

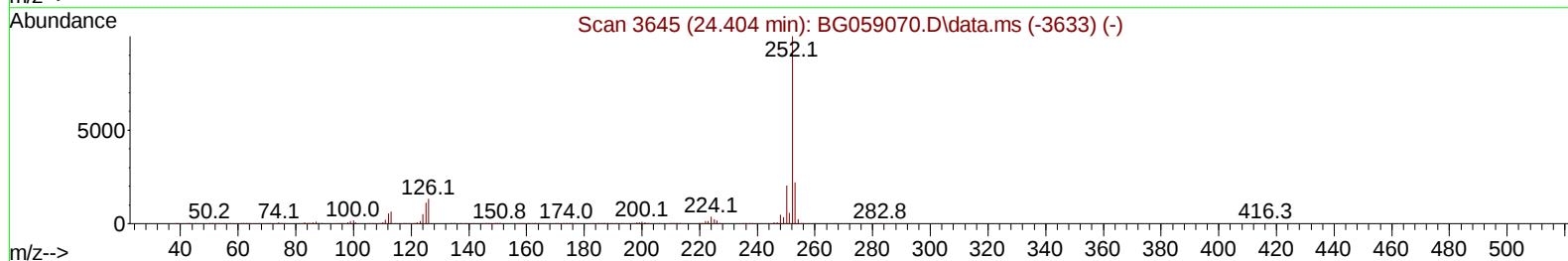
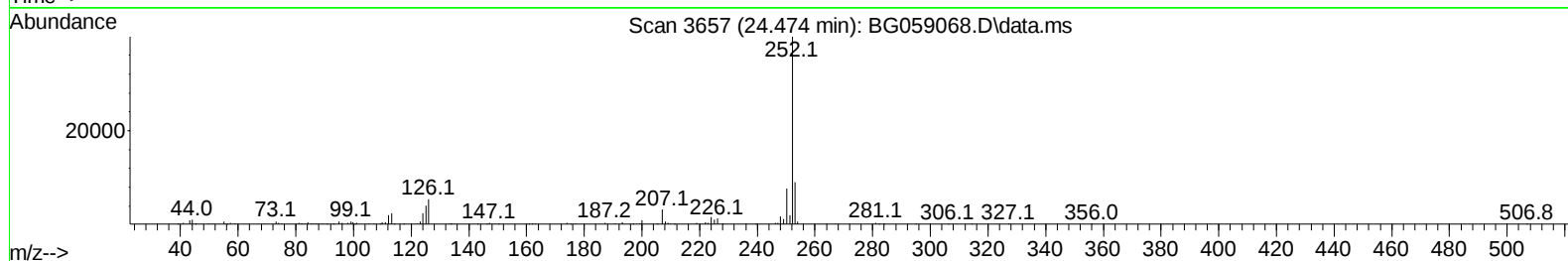
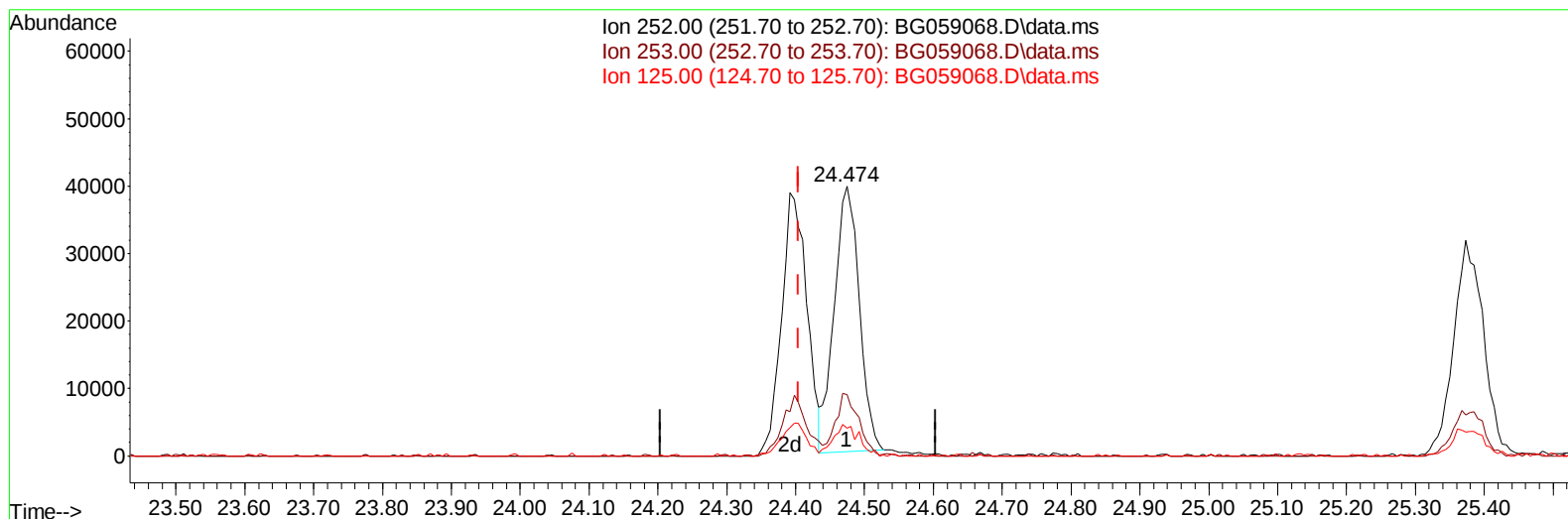
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
 Data File : BG059068.D
 Acq On : 15 Sep 2023 12:51
 Operator : MA/JU
 Sample : SSTD00519
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005421

Manual IntegrationsAPPROVED

Quant Time: Sep 16 00:17:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 00:10:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/18/2023
 Supervised By :mohammad ahmed 09/18/2023



TIC: BG059068.D\data.ms

(90) Benzo(b)fluoranthene

24.474min (+ 0.071) 5.00 ng/u1

response 99734

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.81
125.00	11.00	10.23
0.00	0.00	0.00

