Quantitation Report (Qedit)

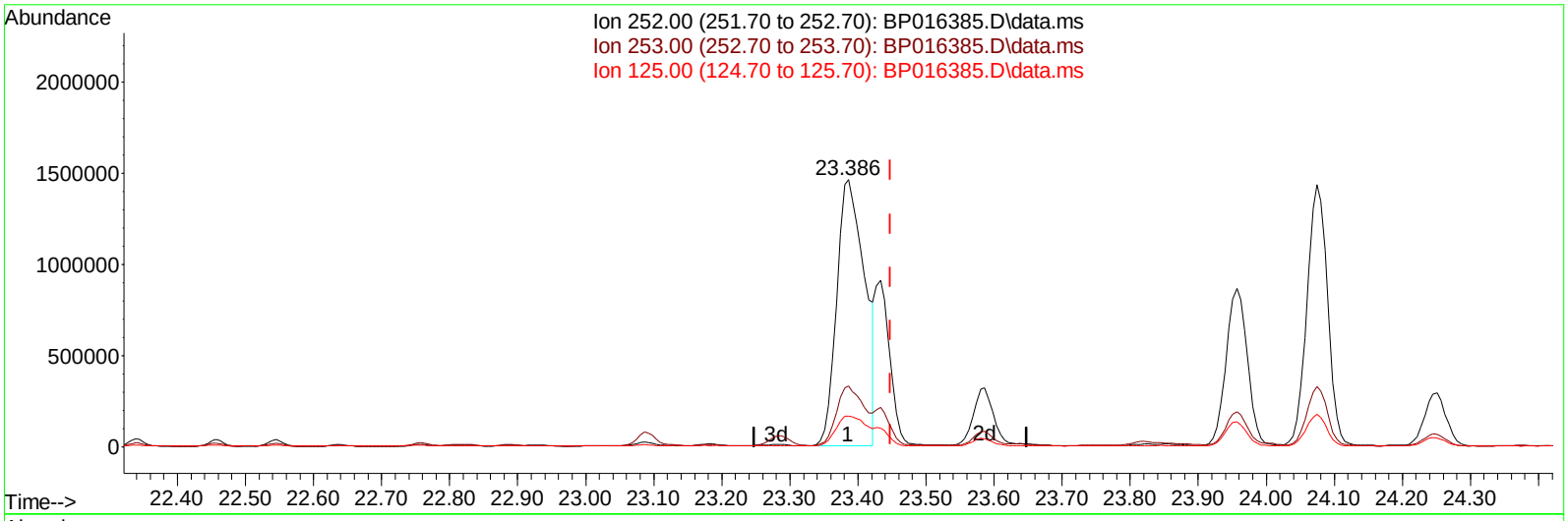
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016385.D
Acq On : 26 Jul 2023 20:57
Operator : MA/JU
Sample : 03534-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

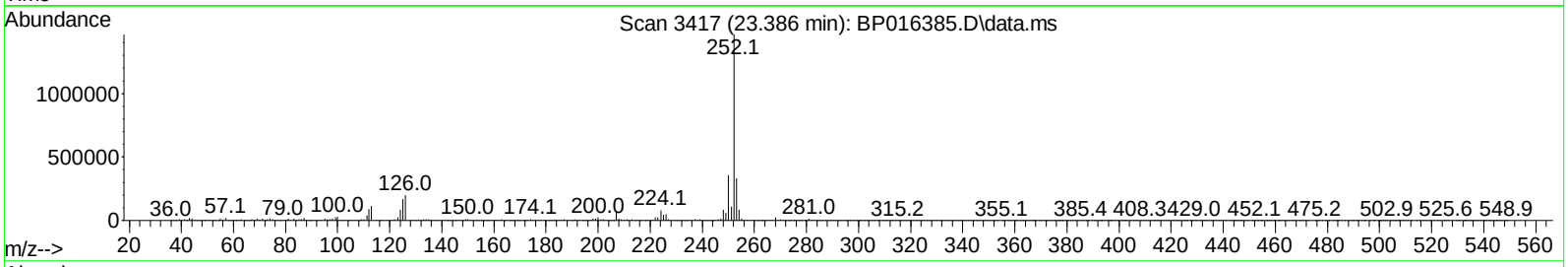
Quant Time: Jul 27 00:17:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

