

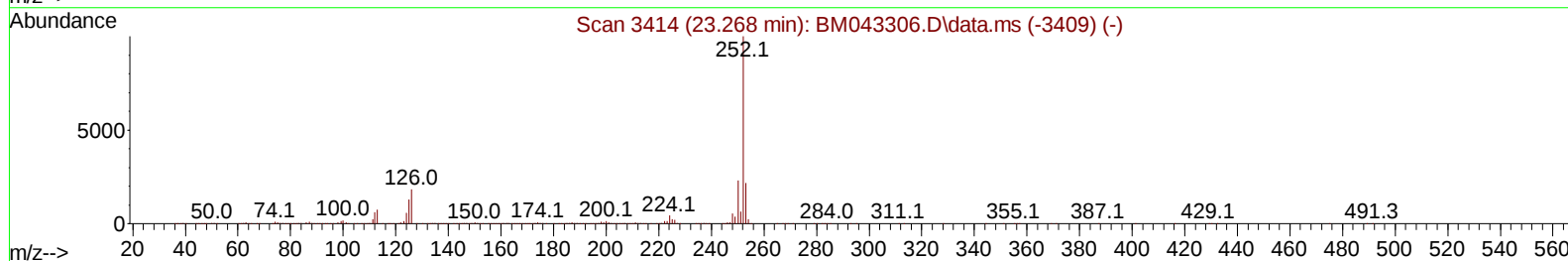
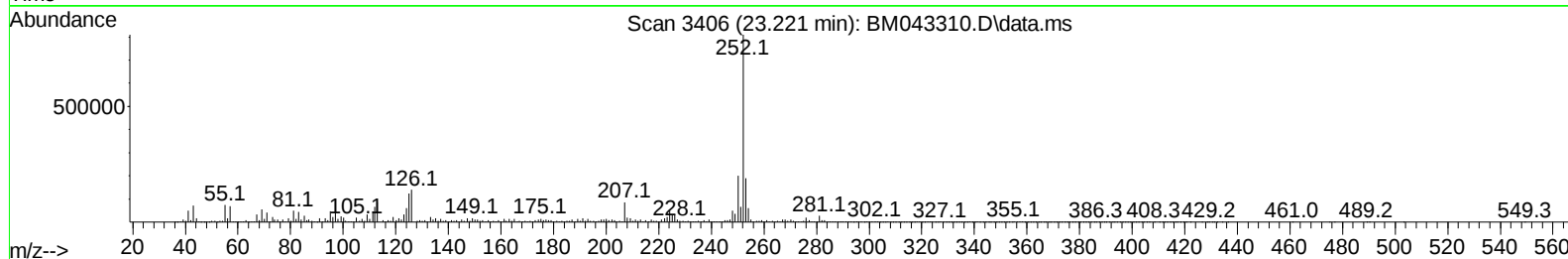
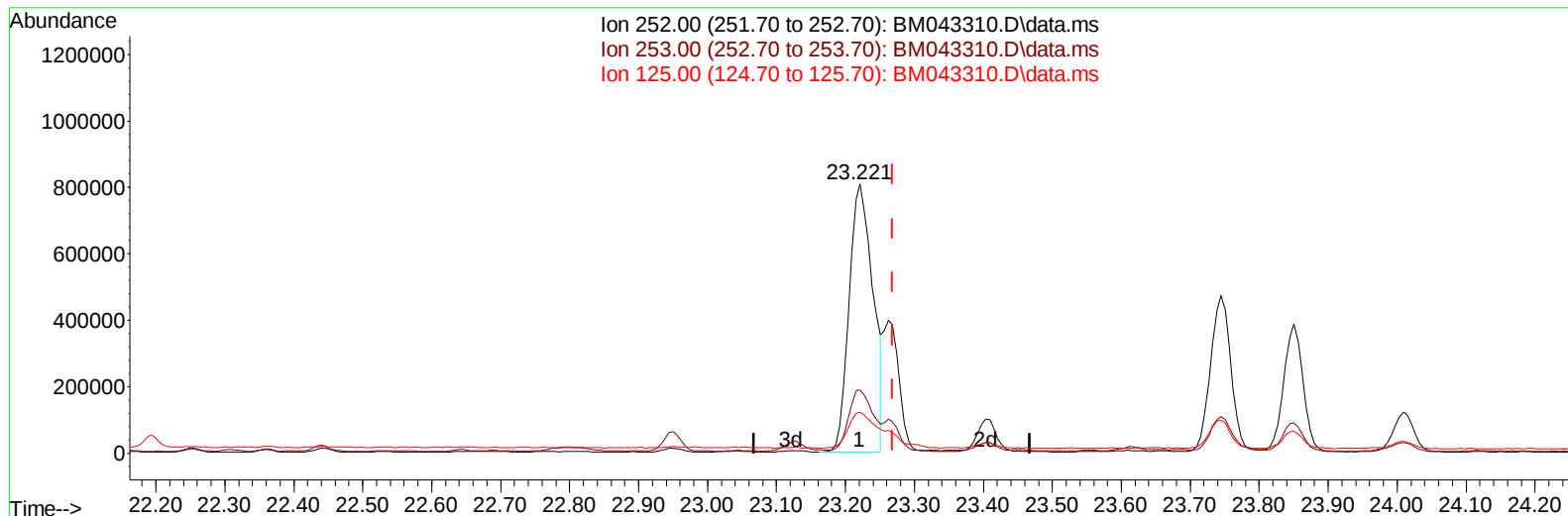
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043310.D
 Acq On : 13 Dec 2023 20:25
 Operator : MA/JU
 Sample : 05690-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 22:58:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/15/2023



