

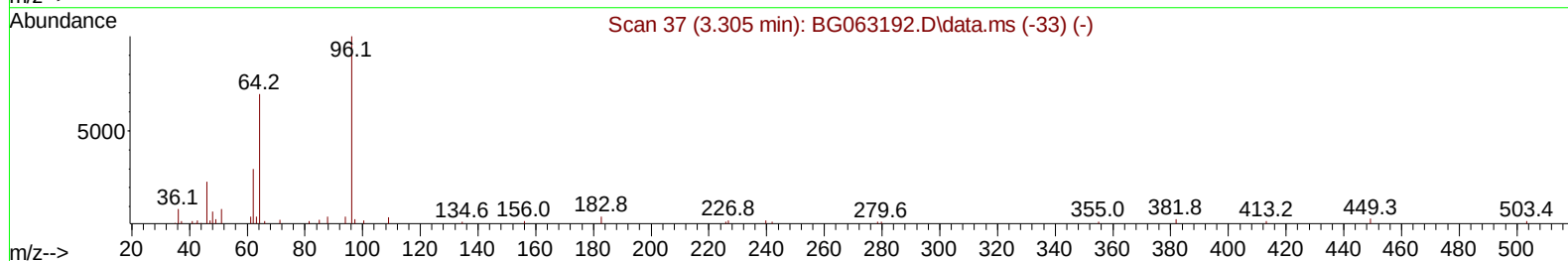
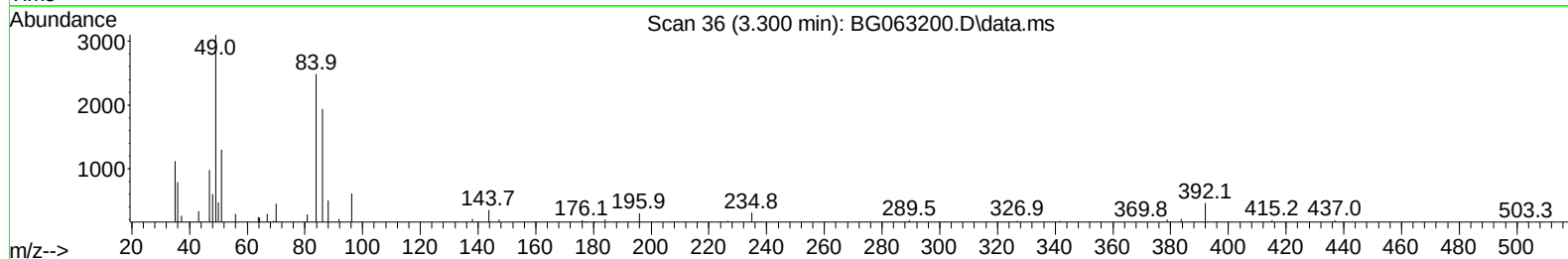
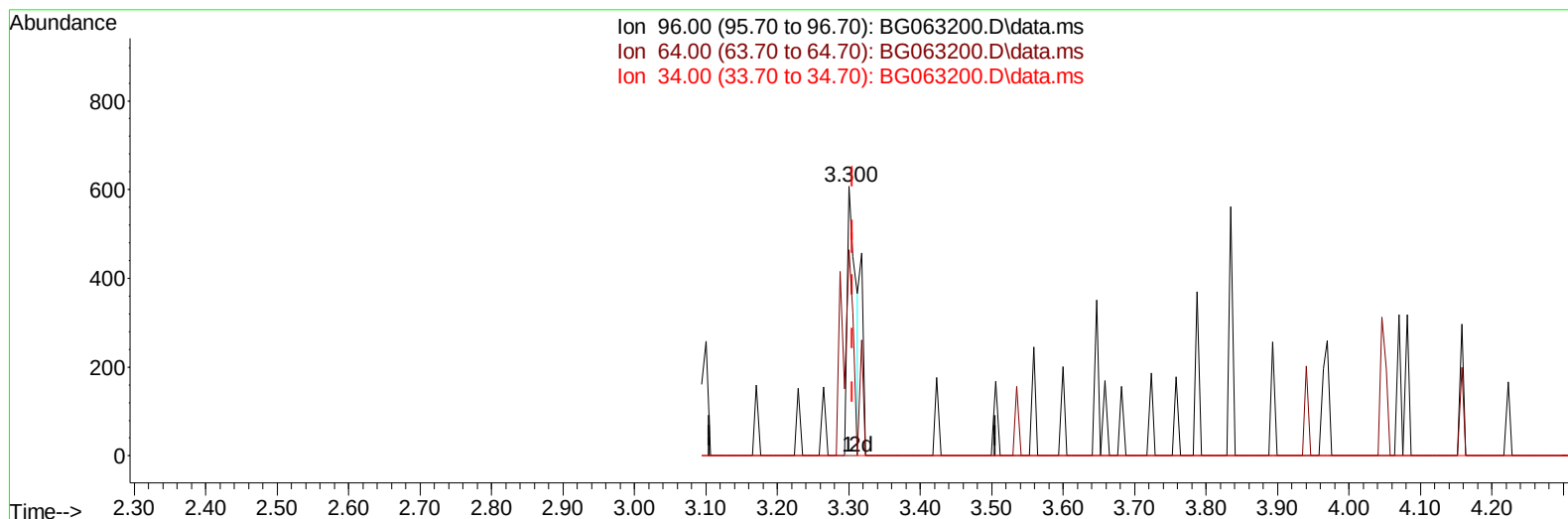
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063200.D
 Acq On : 7 Nov 2024 13:31
 Operator : RC/JU
 Sample : P4585-02DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EA7DL

Manual IntegrationsAPPROVED

Quant Time: Nov 07 13:06:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



TIC: BG063200.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.300min (-0.005) 0.30 ng/uL

response 500

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.20	76.44#
34.00	0.00	0.00
0.00	0.00	0.00

