

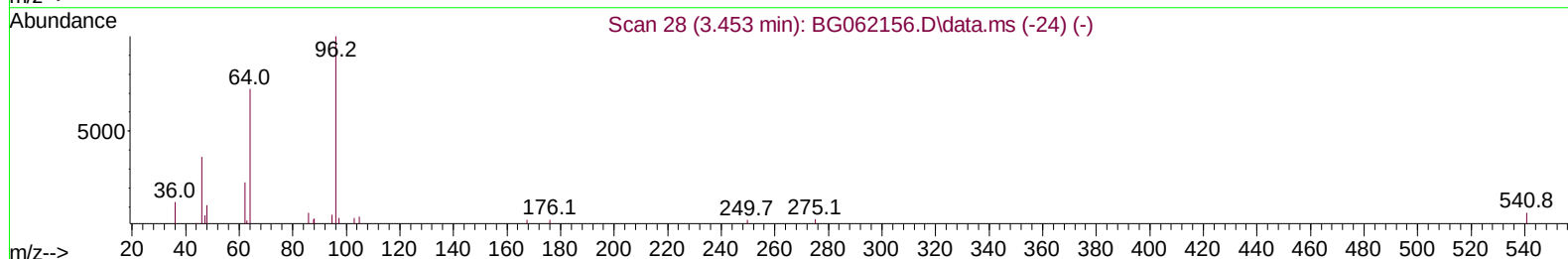
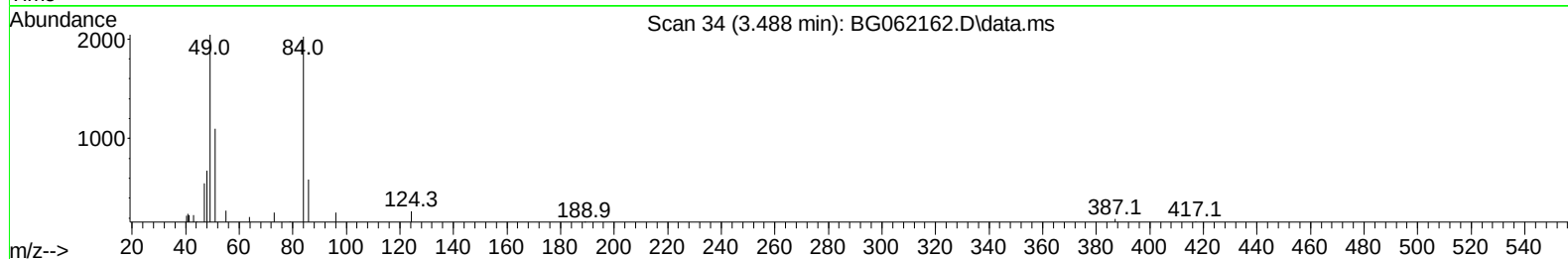
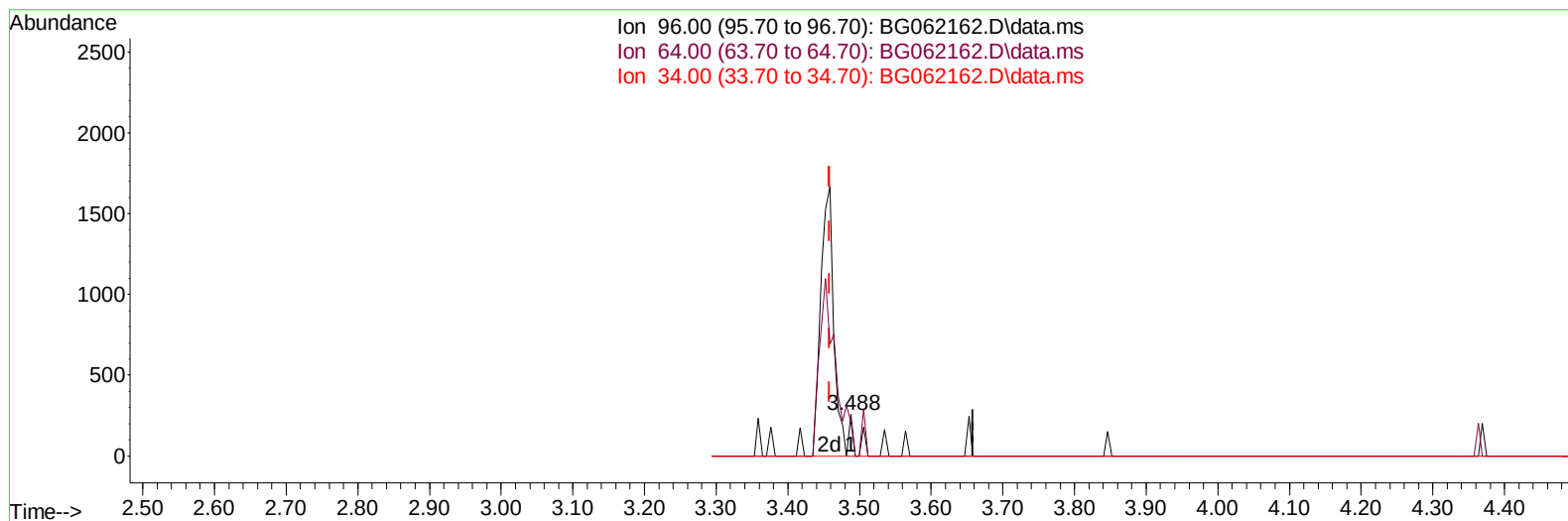
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062162.D
Acq On : 22 Jul 2024 15:09
Operator : MA/JU
Sample : P3263-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DK8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 15:41:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration



TIC: BG062162.D\data.ms

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

3.488min (+ 0.029) 0.12 ng/uL

response 91

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	82.49
34.00	0.00	0.00
0.00	0.00	0.00

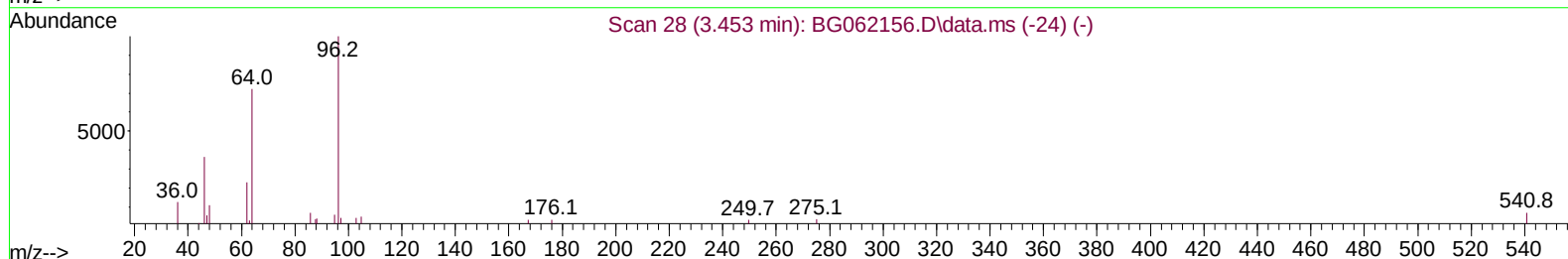
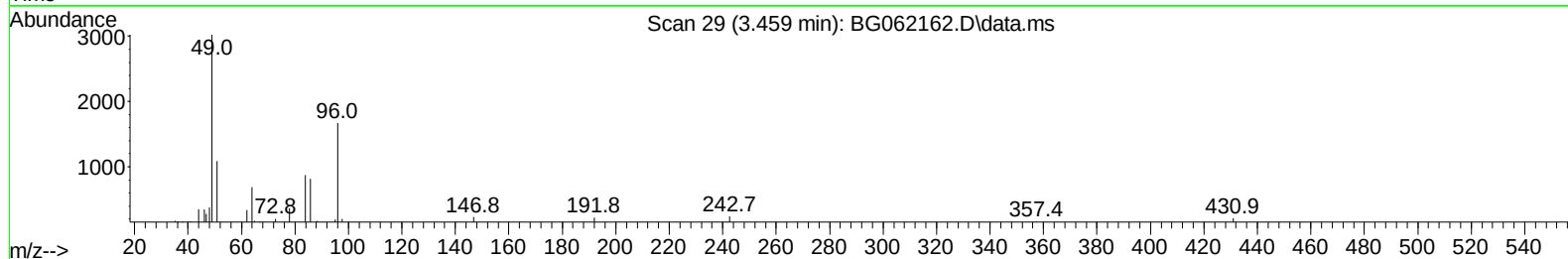
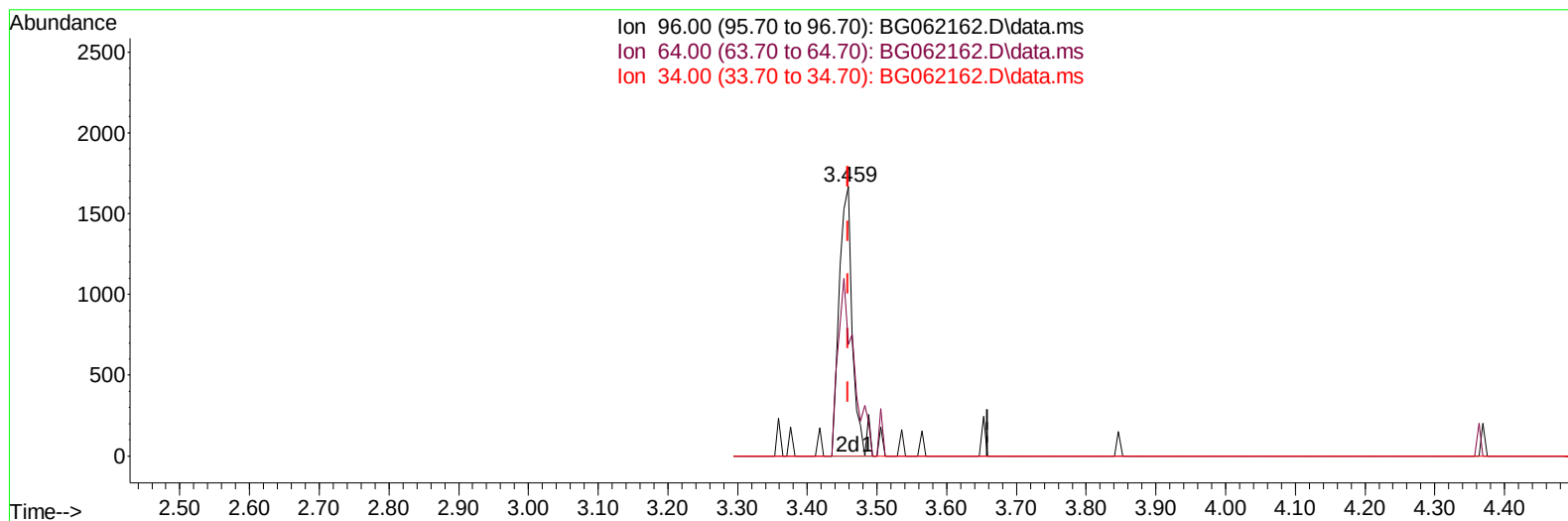
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(3) 1,4-Dioxane-d8 (S)

