Quantitation Report (Qedit)

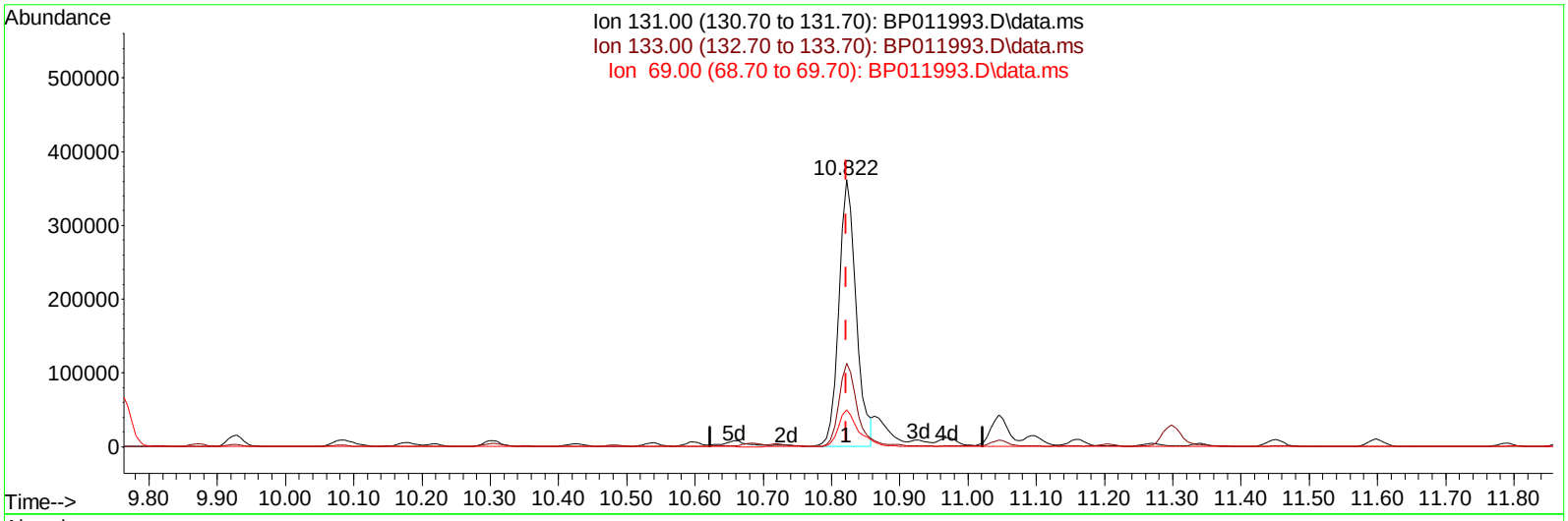
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011993.D
Acq On : 07 Oct 2022 04:53
Operator : CG/JU
Sample : N4923-19
Misc :
ALS Vial : 82 Sample Multiplier: 1

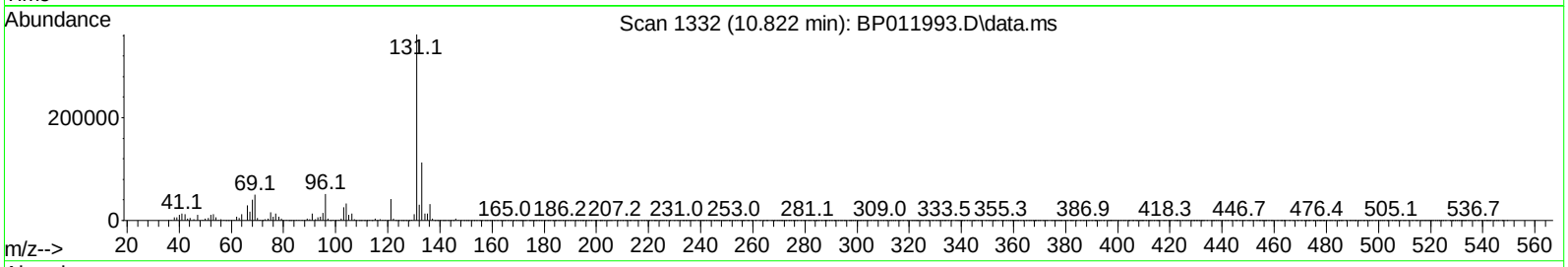
Quant Time: Oct 07 05:56:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 03:22:44 2022
Response via : Initial Calibration

