

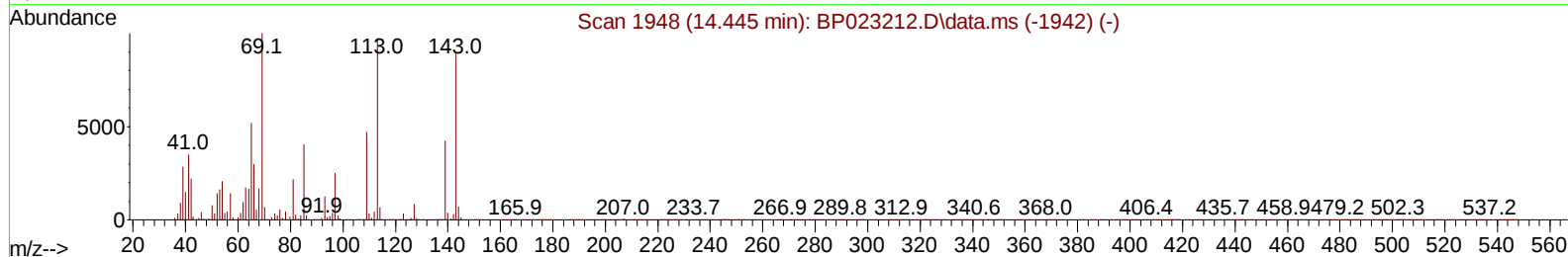
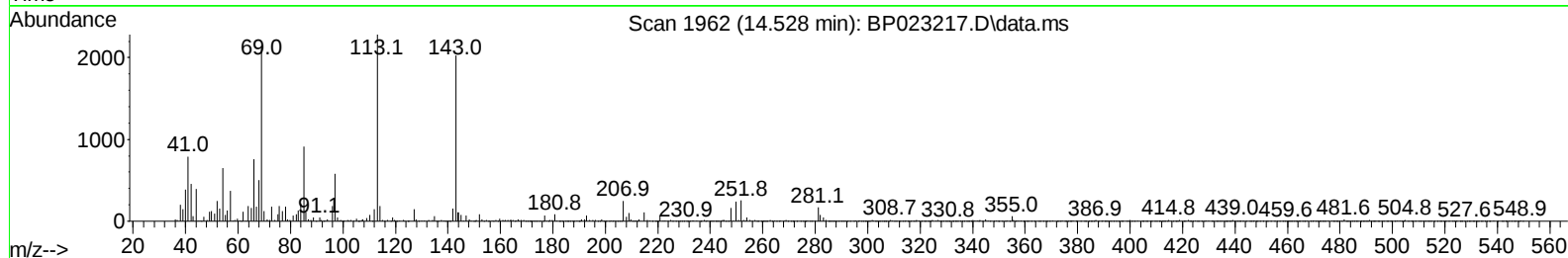
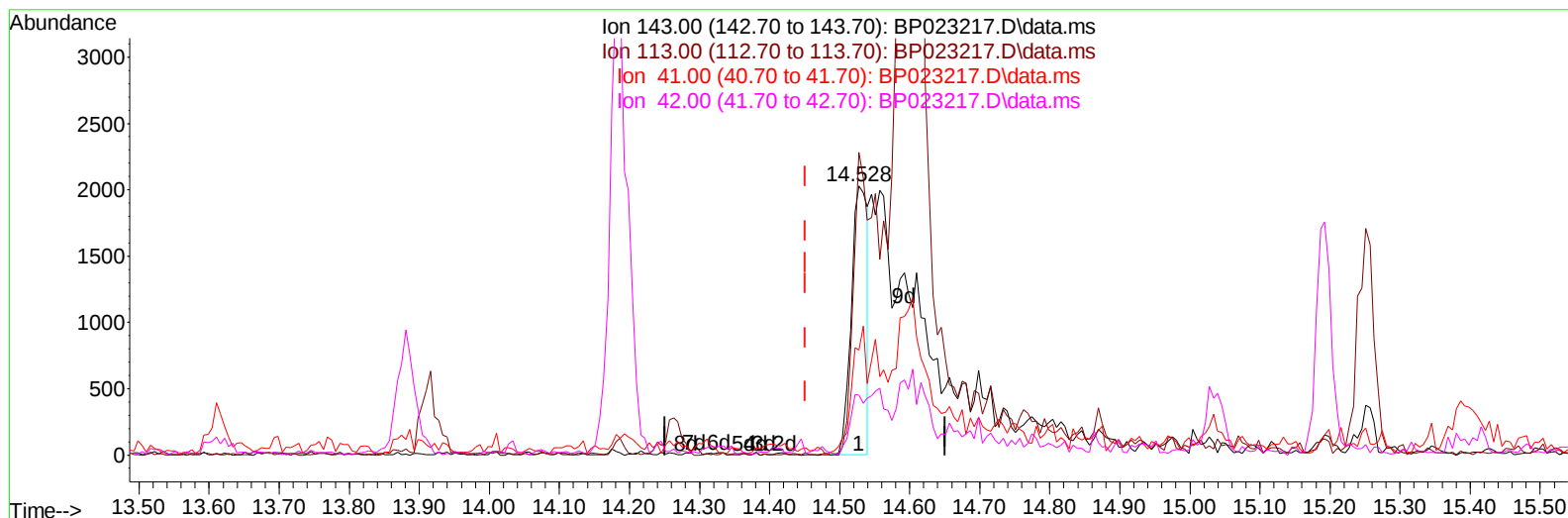
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023217.D
 Acq On : 19 Nov 2024 14:37
 Operator : RC/JU
 Sample : P4847-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A0AT1DL

Manual IntegrationsAPPROVED

Quant Time: Nov 19 15:13:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024



TIC: BP023217.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.528min (+ 0.076) 1.55 ng/u1

response 3286

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.90	112.48
41.00	39.20	39.00
42.00	25.90	22.39

