Quantitation Report (Qedit)

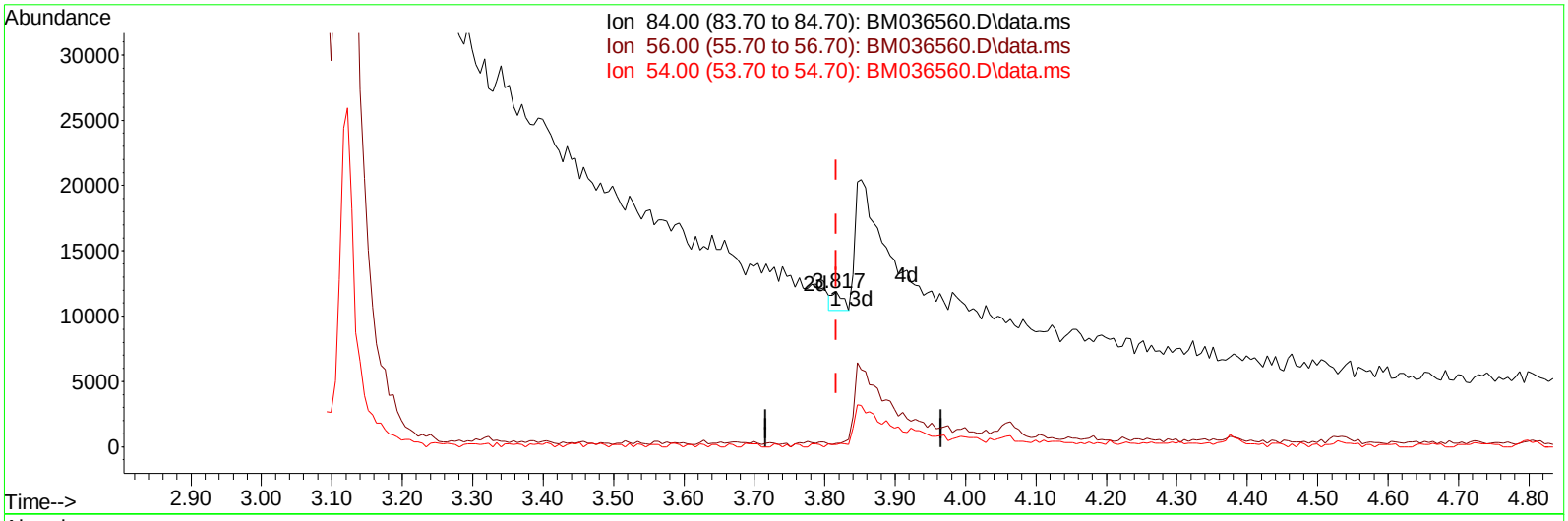
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036560.D
Acq On : 16 Sep 2022 13:35
Operator : CG/JU
Sample : N4601-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

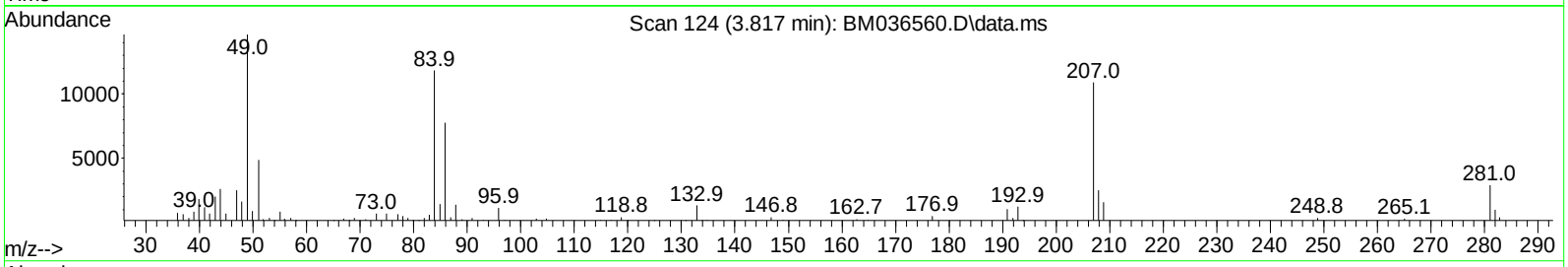
Quant Time: Sep 16 22:58:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