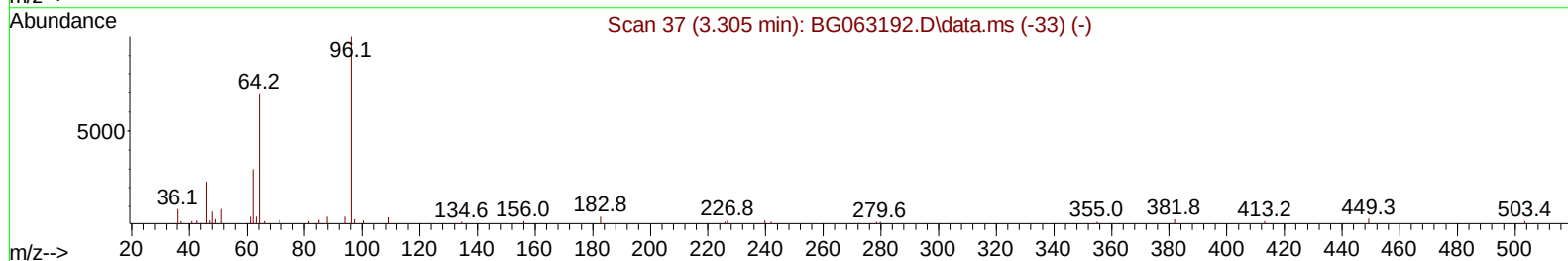
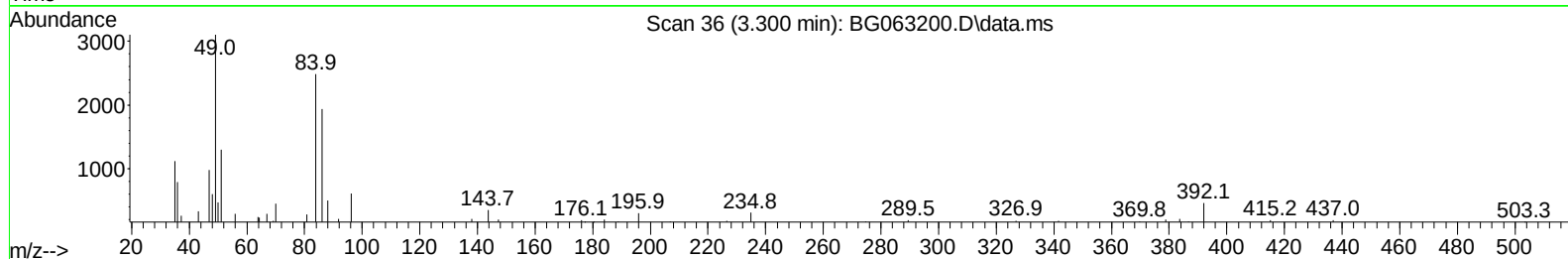
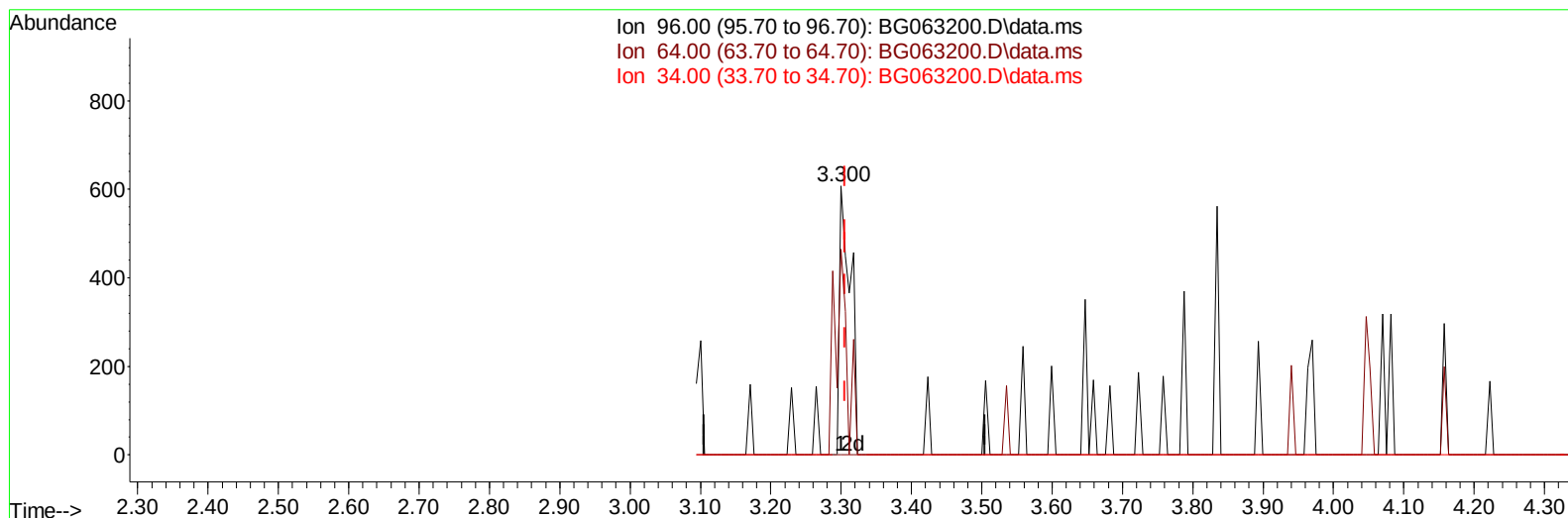
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
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TIC: BG063200.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.300min (-0.005) 0.40 ng/uL m

response 662

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.20	38.55#
34.00	0.00	0.00
0.00	0.00	0.00

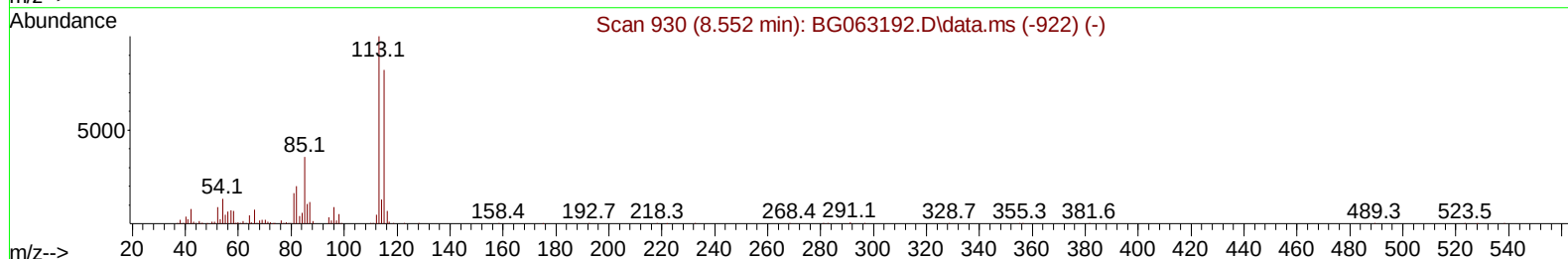
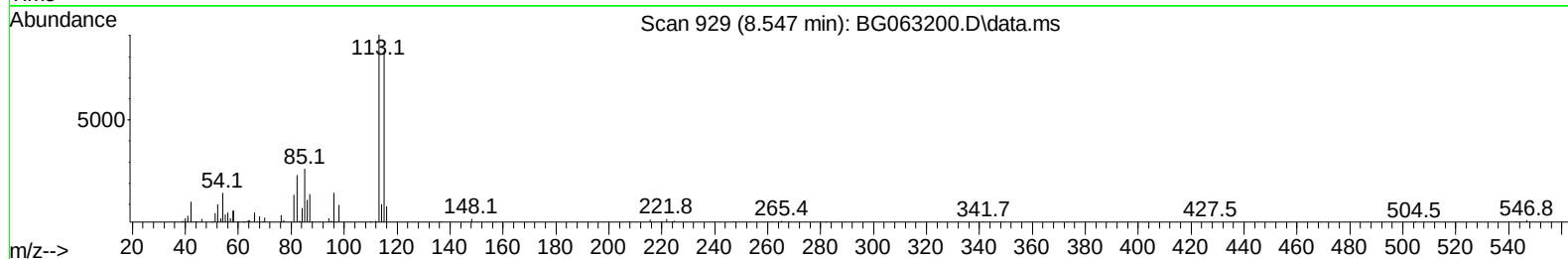
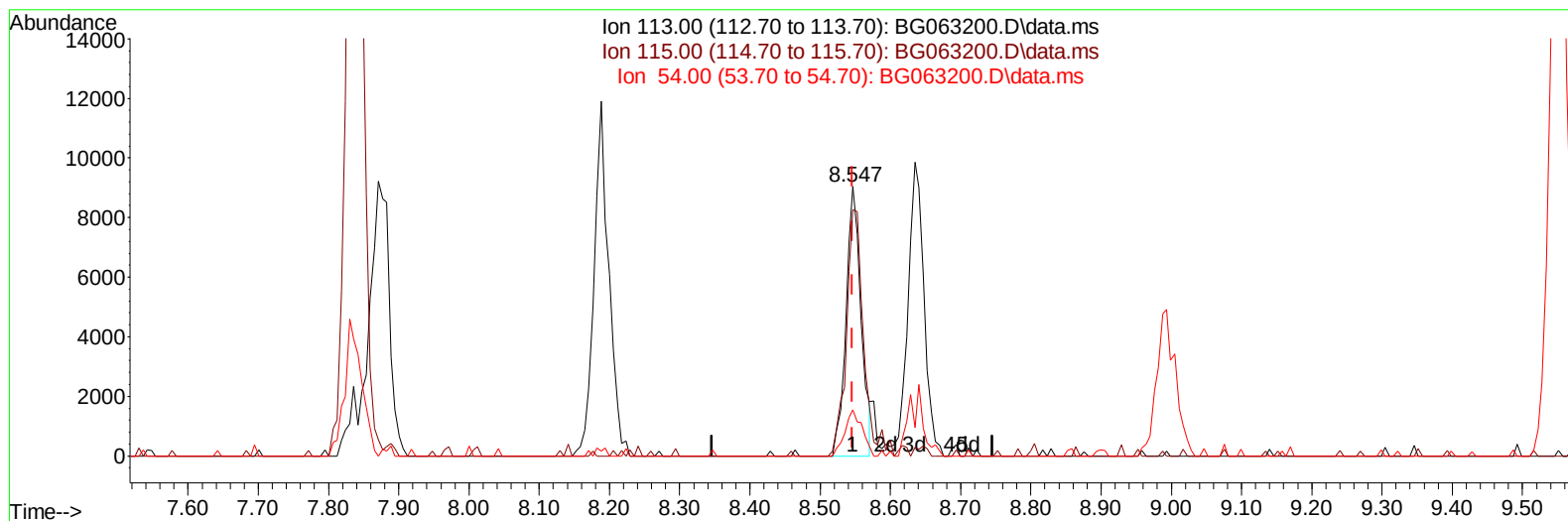
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
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TIC: BG063200.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.547min (+ 0.001) 2.36 ng/u1