TIC: BM043310.D\data.ms

(91) Benzo(k)fluoranthene

23.221min (-0.047) 26.82 ng/u1

response 1940121

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	23.40
125.00	9.60	15.32#
0.00	0.00	0.00

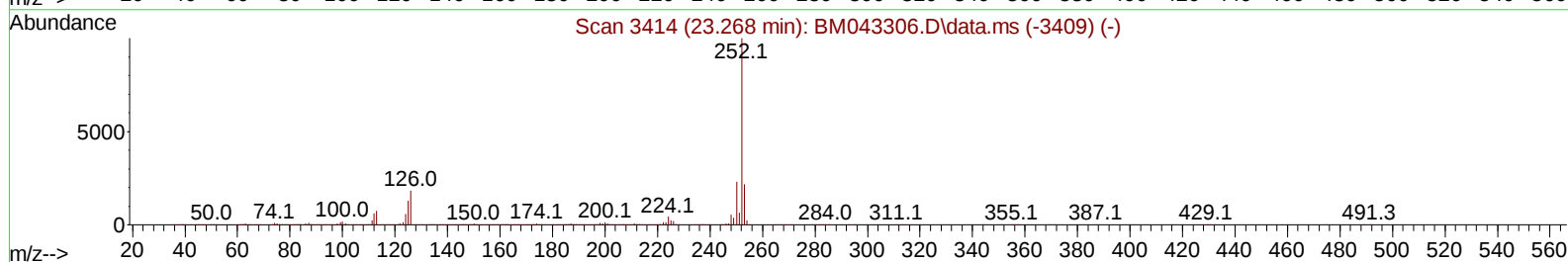
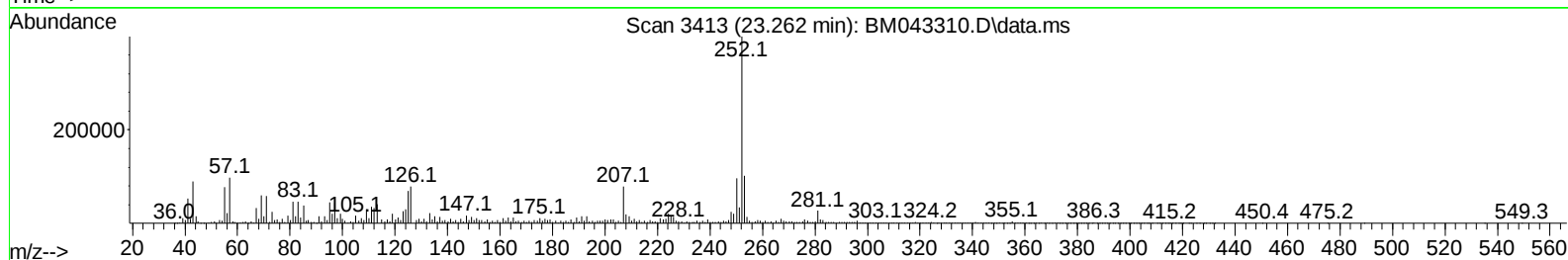