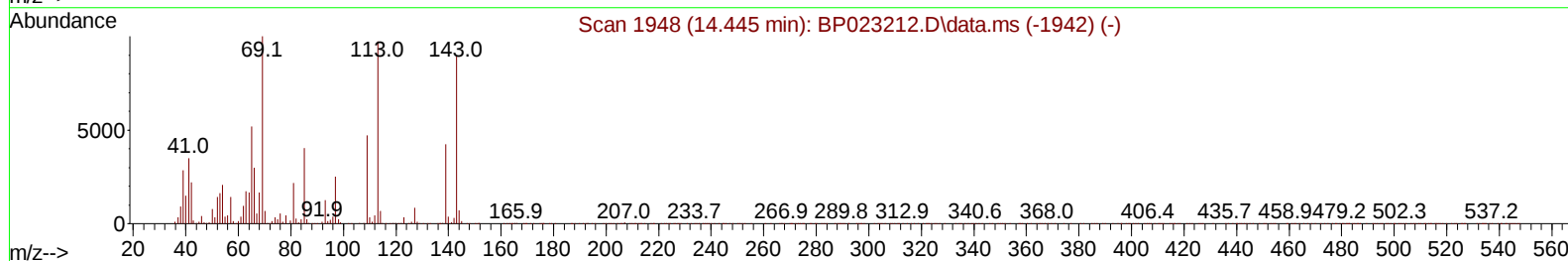
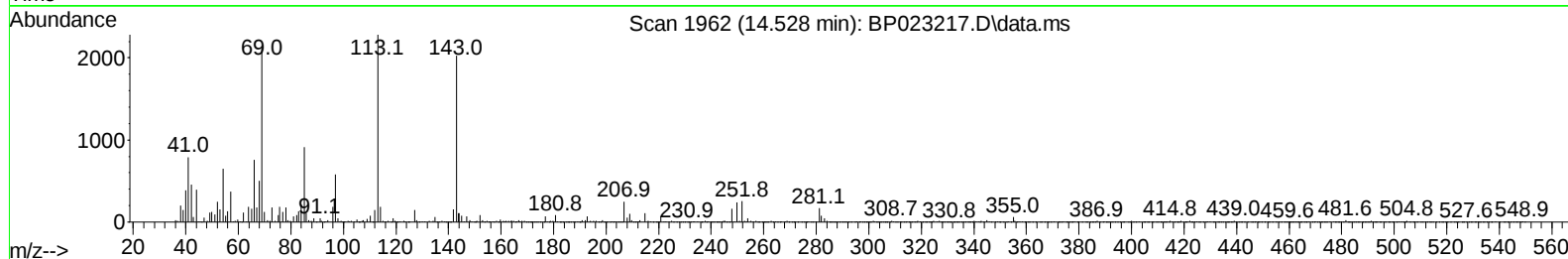
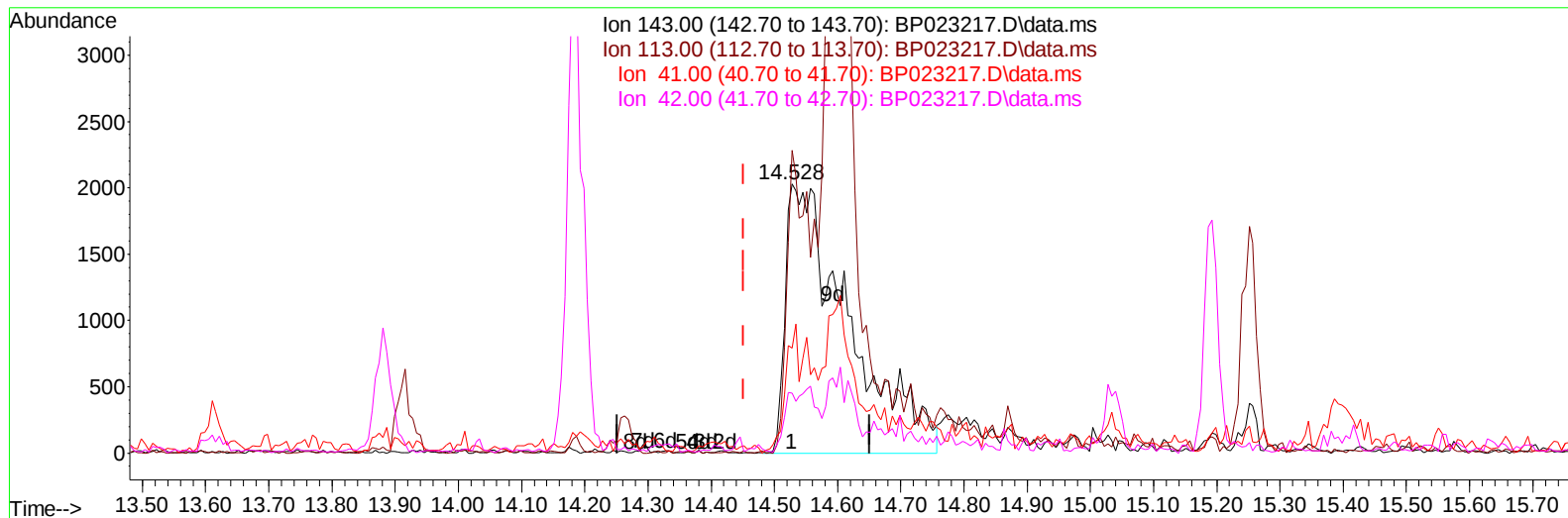
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Supervised By :mohammad ahmed 11/22/2024



TIC: BP023217.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.528min (+ 0.076) 6.59 ng/ul m

response 13955

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.90	112.48
41.00	39.20	39.00
42.00	25.90	22.39