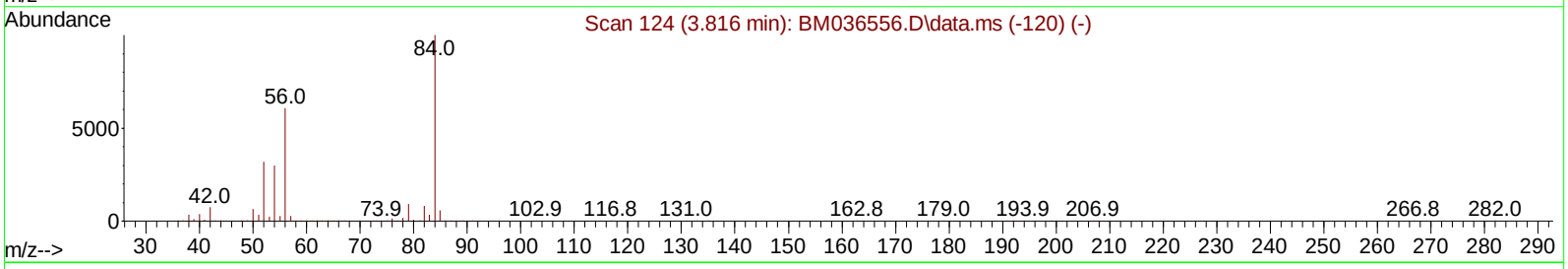
Instrument :
BNA_M
ClientSampleId :
A5744

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036560.D\data.ms

(4) Pyridine-d5 (S)

3.817min (+ 0.001) 0.05 ng/ul

response 1586

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.90	2.46#
54.00	30.90	1.34#
0.00	0.00	0.00

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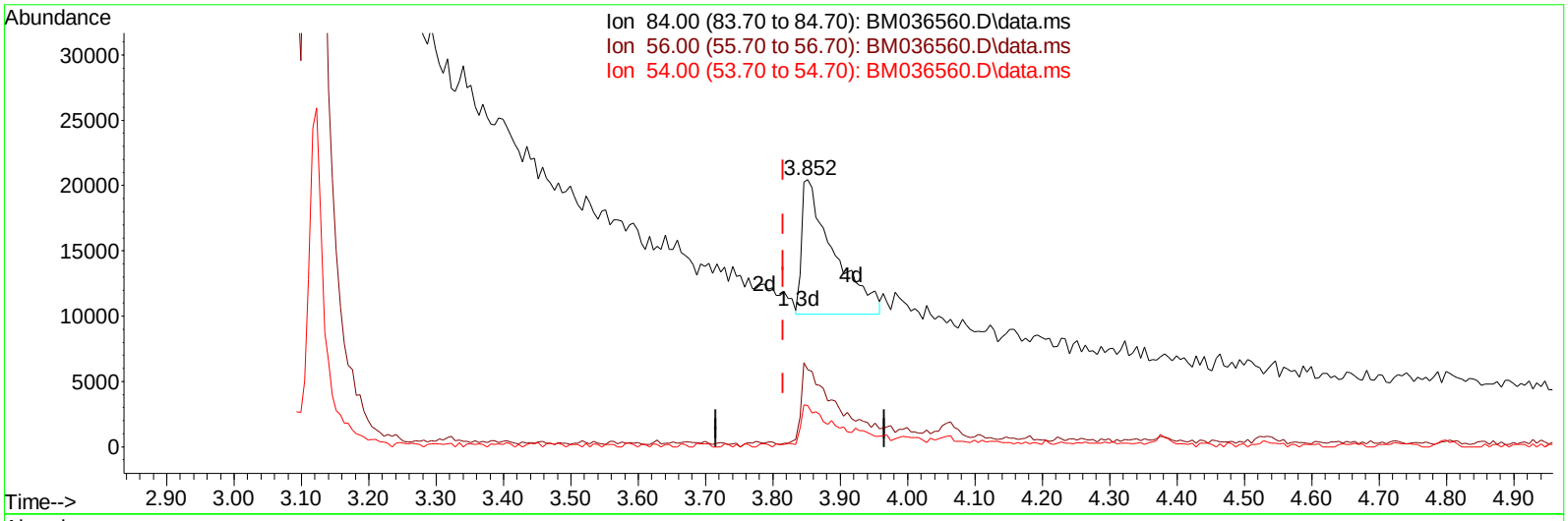