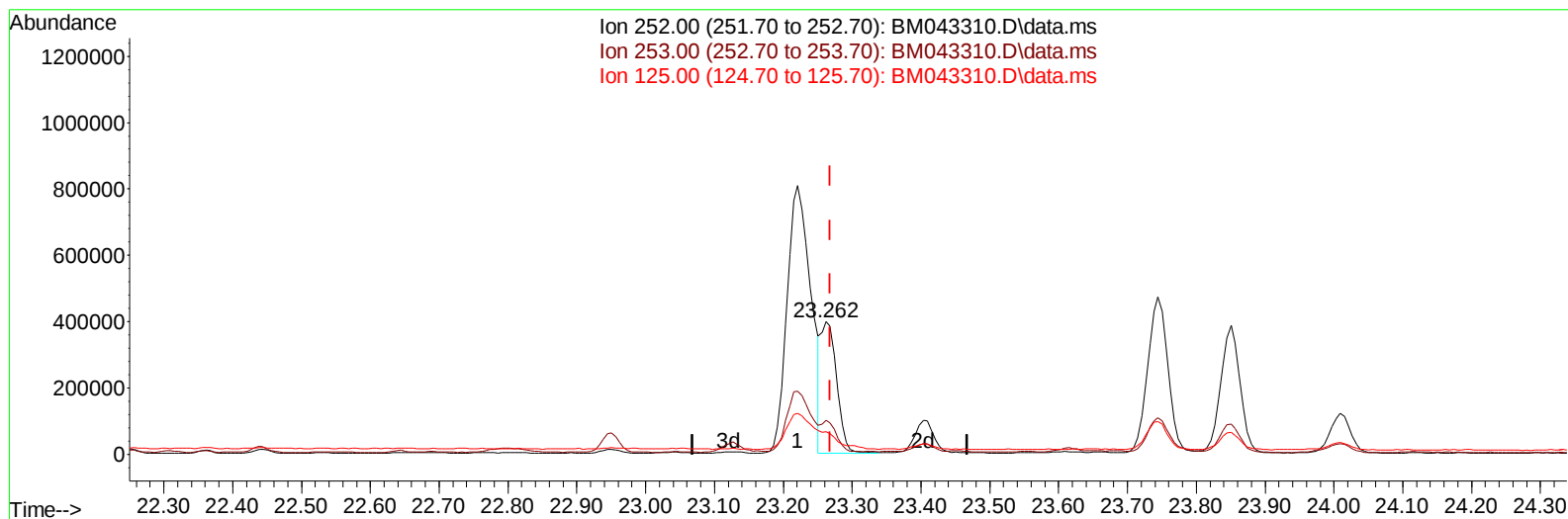
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TIC: BM043310.D\data.ms

(91) Benzo(k)fluoranthene

23.262min (-0.006) 8.63 ng/ul m

response 624382

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	25.61
125.00	9.60	17.25#
0.00	0.00	0.00