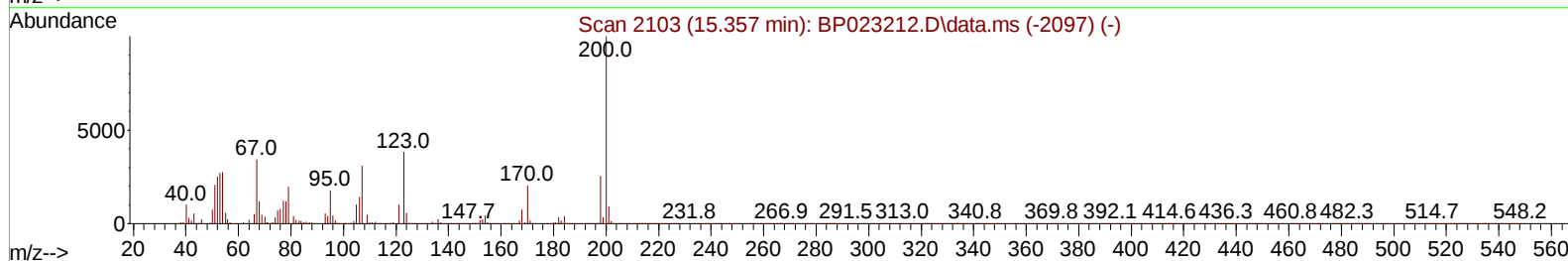
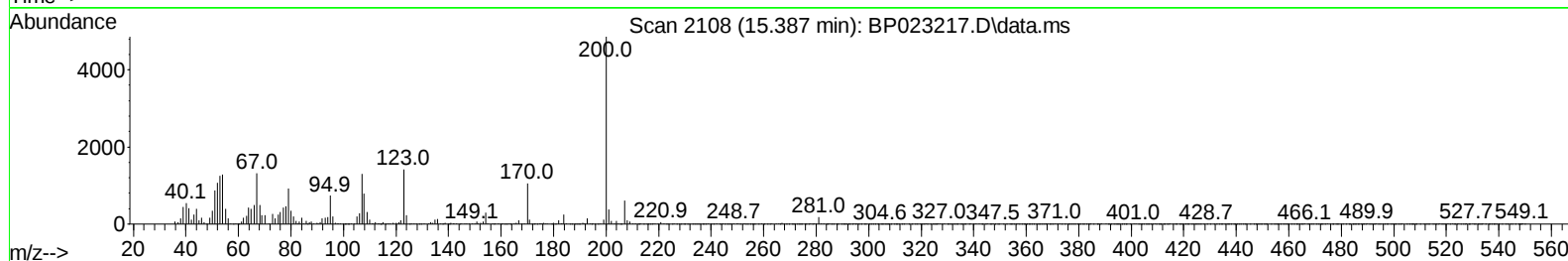
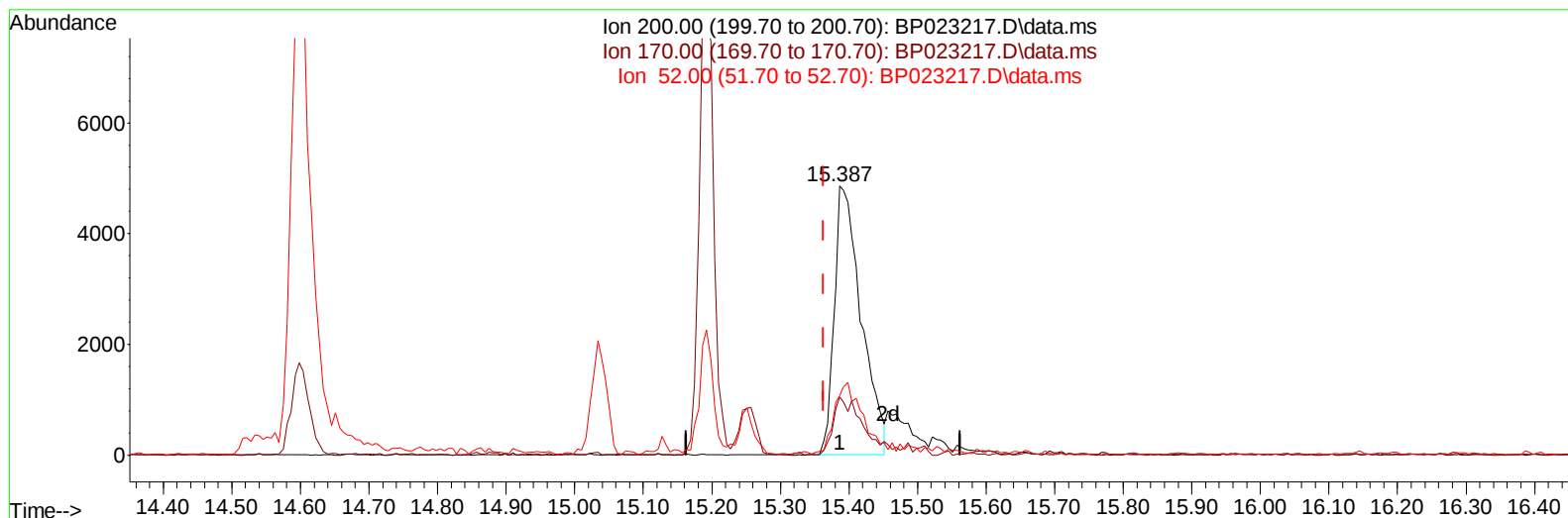
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TIC: BP023217.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.387min (+ 0.023) 4.50 ng/u1

response 13185

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.70	21.68
52.00	35.30	22.00#
0.00	0.00	0.00