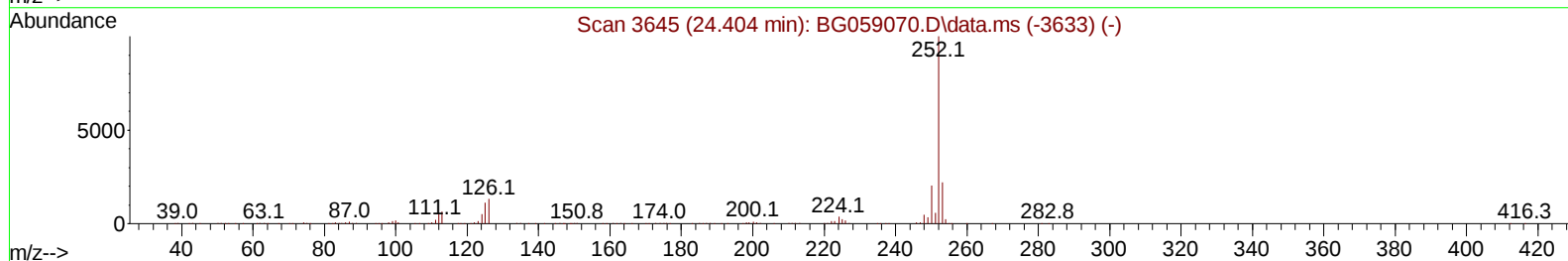
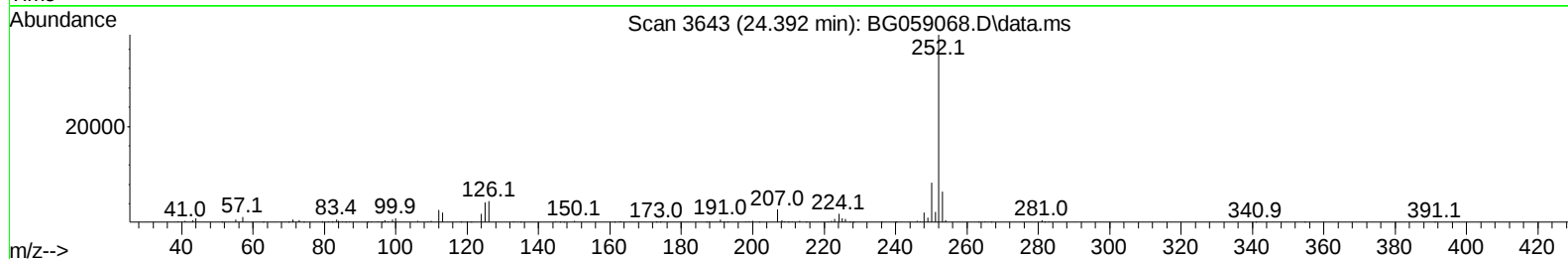
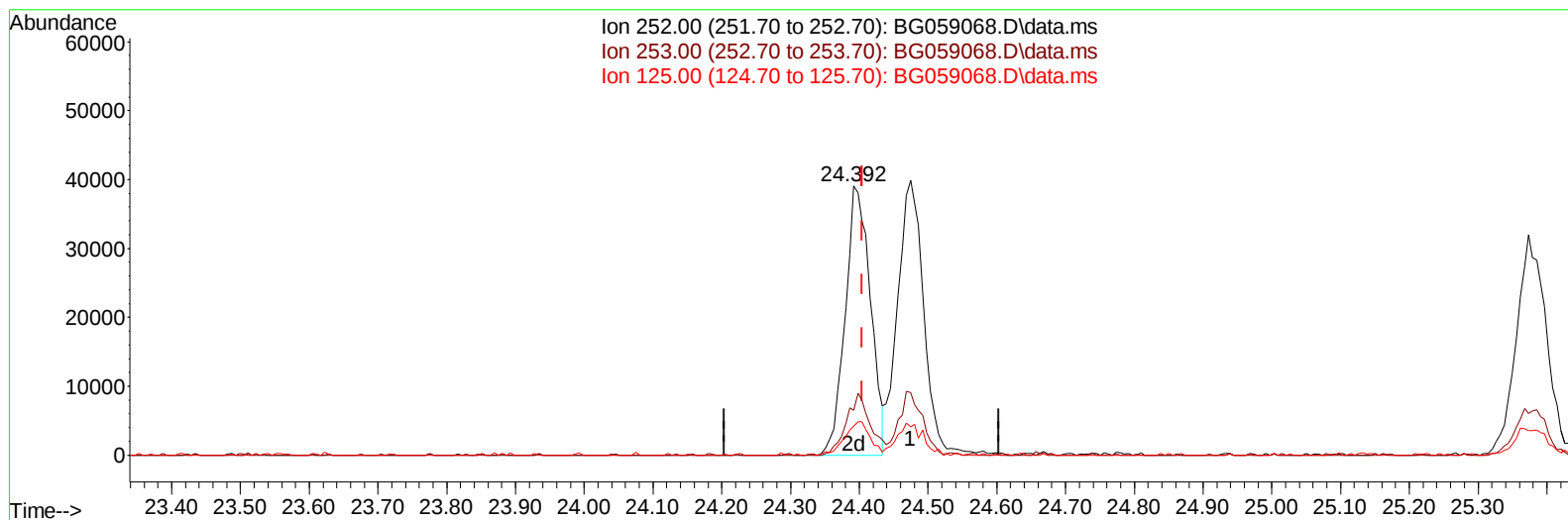
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
 Data File : BG059068.D
 Acq On : 15 Sep 2023 12:51
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 Supervised By :mohammad ahmed 09/18/2023



TIC: BG059068.D\data.ms

(90) Benzo(b)fluoranthene

24.392min (-0.012) 5.00 ng/ul m

response 99662

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	16.67#
125.00	11.00	10.79
0.00	0.00	0.00