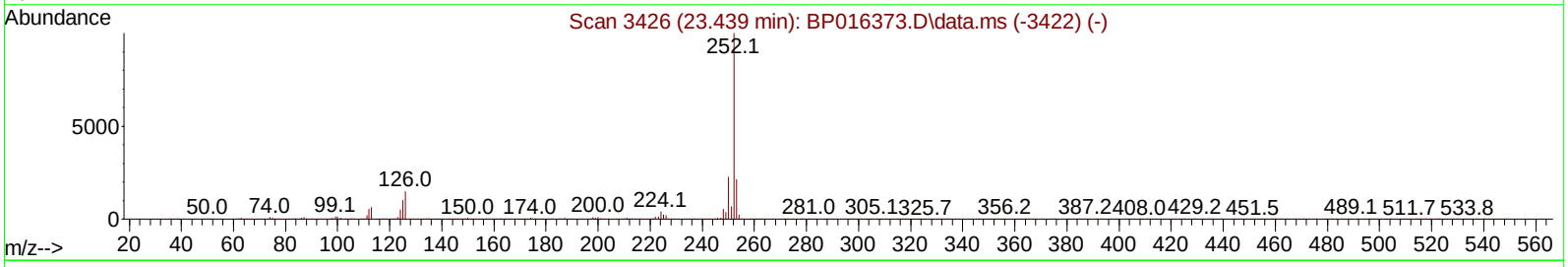
Instrument :
BNA_P
ClientSampleId :
A4733

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023







TIC: BP016385.D\data.ms

(91) Benzo(k)fluoranthene

23.386min (-0.062) 39.80 ng/ul

response 4173716

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.71
125.00	11.30	11.46
0.00	0.00	0.00

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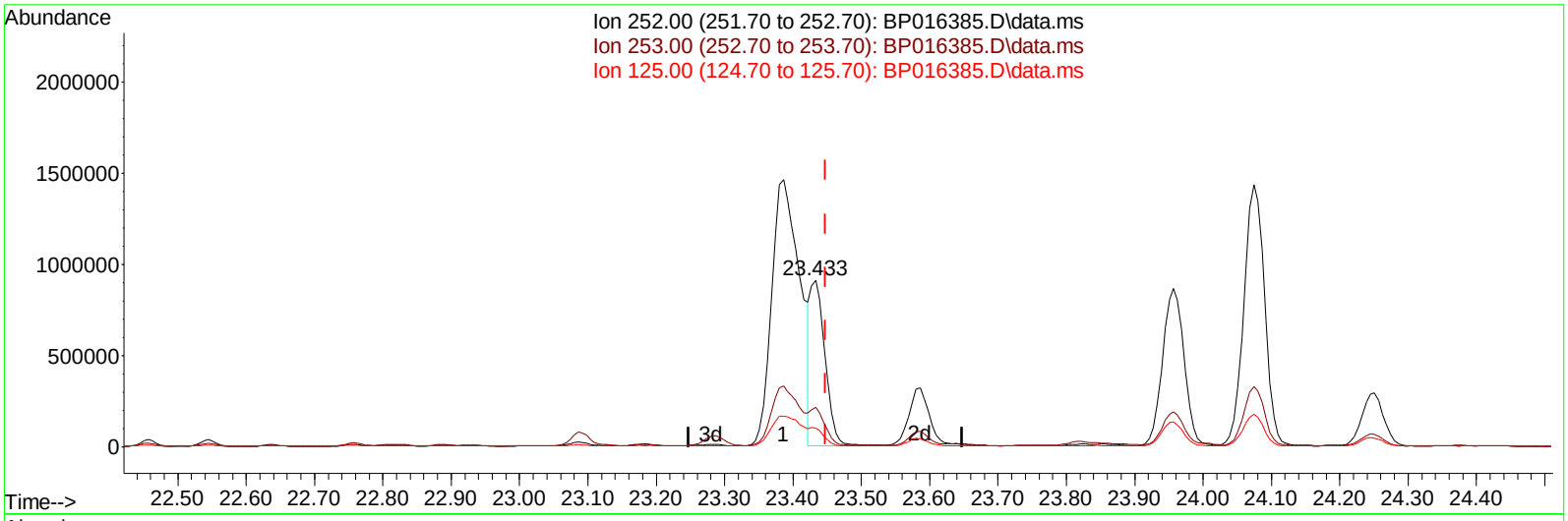