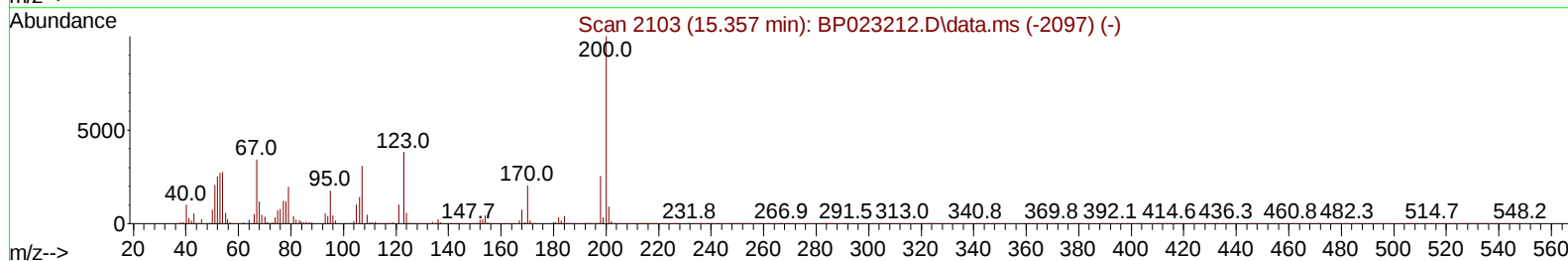
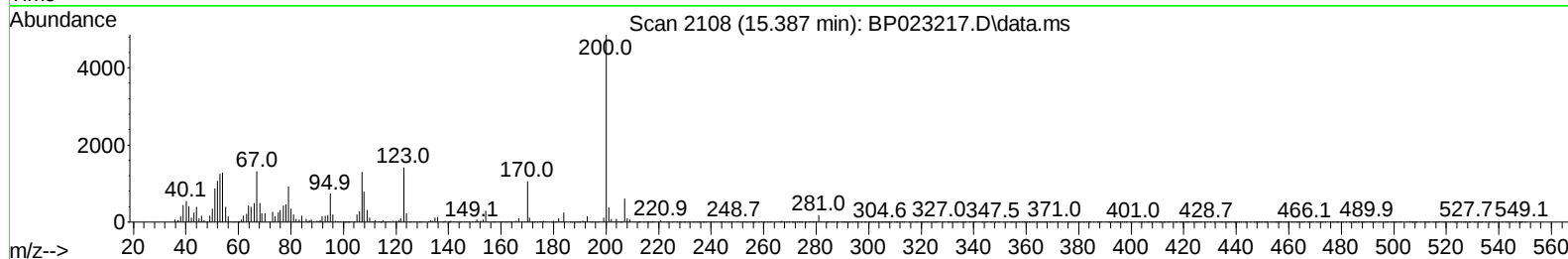
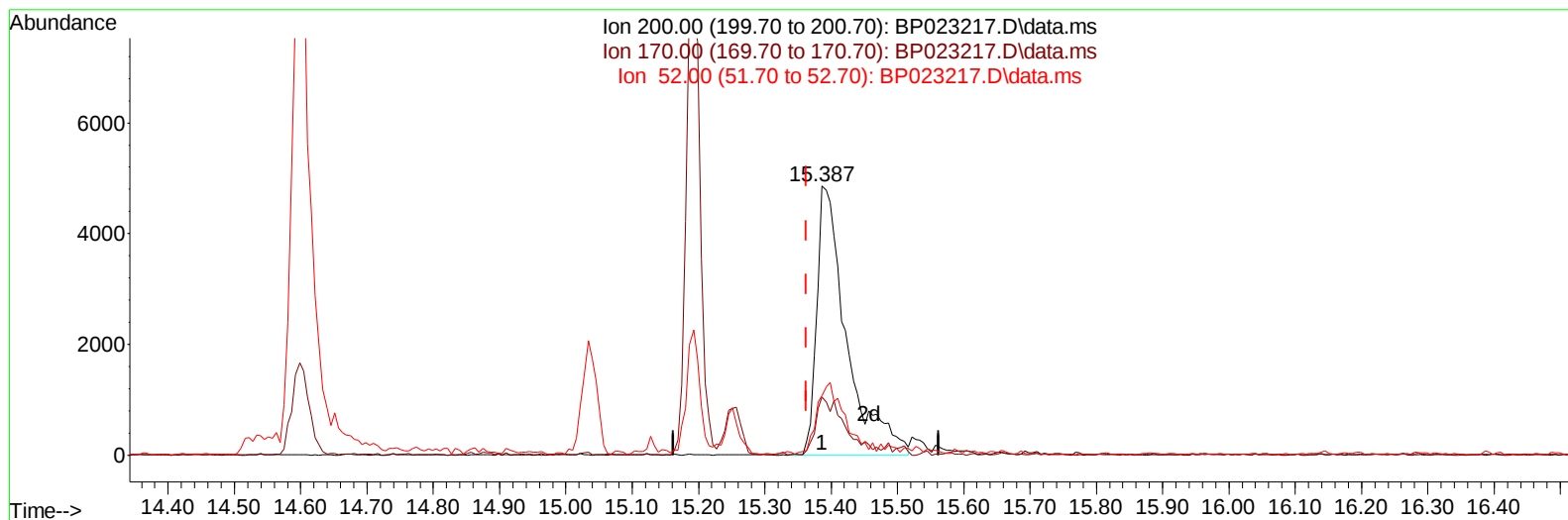
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023217.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/22/2024



TIC: BP023217.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.387min (+ 0.023) 5.17 ng/ul m

response 15136

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.70	21.68
52.00	35.30	22.00#
0.00	0.00	0.00