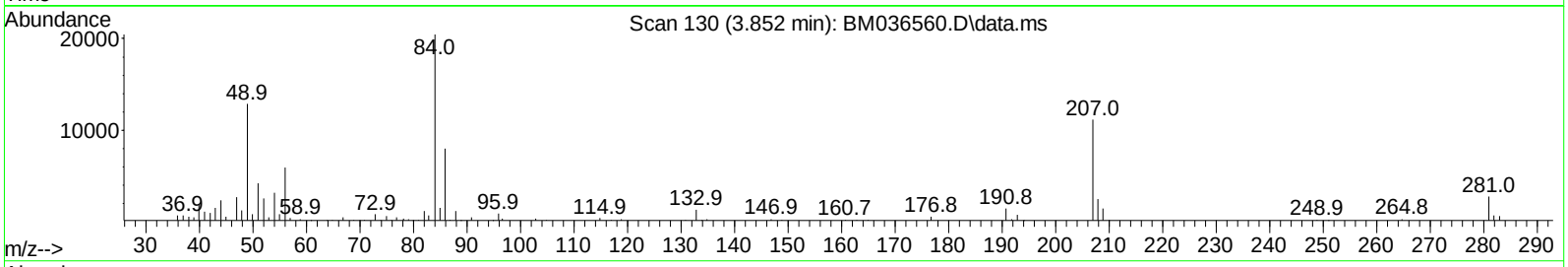

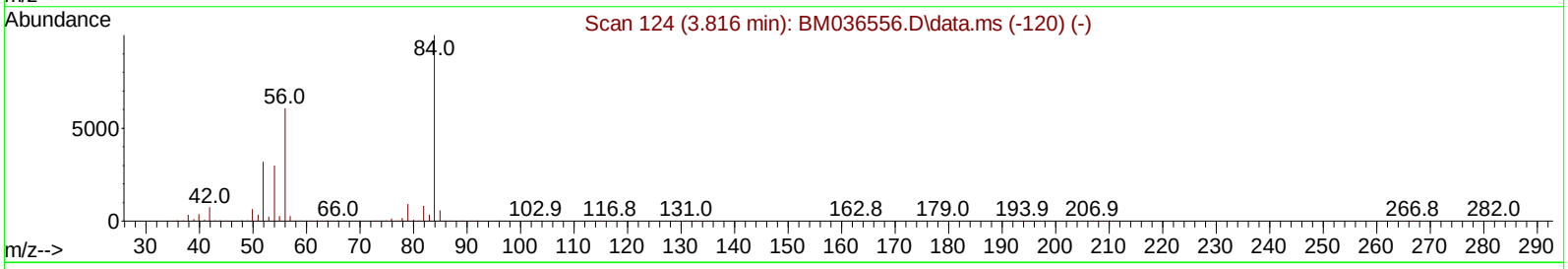

TIC: BM036560.D\data.ms

(4) Pyridine-d5 (S)

3.852min (+ 0.036) 1.03 ng/ul m

response 33887

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.90	28.86#
54.00	30.90	15.41#
0.00	0.00	0.00