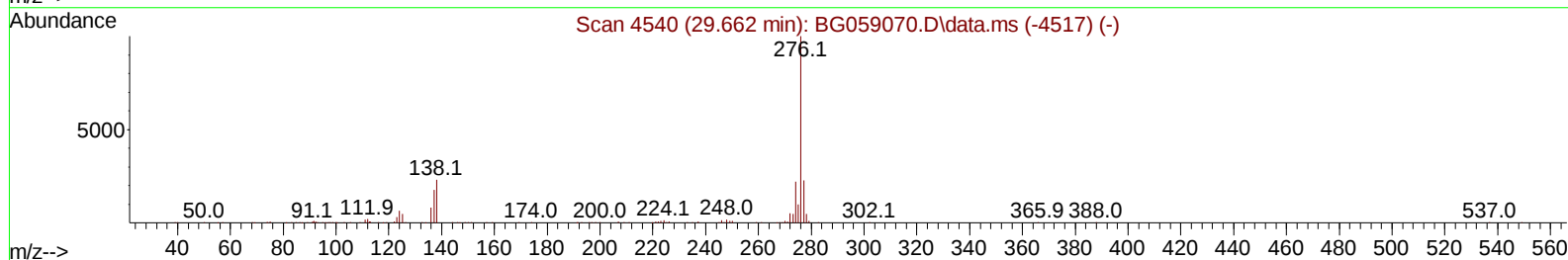
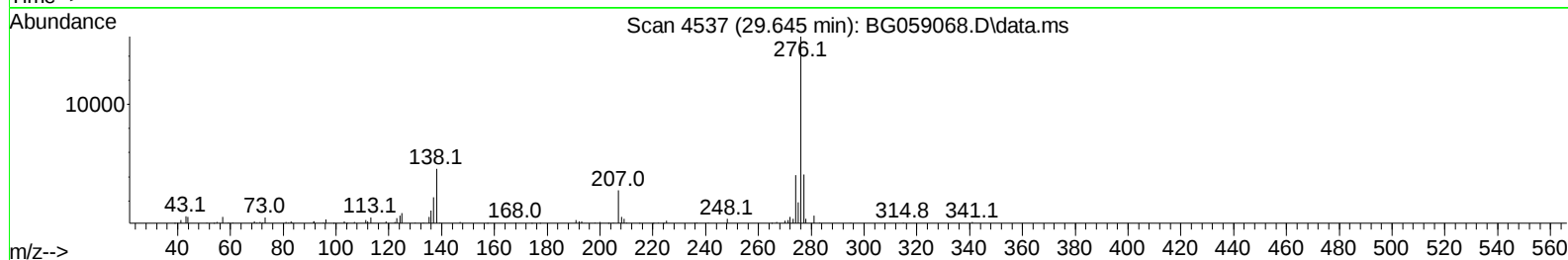
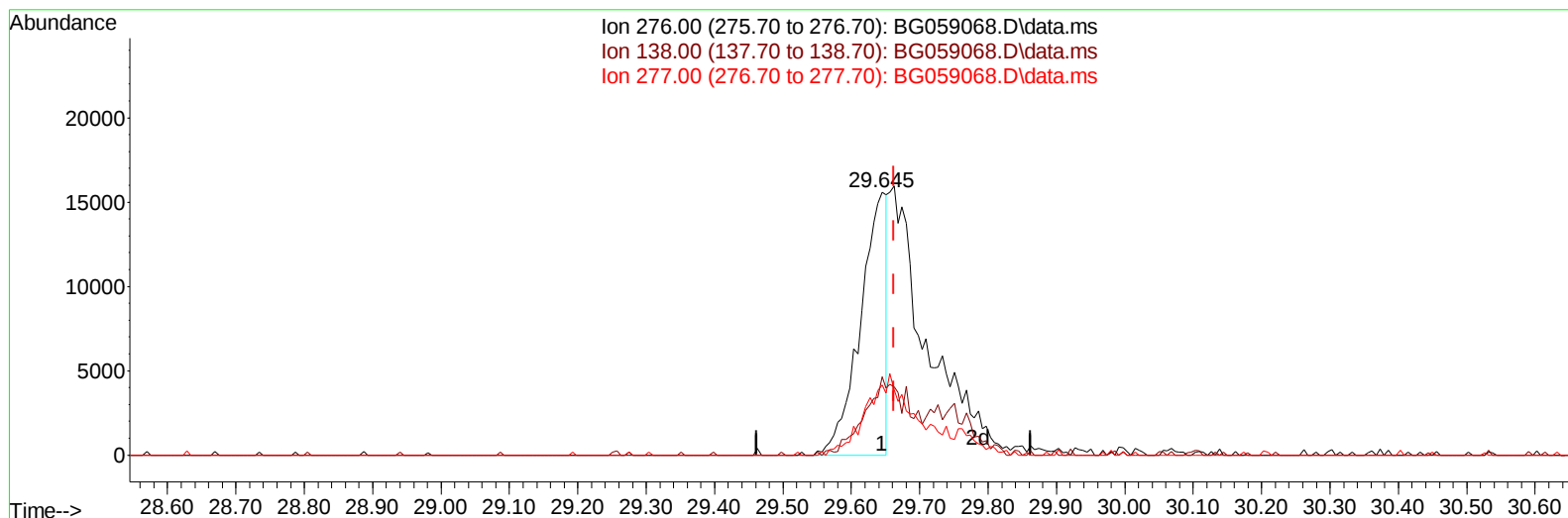
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
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TIC: BG059068.D\data.ms

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

29.645min (-0.018) 1.81 ng/u1

response 41647

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	29.71#
277.00	22.90	26.73
0.00	0.00	0.00