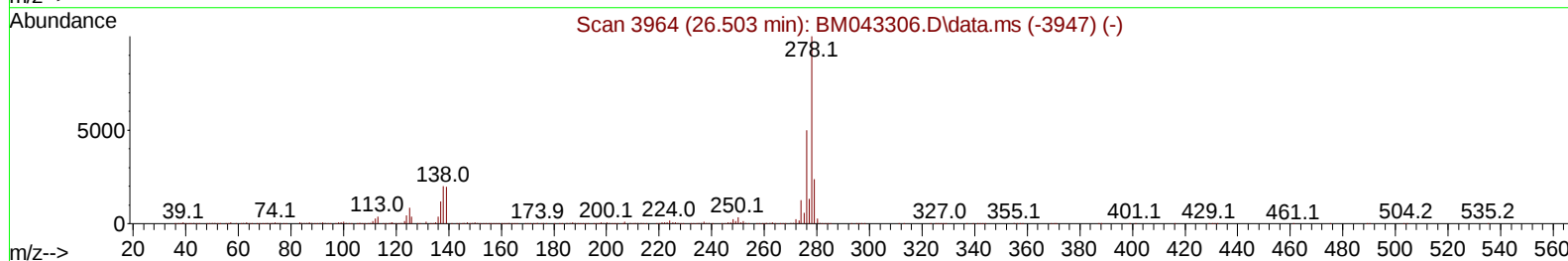
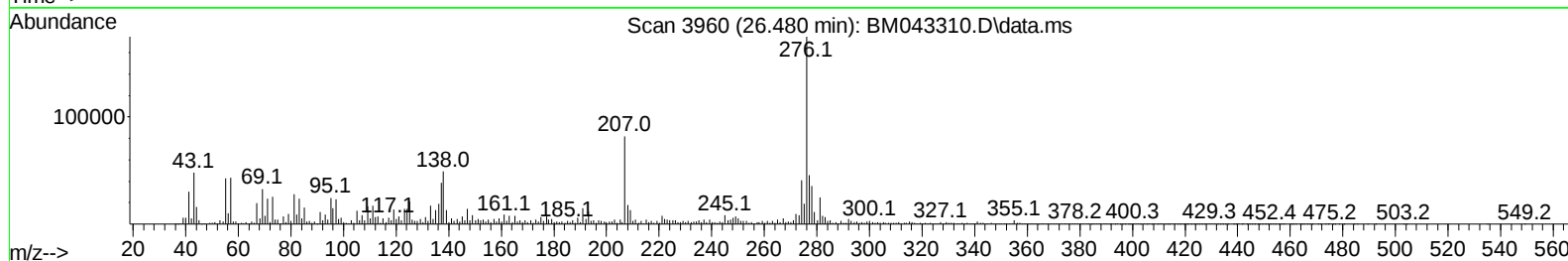
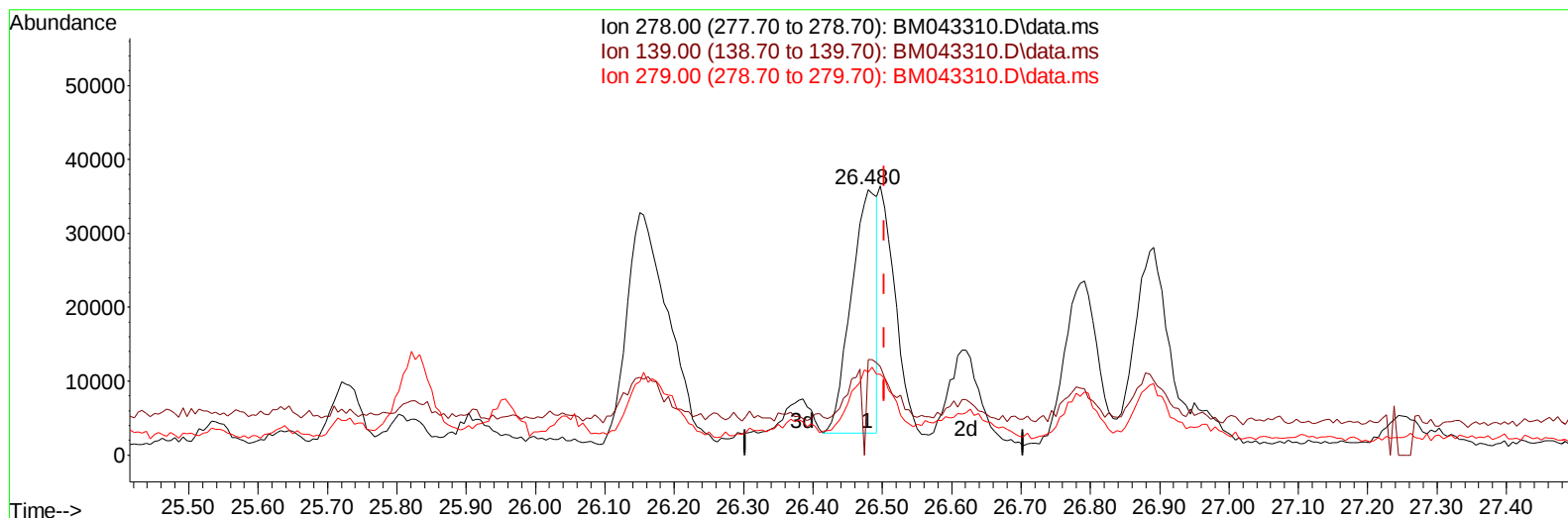
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TIC: BM043310.D\data.ms

