Quantitation Report (Qedit)

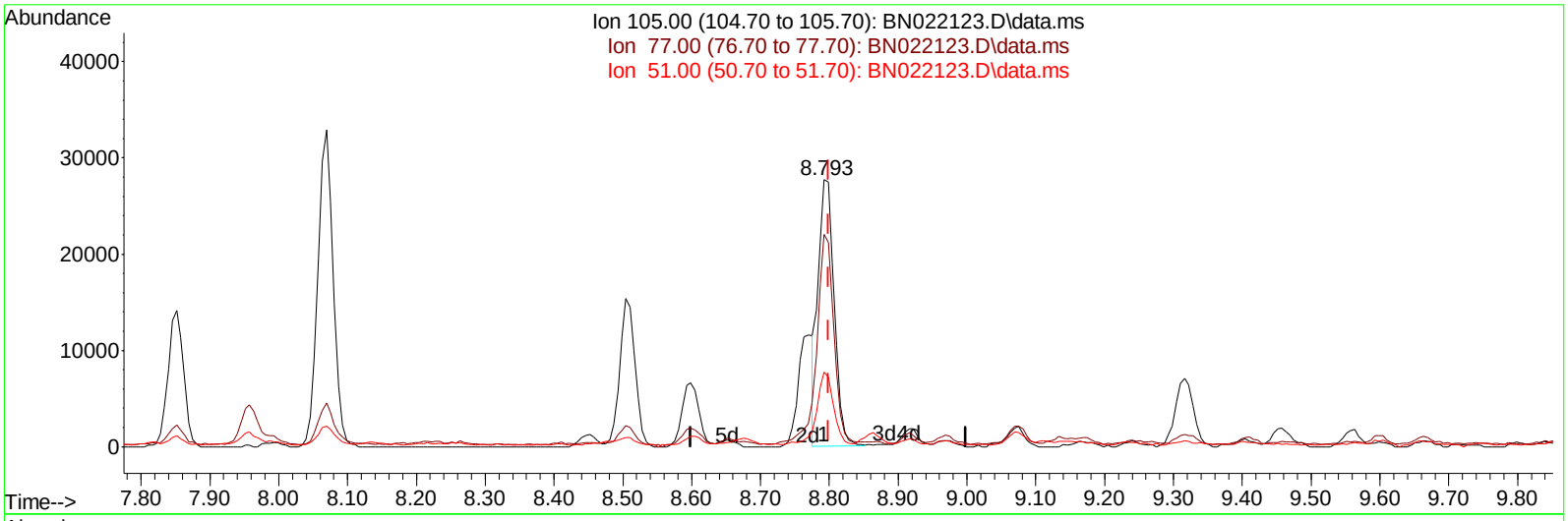
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022123.D
Acq On : 14 Oct 2022 14:19
Operator : CG/JU
Sample : N5049-13
Misc :
ALS Vial : 41 Sample Multiplier: 1

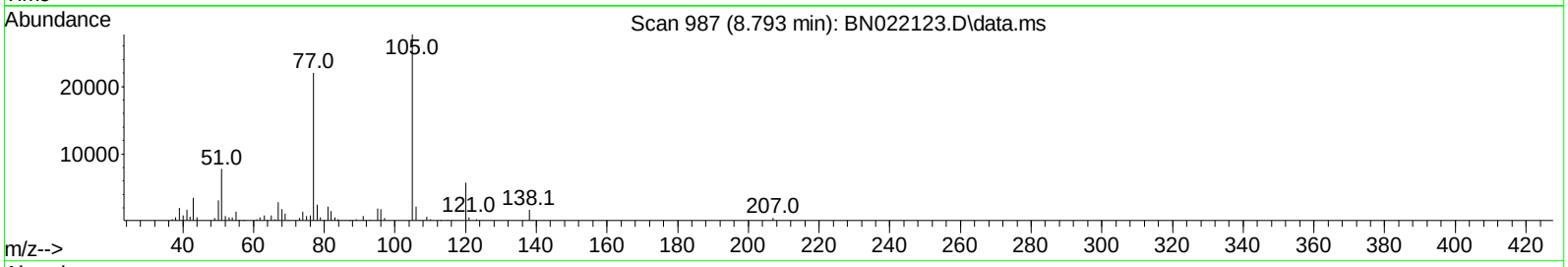
Quant Time: Oct 15 00:26:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