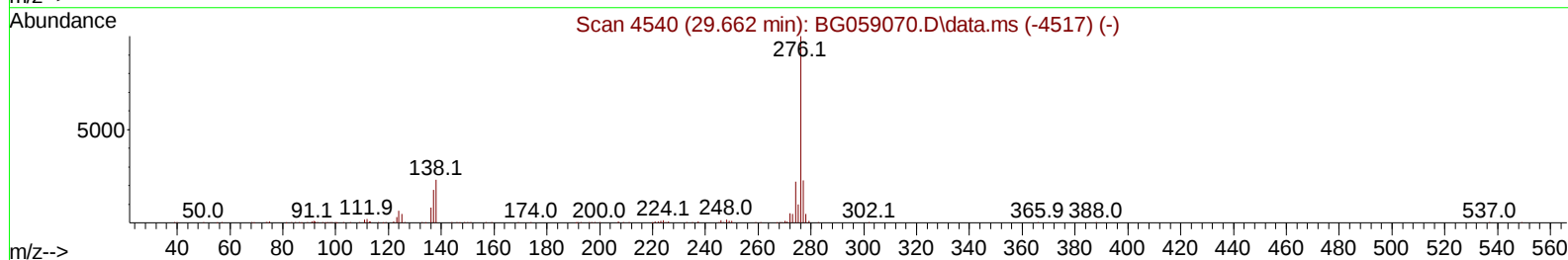
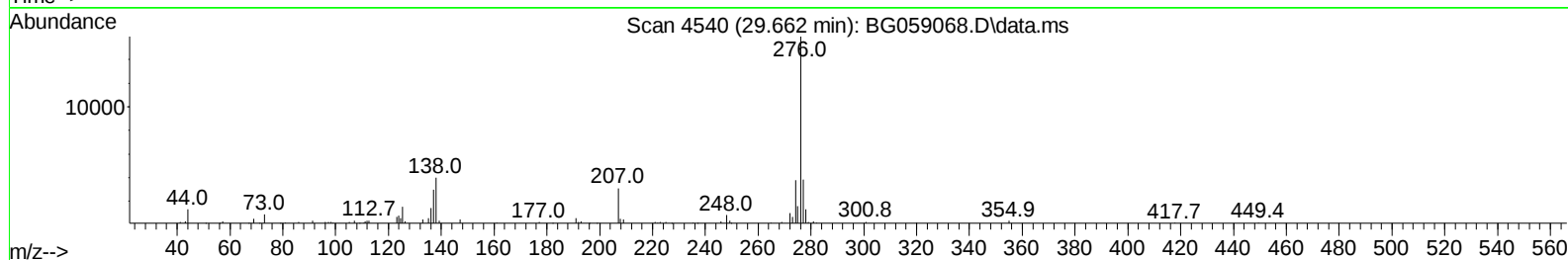
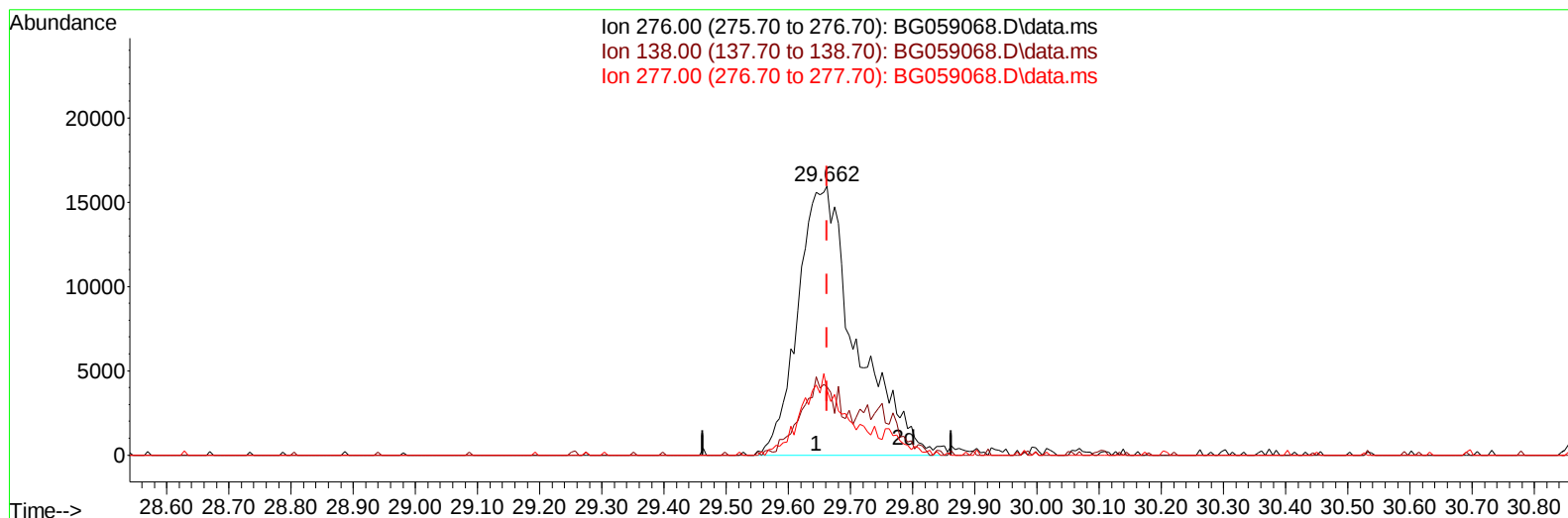
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
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QLast Update : Sat Sep 16 00:10:16 2023
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TIC: BG059068.D\data.ms

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

29.662min (+ 0.000) 4.50 ng/ul m

response 103380

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	25.27
277.00	22.90	24.26
0.00	0.00	0.00

