Quantitation Report (Qedit)

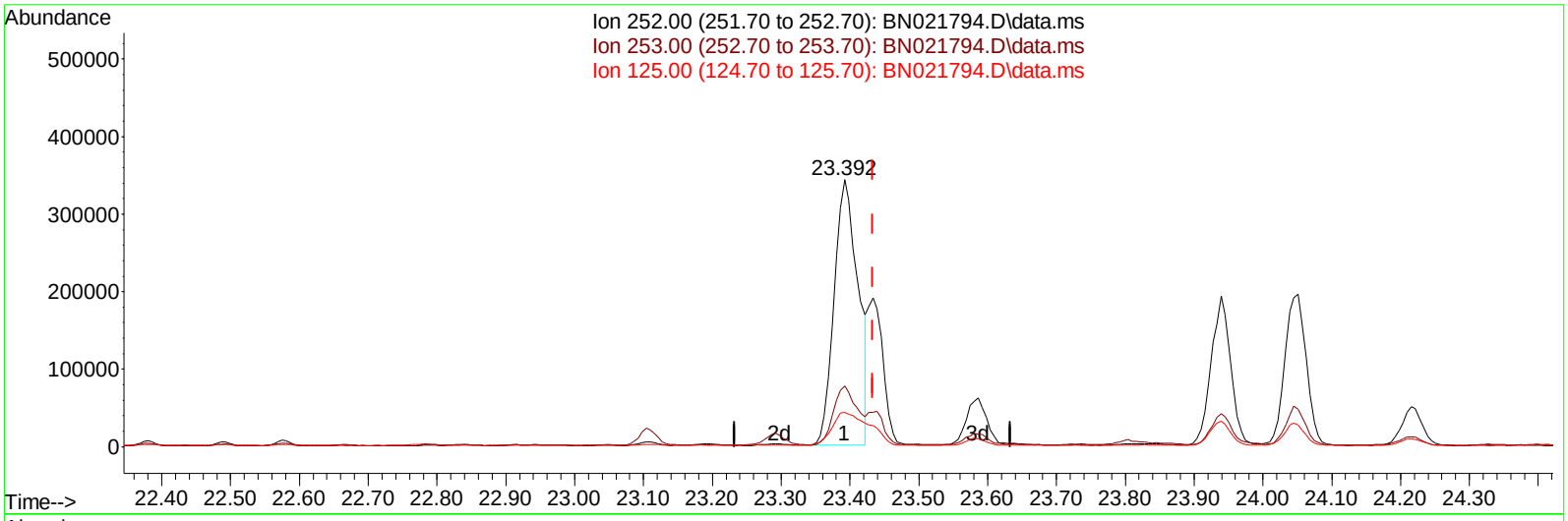
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021794.D
Acq On : 16 Sep 2022 18:24
Operator : CG/JU
Sample : N4601-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

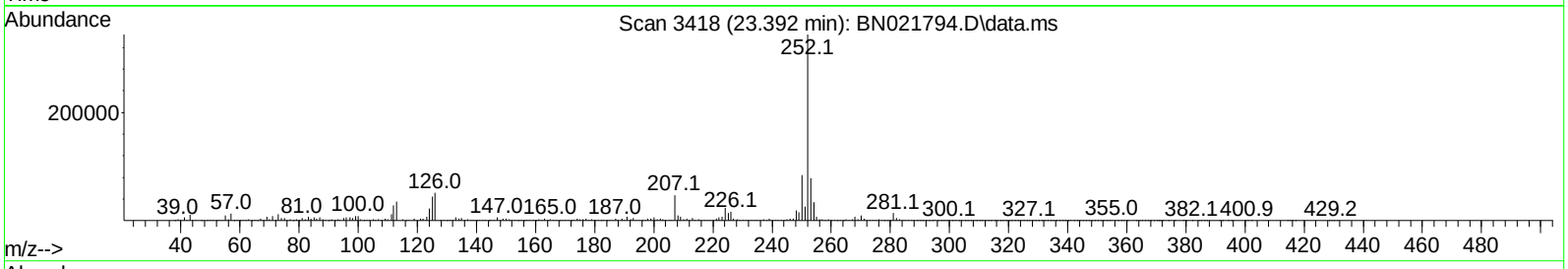
Quant Time: Sep 17 00:24:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 17 00:17:38 2022
Response via : Initial Calibration