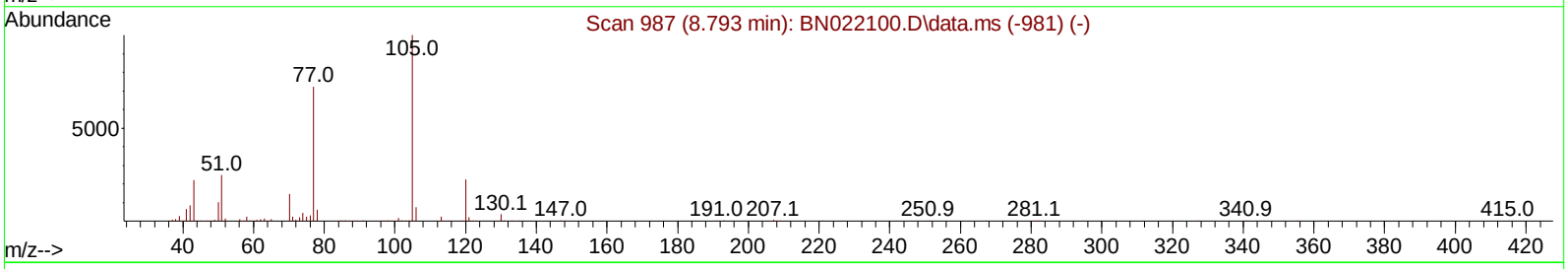
Instrument :
BNA_N
ClientSampleId :
C0BR9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022







TIC: BN022123.D\data.ms

(16) Acetophenone

8.793min (-0.006) 1.98 ng/ul

response 44831

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	81.10	79.51
51.00	27.20	28.04
0.00	0.00	0.00

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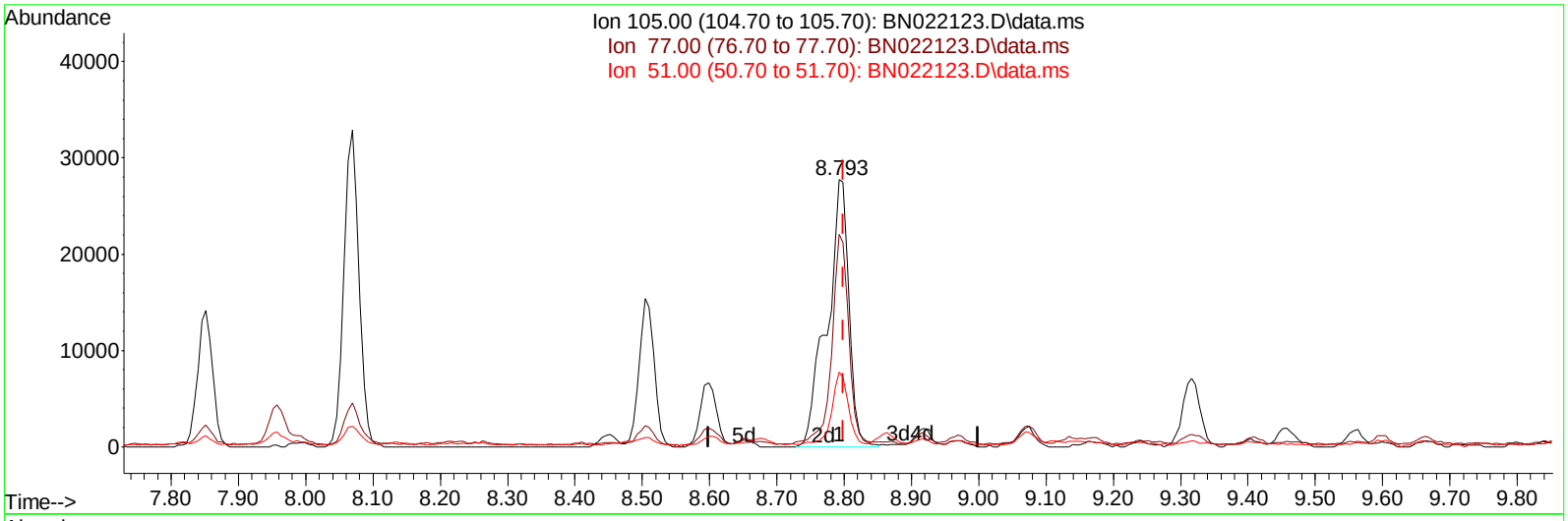

