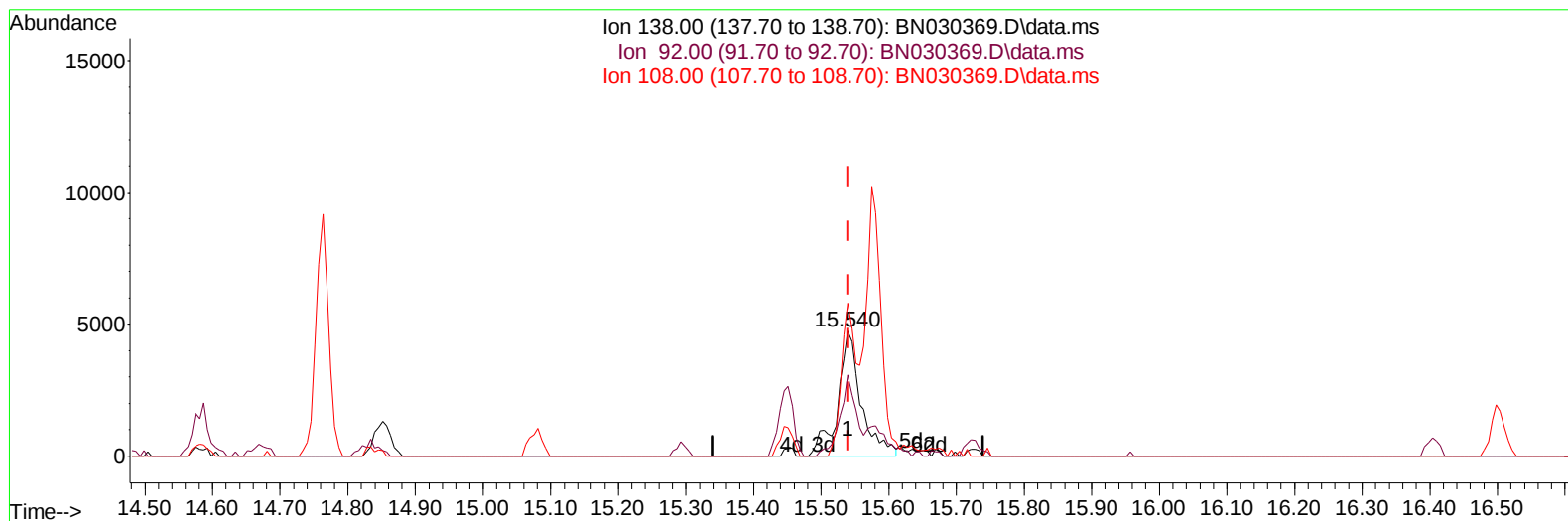
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
 Data File : BN030369.D
 Acq On : 12 Mar 2024 11:20
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 03/14/2024



TIC: BN030369.D\data.ms

(63) 4-Nitroaniline

15.540min (-0.000) 3.86 ng/ul m

response 11440

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	65.06
108.00	116.50	122.43
0.00	0.00	0.00

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 Data File : BN030369.D
 Acq On : 12 Mar 2024 11:20
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 12 12:03:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 13:57:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	99413	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	387728	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	206395	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	407636	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	347684	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	375073	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	16556	5.620	ng/uL	0.00
4) Pyridine-d5	3.675	84	171637	24.408	ng/ul	0.00
7) Phenol-d5	6.963	99	177712	20.148	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	97824	19.532	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	154660	21.889	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	132407	19.046	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	70658	21.840	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	73899	21.787	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	126632	20.934	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	176458	19.654	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	361509	21.723	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	415091	22.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	52809	17.898	ng/ul	0.00
60) Fluorene-d10	15.451	176	295573	21.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	47625	18.705	ng/ul	0.00
73) Anthracene-d10	17.310	188	388738	19.639	ng/ul	0.00
81) Pyrene-d10	19.616	212	445230	20.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	430822	21.930	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	4057m	1.435	ng/uL	
5) Pyridine	3.699	79	36339	5.079	ng/ul#	63
6) Benzaldehyde	6.946	77	24437	5.944	ng/ul	93
8) Phenol	6.993	94	38743	4.414	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	30762	4.385	ng/ul	98
12) 2-Chlorophenol	7.352	128	34762	4.781	ng/ul	95
13) 2-Methylphenol	8.240	108	27538	4.185	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.334	45	26006	4.078	ng/ul	95
16) Acetophenone	8.628	105	49741	4.452	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.610	70	22363	4.183	ng/ul	96
18) 4-Methylphenol	8.569	108	29155	4.193	ng/ul	95
19) Hexachloroethane	8.858	117	15244	4.513	ng/ul	98
22) Nitrobenzene	9.005	77	38261	4.583	ng/ul	98
23) Isophorone	9.528	82	60809	4.213	ng/ul	97
25) 2-Nitrophenol	9.710	139	16939	4.636	ng/ul	98
26) 2,4-Dimethylphenol	9.769	107	24160	3.203	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.022	93	37737	4.458	ng/ul	97
29) 2,4-Dichlorophenol	10.234	162	28665	4.718	ng/ul	91
30) Naphthalene	10.640	128	107747	4.868	ng/ul	99
32) 4-Chloroaniline	10.769	127	38500	4.409	ng/ul	95
33) Hexachlorobutadiene	10.916	225	20535	4.845	ng/ul	98
34) Caprolactam	11.557	113	7203m	3.981	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	27563	4.009	ng/ul	94