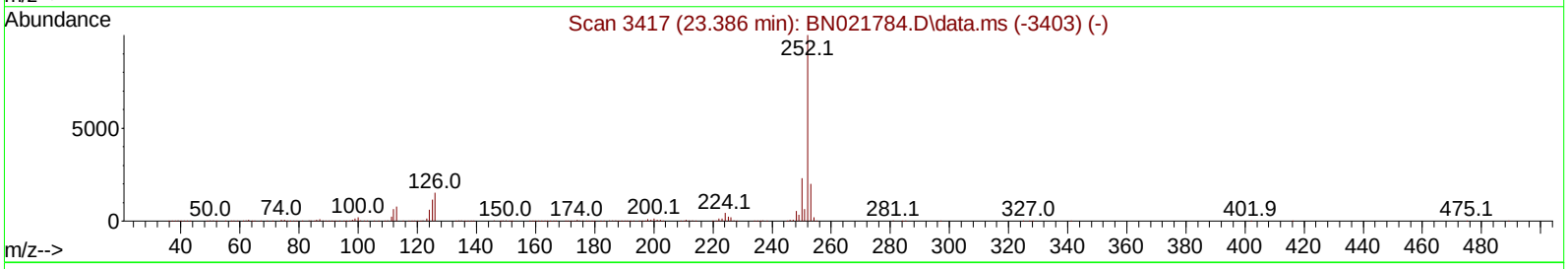
Instrument :
BNA_N
ClientSampleId :
A5761

Manual IntegrationsAPPROVED

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







TIC: BN021794.D\data.ms

(91) Benzo(k)fluoranthene

23.392min (-0.041) 27.20 ng/ul

response 822406

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	22.72
125.00	10.30	12.94#
0.00	0.00	0.00

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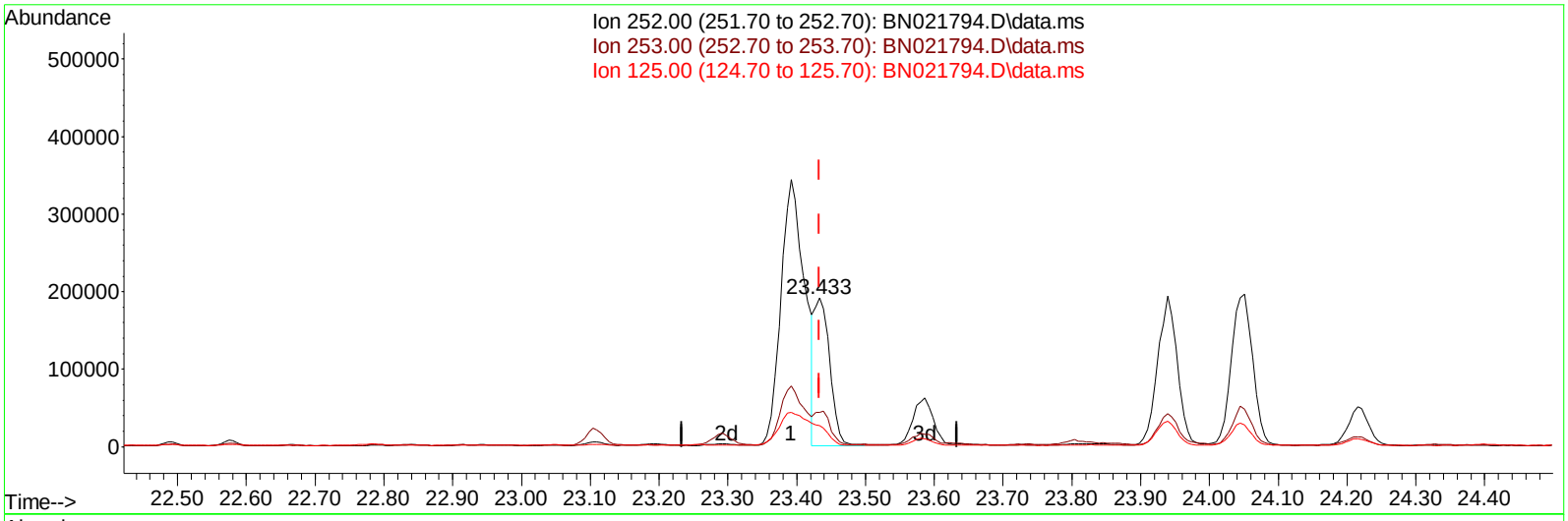