response 13435

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	97.40	91.38
54.00	18.50	17.14
0.00	0.00	0.00

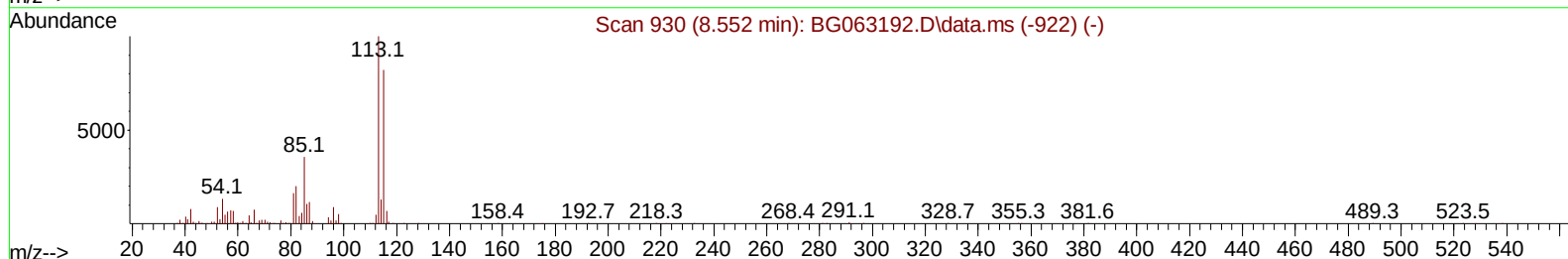
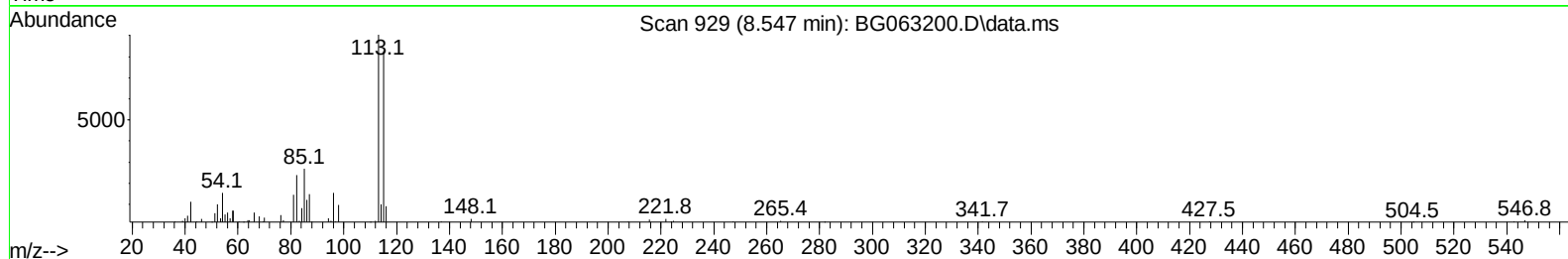
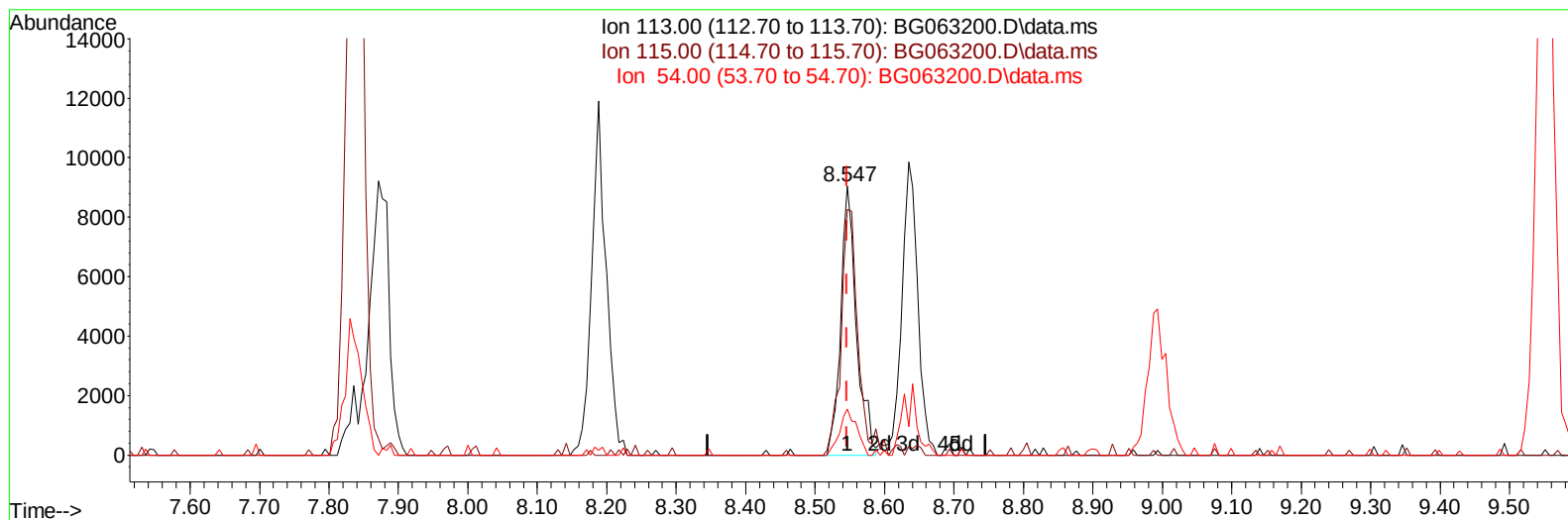
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063200.D
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Sample : P4585-02DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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TIC: BG063200.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.547min (+ 0.001) 2.51 ng/ul m

response 14294

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	97.40	91.38
54.00	18.50	17.14
0.00	0.00	0.00