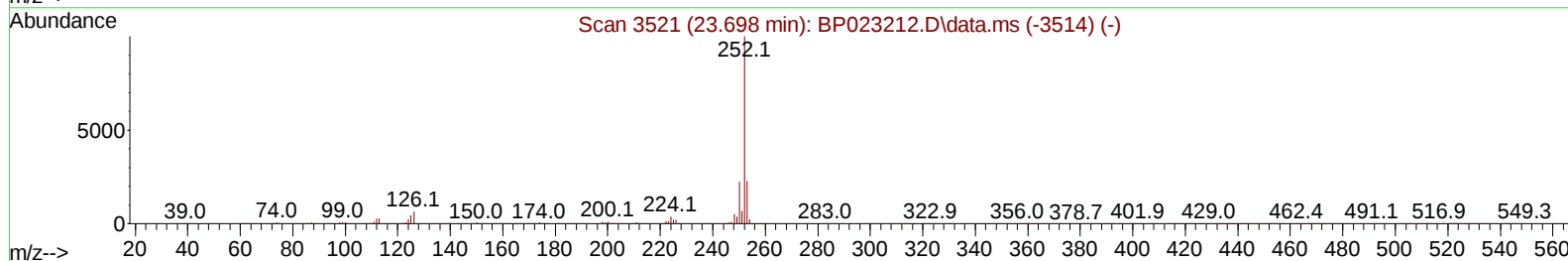
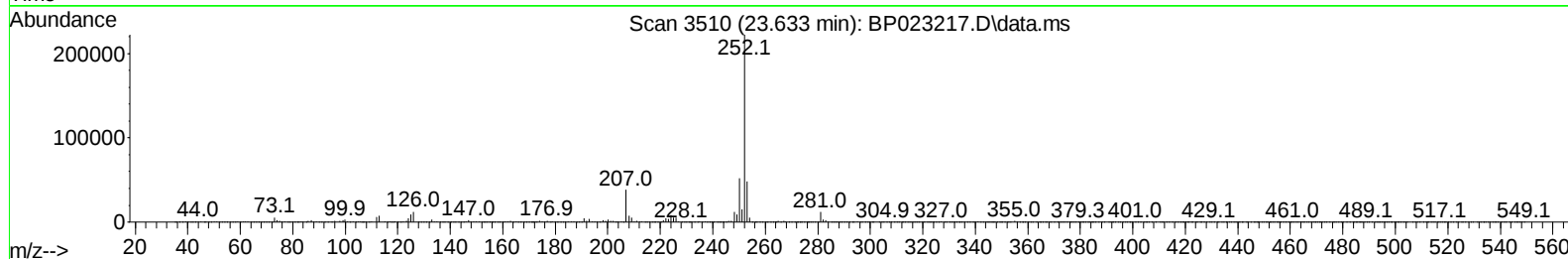
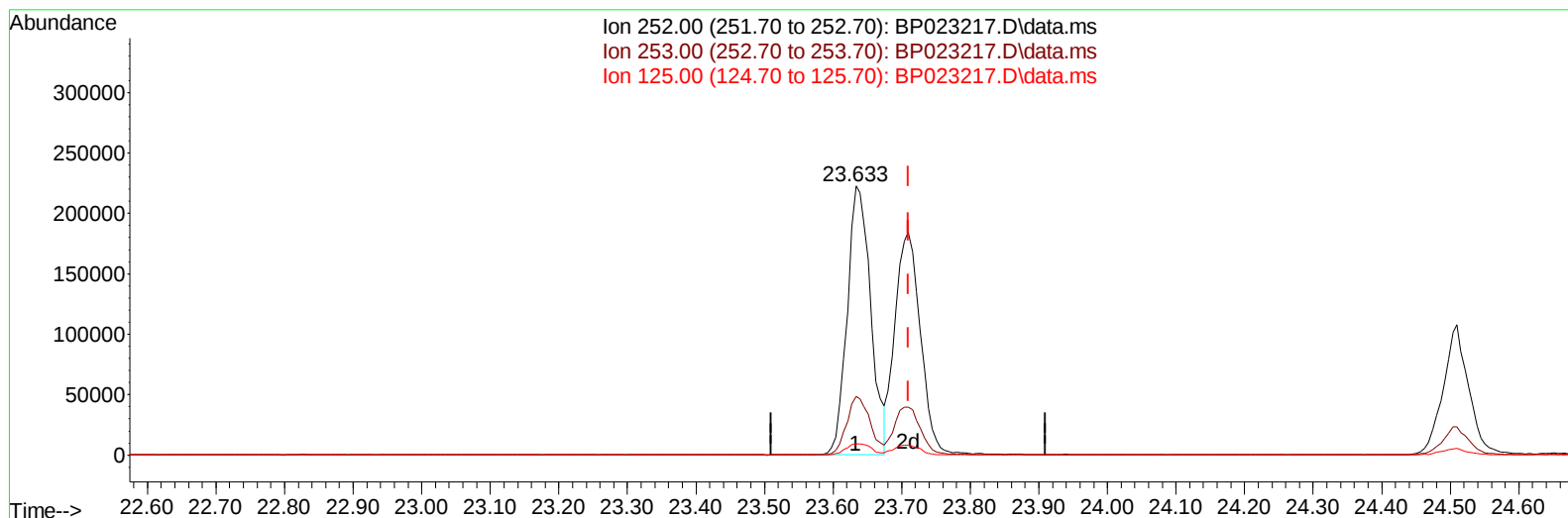
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Manual IntegrationsAPPROVED

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TIC: BP023217.D\data.ms

(91) Benzo(k)fluoranthene

23.633min (-0.077) 13.92 ng/u1

response 528628

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.74
125.00	3.70	4.11
0.00	0.00	0.00