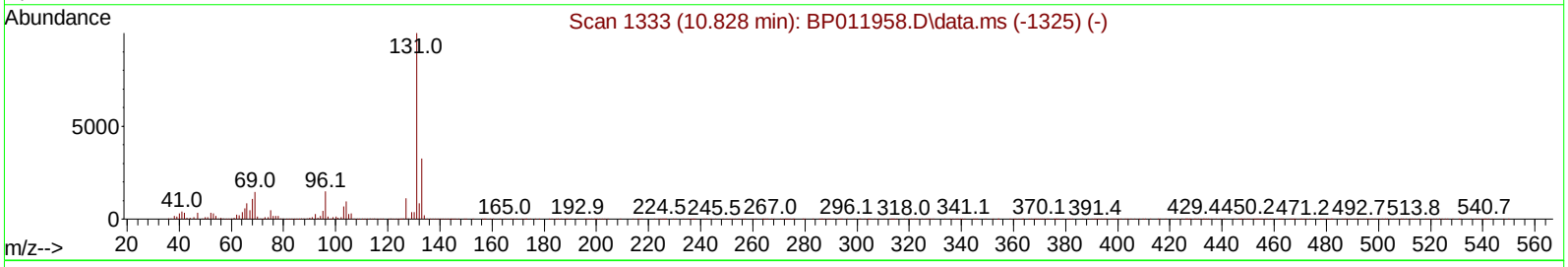
Instrument :
BNA_P
ClientSampleId :
E10044

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022







TIC: BP011993.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.822min (-0.000) 24.93 ng/ul

response 633215

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.60	31.21
69.00	14.20	13.80
0.00	0.00	0.00

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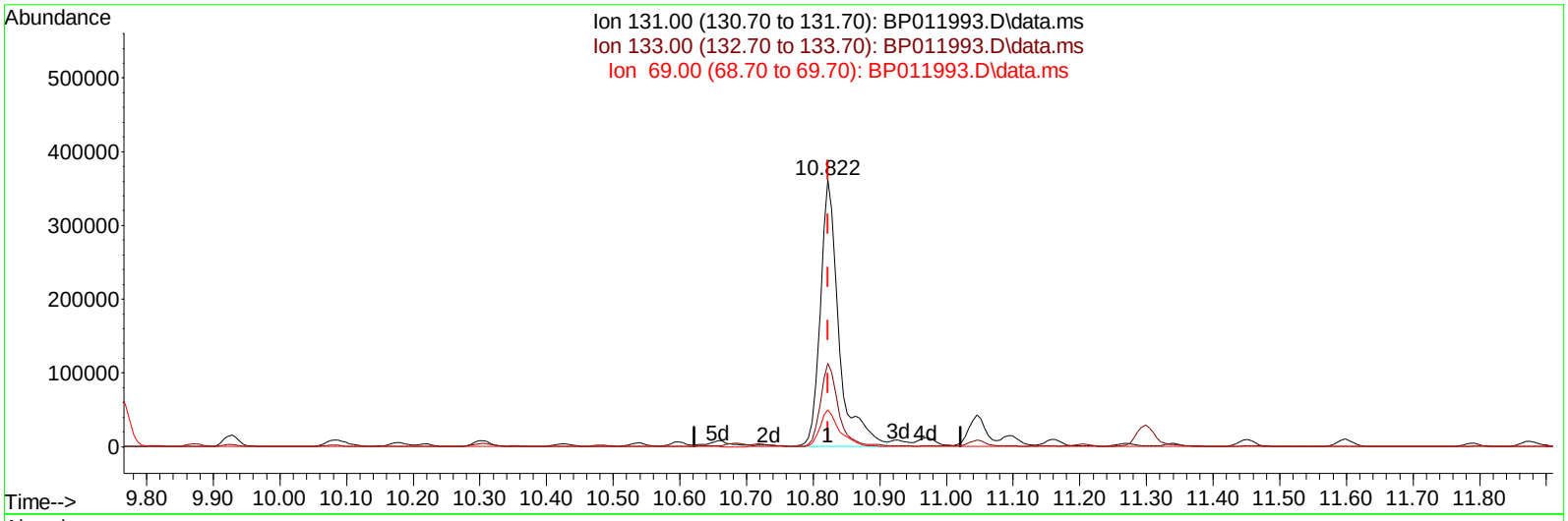