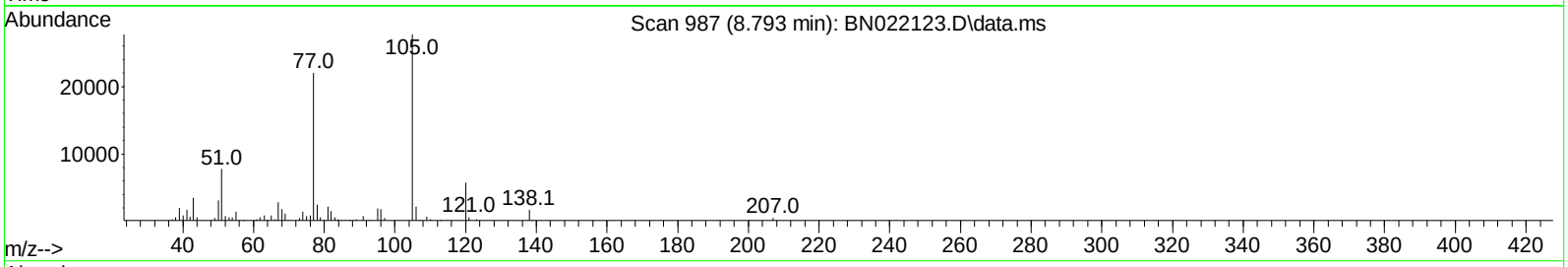

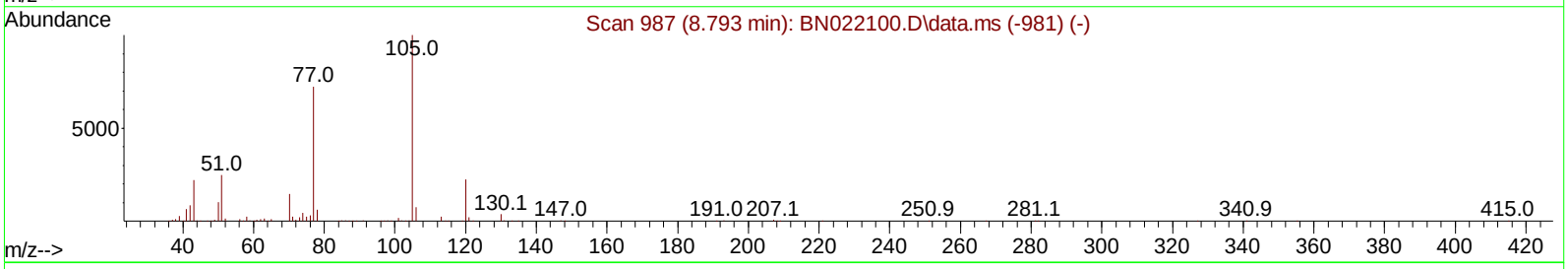

TIC: BN022123.D\data.ms

(16) Acetophenone

8.793min (-0.006) 2.79 ng/ul m

response 63058

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	81.10	79.51
51.00	27.20	28.04
0.00	0.00	0.00