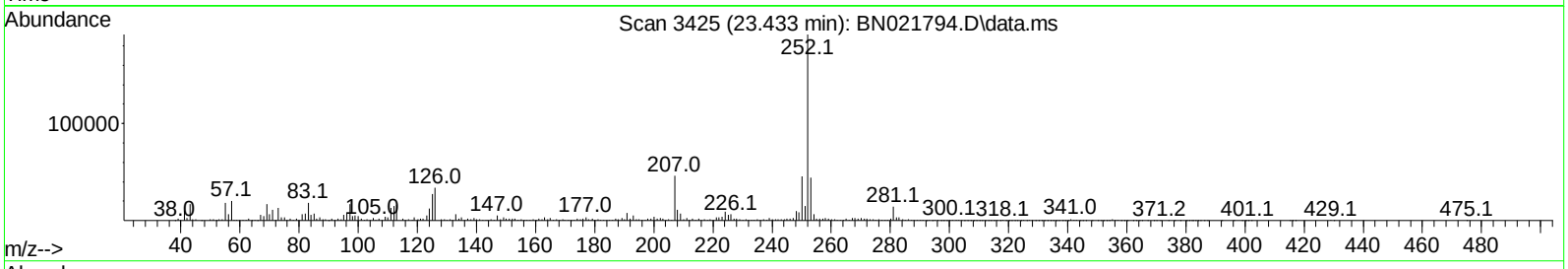

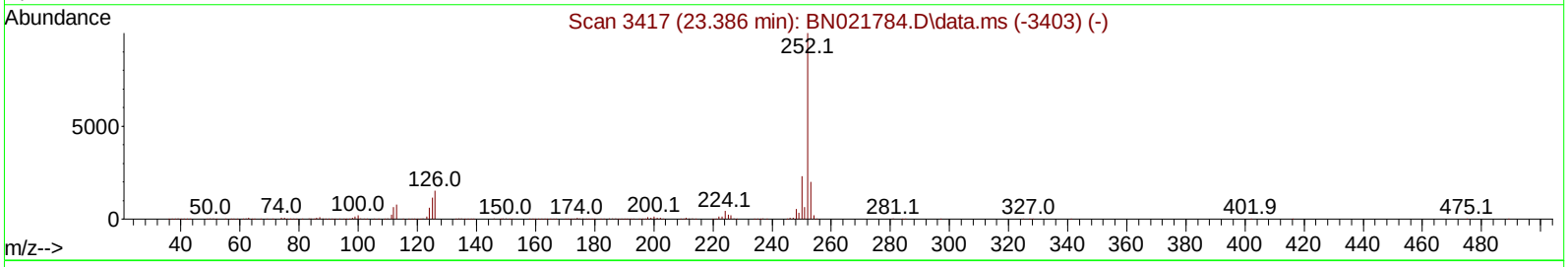

TIC: BN021794.D\data.ms

(91) Benzo(k)fluoranthene

23.433min (+ 0.000) 9.78 ng/ul m

response 295559

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	23.25
125.00	10.30	14.29#
0.00	0.00	0.00