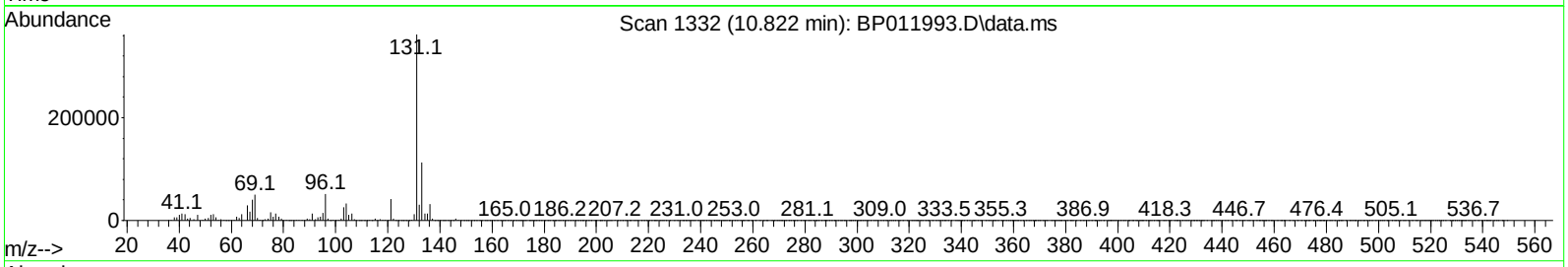

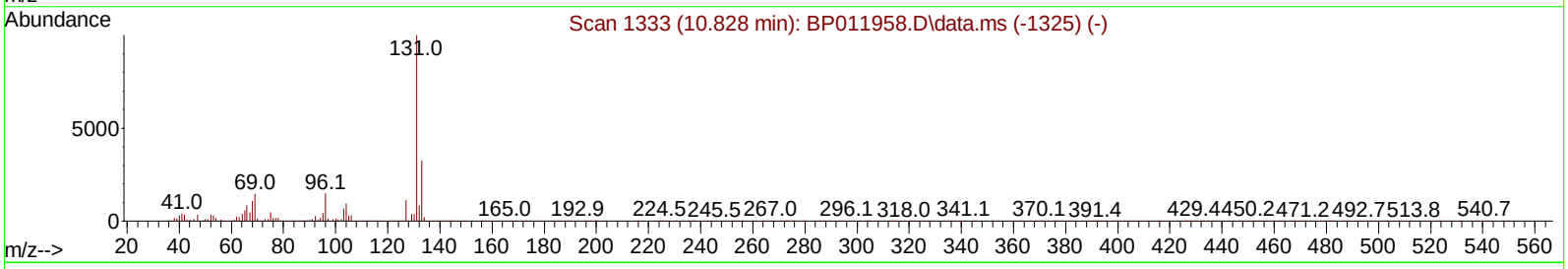

TIC: BP011993.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.822min (-0.000) 27.64 ng/ul m

response 701952

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.60	31.21
69.00	14.20	13.80
0.00	0.00	0.00