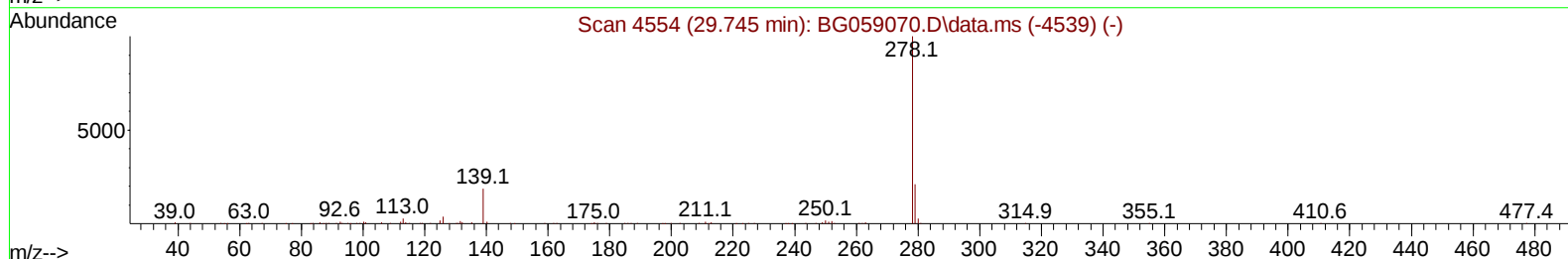
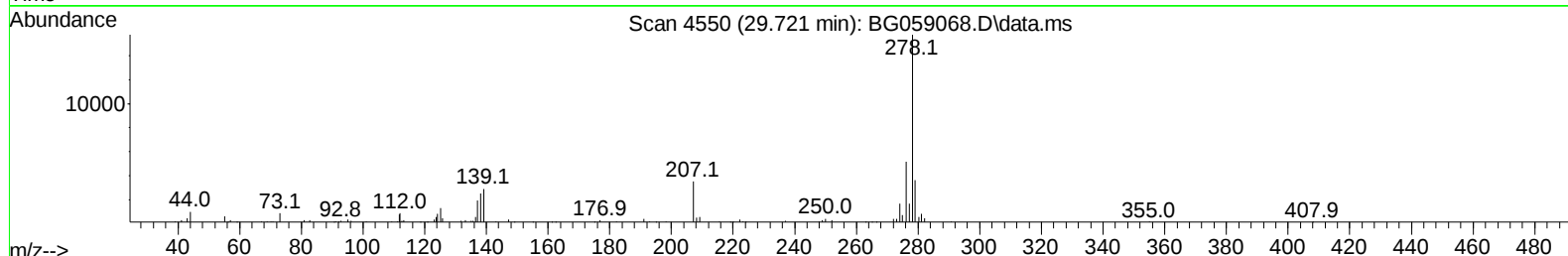
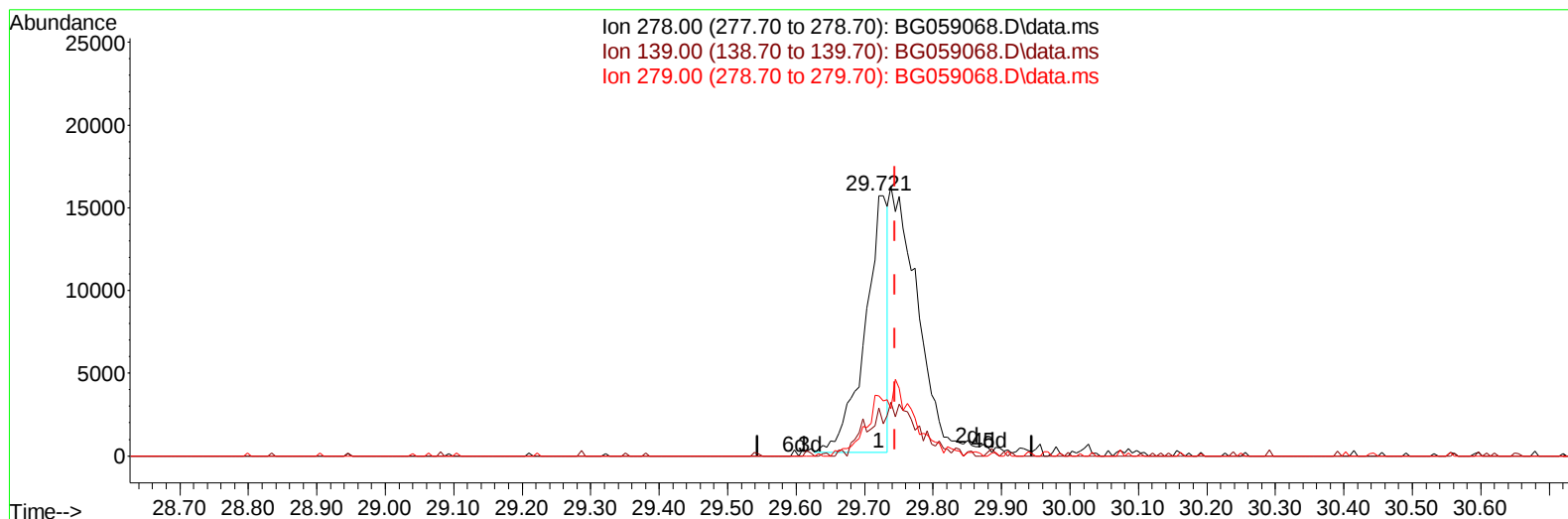
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TIC: BG059068.D\data.ms

(95) Dibenzo(a,h)anthracene

29.721min (-0.023) 1.96 ng/u1

response 35968

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.30	18.42
279.00	21.50	23.15
0.00	0.00	0.00