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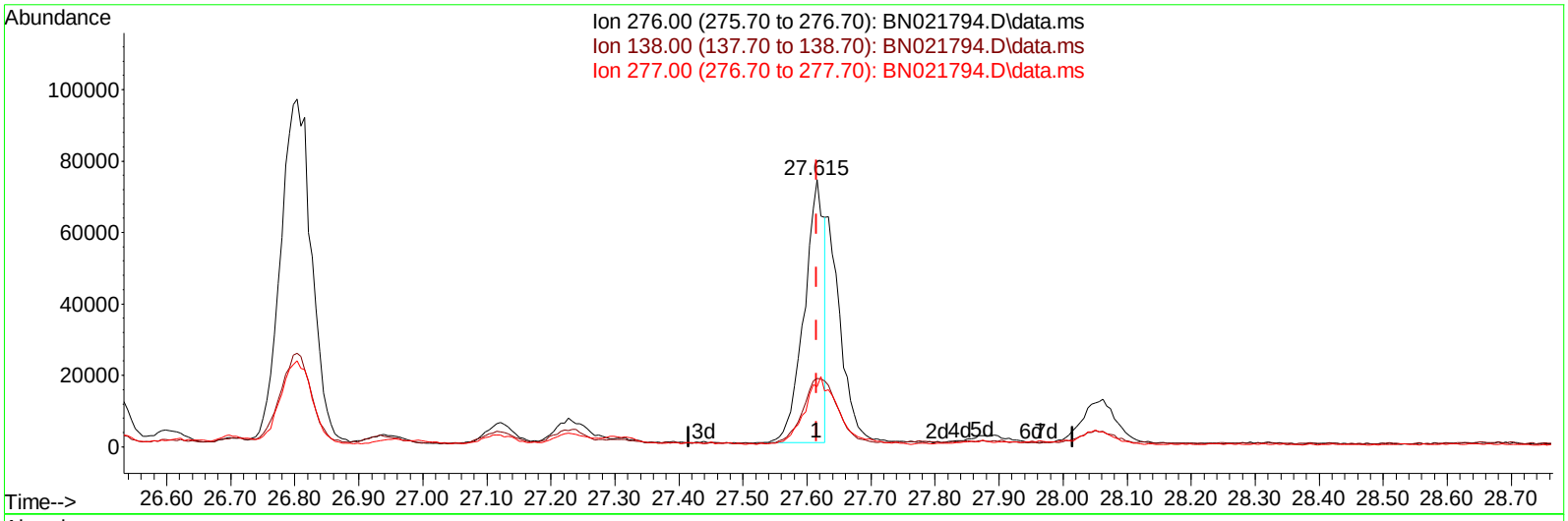