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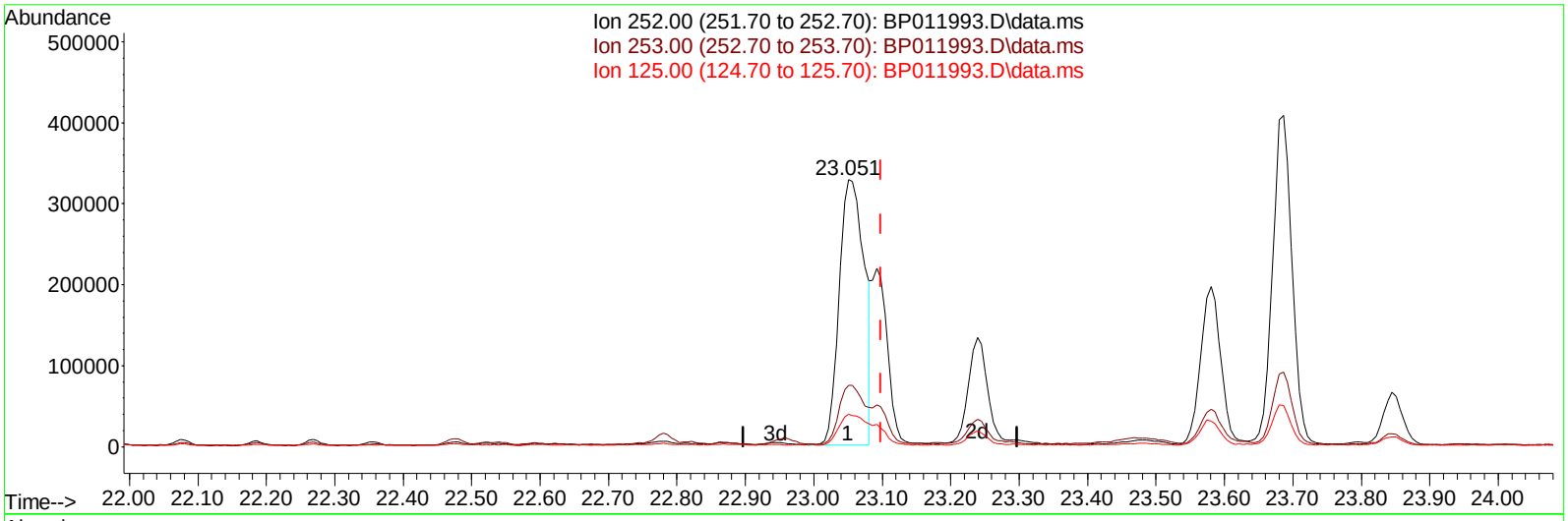

