

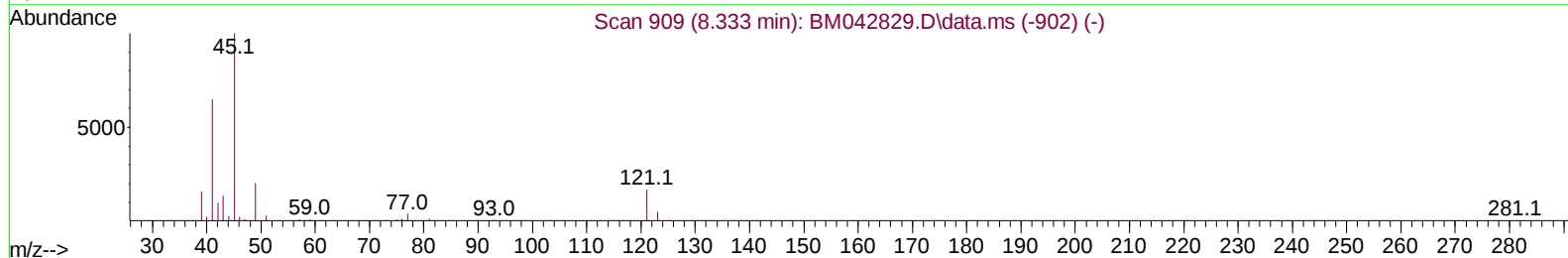
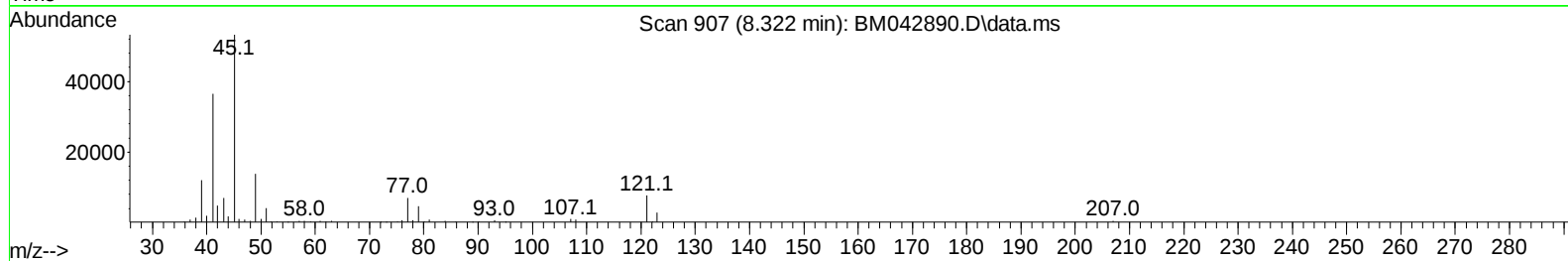
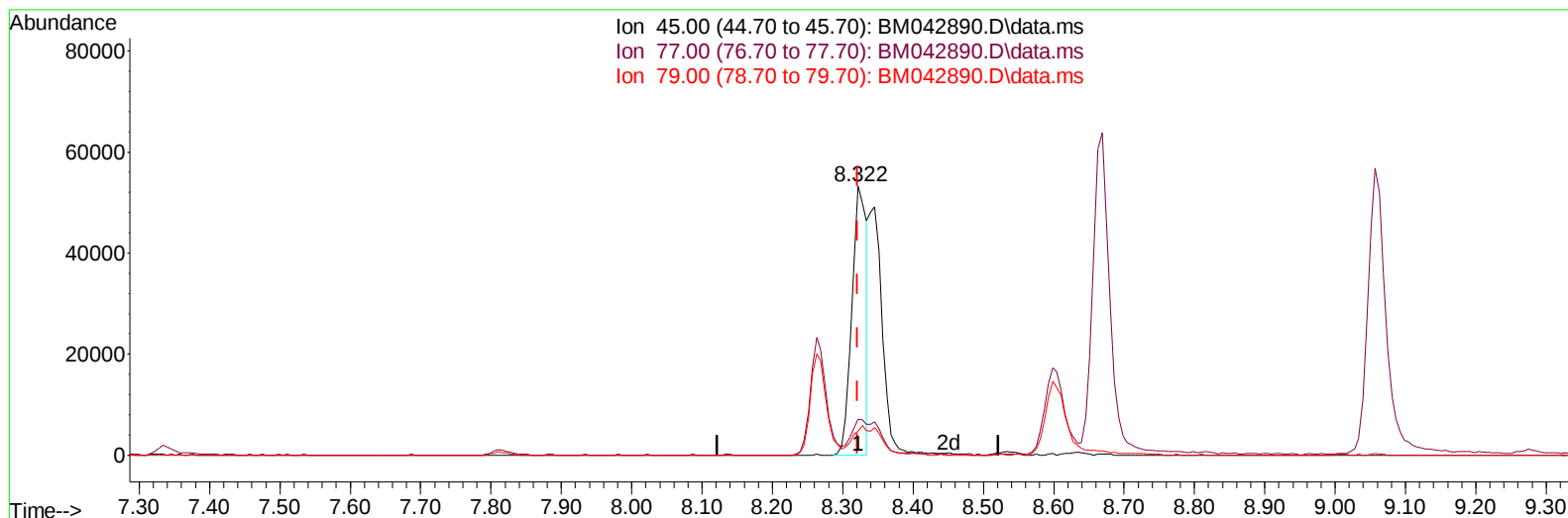
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042890.D
 Acq On : 18 Nov 2023 20:57
 Operator : MA/JU
 Sample : PB157227BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS227

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:44:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BM042890.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.322min (+ 0.000) 20.10 ng/u1

response 77152

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.27
79.00	10.20	8.93
0.00	0.00	0.00