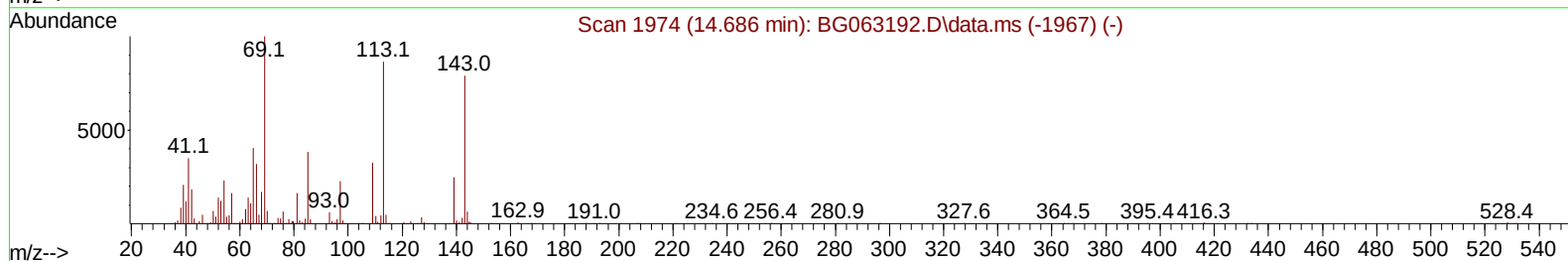
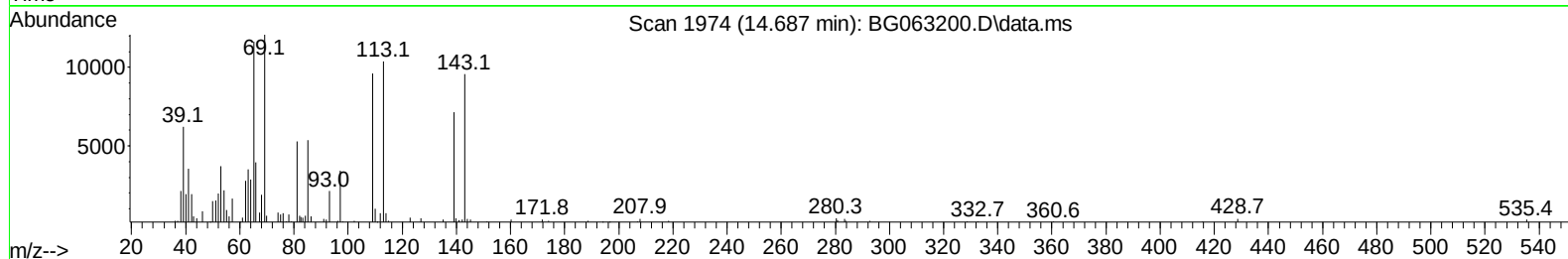
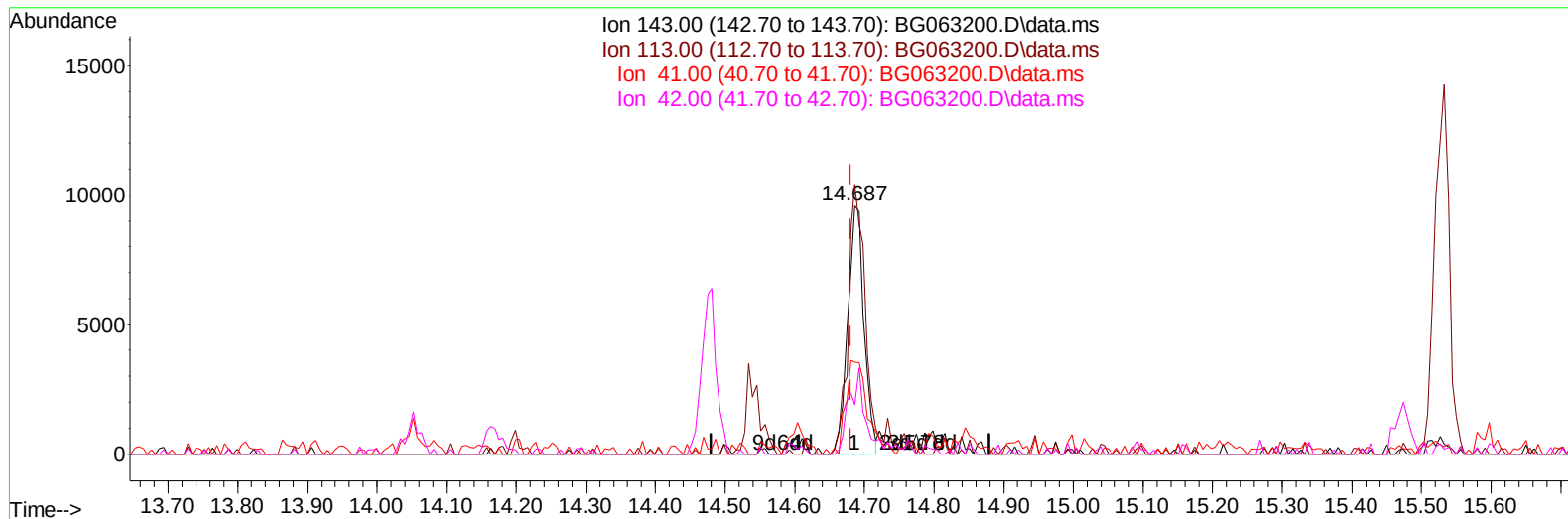
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ALS Vial : 39 Sample Multiplier: 1

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TIC: BG063200.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.687min (+ 0.006) 4.18 ng/ul

response 15659

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	108.54
41.00	42.60	36.89
42.00	30.90	19.95#