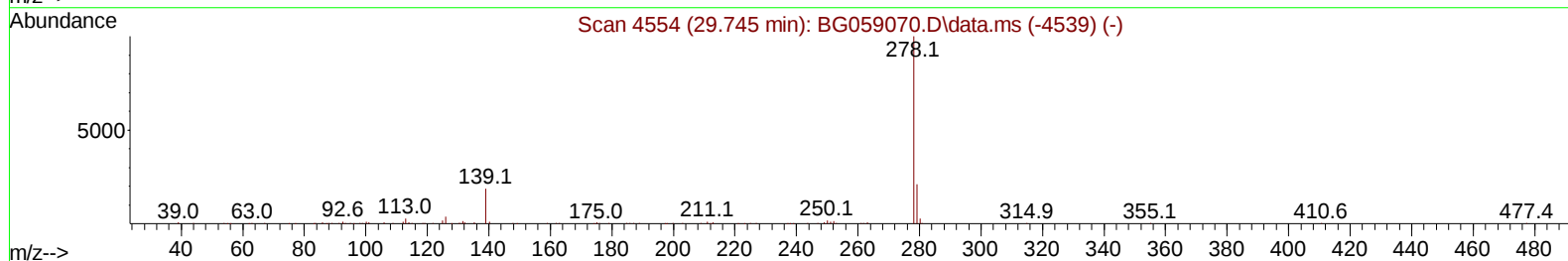
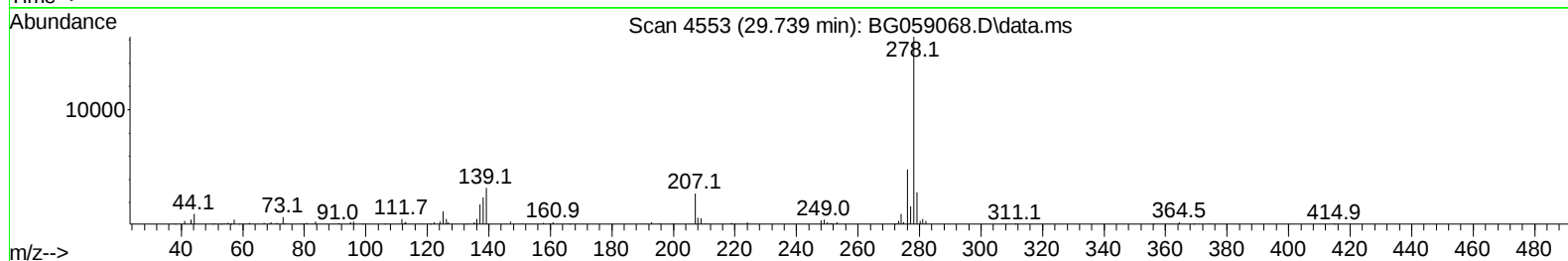
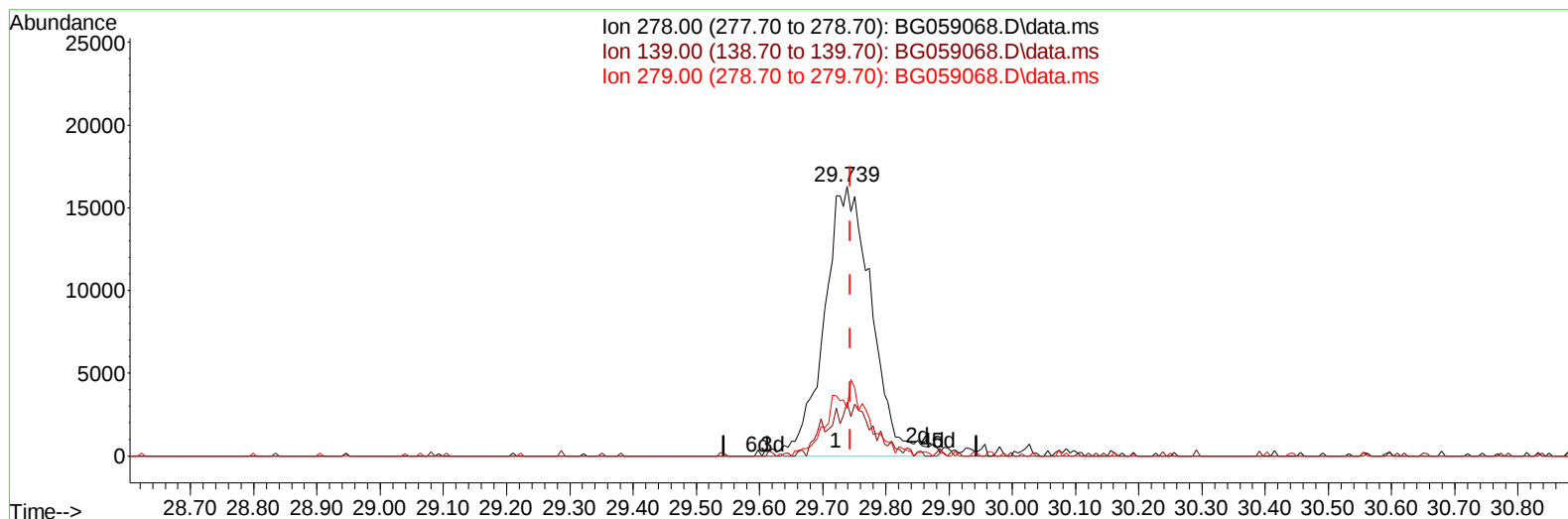
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/18/2023

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TIC: BG059068.D\data.ms

(95) Dibenzo(a,h)anthracene

29.739min (-0.006) 4.64 ng/ul m

response 85271

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.30	20.02
279.00	21.50	17.62
0.00	0.00	0.00

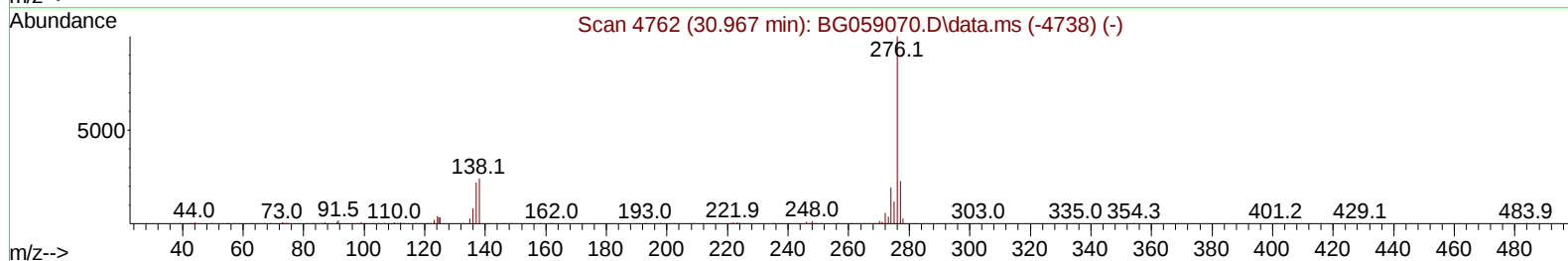
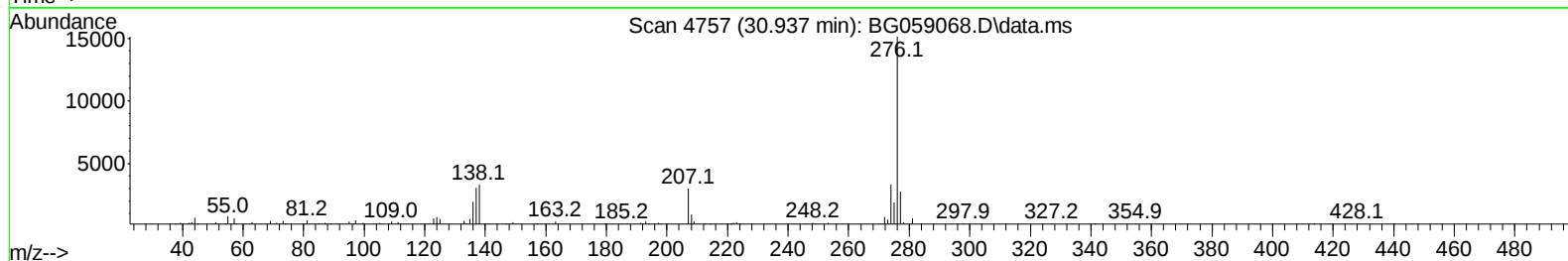
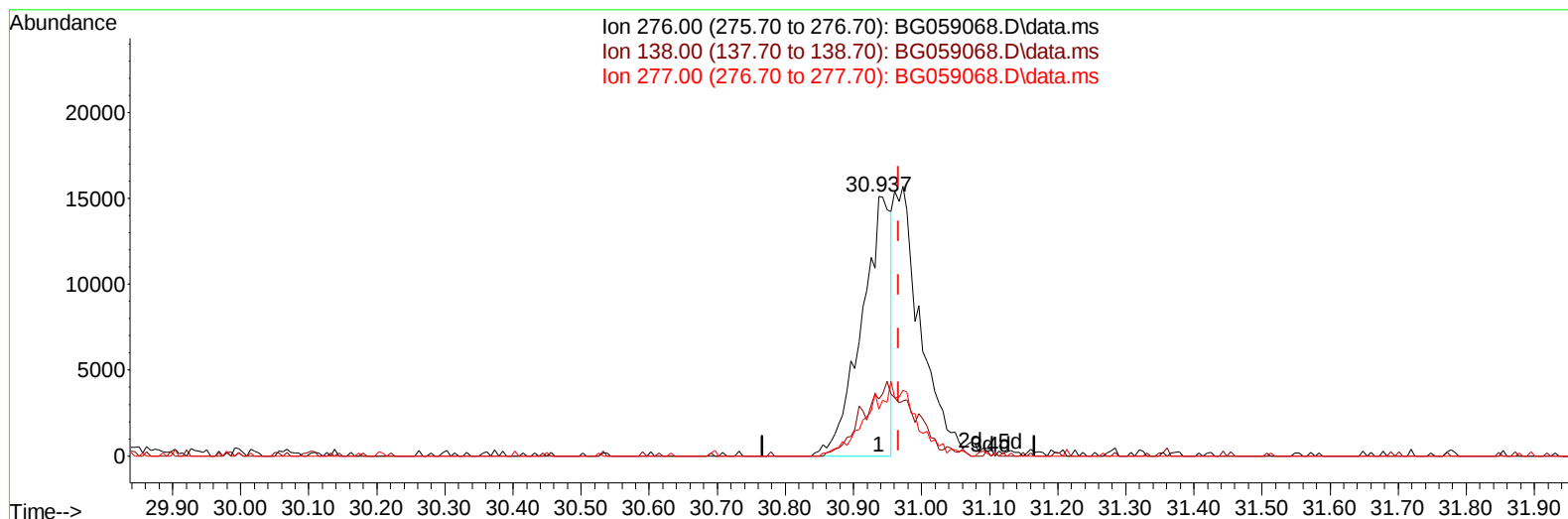
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Reviewed By :Yogesh Patel 09/18/2023
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TIC: BG059068.D\data.ms