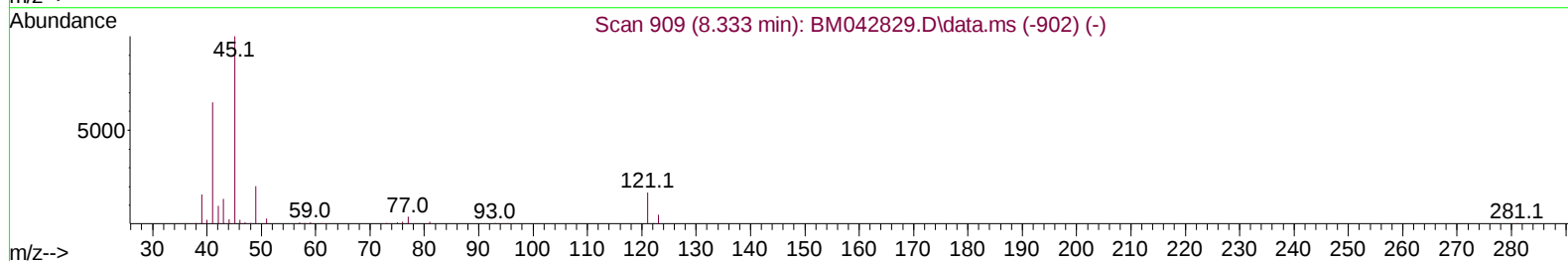
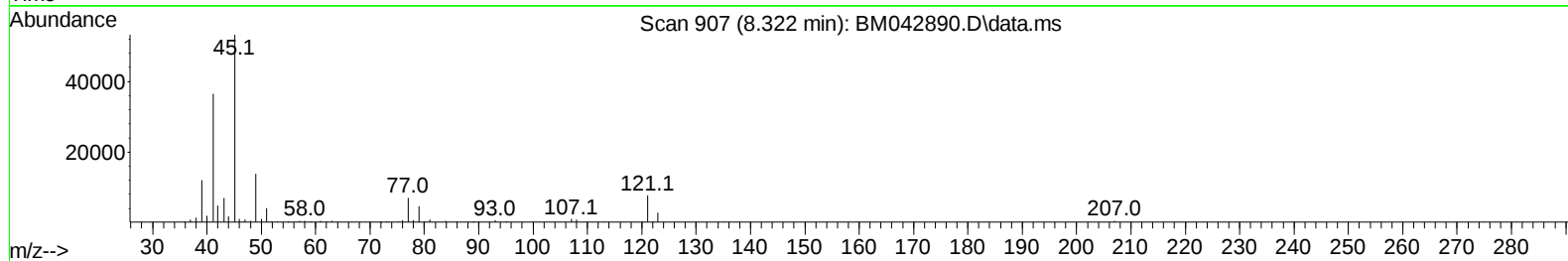
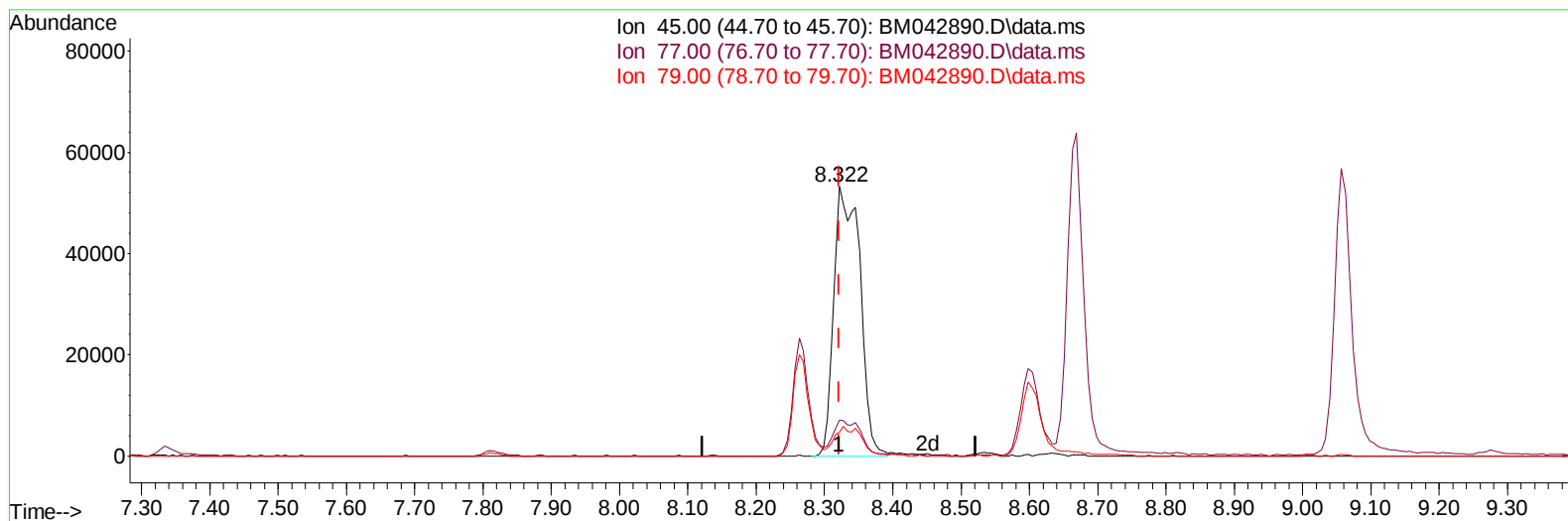
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042890.D
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TIC: BM042890.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.322min (+ 0.000) 36.72 ng/ul m

response 140917

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.27
79.00	10.20	8.93
0.00	0.00	0.00