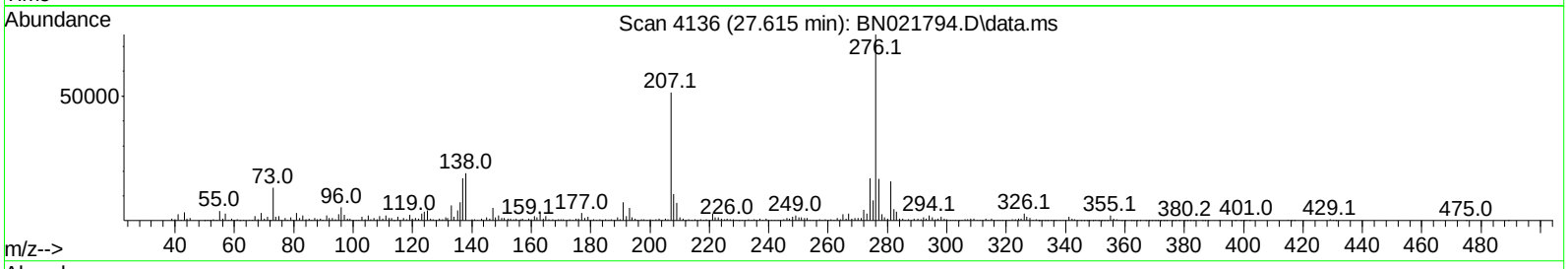

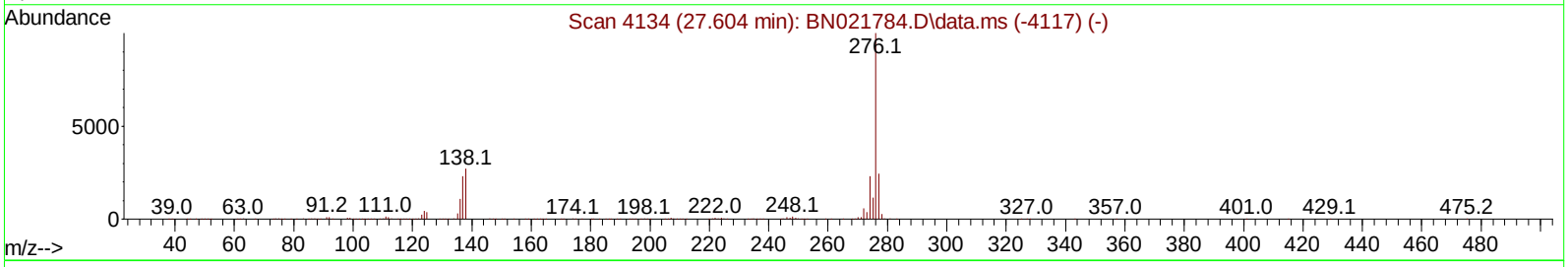

TIC: BN021794.D\data.ms

(96) Benzo(g,h,i)perylene

27.615min (+ 0.000) 4.60 ng/ul

response 159358

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	25.58#
277.00	22.20	22.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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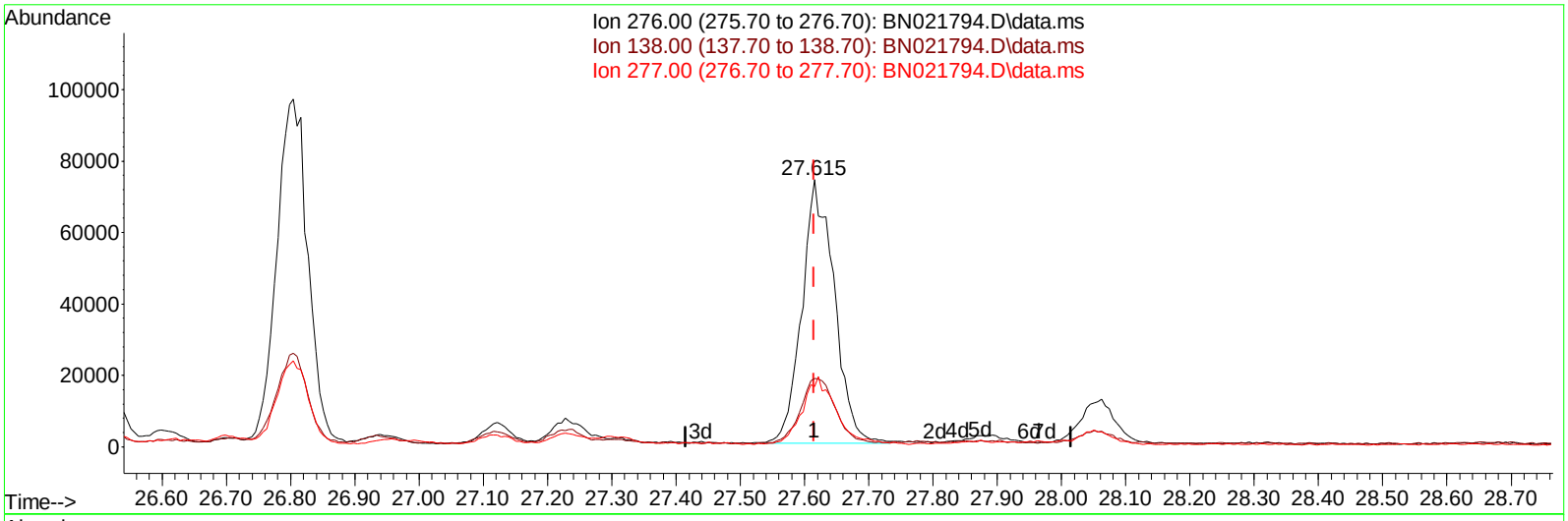