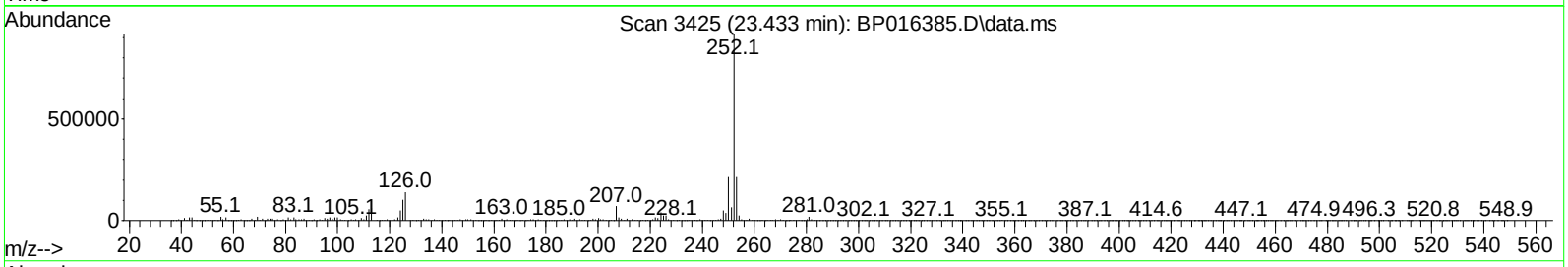

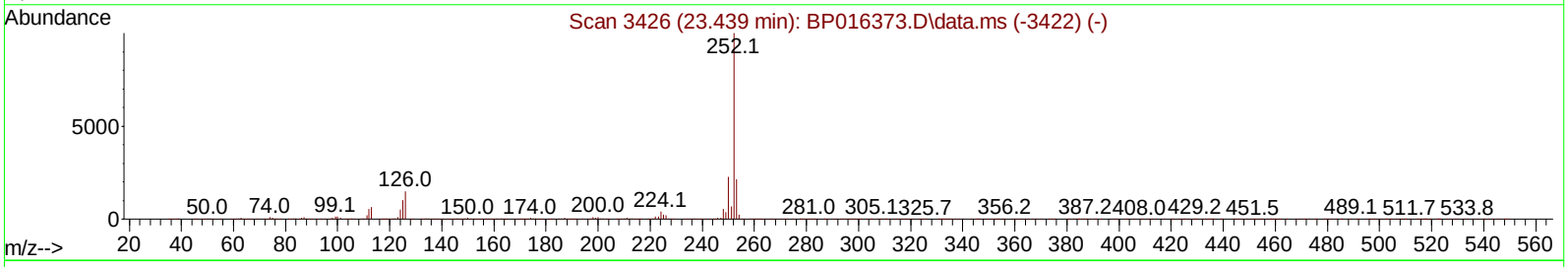

TIC: BP016385.D\data.ms

(91) Benzo(k)fluoranthene

23.433min (-0.015) 13.05 ng/ul m

response 1368151

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.49
125.00	11.30	11.11
0.00	0.00	0.00