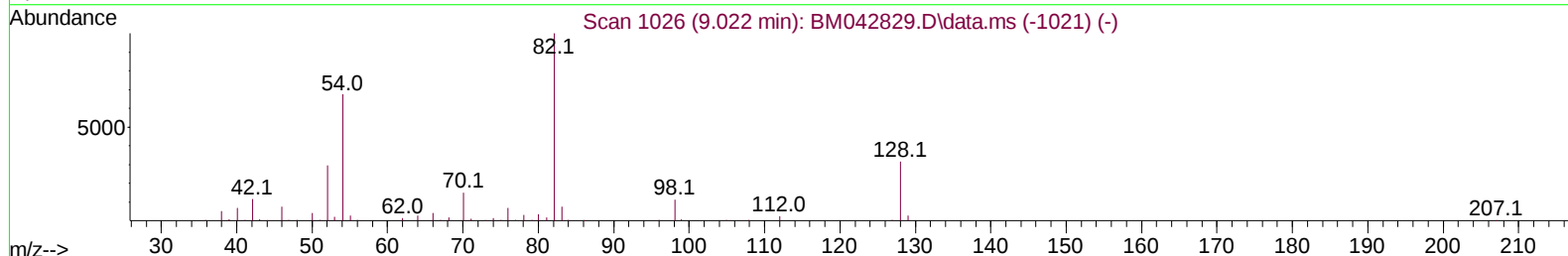
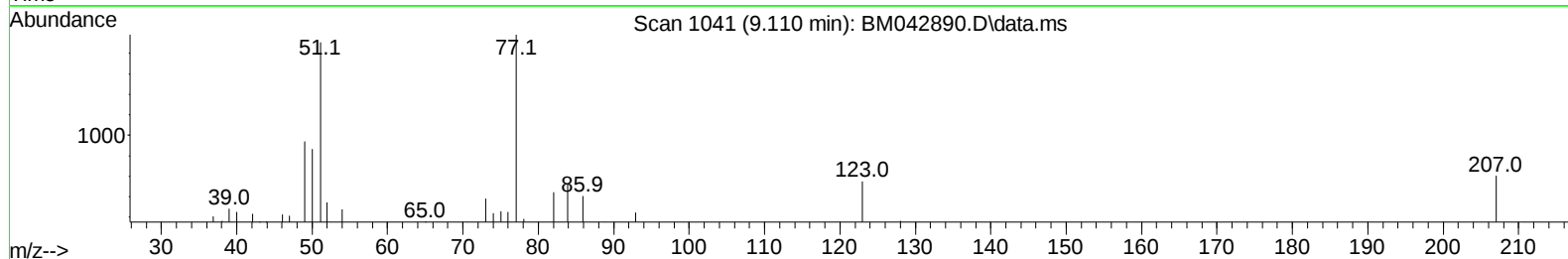
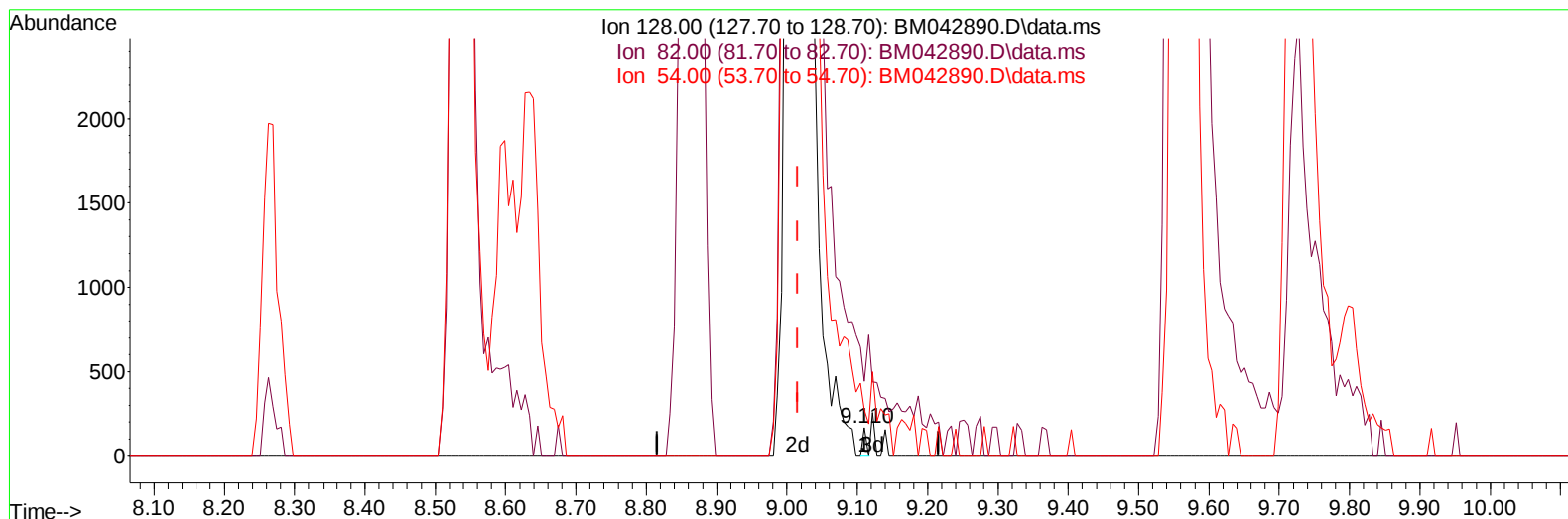
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
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TIC: BM042890.D\data.ms

(21) Nitrobenzene-d5 (S)

9.110min (+ 0.094) 0.06 ng/u1

response 59

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	289.30	265.66
54.00	185.60	165.66
0.00	0.00	0.00

