

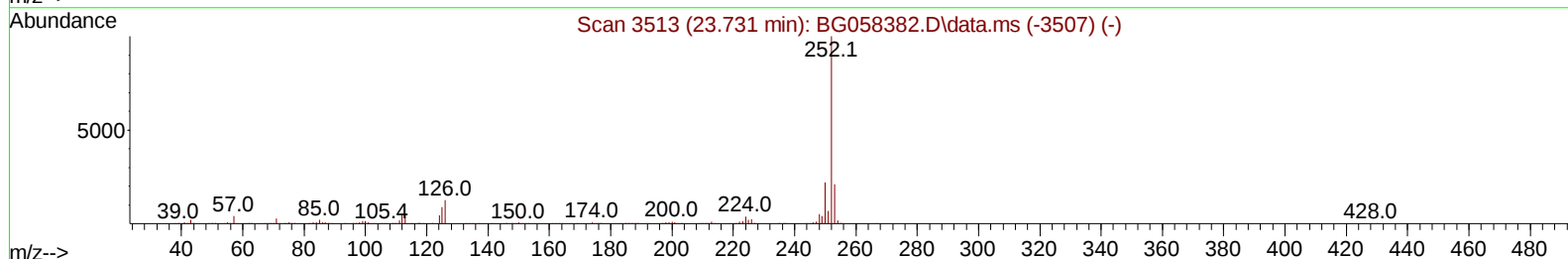
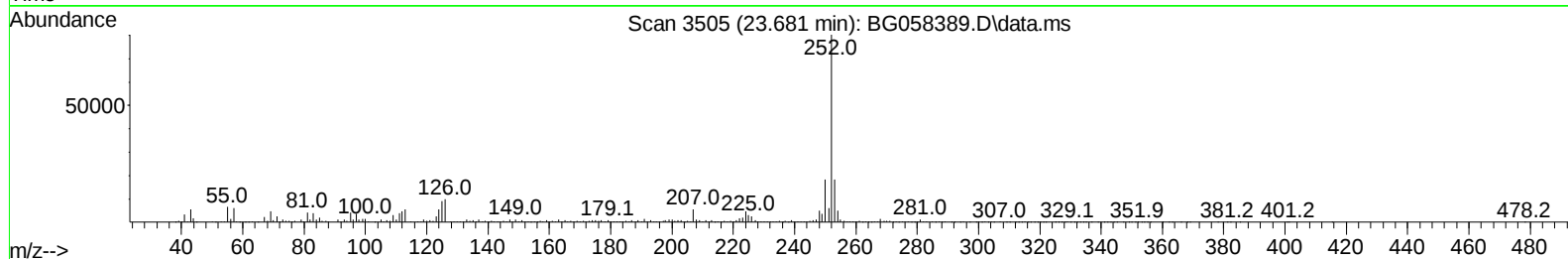
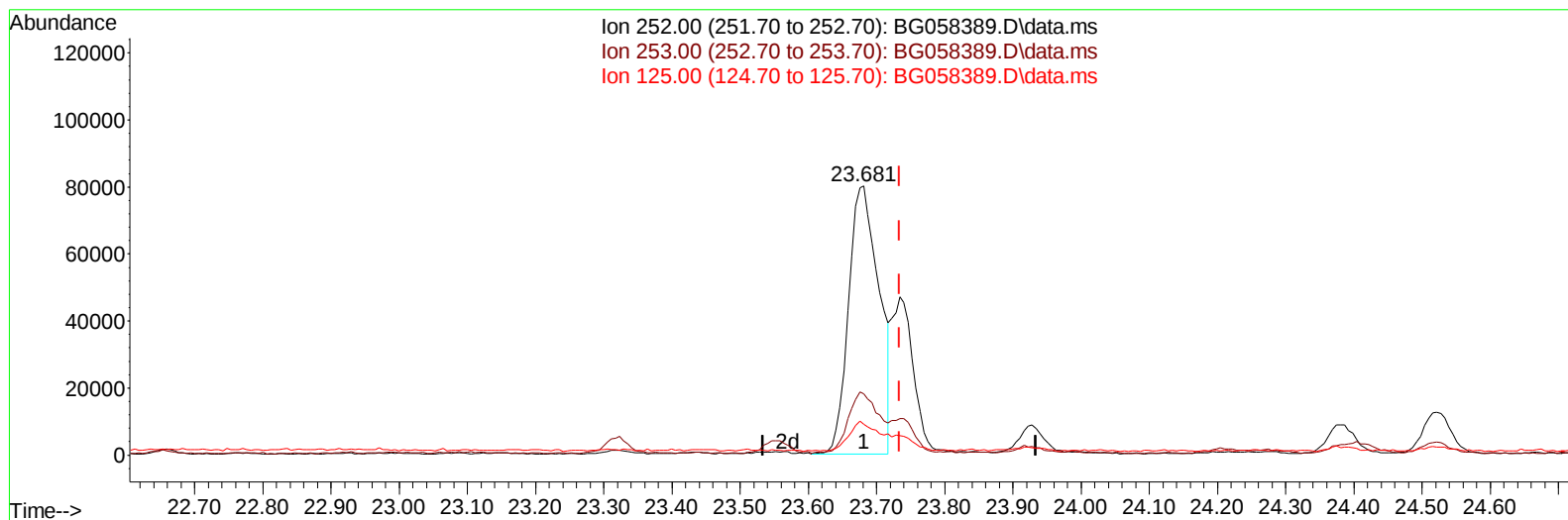
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058389.D
 Acq On : 21 Jul 2023 15:57
 Operator : CG/JU
 Sample : 03504-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 00:25:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058389.D\data.ms