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

30.937min (-0.029) 2.45 ng/u1

response 45351

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.90	21.96
277.00	22.70	18.04#
0.00	0.00	0.00

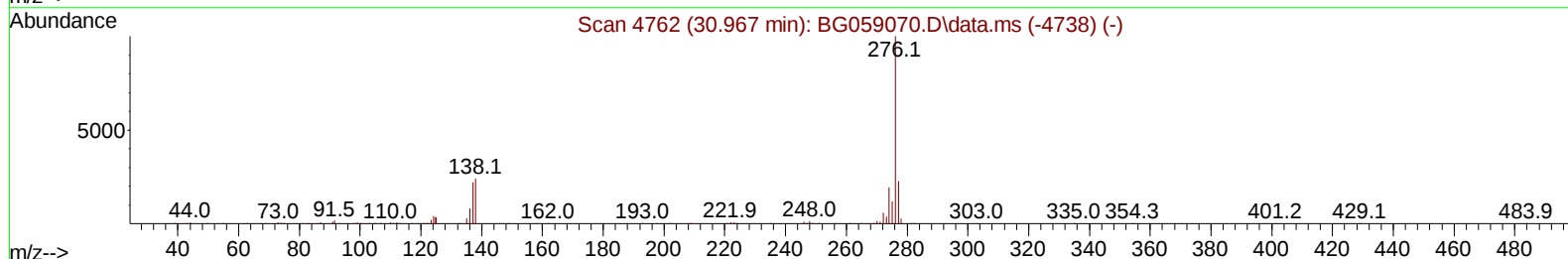
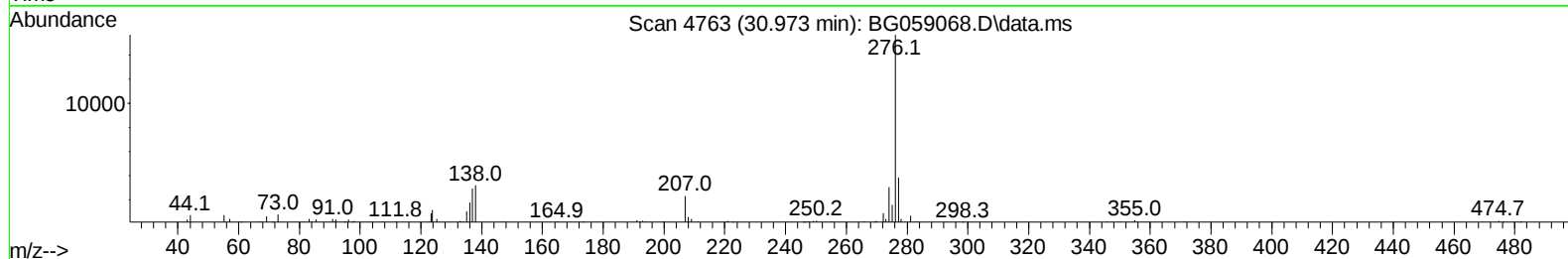
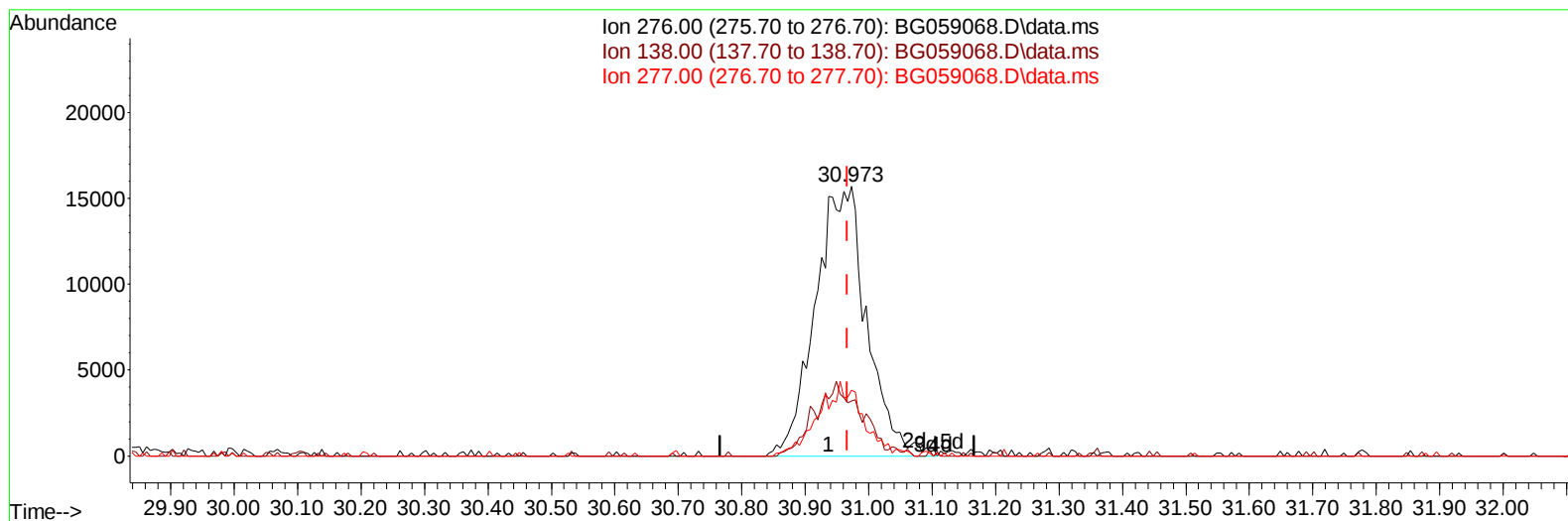
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 Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 09/18/2023