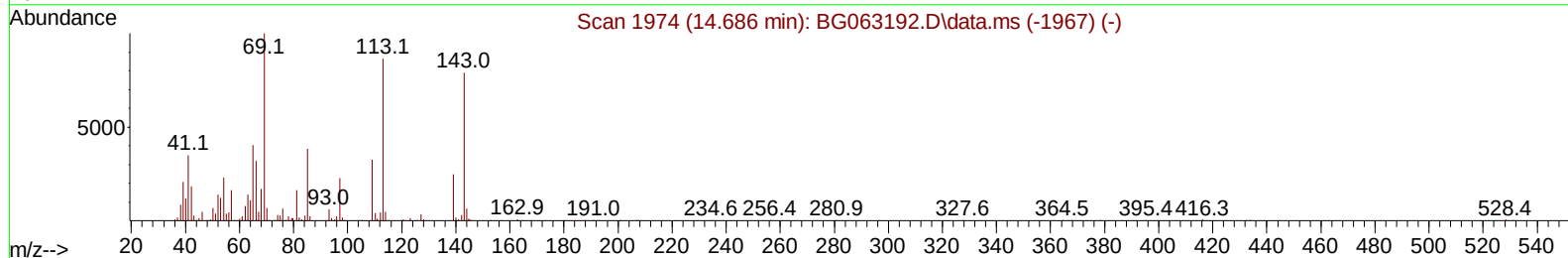
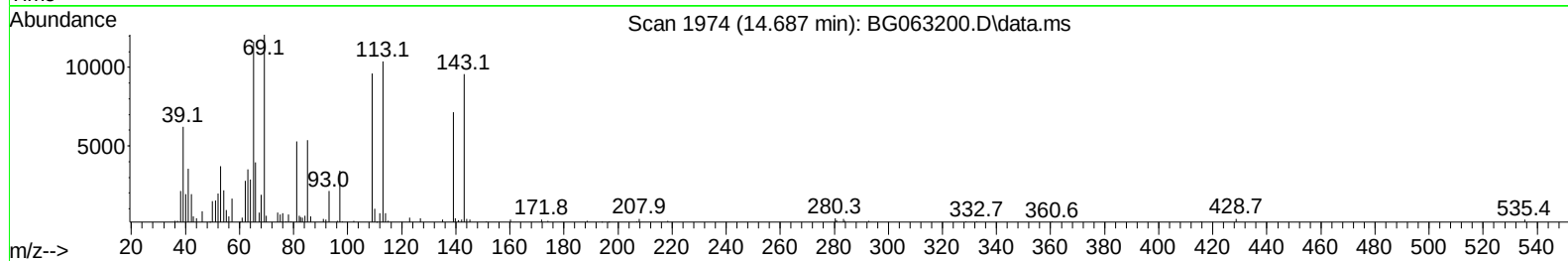
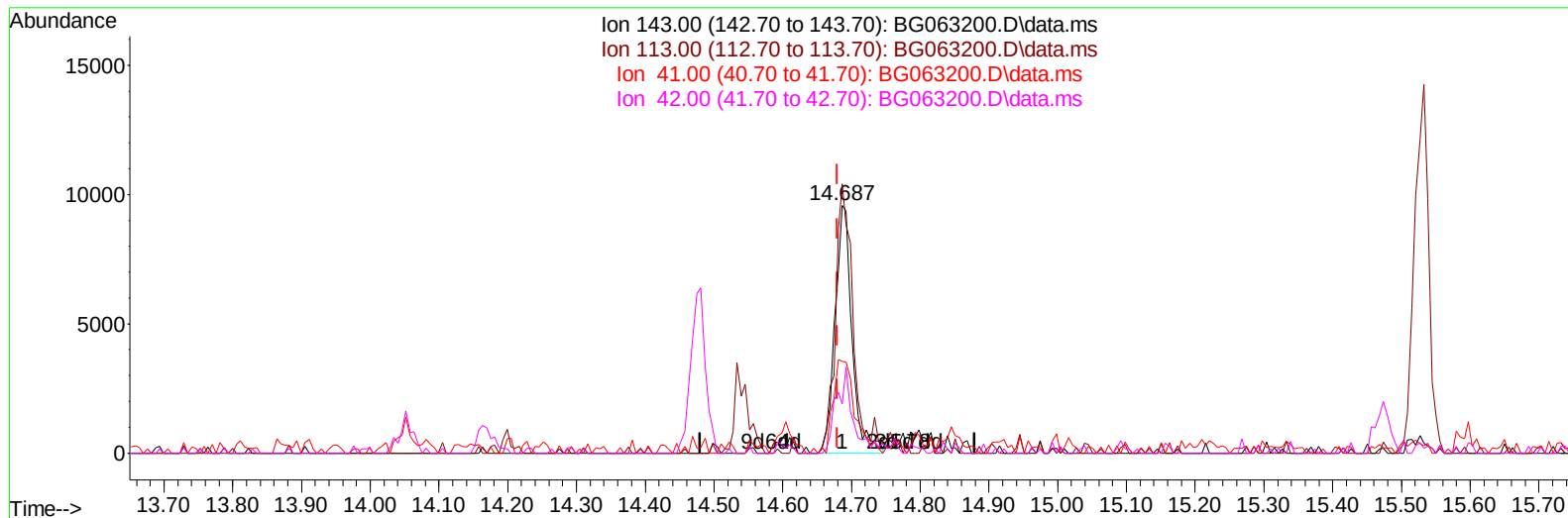
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 Data File : BG063200.D
 Acq On : 7 Nov 2024 13:31
 Operator : RC/JU
 Sample : P4585-02DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EA7DL

Manual IntegrationsAPPROVED

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TIC: BG063200.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.687min (+ 0.006) 4.41 ng/ul m

response 16542

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	108.54
41.00	42.60	36.89
42.00	30.90	19.95#

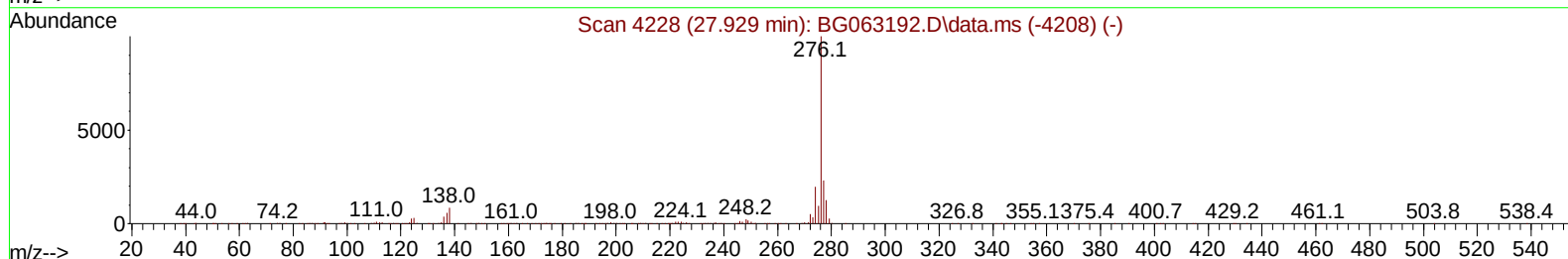
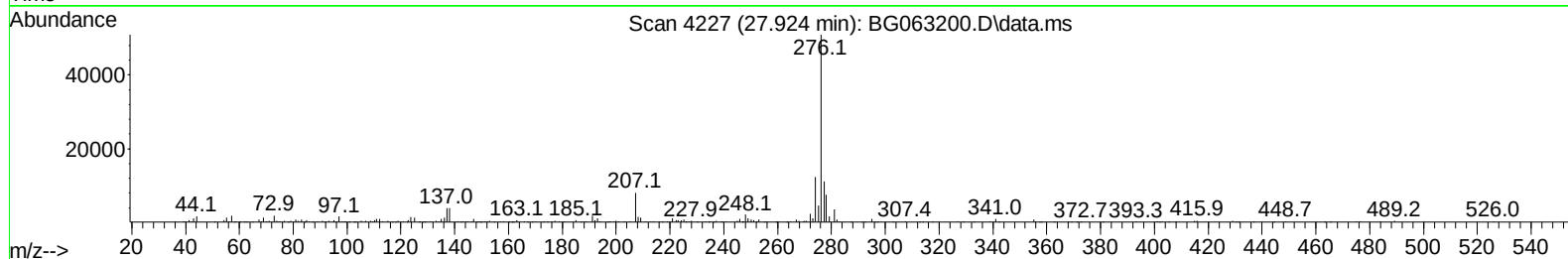
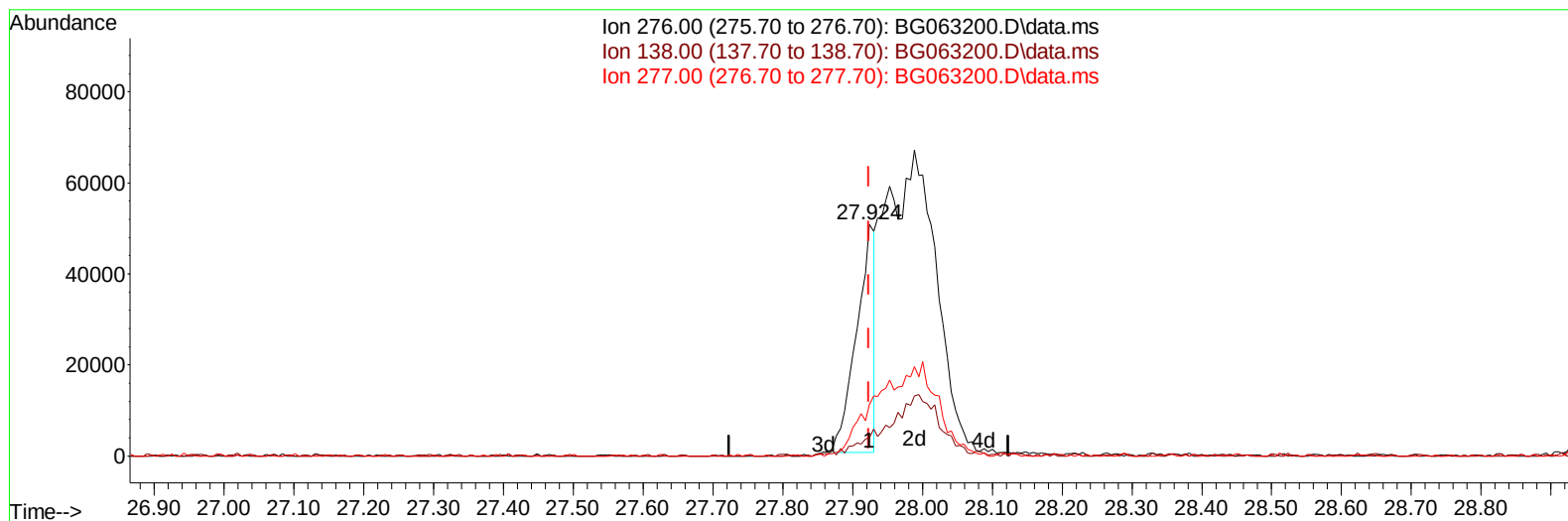
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063200.D
Acq On : 7 Nov 2024 13:31
Operator : RC/JU
Sample : P4585-02DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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TIC: BG063200.D\data.ms