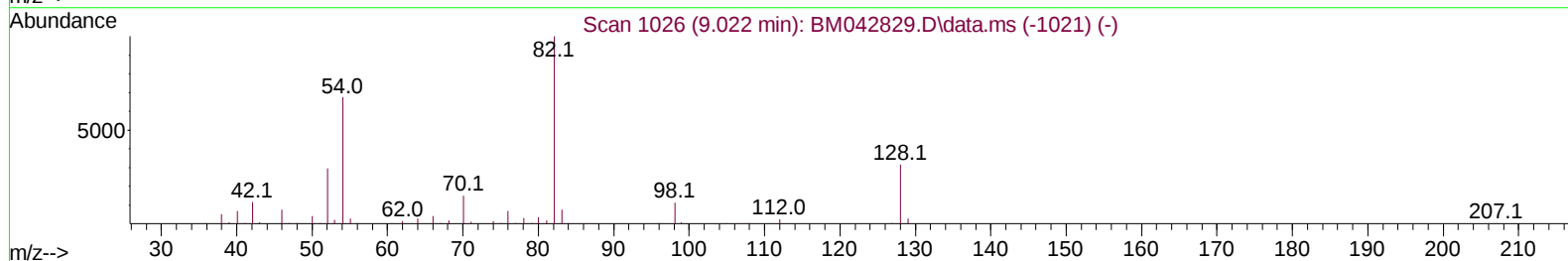
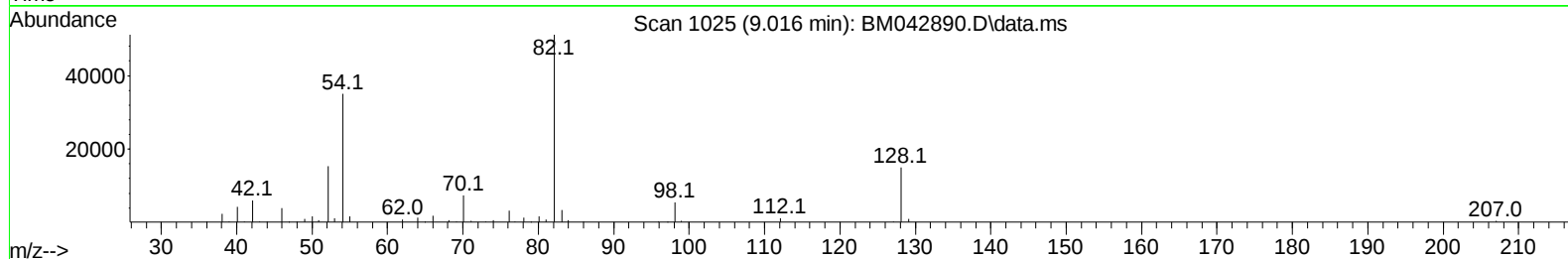
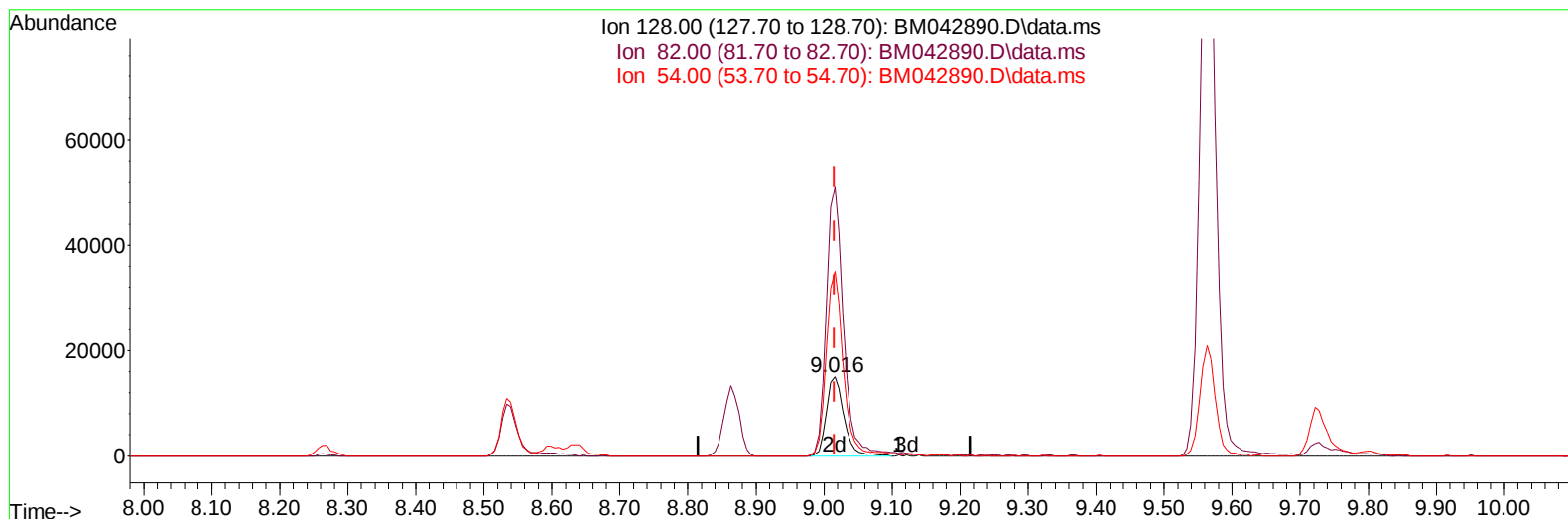
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042890.D
Acq On : 18 Nov 2023 20:57
Operator : MA/JU
Sample : PB157227BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM042890.D\data.ms

(21) Nitrobenzene-d5 (S)

9.016min (+ 0.000) 28.66 ng/ul m

response 26863

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	289.30	339.42
54.00	185.60	232.60#
0.00	0.00	0.00

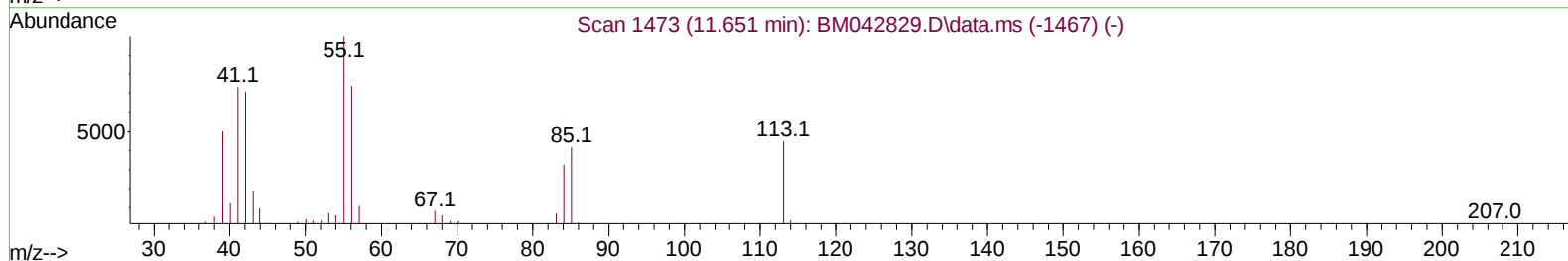
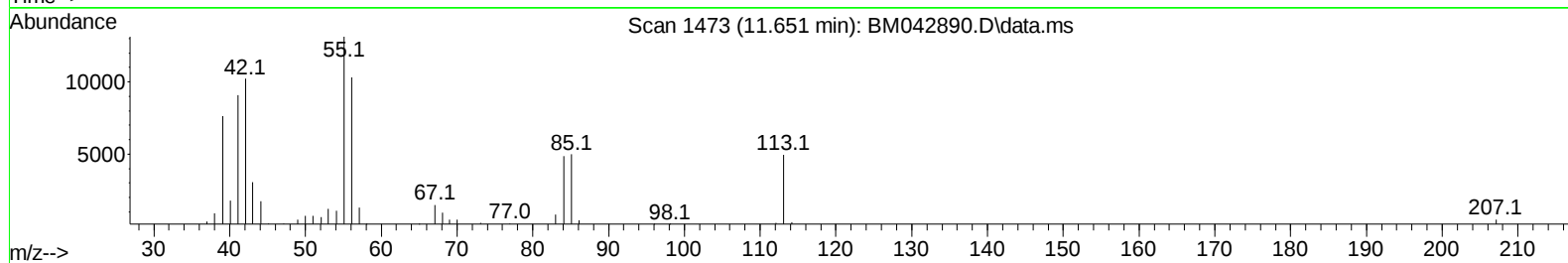
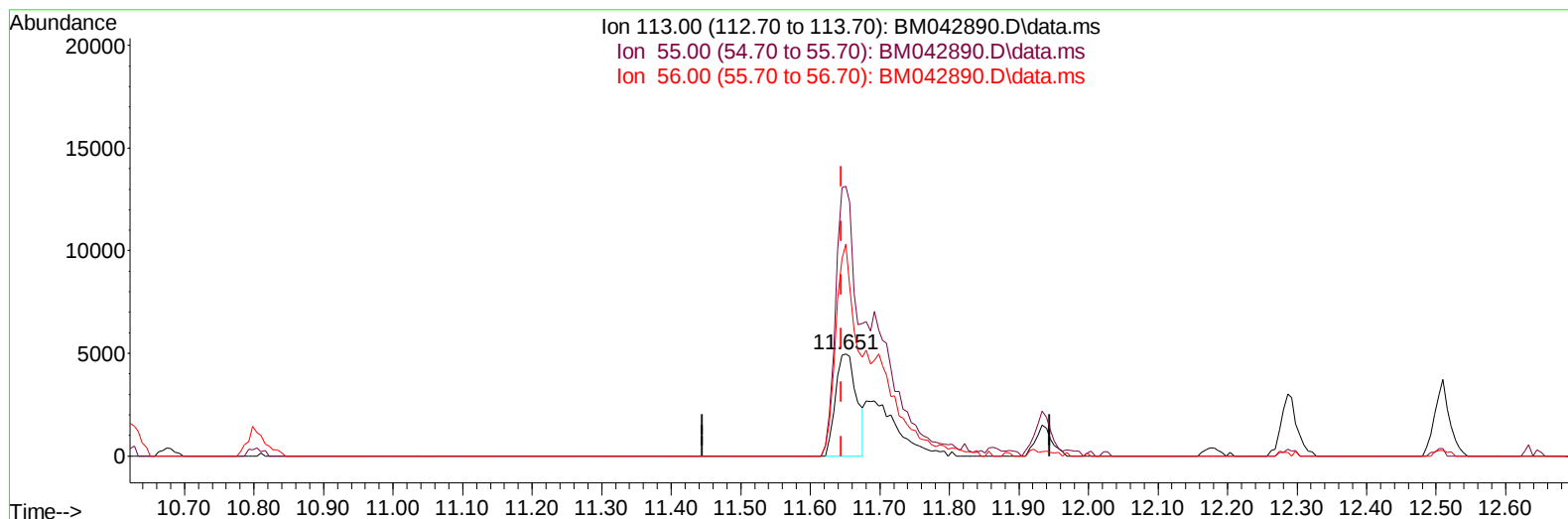
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042890.D
 Acq On : 18 Nov 2023 20:57
 Operator : MA/JU
 Sample : PB157227BS
 Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM042890.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 18.35 ng/ul