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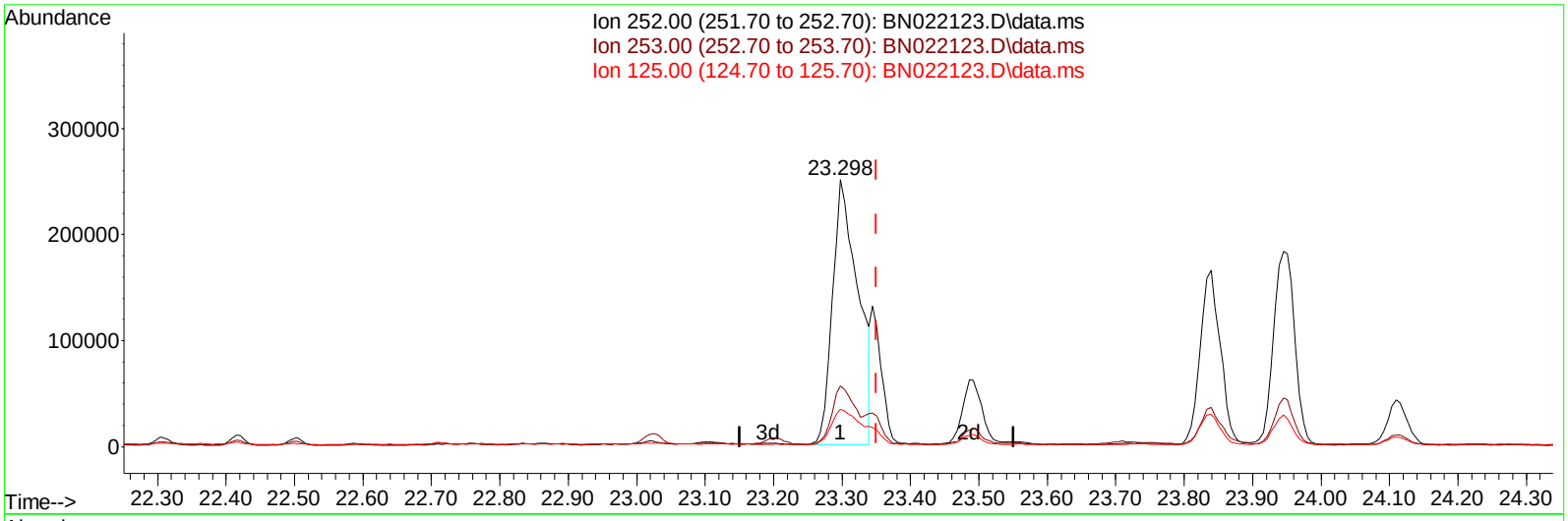