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

27.924min (+ 0.001) 1.27 ng/u l

response 90098

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	7.75
277.00	21.70	21.98
0.00	0.00	0.00

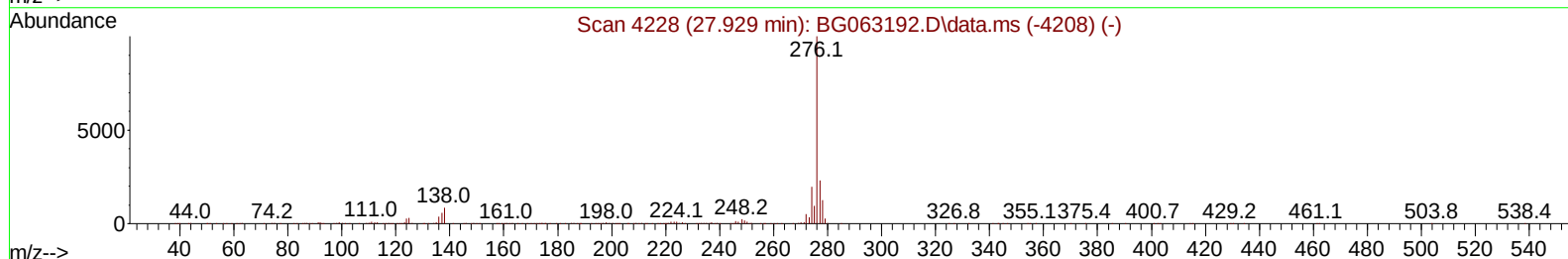
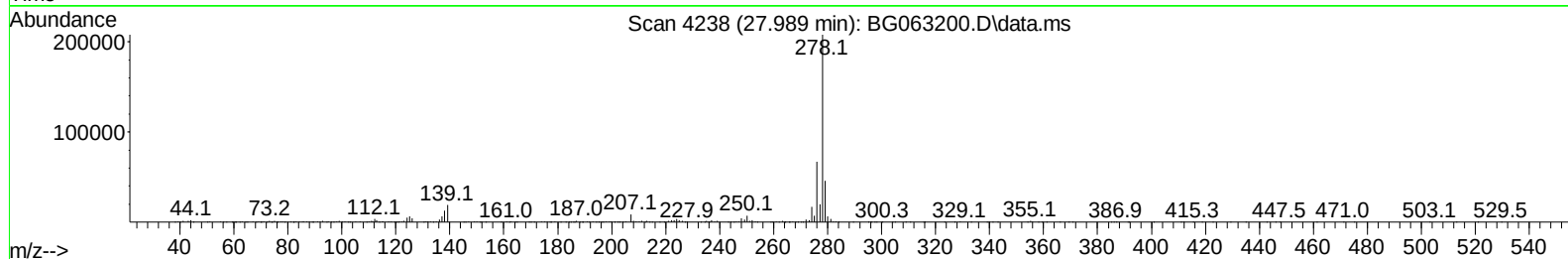
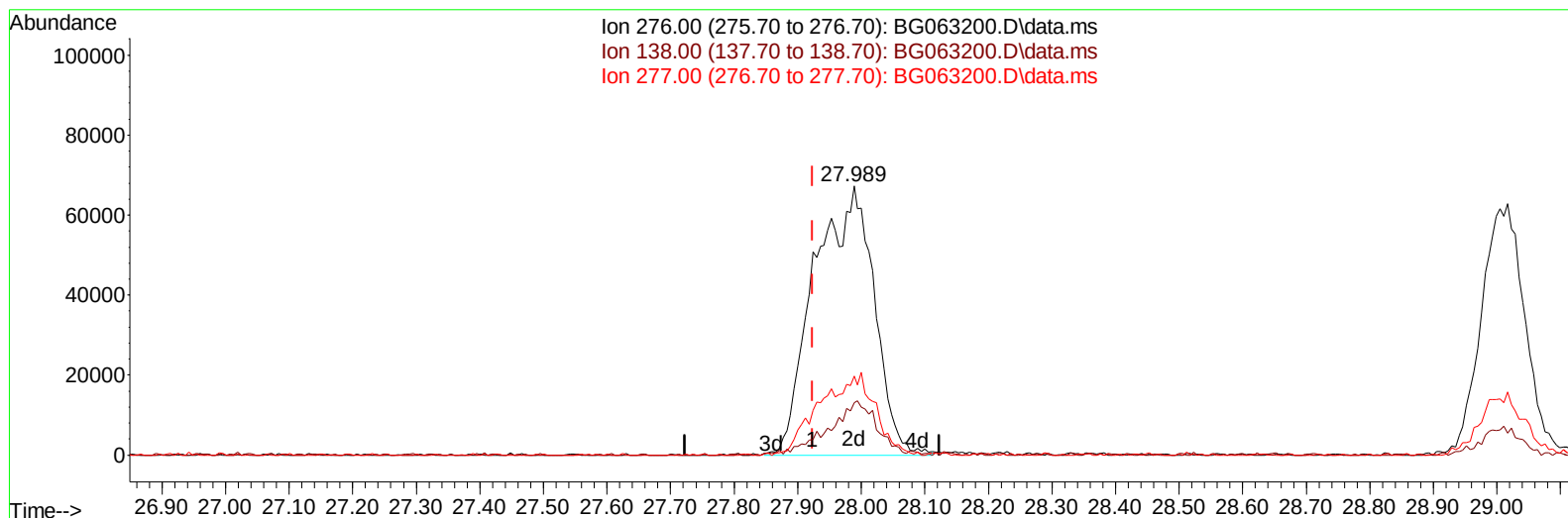
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063200.D
Acq On : 7 Nov 2024 13:31
Operator : RC/JU
Sample : P4585-02DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EA7DL

Manual IntegrationsAPPROVED

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TIC: BG063200.D\data.ms

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

27.989min (+ 0.065) 6.19 ng/u1 m

response 438907

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	19.55#
277.00	21.70	29.29#
0.00	0.00	0.00