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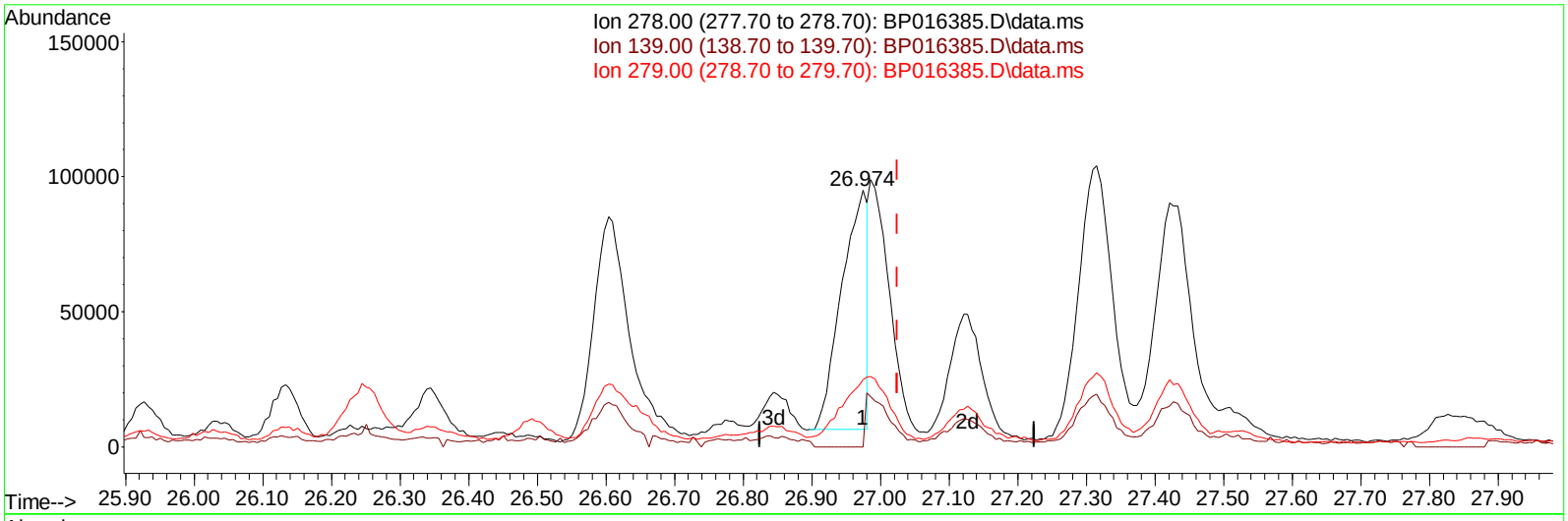

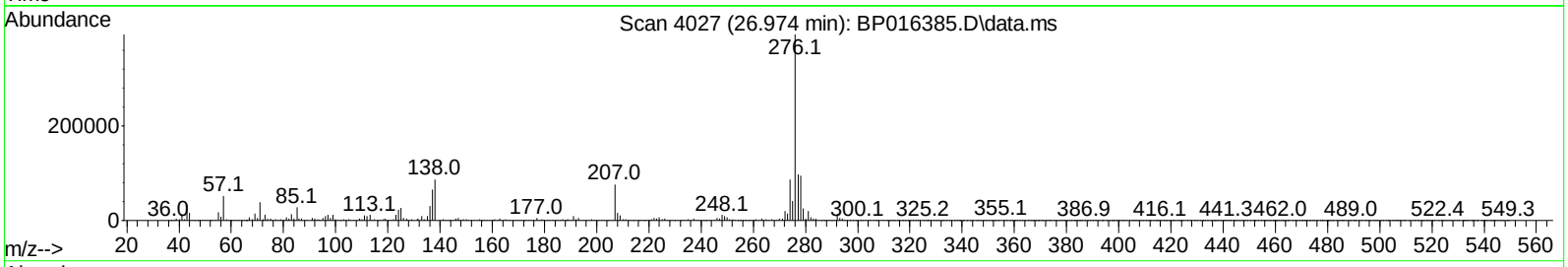

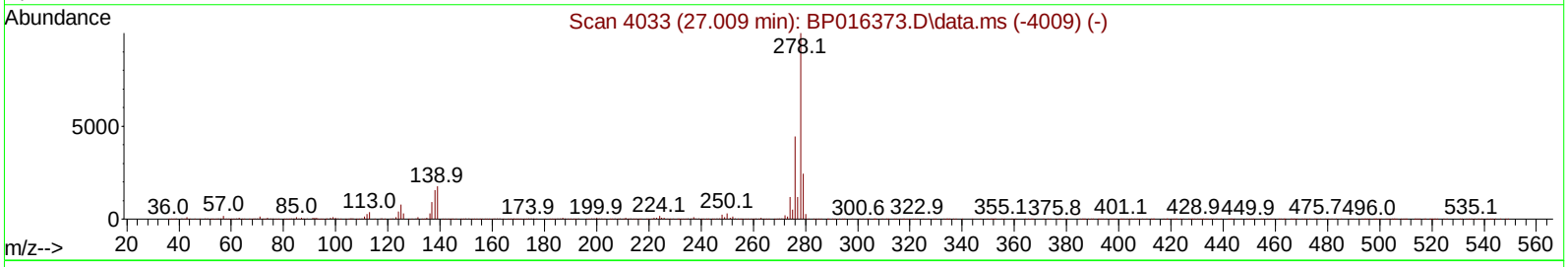

TIC: BP016385.D\data.ms

(95) Dibenzo(a,h)anthracene

26.974min (-0.050) 2.42 ng/ul

response 229633

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.70	0.00#
279.00	24.30	26.08
0.00	0.00	0.00