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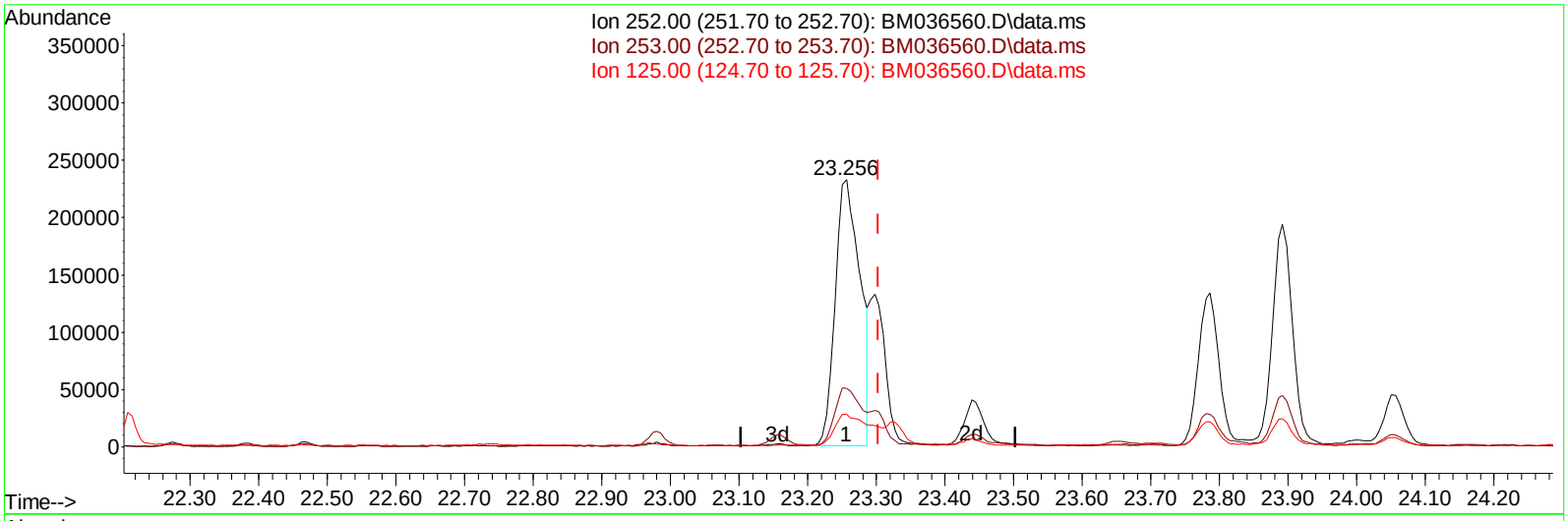