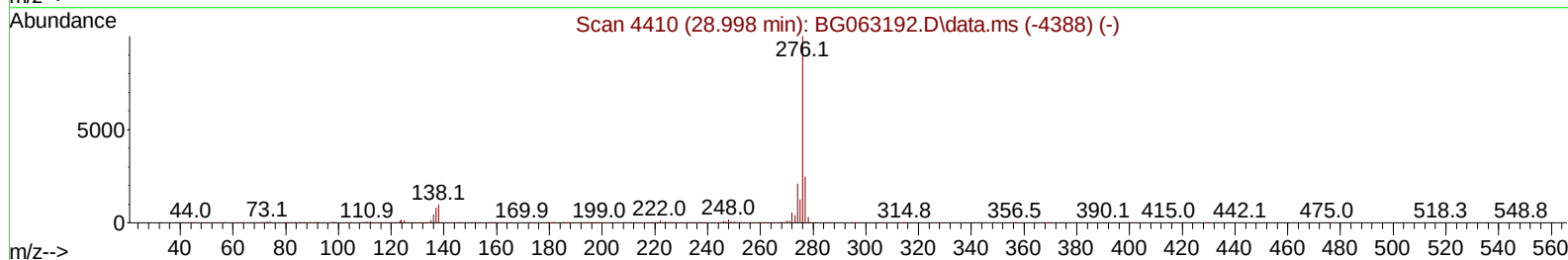
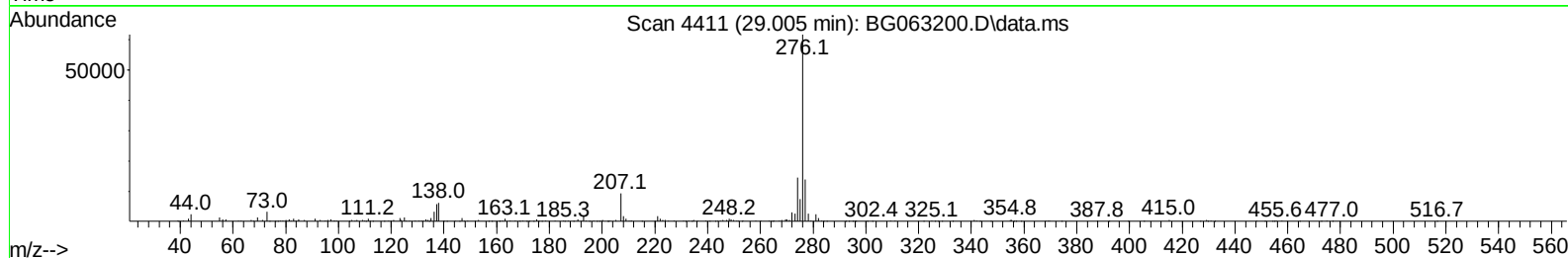
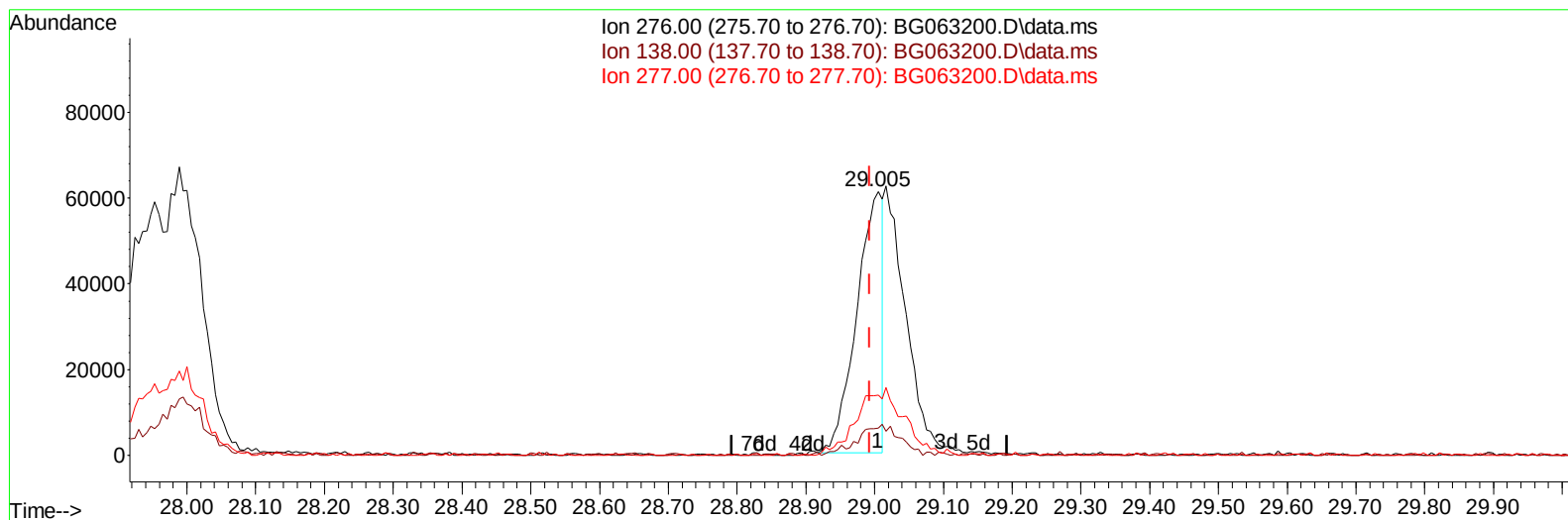
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TIC: BG063200.D\data.ms

(96) Benzo(g,h,i)perylene

29.005min (+ 0.012) 2.97 ng/u1

response 159468

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	10.18
277.00	23.20	22.70
0.00	0.00	0.00