Quantitation Report (Qedit)

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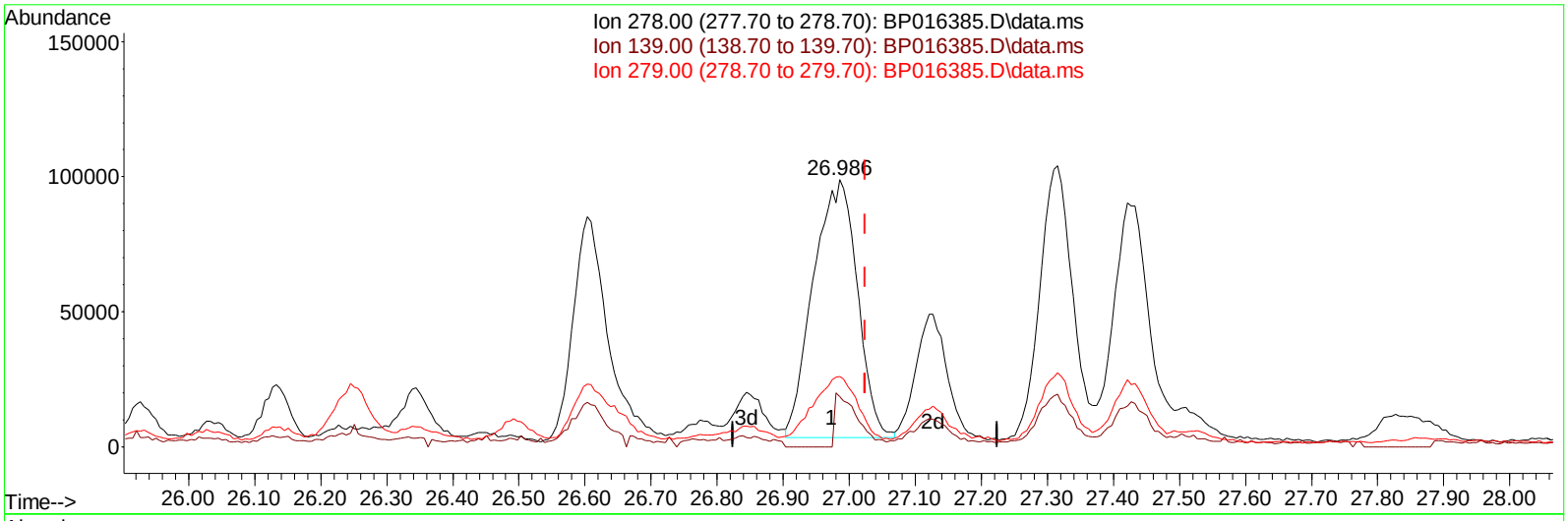