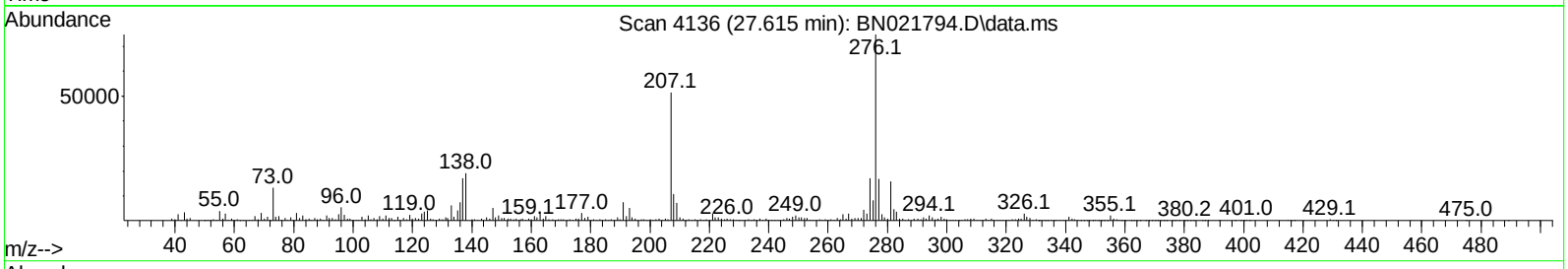

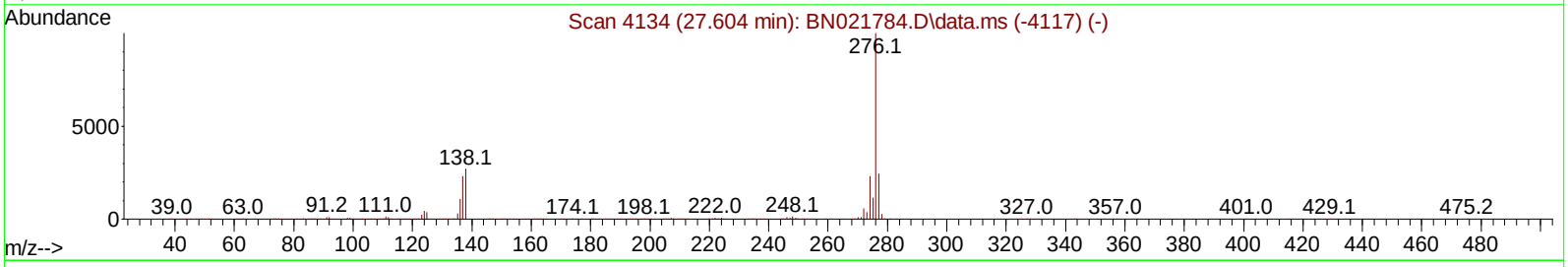

TIC: BN021794.D\data.ms

(96) Benzo(g,h,i)perylene

27.615min (+ 0.000) 7.43 ng/ul m

response 257415

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	25.58#
277.00	22.20	22.54
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	184889	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	817889	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	504443	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	944773	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	607576	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	555542	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	18541	3.765	ng/uL	0.00
4) Pyridine-d5	3.799	84	59192	4.410	ng/ul	0.01
7) Phenol-d5	7.205	99	385181	22.970	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	239343	23.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	307758	25.226	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	281260	21.377	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	167213	30.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	184324	37.034	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	305437	27.709	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	251500	13.435	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	954547	27.685	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1115962	27.764	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	123942	18.065	ng/ul	0.00
60) Fluorene-d10	15.698	176	892322	29.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	126140	33.380	ng/ul	0.00
73) Anthracene-d10	17.557	188	1124396	27.006	ng/ul	0.00
81) Pyrene-d10	19.851	212	1104415	38.223	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	759978	28.861	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.928	128	127433	2.992	ng/ul	100
36) 2-Methylnaphthalene	12.540	142	130648	4.535	ng/ul	98
37) 1-Methylnaphthalene	12.757	142	122190	4.220	ng/ul	92
50) Acenaphthylene	14.428	152	123453	2.661	ng/ul#	97
52) Acenaphthene	14.769	153	41283	1.377	ng/ul	100
61) Fluorene	15.757	166	40315	1.187	ng/ul	95
72) Phenanthrene	17.498	178	902333	18.082	ng/ul	98
74) Anthracene	17.592	178	243035	4.891	ng/ul	98
80) Fluoranthene	19.522	202	1881308	53.980	ng/ul	99
82) Pyrene	19.881	202	1589887	43.769	ng/ul#	93
85) Benzo(a)anthracene	21.633	228	607368	16.603	ng/ul	96
87) Chrysene	21.686	228	757479	21.386	ng/ul	95
90) Benzo(b)fluoranthene	23.392	252	822406	24.333	ng/ul#	94
91) Benzo(k)fluoranthene	23.433	252	295559m	9.776	ng/ul	
93) Benzo(a)pyrene	24.051	252	423844	13.107	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.804	276	323005	8.136	ng/ul	95
95) Dibenzo(a,h)anthracene	26.810	278	95909	2.863	ng/ul#	89
96) Benzo(g,h,i)perylene	27.615	276	257415m	7.430	ng/ul	

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

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