3.459min (+ 0.000) 3.00 ng/uL m

response 2218

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	41.37#
34.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jul 22 15:44:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	34502	20.000	ng/ul	0.00
20) Naphthalene-d8	10.878	136	146877	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	124801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	342216	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.710	240	328749	20.000	ng/ul	0.00
88) Perylene-d12	24.935	264	358892	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	2218m	3.001	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.236	99	61339	18.059	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	35728	18.307	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	38193	17.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	46908	18.133	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	20740	17.724	ng/ul	0.00
24) 2-Nitrophenol-d4	9.956	143	24444	17.355	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	57703	19.571	ng/ul	0.00
31) 4-Chloroaniline-d4	11.013	131	50543	14.250	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	266401	25.184	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	255910	23.859	ng/ul	0.00
54) 4-Nitrophenol-d4	14.931	143	36022	28.258	ng/ul	0.01
60) Fluorene-d10	15.689	176	245137	27.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	49103	22.578	ng/ul	0.00
73) Anthracene-d10	17.540	188	451833	28.264	ng/ul	0.00
81) Pyrene-d10	19.825	212	552757	29.655	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	530701	29.581	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.265	94	339959	101.443	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.483	93	71816	31.112	ng/ul#	90
12) 2-Chlorophenol	7.629	128	132692	61.056	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.869	70	220773	85.432	ng/ul	92
19) Hexachloroethane	9.145	117	83793	86.125	ng/ul	85
22) Nitrobenzene	9.274	77	112124	29.630	ng/ul#	96
25) 2-Nitrophenol	9.991	139	63275	42.481	ng/ul#	88
27) Bis(2-Chloroethoxy)met...	10.279	93	174049	48.722	ng/ul	93
29) 2,4-Dichlorophenol	10.531	162	115696	41.305	ng/ul	89
30) Naphthalene	10.931	128	909565	114.796	ng/ul	99
35) 4-Chloro-3-methylphenol	12.164	107	289256	86.121	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	164088	58.127	ng/ul	89
42) 2,4,5-Trichlorophenol	13.216	196	406732	132.367	ng/ul	92
44) 2-Chloronaphthalene	13.580	162	379817	52.292	ng/ul	96
48) 2,6-Dinitrotoluene	14.285	165	400915	194.363	ng/ul	95
50) Acenaphthylene	14.426	152	1573093	134.529	ng/ul	99
52) Acenaphthene	14.761	153	787818	101.497	ng/ul	96
55) 4-Nitrophenol	14.943	109	304632	156.133	ng/ul	88
57) 2,4-Dinitrotoluene	15.066	165	335820	106.100	ng/ul#	87
59) Diethylphthalate	15.507	149	1598020	160.461	ng/ul	99
61) Fluorene	15.742	166	410440	40.952	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.730	204	774210	124.740	ng/ul	95
69) Hexachlorobenzene	16.747	284	907349	214.560	ng/ul	99

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

71) Pentachlorophenol	17.099	266	380701	244.129	ng/ul	98
72) Phenanthrene	17.487	178	826783	50.205	ng/ul	97
74) Anthracene	17.581	178	1125669	66.397	ng/ul	97
78) Di-n-butylphthalate	18.391	149	2332668	141.154	ng/ul#	97
80) Fluoranthene	19.496	202	3098738	144.917	ng/ul	99
82) Pyrene	19.854	202	1558280	70.087	ng/ul	99
85) Benzo(a)anthracene	21.687	228	2307576	100.004	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.575	149	1758559	185.941	ng/ul	92
87) Chrysene	21.763	228	2914489	137.386	ng/ul	97
91) Benzo(k)fluoranthene	23.990	252	3055181	138.034	ng/ul	100
95) Dibenzo(a,h)anthracene	28.713	278	1947906	98.463	ng/ul	99

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

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