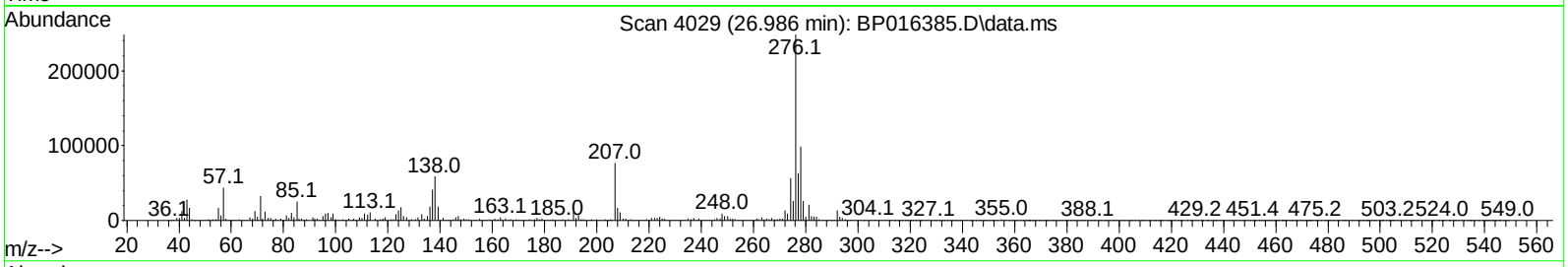

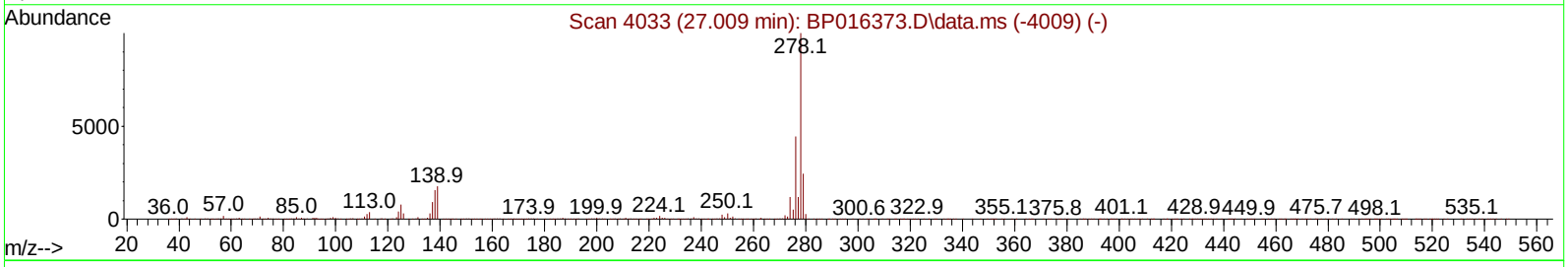

TIC: BP016385.D\data.ms

(95) Dibenzo(a,h)anthracene

26.986min (-0.038) 4.66 ng/ul m

response 441282

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.70	18.85
279.00	24.30	26.39
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	8.093	152	452869	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	1941398	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	1164448	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	2458712	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1865872	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1759670	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	23742	2.067	ng/uL	0.00
4) Pyridine-d5	3.858	84	341760	10.488	ng/ul	0.00
7) Phenol-d5	7.222	99	467150	12.327	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	277190	12.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	356658	12.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	327107	10.733	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	167278	13.993	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	135999	13.794	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	344425	12.603	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	26703	0.628	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1055654	12.387	ng/ul	-0.01
49) Acenaphthylene-d8	14.434	160	1216718	12.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	126560	8.863	ng/ul	0.00
60) Fluorene-d10	15.728	176	940117	12.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	21742	2.685	ng/ul	0.00
73) Anthracene-d10	17.598	188	1353454	12.427	ng/ul	0.00
81) Pyrene-d10	19.827	212	1574809	14.864	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1106667	13.035	ng/ul	-0.02
Target Compounds						Qvalue
8) Phenol	7.252	94	69343	1.760	ng/ul	98
16) Acetophenone	8.940	105	177492	3.690	ng/ul	99
47) Dimethylphthalate	14.192	163	115119	1.339	ng/ul	100
50) Acenaphthylene	14.463	152	781597	6.814	ng/ul	99
52) Acenaphthene	14.798	153	228491	3.089	ng/ul	97
56) Dibenzofuran	15.134	168	217140	2.145	ng/ul	100
61) Fluorene	15.786	166	838222	10.192	ng/ul	98
72) Phenanthrene	17.545	178	10832465	84.666	ng/ul	98
74) Anthracene	17.633	178	2629350	20.175	ng/ul	99
77) Carbazole	17.904	167	216415	1.929	ng/ul	96
80) Fluoranthene	19.504	202	11310759	89.062	ng/ul	99
82) Pyrene	19.857	202	11207314	85.417	ng/ul	99
85) Benzo(a)anthracene	21.574	228	5178720	40.977	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	170257	2.247	ng/ul	98
87) Chrysene	21.633	228	4433583	37.883	ng/ul	97
90) Benzo(b)fluoranthene	23.386	252	4173716	39.606	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	1368151m	13.046	ng/ul	
93) Benzo(a)pyrene	24.074	252	3010281	30.331	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.962	276	1570185	13.701	ng/ul	98
95) Dibenzo(a,h)anthracene	26.986	278	441282m	4.656	ng/ul	
96) Benzo(g,h,i)perylene	27.827	276	1222277	13.472	ng/ul	99

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

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

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