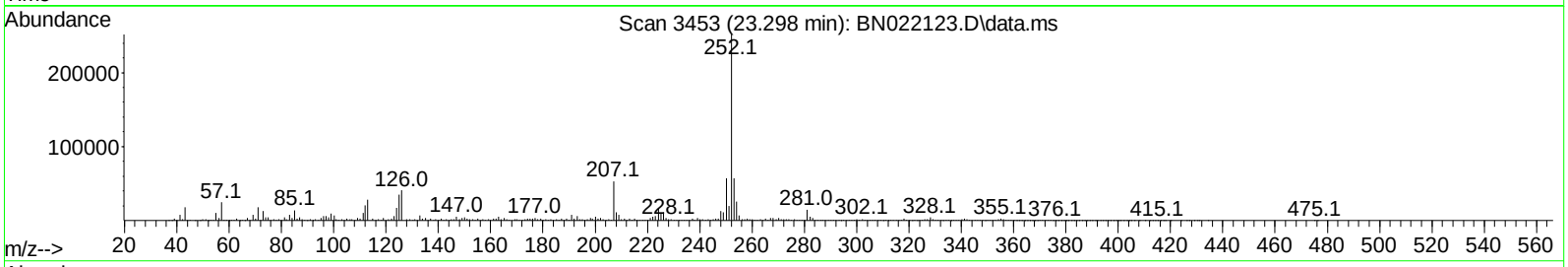

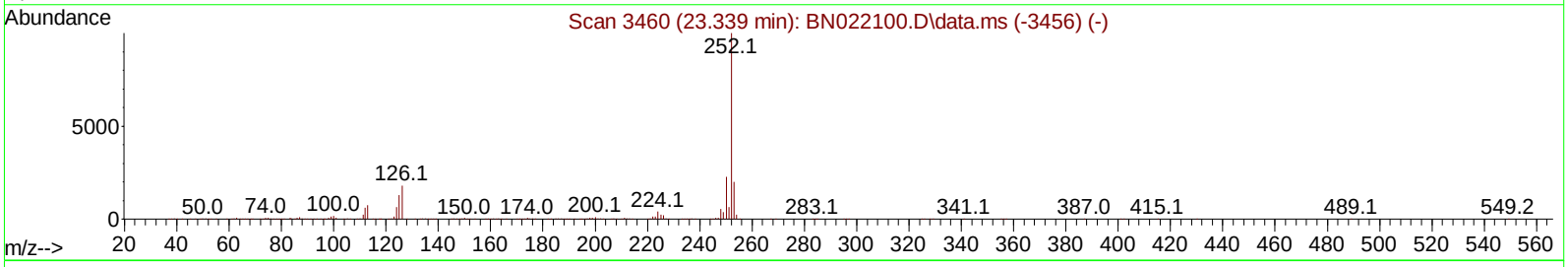

TIC: BN022123.D\data.ms

(91) Benzo(k)fluoranthene

23.298min (-0.053) 15.11 ng/ul

response 642700

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.84
125.00	13.20	14.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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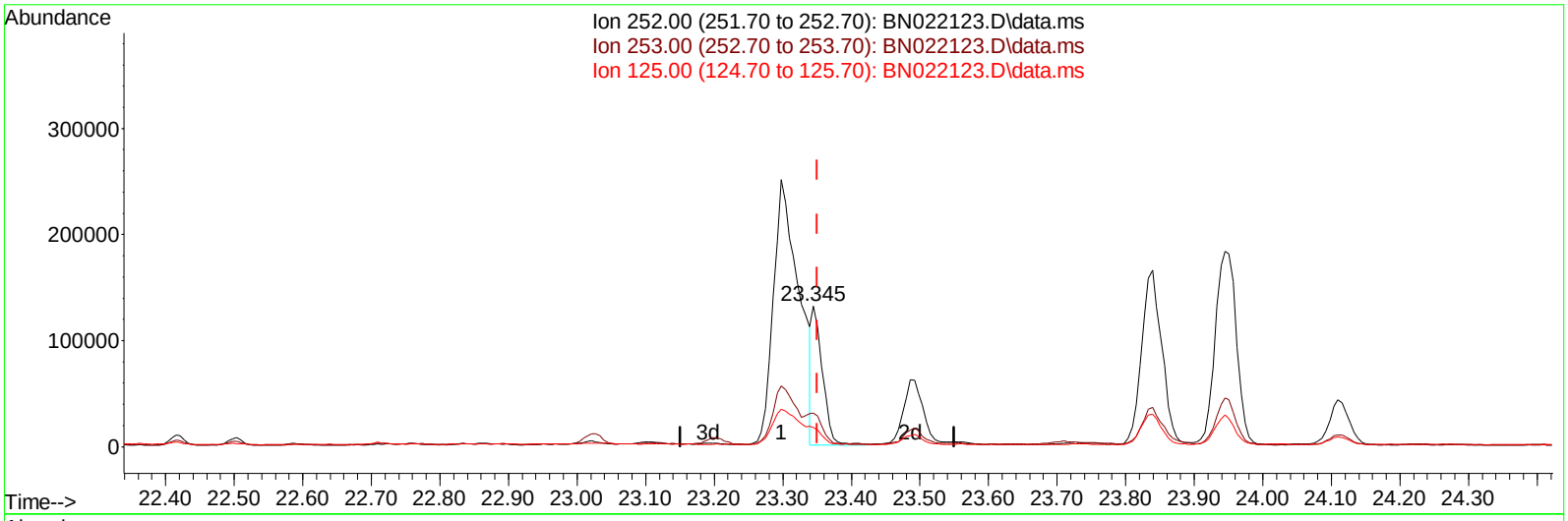