(91) Benzo(k)fluoranthene

23.681min (-0.052) 15.37 ng/u1

response 248442

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	22.88
125.00	9.20	11.36#
0.00	0.00	0.00

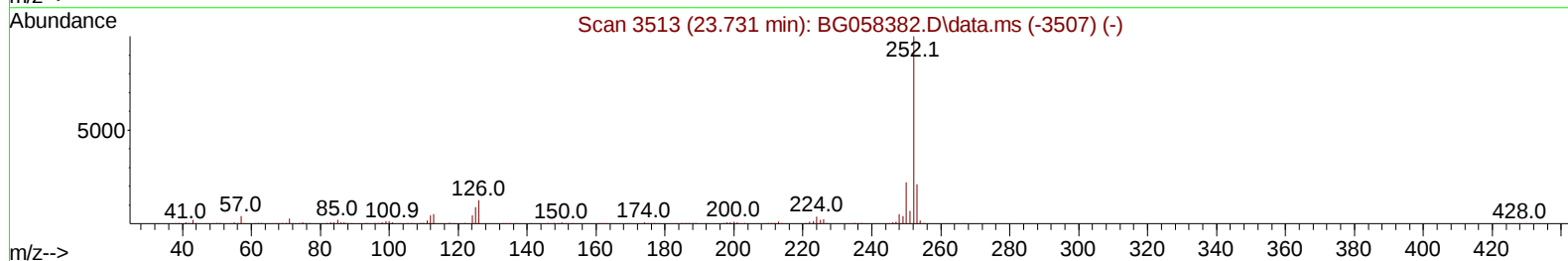
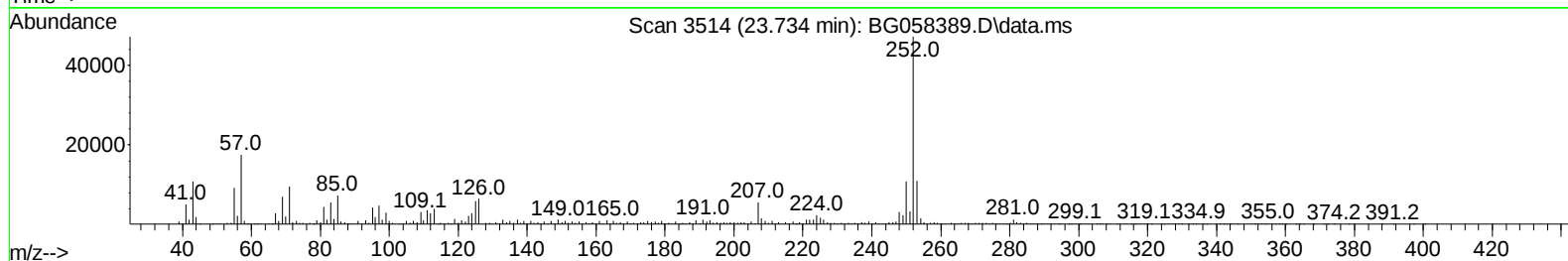