response 10501

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	264.27
56.00	167.90	207.53#
0.00	0.00	0.00

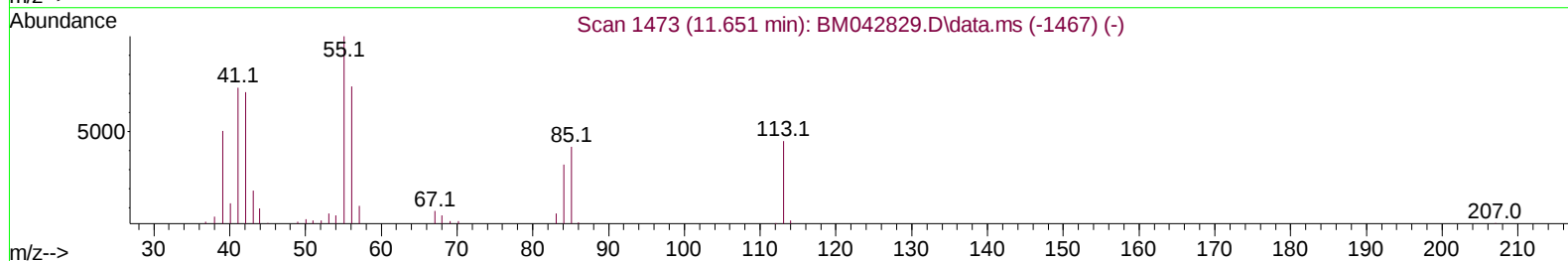
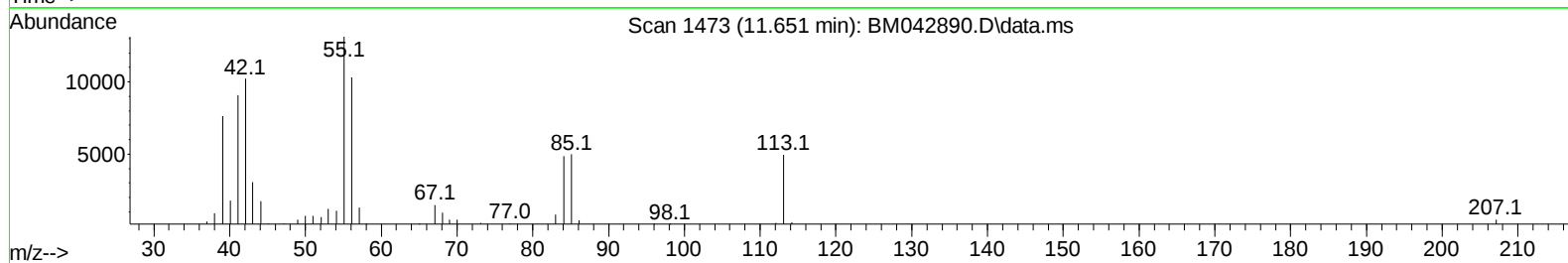
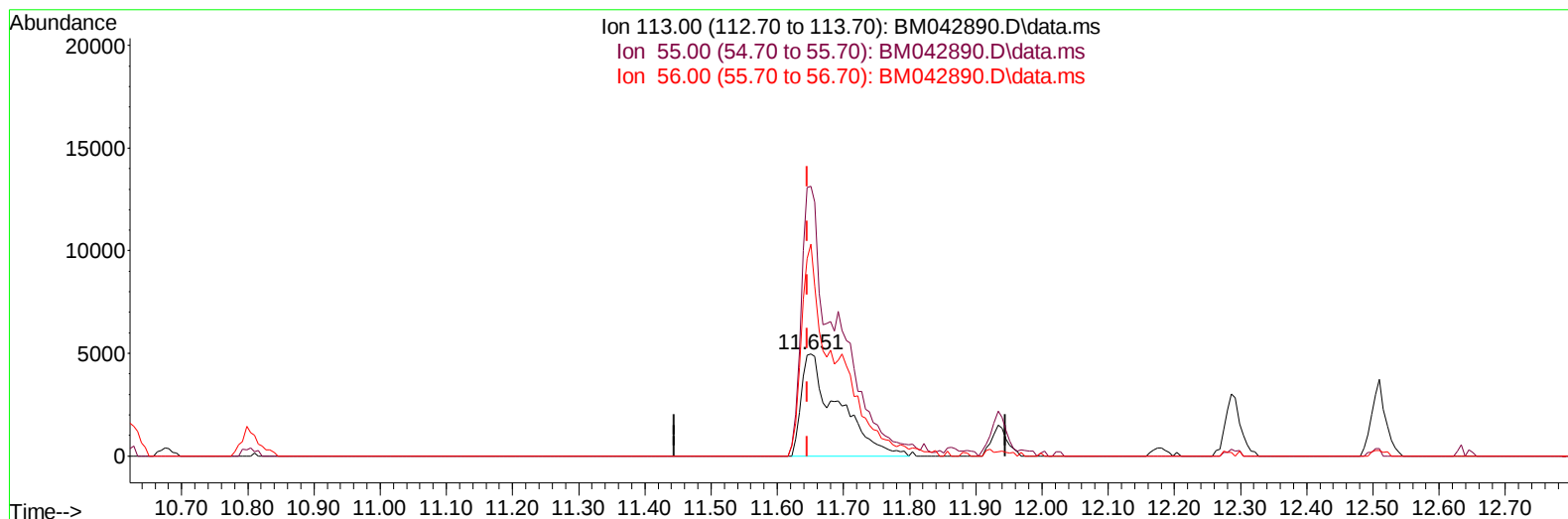
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Data File : BM042890.D
Acq On : 18 Nov 2023 20:57
Operator : MA/JU
Sample : PB157227BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:44:09 2023
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TIC: BM042890.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 33.51 ng/ul m