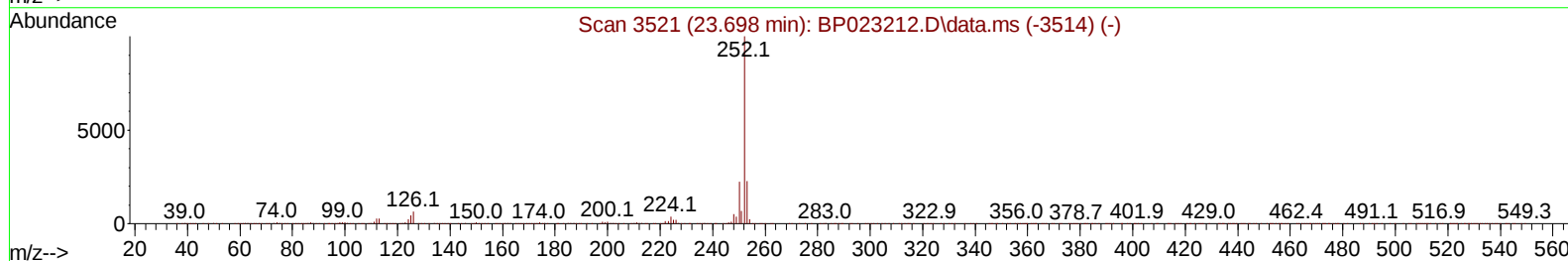
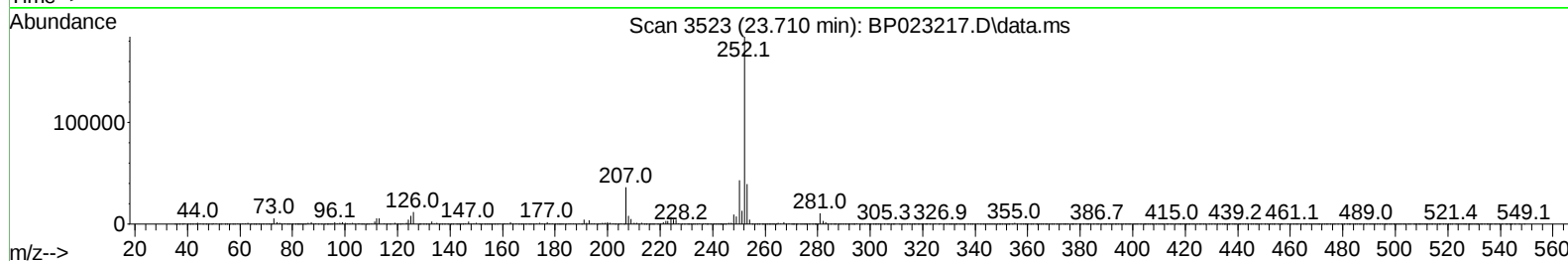
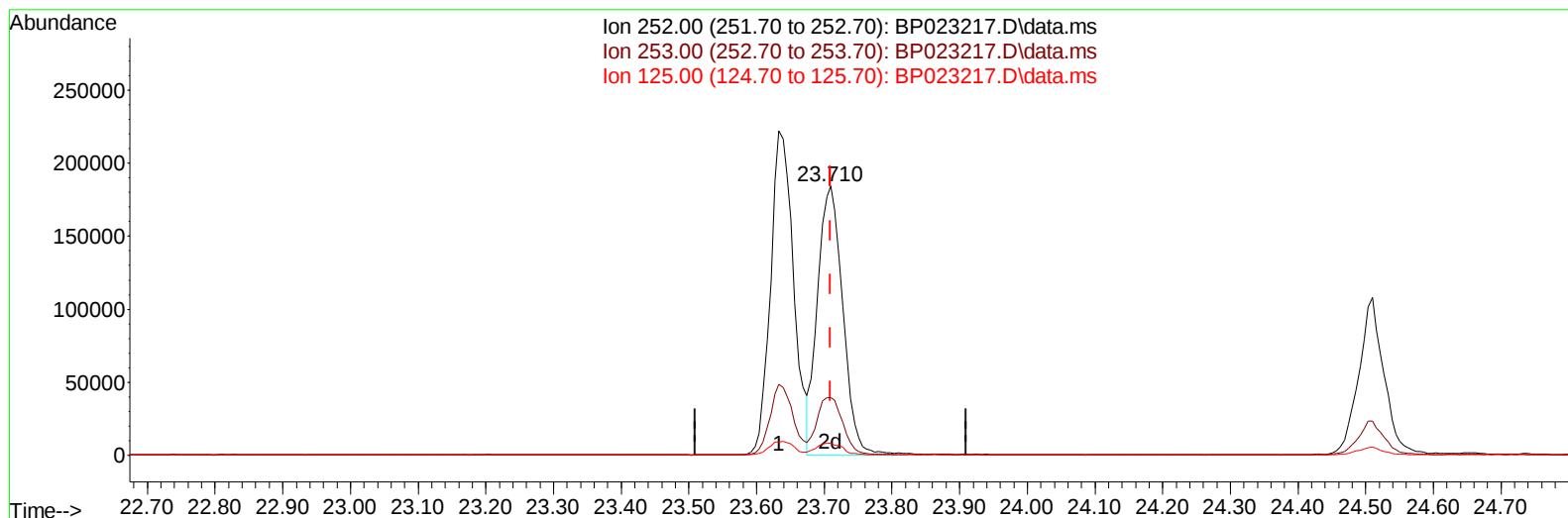
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
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Operator : RC/JU
Sample : P4847-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/22/2024



TIC: BP023217.D\data.ms

(91) Benzo(k)fluoranthene

23.710min (-0.000) 12.52 ng/u1 m

response 475276

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.44
125.00	3.70	4.45#
0.00	0.00	0.00

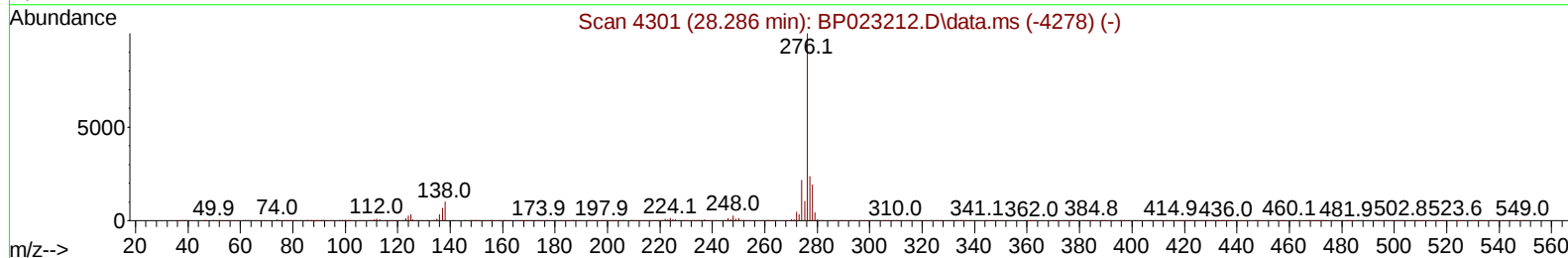
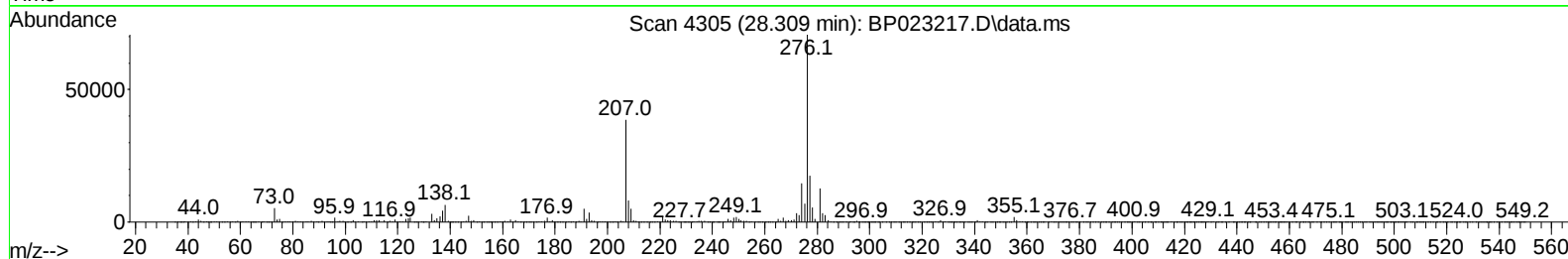
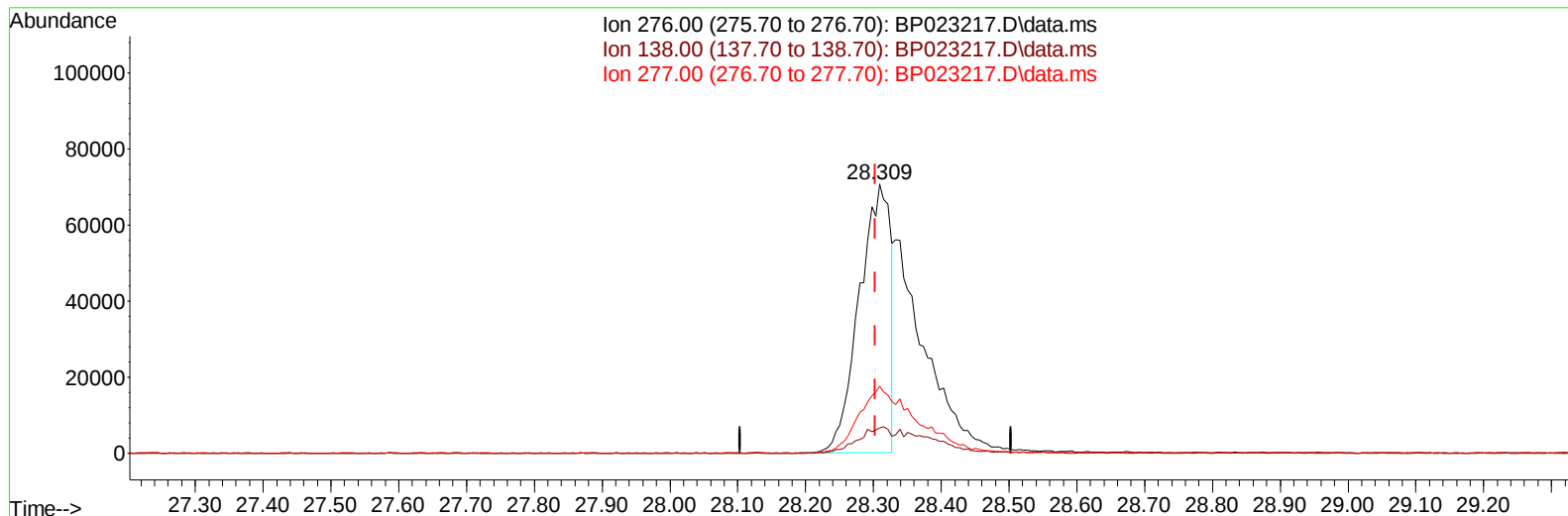
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Operator : RC/JU
Sample : P4847-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP023217.D\data.ms