TIC: BG059068.D\data.ms

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

30.973min (+ 0.006) 4.80 ng/ul m

response 88658

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.90	20.39
277.00	22.70	24.48
0.00	0.00	0.00

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTD005421

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	30707	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	148762	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.927	164	105879	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.682	188	243466	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	288853	20.000	ng/ul	0.00
88) Perylene-d12	25.555	264	338028	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	1180	1.687	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.811	132	10287	4.818	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.498	128	6301	5.533	ng/ul	0.00
24) 2-Nitrophenol-d4	10.209	143	5232	3.902	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.737	165	10789	4.149	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.322	166	37633	4.417	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	40890	4.466	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.914	176	33330	4.358	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.776	188	54074	4.886	ng/ul	0.00
81) Pyrene-d10	20.050	212	77026	4.789	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	77582	4.622	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.640	88	2103	2.313	ng/uL#	92
12) 2-Chlorophenol	7.841	128	10531	4.828	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.098	70	12897	5.719	ng/ul#	94
19) Hexachloroethane	9.380	117	5658	6.194	ng/ul	92
22) Nitrobenzene	9.539	77	18309	5.671	ng/ul#	89
23) Isophorone	10.044	82	27470	3.881	ng/ul#	98
25) 2-Nitrophenol	10.244	139	6281	4.625	ng/ul	94
26) 2,4-Dimethylphenol	10.262	107	12248	3.882	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.532	93	17020	4.783	ng/ul	92
29) 2,4-Dichlorophenol	10.761	162	11131	4.657	ng/ul	95
30) Naphthalene	11.196	128	38141	4.926	ng/ul	96
33) Hexachlorobutadiene	11.425	225	6923	3.859	ng/ul#	84
35) 4-Chloro-3-methylphenol	12.371	107	13108	4.141	ng/ul	85
36) 2-Methylnaphthalene	12.770	142	26489	4.634	ng/ul	92
37) 1-Methylnaphthalene	12.994	142	26147	4.445	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.117	216	13306	4.070	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.352	196	9316	4.143	ng/ul	96
42) 2,4,5-Trichlorophenol	13.423	196	10496	4.360	ng/ul	96
43) 1,1'-Biphenyl	13.769	154	36325	4.712	ng/ul	93
44) 2-Chloronaphthalene	13.816	162	30897	5.127	ng/ul	93
45) 2-Nitroaniline	14.028	65	10049	4.763	ng/ul	94
47) Dimethylphthalate	14.369	163	39617	4.820	ng/ul#	96
48) 2,6-Dinitrotoluene	14.510	165	7221	4.202	ng/ul#	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.656	152	49505	4.897	ng/ul	95
52) Acenaphthene	14.991	153	32798	4.848	ng/ul	92
56) Dibenzofuran	15.320	168	47732	4.801	ng/ul	99
57) 2,4-Dinitrotoluene	15.285	165	10134	4.142	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.526	232	9217	3.823	ng/ul#	94
59) Diethylphthalate	15.714	149	42095	5.028	ng/ul#	93
61) Fluorene	15.973	166	40570	4.832	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.955	204	19547	4.385	ng/ul	95
67) N-Nitrosodiphenylamine	16.172	169	34813	5.436	ng/ul	96
68) 4-Bromophenyl-phenylether	16.854	248	11668	4.263	ng/ul#	90
69) Hexachlorobenzene	16.948	284	13969	4.641	ng/ul	98
72) Phenanthrene	17.723	178	66731	5.377	ng/ul	96
74) Anthracene	17.812	178	68353	5.331	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.722	216	12779	4.070	ng/uL	97
76) Pentachlorobenzene	15.220	250	13100	4.053	ng/uL	91
78) Di-n-butylphthalate	18.599	149	99288	7.643	ng/ul	97
80) Fluoranthene	19.715	202	100152	5.546	ng/ul	100
82) Pyrene	20.079	202	106237	5.451	ng/ul	97
83) Butylbenzylphthalate	20.937	149	42626	5.967	ng/ul#	96
85) Benzo(a)anthracene	21.977	228	101457	5.122	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.819	149	64657	6.154	ng/ul	92
87) Chrysene	22.054	228	92718	5.094	ng/ul	97
90) Benzo(b)fluoranthene	24.392	252	99662m	4.996	ng/ul	
91) Benzo(k)fluoranthene	24.474	252	99734	4.866	ng/ul	98
93) Benzo(a)pyrene	25.373	252	96856	5.135	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.662	276	103380m	4.501	ng/ul	
95) Dibenzo(a,h)anthracene	29.739	278	85271m	4.644	ng/ul	
96) Benzo(g,h,i)perylene	30.973	276	88658m	4.798	ng/ul	

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

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