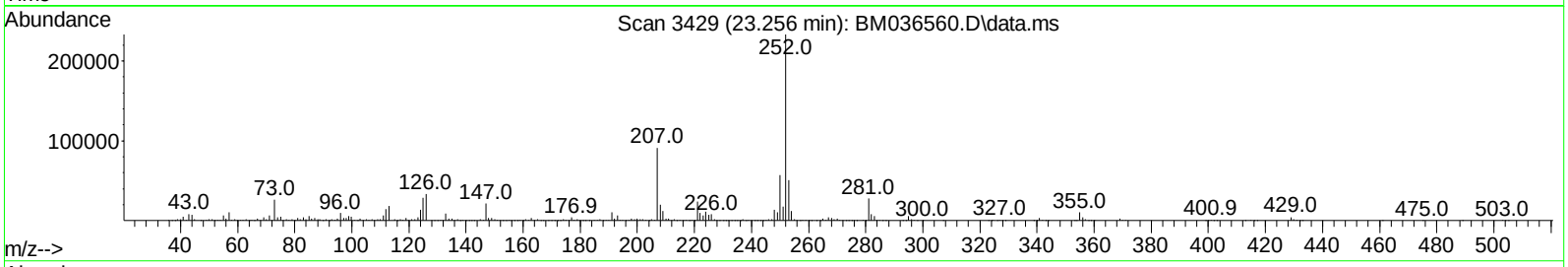

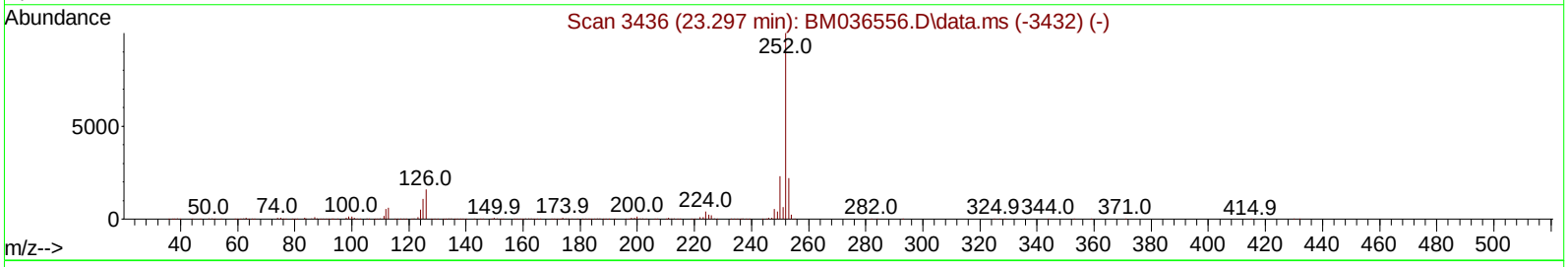

TIC: BM036560.D\data.ms

(91) Benzo(k)fluoranthene

23.256min (-0.047) 3.53 ng/ul

response 586379

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.72
125.00	10.30	12.15
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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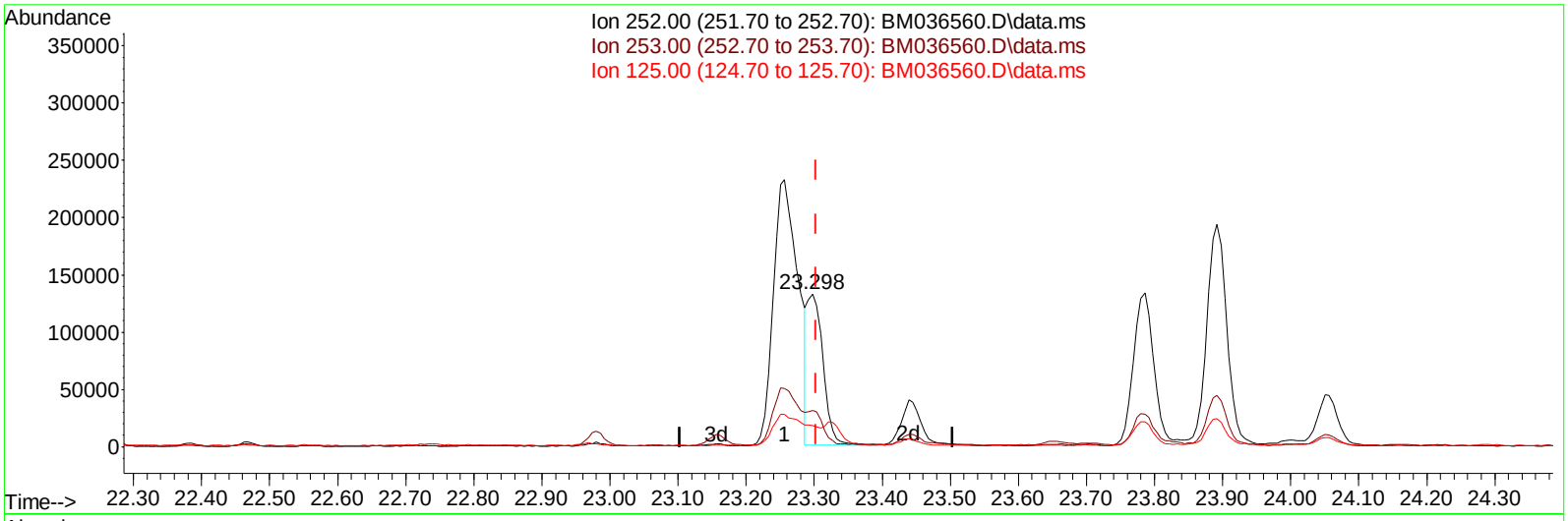