response 19182

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	264.27
56.00	167.90	207.53#
0.00	0.00	0.00

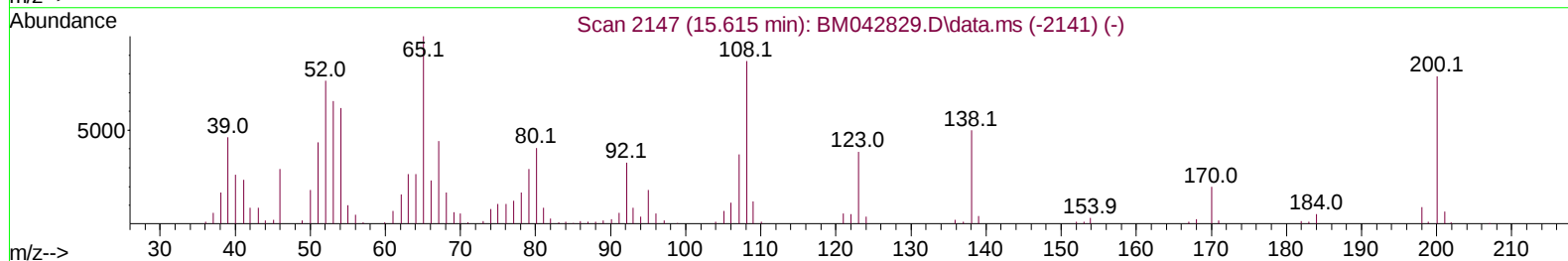
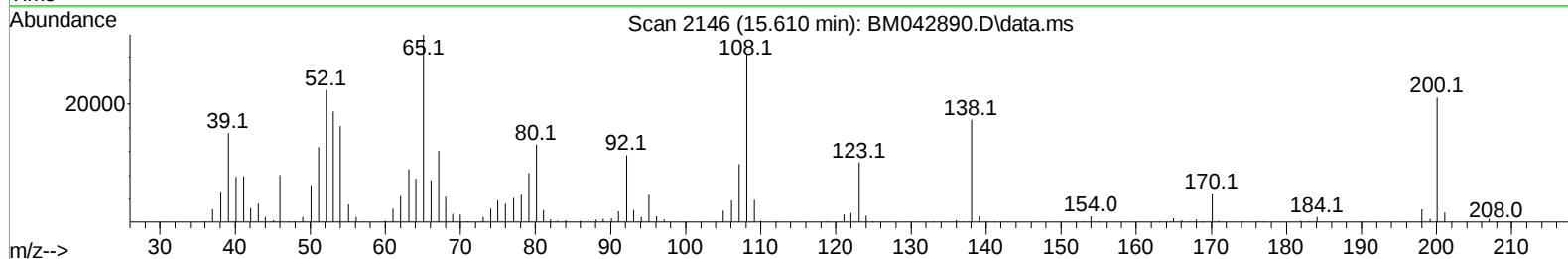
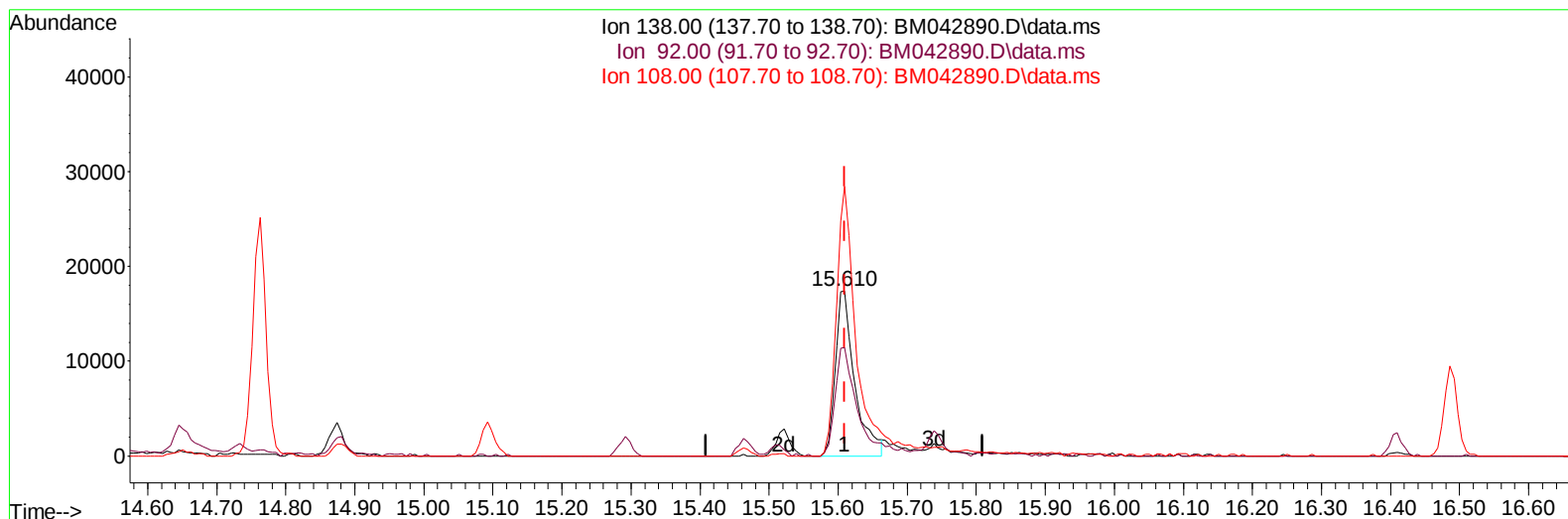
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 Operator : MA/JU
 Sample : PB157227BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:44:09 2023
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Reviewed By :Yogesh Patel 11/19/2023
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TIC: BM042890.D\data.ms