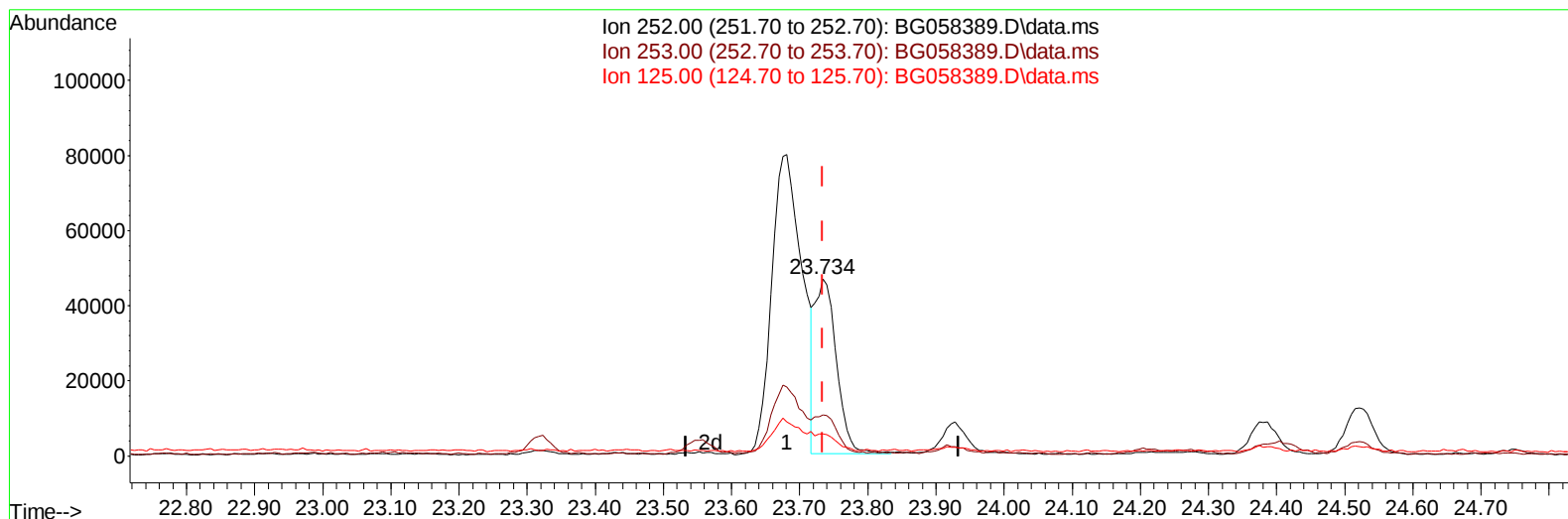
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(91) Benzo(k)fluoranthene

23.734min (+ 0.001) 6.33 ng/ul m

response 102300

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.32
125.00	9.20	12.37#
0.00	0.00	0.00