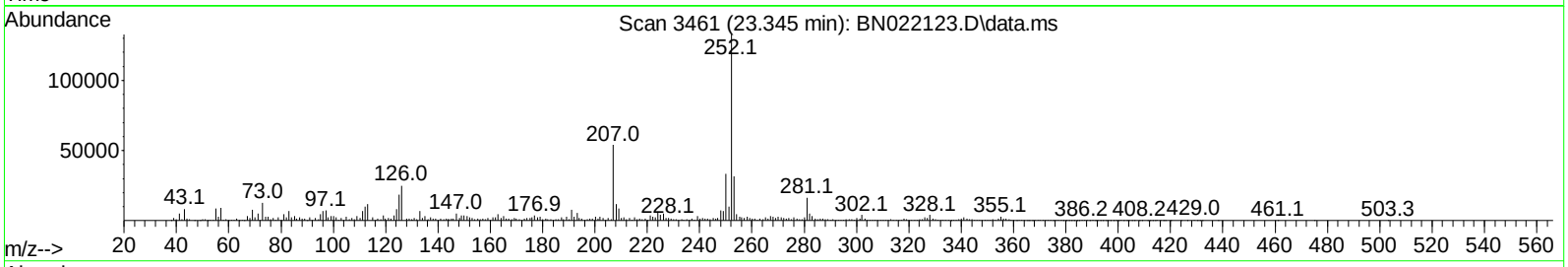

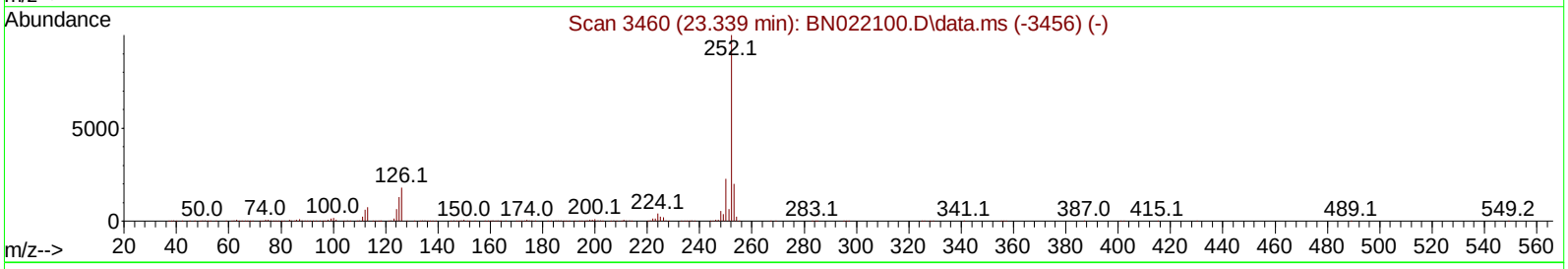

TIC: BN022123.D\data.ms

(91) Benzo(k)fluoranthene

23.345min (-0.006) 3.34 ng/ul m

response 141981

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.81
125.00	13.20	13.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	181975	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	843464	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	507669	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	990423	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	801576	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	682475	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	15801	3.291	ng/uL	0.00
4) Pyridine-d5	3.711	84	27680	1.853	ng/ul	0.02
7) Phenol-d5	7.116	99	299353	16.827	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	216594	19.429	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	248116	20.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	196297	13.886	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	141157	22.823	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	155334	24.504	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	243454	20.460	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	253094	13.010	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	783030	22.127	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	913934	23.127	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	98419	13.029	ng/ul	0.00
60) Fluorene-d10	15.628	176	664599	22.266	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	61972	10.968	ng/ul	0.00
73) Anthracene-d10	17.486	188	980849	22.789	ng/ul	0.00
81) Pyrene-d10	19.786	212	1009284	25.290	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	771076	23.038	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.087	77	12894	1.468	ng/ul#	59
8) Phenol	7.140	94	22518	1.193	ng/ul	93
16) Acetophenone	8.793	105	63058m	2.792	ng/ul	
30) Naphthalene	10.840	128	418581	9.264	ng/ul	99
36) 2-Methylnaphthalene	12.457	142	348150	11.157	ng/ul	99
37) 1-Methylnaphthalene	12.675	142	280512	8.977	ng/ul	95
43) 1,1'-Biphenyl	13.463	154	45017	1.215	ng/ul	97
50) Acenaphthylene	14.351	152	224553	4.976	ng/ul#	96
56) Dibenzofuran	15.028	168	125698	2.878	ng/ul	95
72) Phenanthrene	17.428	178	440996	8.254	ng/ul	99
74) Anthracene	17.522	178	135651	2.556	ng/ul	98
80) Fluoranthene	19.451	202	599380	11.965	ng/ul	99
82) Pyrene	19.816	202	825505	15.751	ng/ul	96
85) Benzo(a)anthracene	21.568	228	401506	7.839	ng/ul#	91
87) Chrysene	21.627	228	512913	10.421	ng/ul	99
90) Benzo(b)fluoranthene	23.298	252	642700	14.931	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	141981m	3.339	ng/ul	
93) Benzo(a)pyrene	23.945	252	392852	10.212	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	26.645	276	266666	5.546	ng/ul	94
95) Dibenzo(a,h)anthracene	26.651	278	72196	1.678	ng/ul#	69
96) Benzo(g,h,i)perylene	27.445	276	232261	5.369	ng/ul	97

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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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