(63) 4-Nitroaniline

15.610min (+ 0.000) 35.07 ng/ul

response 34023

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.20	65.52
108.00	161.90	163.30
0.00	0.00	0.00

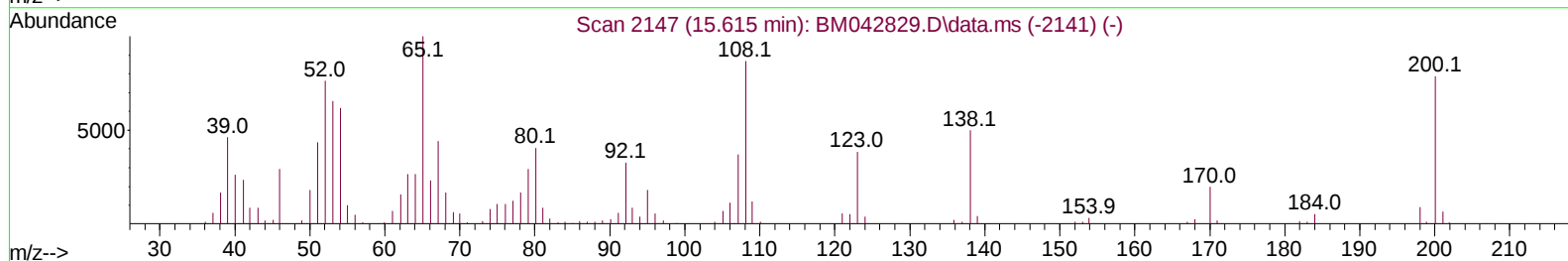
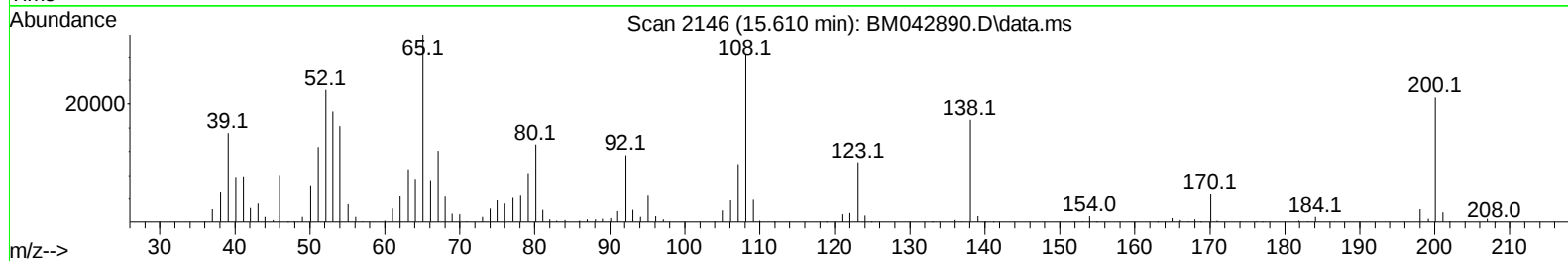
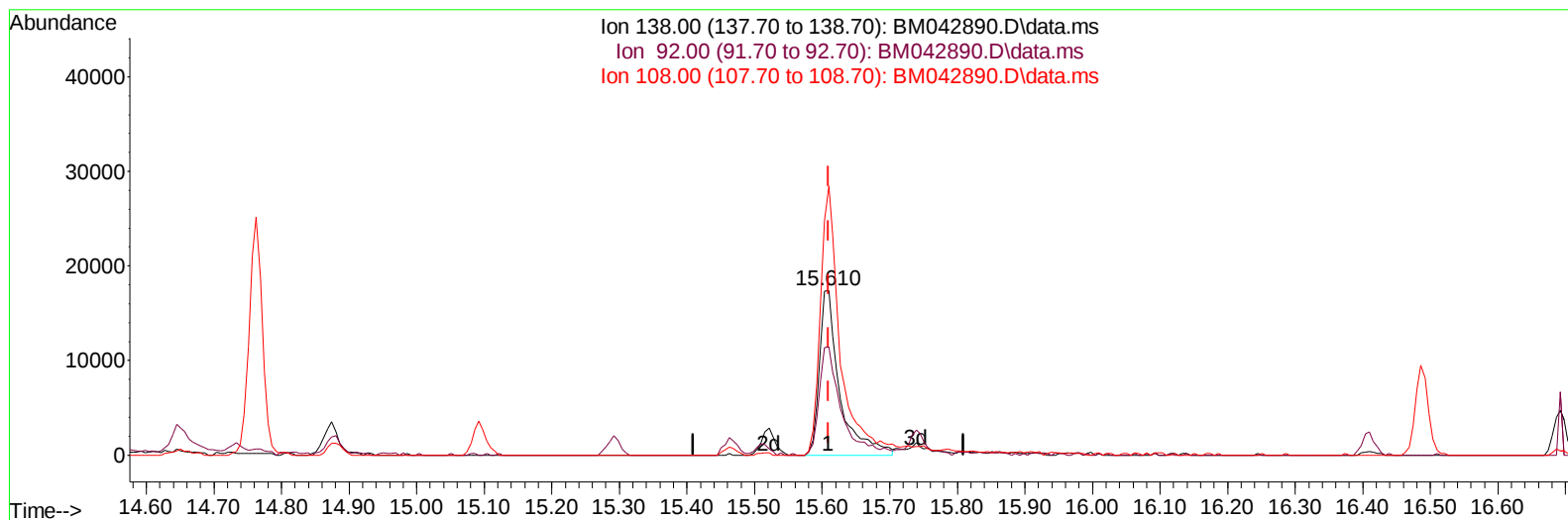
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 Data File : BM042890.D
 Acq On : 18 Nov 2023 20:57
 Operator : MA/JU
 Sample : PB157227BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS227