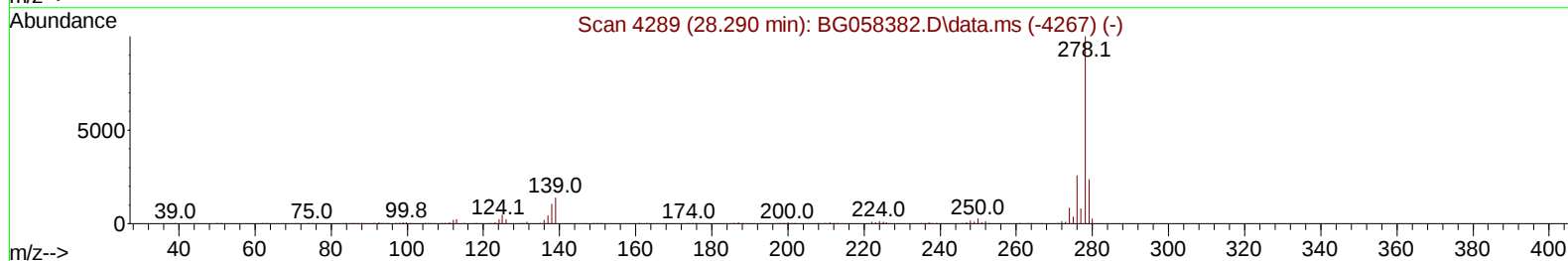
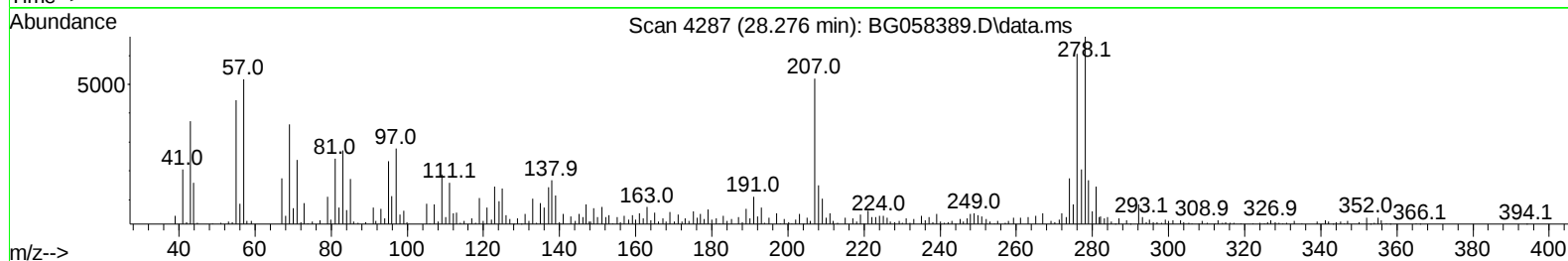
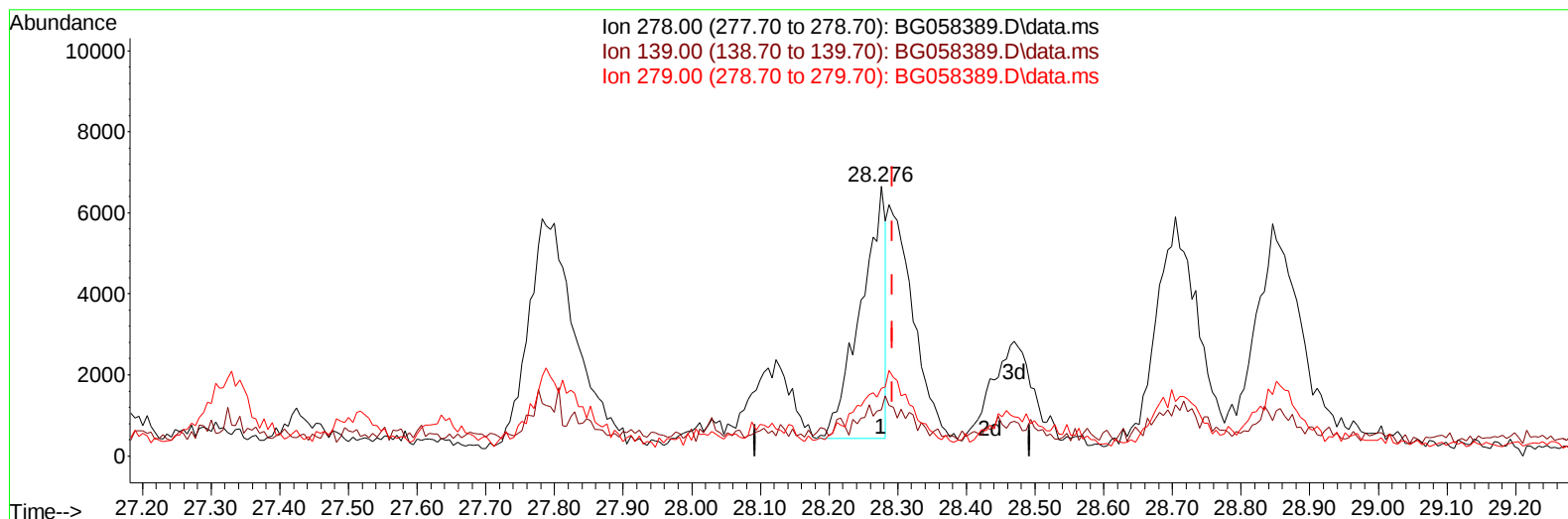
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Acq On : 21 Jul 2023 15:57
Operator : CG/JU
Sample : 03504-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46S8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 00:25:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration



TIC: BG058389.D\data.ms

(95) Dibenzo(a,h)anthracene

28.276min (-0.017) 1.01 ng/u1

response 15688

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	17.22#
279.00	23.00	25.13
0.00	0.00	0.00

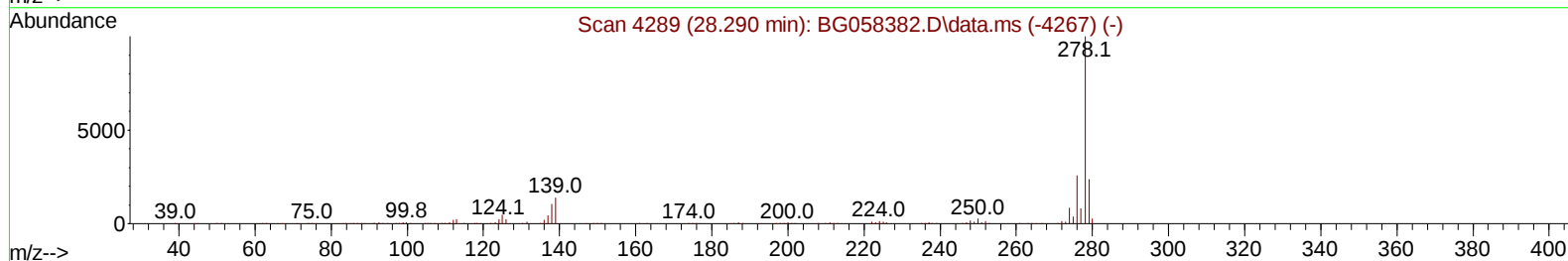
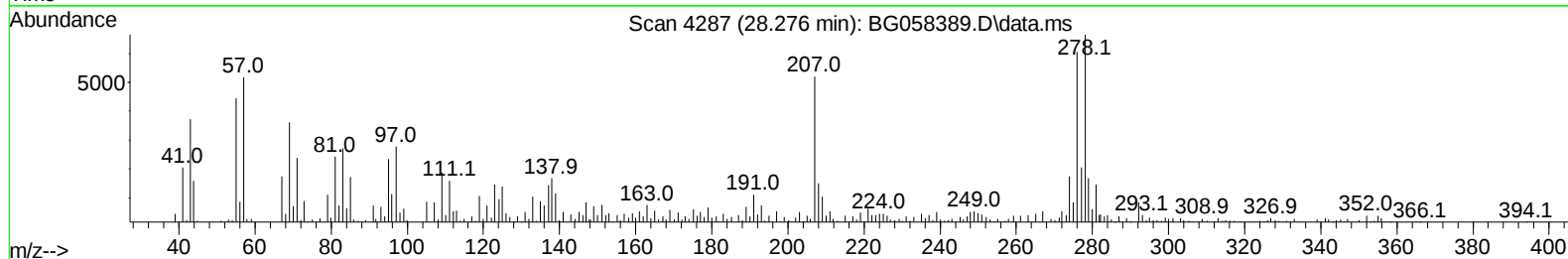
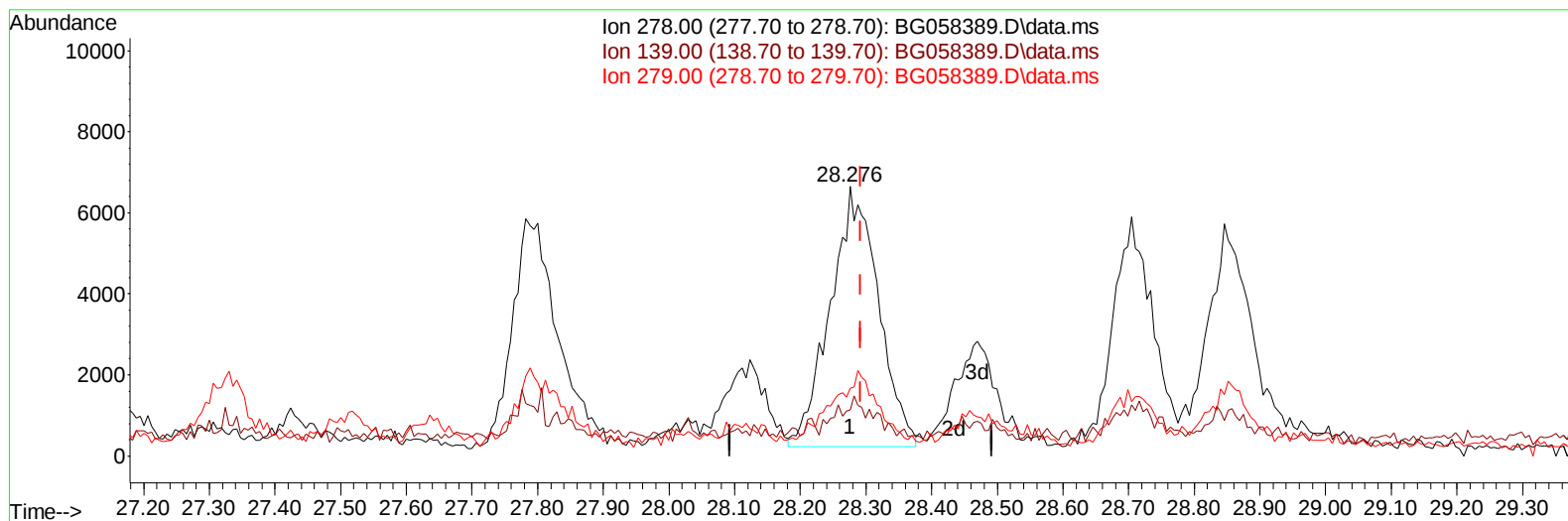
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 Operator : CG/JU
 Sample : 03504-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG058389.D\data.ms