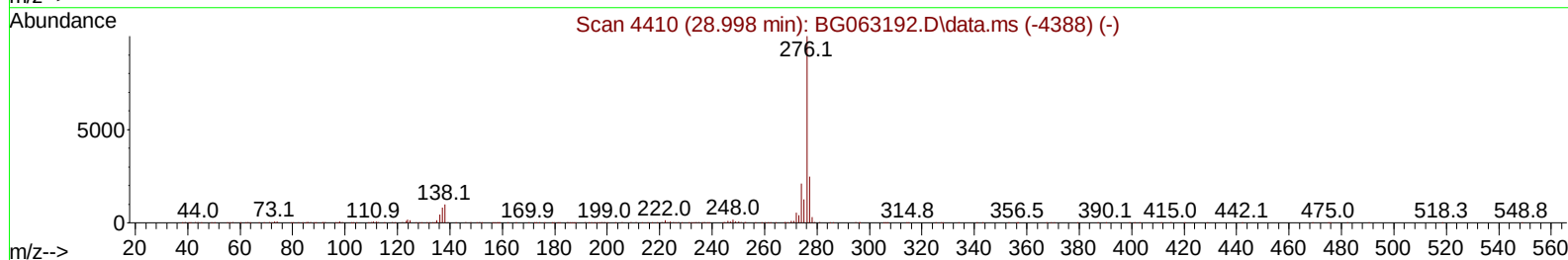
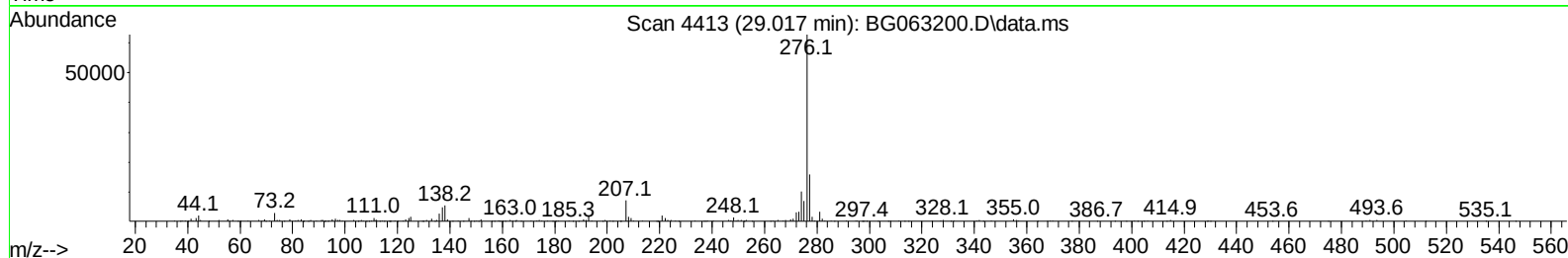
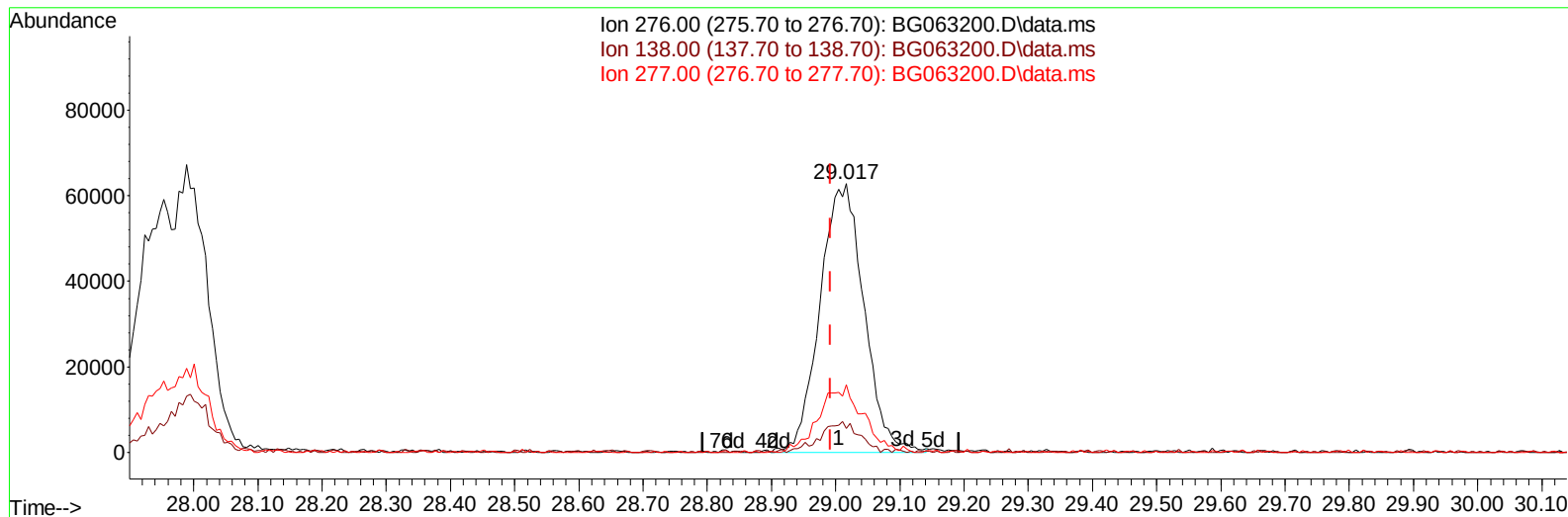
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Instrument :
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TIC: BG063200.D\data.ms

(96) Benzo(g,h,i)perylene

29.017min (+ 0.024) 5.56 ng/u l m

response 299116

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	8.75
277.00	23.20	25.23
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	74336	20.000	ng/ul	0.00
20) Naphthalene-d8	10.627	136	363012	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	349687	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.231	188	877528	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	891378	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	1038500	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	662m	0.403	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.013	99	18340	2.734	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	10748	2.732	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	12484	2.867	ng/ul	0.00
15) 4-Methylphenol-d8	8.547	113	14294m	2.514	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	7188	2.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	8491	2.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	24339	3.760	ng/ul	0.00
31) 4-Chloroaniline-d4	10.768	131	13916	1.651	ng/ul	0.00
46) Dimethylphthalate-d6	13.882	166	128513	4.692	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	121289	4.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	16542m	4.411	ng/ul	0.00
60) Fluorene-d10	15.474	176	123371	5.337	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	17331	3.142	ng/ul	0.00
73) Anthracene-d10	17.330	188	231307	6.133	ng/ul	0.00
81) Pyrene-d10	19.628	212	289594	6.480	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.311	264	285312	5.690	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.043	94	27120	3.710	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.260	93	111136	22.355	ng/ul	93
12) 2-Chlorophenol	7.401	128	46103	9.899	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.635	70	111339	20.851	ng/ul	97
19) Hexachloroethane	8.917	117	28512	15.108	ng/ul	94
22) Nitrobenzene	9.034	77	32643	4.148	ng/ul#	95
23) Isophorone	9.551	82	267450	16.103	ng/ul	100
25) 2-Nitrophenol	9.739	139	15332	4.702	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.039	93	155945	19.477	ng/ul#	93
29) 2,4-Dichlorophenol	10.280	162	79400	13.011	ng/ul	87
33) Hexachlorobutadiene	10.967	225	97434	16.683	ng/ul	94
35) 4-Chloro-3-methylphenol	11.919	107	50305	6.870	ng/ul#	80
36) 2-Methylnaphthalene	12.295	142	99720	6.774	ng/ul	94
41) 2,4,6-Trichlorophenol	12.906	196	199001	29.907	ng/ul	95
42) 2,4,5-Trichlorophenol	12.983	196	50432	6.989	ng/ul	94
48) 2,6-Dinitrotoluene	14.052	165	200135	39.821	ng/ul	97
50) Acenaphthylene	14.199	152	89925	3.367	ng/ul	94
52) Acenaphthene	14.546	153	386137	20.201	ng/ul	97
55) 4-Nitrophenol	14.704	109	59146	12.134	ng/ul	94
57) 2,4-Dinitrotoluene	14.845	165	212445	26.727	ng/ul	99
61) Fluorene	15.533	166	818826	33.065	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.527	204	160982	10.115	ng/ul	97
68) 4-Bromophenyl-phenylether	16.420	248	84669	8.440	ng/ul	94

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.543	284	484939	45.376	ng/ul	98
71) Pentachlorophenol	16.884	266	217586	40.611	ng/ul	91
72) Phenanthrene	17.272	178	374164	9.332	ng/ul	98
74) Anthracene	17.360	178	348037	8.474	ng/ul	99
78) Di-n-butylphthalate	18.200	149	1265369	32.622	ng/ul	99
80) Fluoranthene	19.293	202	1628503	33.712	ng/ul	99
82) Pyrene	19.657	202	726888	14.196	ng/ul	98
83) Butylbenzylphthalate	20.550	149	140538	9.391	ng/ul	97
85) Benzo(a)anthracene	21.467	228	1486379	26.362	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.385	149	857496	39.340	ng/ul	98
87) Chrysene	21.531	228	2206469	41.974	ng/ul	98
90) Benzo(b)fluoranthene	23.564	252	2029041	32.473	ng/ul	98
93) Benzo(a)pyrene	24.375	252	391438	6.773	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.989	276	438907m	6.191	ng/ul	
95) Dibenzo(a,h)anthracene	28.000	278	910954	15.761	ng/ul	99
96) Benzo(g,h,i)perylene	29.017	276	299116m	5.565	ng/ul	

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