Manual IntegrationsAPPROVED

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TIC: BM042890.D\data.ms

(63) 4-Nitroaniline

15.610min (+ 0.000) 37.74 ng/ul m

response 36617

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.20	65.52
108.00	161.90	163.30
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042890.D
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 Sample : PB157227BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS227

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:47:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	26364	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	106910	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	75148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	179948	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	224891	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	245658	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4774	5.682	ng/uL	0.00
4) Pyridine-d5	3.610	84	63143	30.212	ng/ul	0.00
7) Phenol-d5	6.981	99	76076	29.649	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	56908	31.563	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	55013	27.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	56436	27.934	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	26863m	28.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	28965	26.415	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	60120	29.487	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	68221	26.353	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	197136	27.718	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	215408	28.307	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	23761	29.570	ng/ul	0.00
60) Fluorene-d10	15.463	176	174922	29.701	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	36100	26.485	ng/ul	0.00
73) Anthracene-d10	17.327	188	288879	28.645	ng/ul	0.00
81) Pyrene-d10	19.621	212	402615	27.339	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	437717	29.788	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	10411	11.635	ng/ul#	78
5) Pyridine	3.628	79	69629	30.638	ng/ul	98
6) Benzaldehyde	6.981	77	51651	35.085	ng/ul	89
8) Phenol	7.004	94	87840	34.417	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.257	93	69816	33.116	ng/ul	93
12) 2-Chlorophenol	7.369	128	64151	32.558	ng/ul#	86
13) 2-Methylphenol	8.263	108	59983	31.516	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	140917m	36.718	ng/ul	
16) Acetophenone	8.669	105	106874	31.460	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.634	70	69410	33.564	ng/ul	93
18) 4-Methylphenol	8.598	108	63807	30.836	ng/ul	93
19) Hexachloroethane	8.863	117	37249	33.918	ng/ul	84
22) Nitrobenzene	9.057	77	101054	35.671	ng/ul	95
23) Isophorone	9.563	82	182512	32.347	ng/ul	97
25) 2-Nitrophenol	9.757	139	35706	32.051	ng/ul	89
26) 2,4-Dimethylphenol	9.804	107	60248	25.276	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.051	93	98853	34.670	ng/ul	100
29) 2,4-Dichlorophenol	10.275	162	64784	33.561	ng/ul	97
30) Naphthalene	10.675	128	217862	32.528	ng/ul	99
32) 4-Chloroaniline	10.828	127	67248	27.078	ng/ul	97
33) Hexachlorobutadiene	10.898	225	55784	32.715	ng/ul	98
34) Caprolactam	11.651	113	19182m	33.514	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	68943	33.331	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.286	142	148213	33.017	ng/ul	98
37) 1-Methylnaphthalene	12.510	142	150918	31.976	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	98180	33.313	ng/ul	98
40) Hexachlorocyclopentadiene	12.580	237	33951	24.332	ng/ul	93
41) 2,4,6-Trichlorophenol	12.904	196	57522	31.953	ng/ul	94
42) 2,4,5-Trichlorophenol	12.980	196	57856	33.283	ng/ul	97
43) 1,1'-Biphenyl	13.304	154	206088	32.884	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	165386	32.804	ng/ul	95
45) 2-Nitroaniline	13.604	65	66147	40.230	ng/ul	87
47) Dimethylphthalate	13.939	163	223807	32.308	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	41927	32.216	ng/ul	86
50) Acenaphthylene	14.198	152	283734	33.275	ng/ul	100
51) 3-Nitroaniline	14.439	138	34515	32.433	ng/ul	94
52) Acenaphthene	14.533	153	192897	33.450	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	17414	26.911	ng/ul	93
55) 4-Nitrophenol	14.733	109	45235	35.774	ng/ul	95
56) Dibenzofuran	14.874	168	273745	34.201	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	68238	35.715	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.092	232	59799	33.140	ng/ul#	98
59) Diethylphthalate	15.292	149	242703	33.411	ng/ul	99
61) Fluorene	15.521	166	241931	35.602	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	132744	36.246	ng/ul	98
63) 4-Nitroaniline	15.610	138	36617m	37.741	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.627	198	44058	31.749	ng/ul	90
67) N-Nitrosodiphenylamine	15.739	169	184992	32.778	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	77621	32.406	ng/ul	93
69) Hexachlorobenzene	16.492	284	94276	32.196	ng/ul	98
70) Atrazine	16.692	200	57288	26.352	ng/ul	97
71) Pentachlorophenol	16.857	266	50731	30.087	ng/ul	97
72) Phenanthrene	17.268	178	387759	34.493	ng/ul	99
74) Anthracene	17.362	178	390279	34.515	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	97811	30.740	ng/uL	100
76) Pentachlorobenzene	14.763	250	102515	30.705	ng/uL	98
77) Carbazole	17.651	167	321550	34.438	ng/ul	99
78) Di-n-butylphthalate	18.168	149	457658	33.520	ng/ul	98
80) Fluoranthene	19.286	202	519118	30.916	ng/ul	99
82) Pyrene	19.651	202	567497	31.874	ng/ul	99
83) Butylbenzylphthalate	20.533	149	224152	29.476	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.345	252	171010	29.711	ng/ul	97
85) Benzo(a)anthracene	21.397	228	602109	34.106	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	337005	29.209	ng/ul	99
87) Chrysene	21.450	228	586017	34.228	ng/ul	98
89) Di-n-octyl phthalate	22.186	149	601358	30.305	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	612118	36.512	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	619352	34.705	ng/ul	100
93) Benzo(a)pyrene	23.668	252	581033	35.567	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	721518	35.538	ng/ul	97
95) Dibenzo(a,h)anthracene	26.238	278	603116	35.831	ng/ul	98
96) Benzo(g,h,i)perylene	26.991	276	563779	34.970	ng/ul	99

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

Instrument :

BNA_M

ClientSampleId :

SLCS227

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/20/2023