(95) Dibenzo(a,h)anthracene

28.276min (-0.017) 2.09 ng/u1 m

response 32562

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	17.22#
279.00	23.00	25.13
0.00	0.00	0.00

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 Sample : 03504-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A46S8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 00:26:19 2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.900	152		50425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136		210857	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164		136514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188		284623	20.000	ng/ul	0.00
79) Chrysene-d12	21.537	240		228225	20.000	ng/ul	0.00
88) Perylene-d12	24.674	264		280063	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.346	96		3563	2.601	ng/uL	0.00
4) Pyridine-d5	3.752	84		51234	12.599	ng/ul	0.00
7) Phenol-d5	7.065	99		44620	9.328	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67		45451	15.202	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132		38370	11.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113		2562	0.702	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128		25082	15.870	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143		26091	15.121	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.326	165		25600	7.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131		382	0.080	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166		158800	15.085	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160		169251	15.342	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143		17218	10.830	ng/ul	0.00
60) Fluorene-d10	15.526	176		145198	16.660	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200		5179	3.571	ng/ul	0.00
73) Anthracene-d10	17.383	188		141699	11.522	ng/ul	0.00
81) Pyrene-d10	19.668	212		147175	10.918	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264		54099	3.997	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Bis(2-Chloroethyl)ether	7.318	93		12180	3.201	ng/ul	96
16) Acetophenone	8.716	105		9320	1.500	ng/ul	87
52) Acenaphthene	14.598	153		16689	2.019	ng/ul	95
56) Dibenzofuran	14.938	168		16806	1.428	ng/ul	92
61) Fluorene	15.585	166		19346	2.004	ng/ul#	95
72) Phenanthrene	17.324	178		354372	26.199	ng/ul	99
74) Anthracene	17.412	178		47402	3.491	ng/ul	97
77) Carbazole	17.688	167		16700	1.419	ng/ul	94
80) Fluoranthene	19.339	202		535737	34.693	ng/ul	99
82) Pyrene	19.703	202		250667	16.020	ng/ul	99
85) Benzo(a)anthracene	21.513	228		214705	13.996	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149		23359	2.665	ng/ul#	86
87) Chrysene	21.584	228		217028	14.915	ng/ul	98
90) Benzo(b)fluoranthene	23.681	252		248442	15.332	ng/ul#	97
91) Benzo(k)fluoranthene	23.734	252		102300m	6.330	ng/ul	
93) Benzo(a)pyrene	24.521	252		35118	2.437	ng/ul#	80
94) Indeno(1,2,3-cd)pyrene	28.241	276		56619	2.982	ng/ul	97
95) Dibenzo(a,h)anthracene	28.276	278		32562m	2.091	ng/ul	

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

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