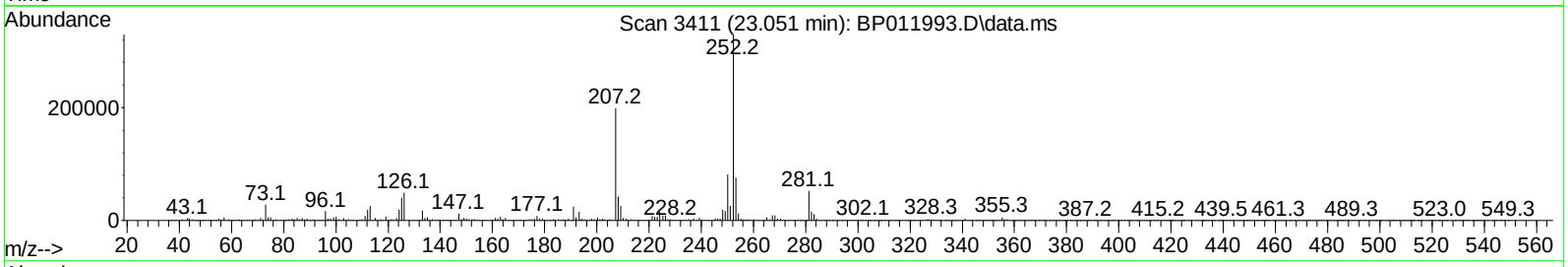

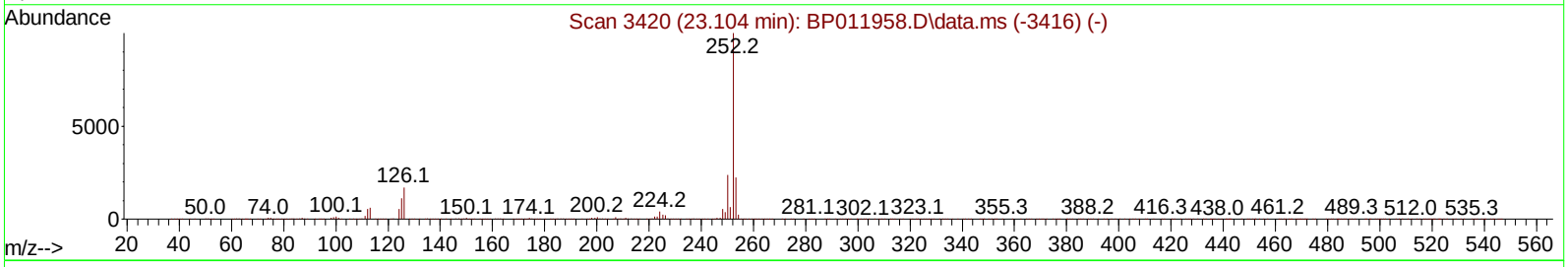

TIC: BP011993.D\data.ms

(91) Benzo(k)fluoranthene

23.051min (-0.047) 8.63 ng/ul

response 833078

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.04
125.00	11.50	12.26
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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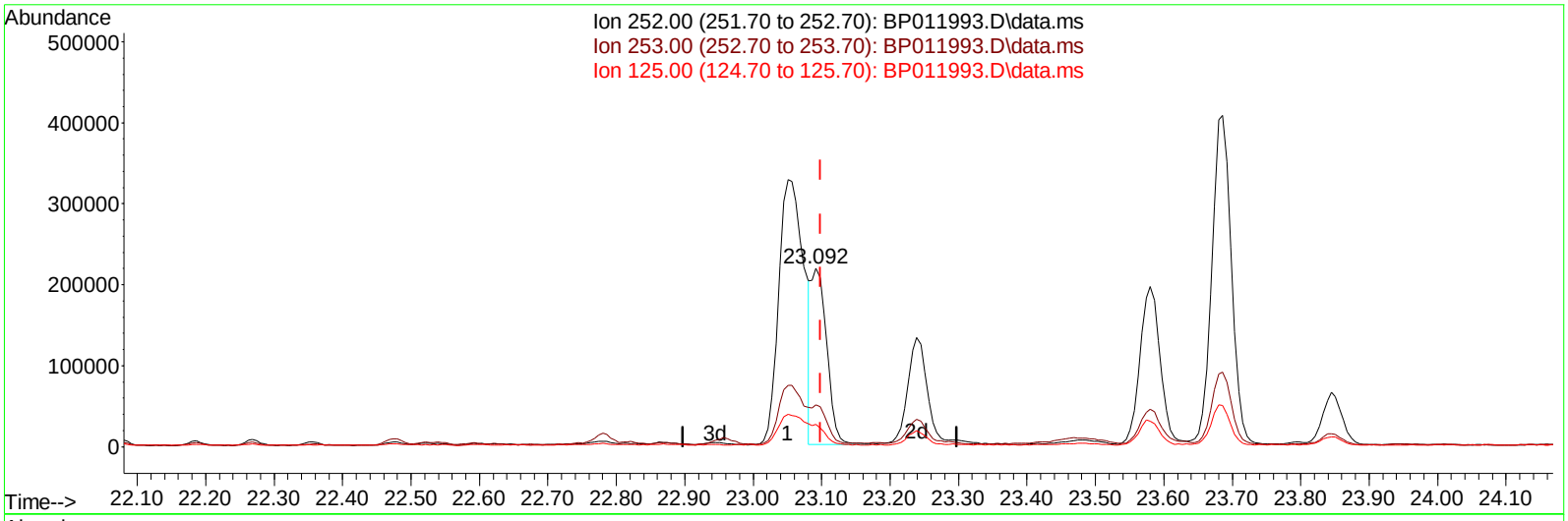