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

28.309min (+ 0.006) 4.63 ng/u1

response 225116

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	9.25
277.00	24.80	24.80
0.00	0.00	0.00

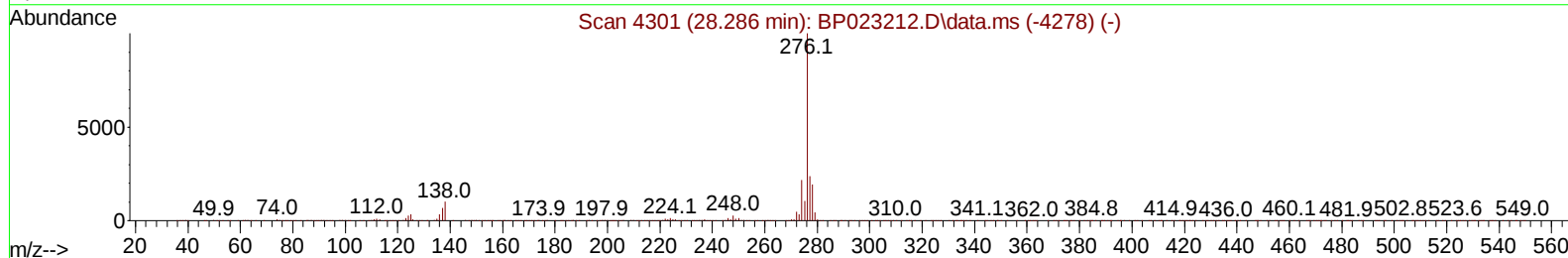
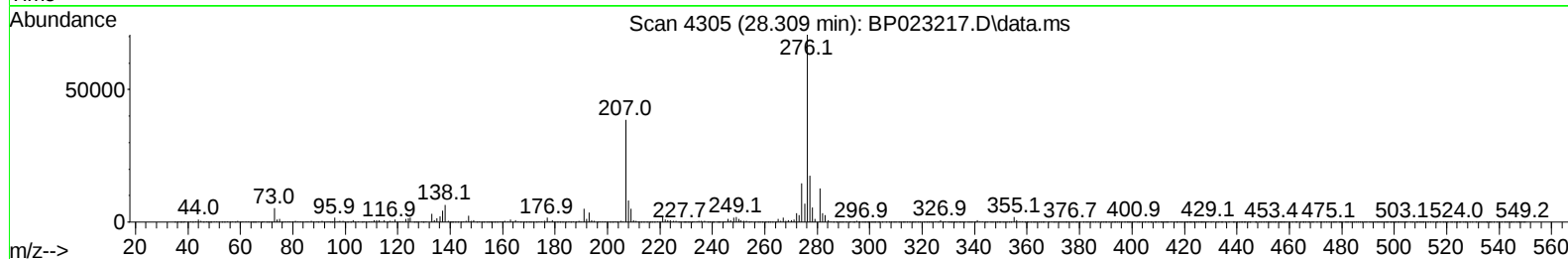
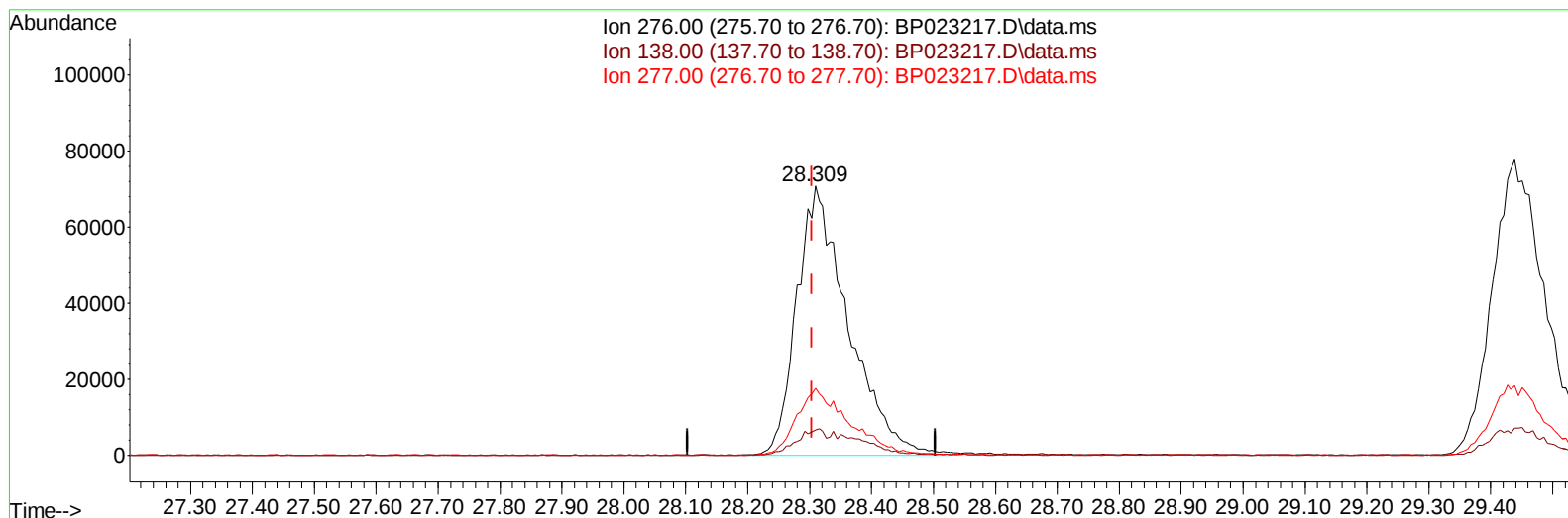
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023217.D
Acq On : 19 Nov 2024 14:37
Operator : RC/JU
Sample : P4847-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A0AT1DL