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 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

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Quant Time: Mar 12 12:03:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	68422	4.747	ng/ul	95
37) 1-Methylnaphthalene	12.481	142	68240	4.789	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.628	216	32537	4.992	ng/ul	92
40) Hexachlorocyclopentadiene	12.599	237	23424	4.798	ng/ul	89
41) 2,4,6-Trichlorophenol	12.875	196	18166	4.393	ng/ul	86
42) 2,4,5-Trichlorophenol	12.940	196	21025	4.653	ng/ul	92
43) 1,1'-Biphenyl	13.281	154	85114	4.886	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	65213	4.820	ng/ul	98
45) 2-Nitroaniline	13.540	65	14657	3.758	ng/ul	93
47) Dimethylphthalate	13.922	163	80348	4.751	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	13530	4.143	ng/ul	93
50) Acenaphthylene	14.169	152	108365	4.940	ng/ul	99
51) 3-Nitroaniline	14.375	138	11799	3.687	ng/ul	96
52) Acenaphthene	14.516	153	69537	4.785	ng/ul	95
53) 2,4-Dinitrophenol	14.587	184	10101	5.504	ng/ul	85
55) 4-Nitrophenol	14.675	109	15243	4.557	ng/ul	92
56) Dibenzofuran	14.851	168	94606	4.881	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	19952	4.280	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	16287	4.479	ng/ul	94
59) Diethylphthalate	15.292	149	82112	4.542	ng/ul	98
61) Fluorene	15.504	166	77849	4.865	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.504	204	37780	4.932	ng/ul	98
63) 4-Nitroaniline	15.540	138	11440m	3.861	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	13527	4.924	ng/ul#	85
67) N-Nitrosodiphenylamine	15.722	169	60535	4.707	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	20903	4.786	ng/ul#	77
69) Hexachlorobenzene	16.504	284	23366	4.885	ng/ul	97
70) Atrazine	16.687	200	23001	5.196	ng/ul	97
71) Pentachlorophenol	16.857	266	16849	5.206	ng/ul	91
72) Phenanthrene	17.251	178	114877	4.832	ng/ul	97
74) Anthracene	17.345	178	110118	4.553	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	31201	5.127	ng/uL	97
76) Pentachlorobenzene	14.763	250	31339	5.522	ng/uL	94
77) Carbazole	17.622	167	89507	4.168	ng/ul	98
78) Di-n-butylphthalate	18.204	149	123602	4.142	ng/ul	100
80) Fluoranthene	19.281	202	115035	4.252	ng/ul	100
82) Pyrene	19.645	202	127739	4.594	ng/ul	97
83) Butylbenzylphthalate	20.580	149	50144	3.764	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	36762	4.865	ng/ul	95
85) Benzo(a)anthracene	21.416	228	119908	4.596	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	78997	3.918	ng/ul	99
87) Chrysene	21.469	228	116548	4.816	ng/ul	97
89) Di-n-octyl phthalate	22.292	149	129220	3.680	ng/ul	100
90) Benzo(b)fluoranthene	23.069	252	116119	4.695	ng/ul	98
91) Benzo(k)fluoranthene	23.116	252	123059	4.818	ng/ul	98
93) Benzo(a)pyrene	23.680	252	111194	4.751	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.210	276	130466	4.687	ng/ul	98
95) Dibenzo(a,h)anthracene	26.233	278	110243	4.858	ng/ul	97
96) Benzo(g,h,i)perylene	26.945	276	110255	4.891	ng/ul	96

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

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-02

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