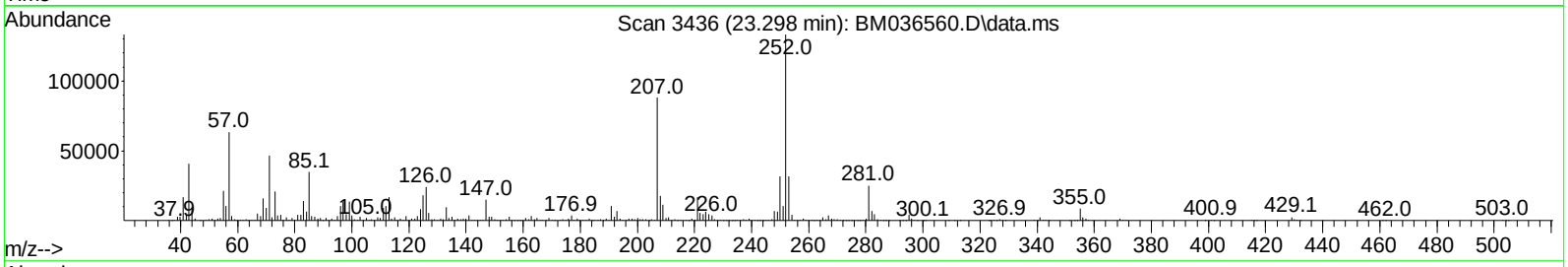

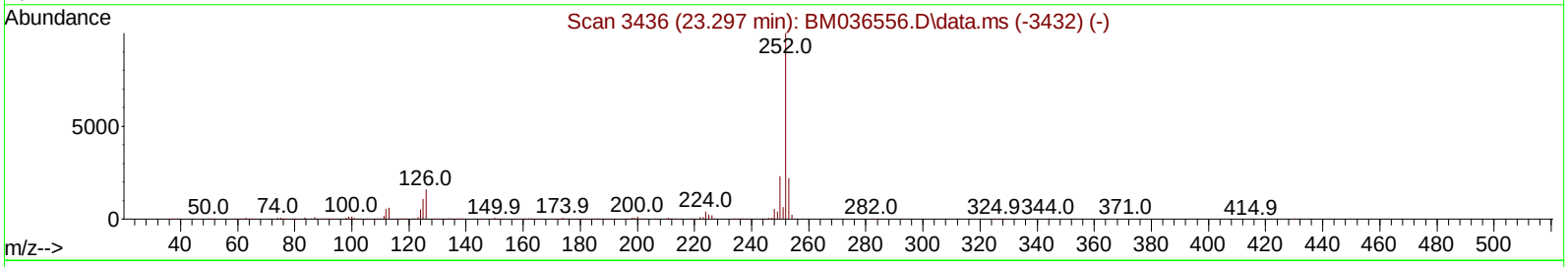

TIC: BM036560.D\data.ms

(91) Benzo(k)fluoranthene

23.298min (-0.006) 1.27 ng/ul m

response 210229

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.96
125.00	10.30	13.69#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	424286	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.834	136	1824803	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.645	164	1152125	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2435472	20.000	ng/ul	-0.01
79) Chrysene-d12	21.551	240	2522704	20.000	ng/ul	0.00
88) Perylene-d12	24.003	264	2618281	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	33082	2.923	ng/uL	0.00
4) Pyridine-d5	3.852	84	33887m	1.027	ng/ul	0.04
7) Phenol-d5	7.163	99	621402	16.389	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	403105	17.506	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.540	132	499133	18.285	ng/ul	-0.01
15) 4-Methylphenol-d8	8.716	113	460183	16.426	ng/ul	-0.02
21) Nitrobenzene-d5	9.181	128	229247	18.561	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.910	143	209891	18.972	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	457092	17.828	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.963	131	478976	11.236	ng/ul	-0.01
46) Dimethylphthalate-d6	14.057	166	1492142	19.203	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1742417	18.904	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.816	143	211830	14.055	ng/ul	-0.01
60) Fluorene-d10	15.633	176	1362718	19.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	119793	12.432	ng/ul	-0.01
73) Anthracene-d10	17.480	188	2042858	18.345	ng/ul	0.00
81) Pyrene-d10	19.763	212	2622556	21.131	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2596762	20.300	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.422	178	353624	2.636	ng/ul	99
80) Fluoranthene	19.433	202	839771	5.522	ng/ul	99
82) Pyrene	19.792	202	782214	4.859	ng/ul	98
85) Benzo(a)anthracene	21.539	228	387146	2.449	ng/ul	94
87) Chrysene	21.592	228	425472	2.836	ng/ul	97
90) Benzo(b)fluoranthene	23.256	252	586379	3.532	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	210229m	1.267	ng/ul	
93) Benzo(a)pyrene	23.892	252	386356	2.647	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	272647	1.600	ng/ul	96
96) Benzo(g,h,i)perylene	27.321	276	236088	1.598	ng/ul	97

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

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