(95) Dibenzo(a,h)anthracene

26.480min (-0.023) 1.31 ng/u1

response 83859

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.90	36.01#
279.00	24.30	31.20#
0.00	0.00	0.00

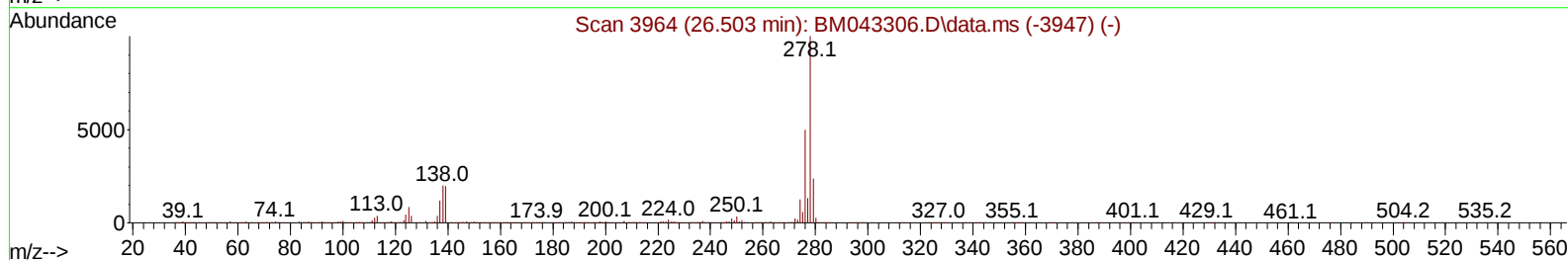
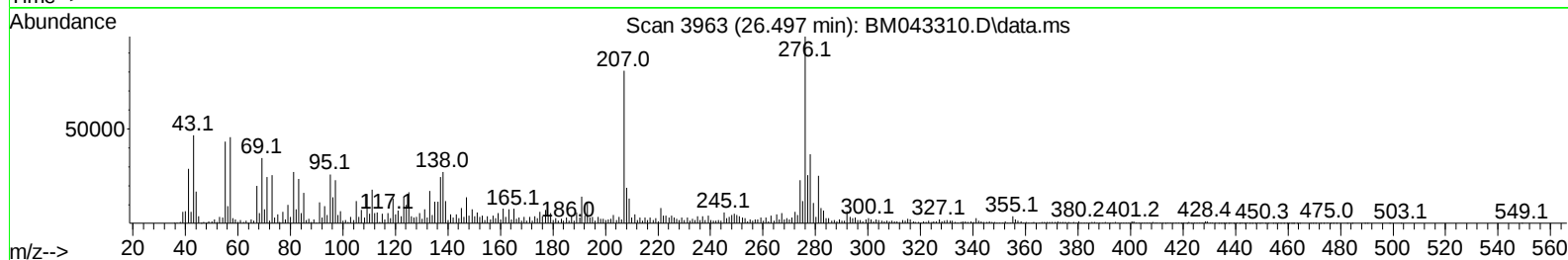
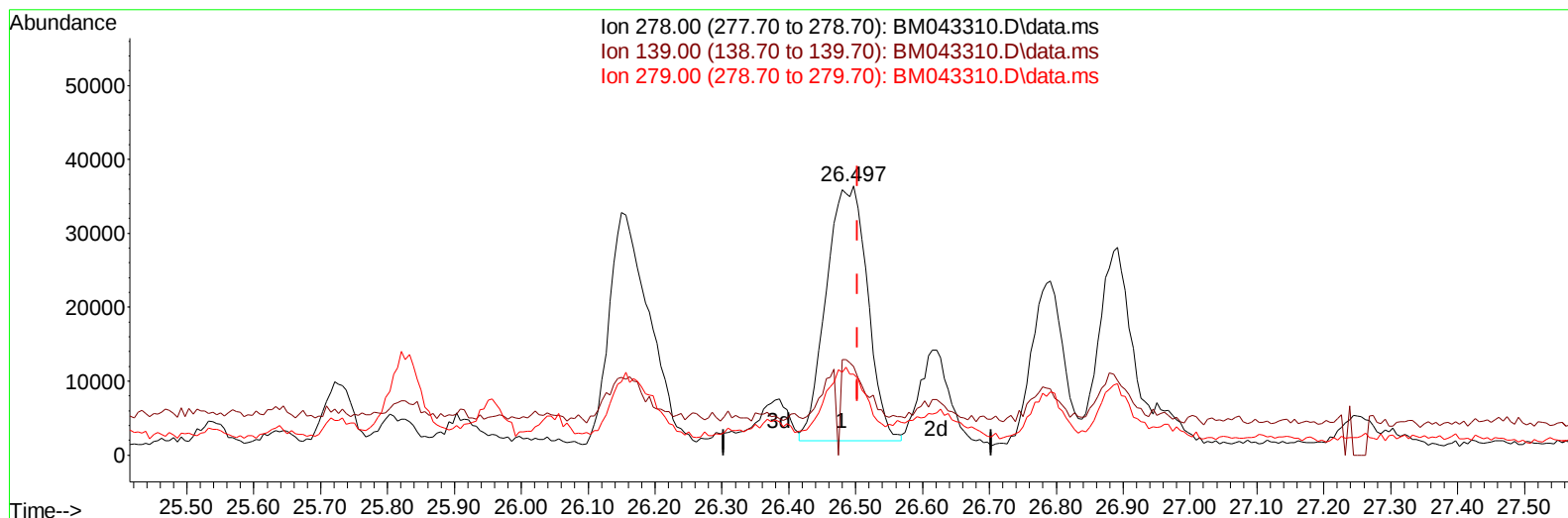
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TIC: BM043310.D\data.ms