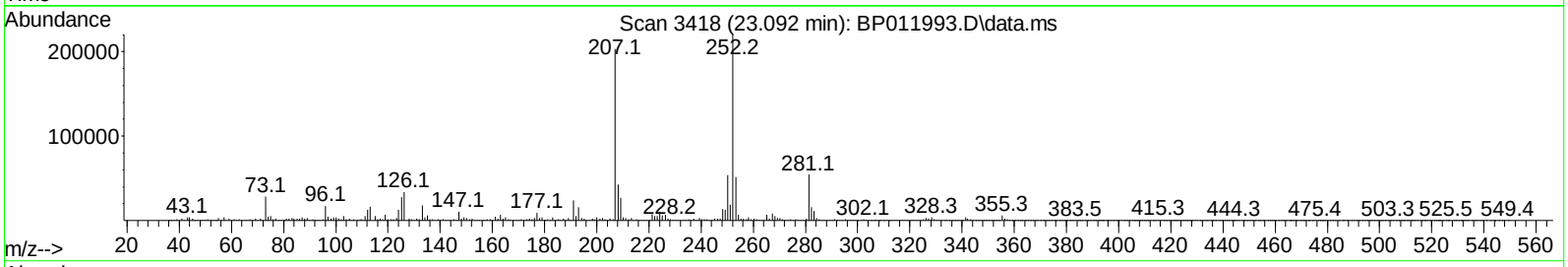

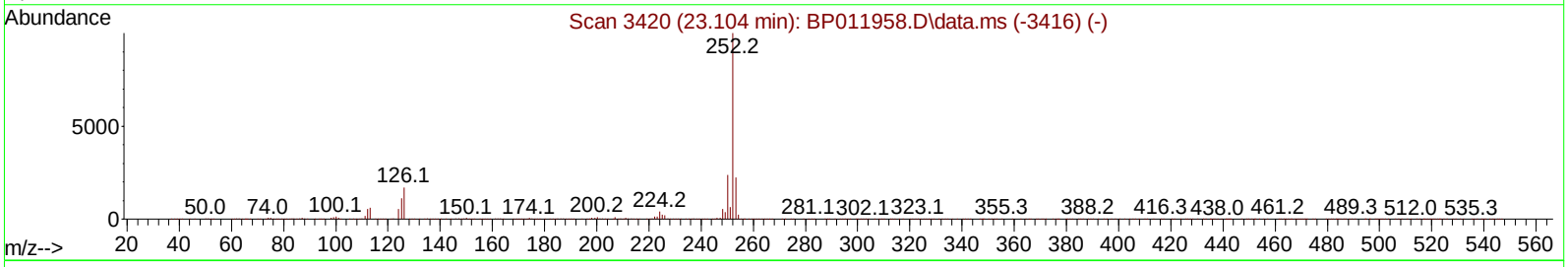

TIC: BP011993.D\data.ms

(91) Benzo(k)fluoranthene

23.092min (-0.006) 3.58 ng/ul m

response 345178

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.57
125.00	11.50	12.54
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	7.875	152	262589	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1105170	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	701462	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	1468659	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1456402	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1570439	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	25818	4.336	ng/uL	0.00
4) Pyridine-d5	3.722	84	173979	9.976	ng/ul	0.00
7) Phenol-d5	7.040	99	132134	5.829	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	332125	26.432	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	386143	21.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	247436	13.204	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	255888	30.398	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	265830	29.516	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	442168	26.543	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	701952m	27.640	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1596234	31.822	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1795488	31.398	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	58333	5.616	ng/ul	0.01
60) Fluorene-d10	15.516	176	1408680	32.337	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	248245	27.926	ng/ul	0.00
73) Anthracene-d10	17.380	188	2262335	33.816	ng/ul	0.00
81) Pyrene-d10	19.616	212	2535488	34.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	2666271	33.916	ng/ul	0.00
Target Compounds						Qvalue
37) 1-Methylnaphthalene	12.563	142	155286	3.733	ng/ul#	97
50) Acenaphthylene	14.245	152	1545126	24.329	ng/ul	100
52) Acenaphthene	14.586	153	892967	19.929	ng/ul	99
56) Dibenzofuran	14.922	168	925694	15.083	ng/ul	99
61) Fluorene	15.569	166	1090540	21.695	ng/ul	100
72) Phenanthrene	17.322	178	1546335	19.159	ng/ul	100
74) Anthracene	17.416	178	1163643	14.329	ng/ul	99
77) Carbazole	17.686	167	208254	2.838	ng/ul	98
80) Fluoranthene	19.286	202	2393196	26.513	ng/ul	99
82) Pyrene	19.639	202	1989878	21.173	ng/ul	99
85) Benzo(a)anthracene	21.351	228	1076904	11.307	ng/ul	95
87) Chrysene	21.404	228	899817	10.067	ng/ul	98
90) Benzo(b)fluoranthene	23.051	252	833078	8.311	ng/ul	98
91) Benzo(k)fluoranthene	23.092	252	345178m	3.576	ng/ul	
93) Benzo(a)pyrene	23.686	252	801656	8.962	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.309	276	398217	3.497	ng/ul	96
95) Dibenzo(a,h)anthracene	26.321	278	114328	1.130	ng/ul#	91
96) Benzo(g,h,i)perylene	27.092	276	354050	3.507	ng/ul	98

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

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