Manual IntegrationsAPPROVED

Quant Time: Nov 19 15:13:04 2024
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Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 11/22/2024



TIC: BP023217.D\data.ms

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

28.309min (+ 0.006) 8.40 ng/ul m

response 408162

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	9.25
277.00	24.80	24.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
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Instrument :
 BNA_P
 ClientSampleId :
 A0AT1DL

Manual IntegrationsAPPROVED

Quant Time: Nov 19 15:16:29 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	74742	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.316	136	259654	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.187	164	195598	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.986	188	489099	20.000	ng/ul	#-0.03
79) Chrysene-d12	21.439	240	574849	20.000	ng/ul	0.00
88) Perylene-d12	24.657	264	693042	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2295	1.476	ng/uL	0.01
4) Pyridine-d5	3.569	84	18682	4.044	ng/ul	0.02
7) Phenol-d5	6.787	99	35687	6.458	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	23035	7.095	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	26848	6.634	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	24877	5.471	ng/ul	0.01
21) Nitrobenzene-d5	8.722	128	13080	7.236	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	13676	6.346	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	29758	6.594	ng/ul	0.03
31) 4-Chloroaniline-d4	10.493	131	30450	5.656	ng/ul	0.01
46) Dimethylphthalate-d6	13.610	166	122482	8.688	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	115408	7.846	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.528	143	13955m	6.587	ng/ul	0.08
60) Fluorene-d10	15.192	176	106259	8.597	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.387	200	15136m	5.166	ng/ul	0.02
73) Anthracene-d10	17.098	188	180410	8.712	ng/ul	-0.02
81) Pyrene-d10	19.486	212	244166	9.221	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	301423	9.131	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.010	93	33145	7.644	ng/ul#	93
14) 2,2'-oxybis(1-Chloropr...	8.087	45	78532	15.998	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.363	70	82849	21.714	ng/ul	97
19) Hexachloroethane	8.610	117	38873	19.130	ng/ul	98
22) Nitrobenzene	8.757	77	72349	13.949	ng/ul	94
23) Isophorone	9.269	82	263920	28.457	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.752	93	33999	6.663	ng/ul	95
30) Naphthalene	10.369	128	49031	3.887	ng/ul	98
33) Hexachlorobutadiene	10.640	225	74570	18.436	ng/ul	96
36) 2-Methylnaphthalene	11.981	142	129184	13.565	ng/ul	99
40) Hexachlorocyclopentadiene	12.322	237	45756	13.192	ng/ul	94
44) 2-Chloronaphthalene	13.045	162	284877	27.805	ng/ul	99
50) Acenaphthylene	13.910	152	163463	10.994	ng/ul	98
52) Acenaphthene	14.263	153	39396	3.650	ng/ul	98
56) Dibenzofuran	14.598	168	303187	18.178	ng/ul	96
57) 2,4-Dinitrotoluene	14.598	165	155533	36.085	ng/ul	92
59) Diethylphthalate	15.034	149	534308	38.859	ng/ul	98
61) Fluorene	15.251	166	36286	2.658	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.257	204	90611	11.273	ng/ul	97
69) Hexachlorobenzene	16.281	284	58035	8.324	ng/ul	97
72) Phenanthrene	17.033	178	243416	10.541	ng/ul	99
74) Anthracene	17.139	178	317962	13.695	ng/ul	98
78) Di-n-butylphthalate	17.998	149	1044095	46.449	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.133	202	442899	14.519	ng/ul	100
83) Butylbenzylphthalate	20.463	149	145862	13.519	ng/ul	93
85) Benzo(a)anthracene	21.421	228	238507	6.795	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	170617	11.128	ng/ul	99
90) Benzo(b)fluoranthene	23.633	252	528628	13.704	ng/ul	100
91) Benzo(k)fluoranthene	23.710	252	475276m	12.516	ng/ul	
93) Benzo(a)pyrene	24.510	252	276558	7.931	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.309	276	408162m	8.401	ng/ul	
95) Dibenzo(a,h)anthracene	28.386	278	274728	6.965	ng/ul	99
96) Benzo(g,h,i)perylene	29.439	276	469057	12.711	ng/ul	99

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