(95) Dibenzo(a,h)anthracene

26.497min (-0.006) 2.30 ng/ul m

response 147019

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.90	32.95#
279.00	24.30	30.04#
0.00	0.00	0.00

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Quant Time: Dec 13 22:59:09 2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152		316280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136		1443018	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164		836364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188		1599399	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240		1073316	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264		1018136	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.399	96		42623	5.289	ng/uL	0.00
4) Pyridine-d5	3.816	84		414202	17.322	ng/ul	0.00
7) Phenol-d5	7.157	99		995758	31.712	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67		616308	31.706	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132		756512	31.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113		774655	31.184	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128		387944	31.542	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143		397655	33.528	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165		753048	28.486	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131		751485	19.757	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166		2269862	30.960	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160		2700360	31.836	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143		372495	28.354	ng/ul	0.00
60) Fluorene-d10	15.616	176		2017691	31.571	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200		80537	9.149	ng/ul	0.00
73) Anthracene-d10	17.463	188		2983147	34.476	ng/ul	0.00
81) Pyrene-d10	19.751	212		3025060	44.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264		2071268	34.864	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.857	128		232691	2.627	ng/ul	99
36) 2-Methylnaphthalene	12.463	142		127731	2.004	ng/ul	98
37) 1-Methylnaphthalene	12.675	142		109776	1.697	ng/ul	97
50) Acenaphthylene	14.351	152		176759	1.844	ng/ul	96
52) Acenaphthene	14.686	153		602072	9.521	ng/ul	100
61) Fluorene	15.669	166		557557	7.457	ng/ul	99
72) Phenanthrene	17.410	178		3111682	31.199	ng/ul	99
74) Anthracene	17.498	178		4638516	46.170	ng/ul	99
80) Fluoranthene	19.421	202		8778722	111.433	ng/ul#	95
82) Pyrene	19.780	202		7481476	91.294	ng/ul	94
85) Benzo(a)anthracene	21.521	228		1397894	16.987	ng/ul	97
87) Chrysene	21.574	228		1904319	25.909	ng/ul	98
90) Benzo(b)fluoranthene	23.221	252		1940121	26.708	ng/ul#	93
91) Benzo(k)fluoranthene	23.262	252		624382m	8.630	ng/ul	
93) Benzo(a)pyrene	23.850	252		747941	11.139	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.474	276		563167	7.363	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.497	278		147019m	2.299	ng/ul	
96) Benzo(g,h,i)perylene	27.244	276		476556	8.270	ng/ul#	89

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

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