Quantitation Report (Qedit)

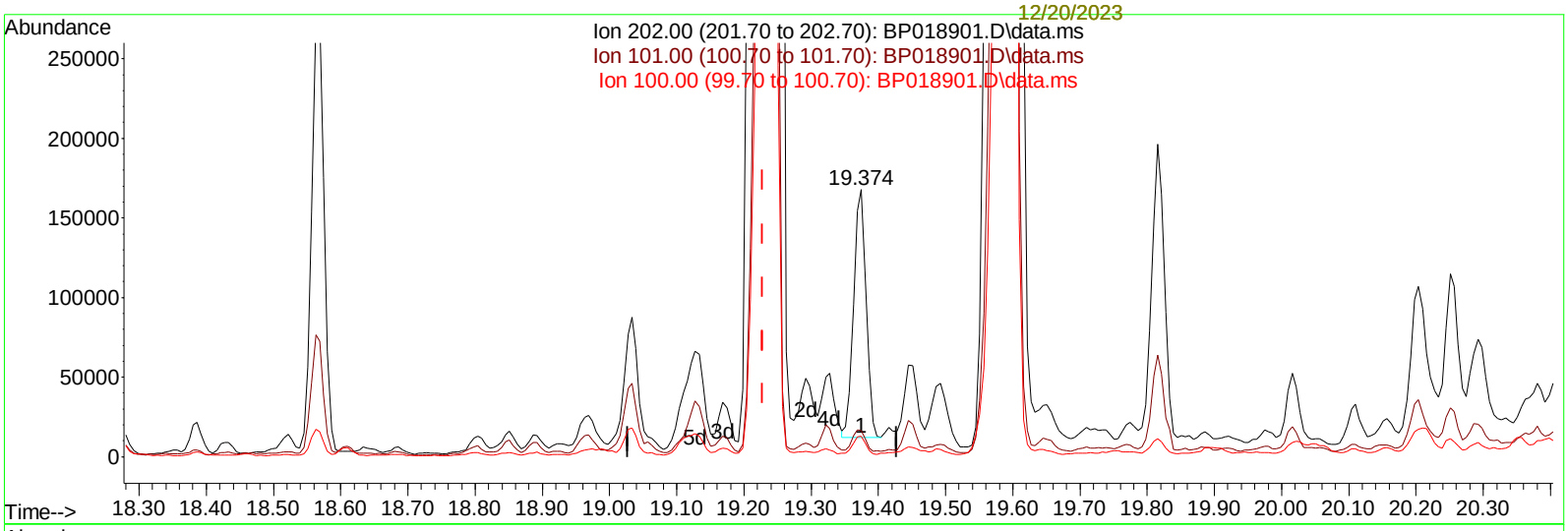
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018901.D
Acq On : 18 Dec 2023 11:48
Operator : MA/JU
Sample : 05626-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

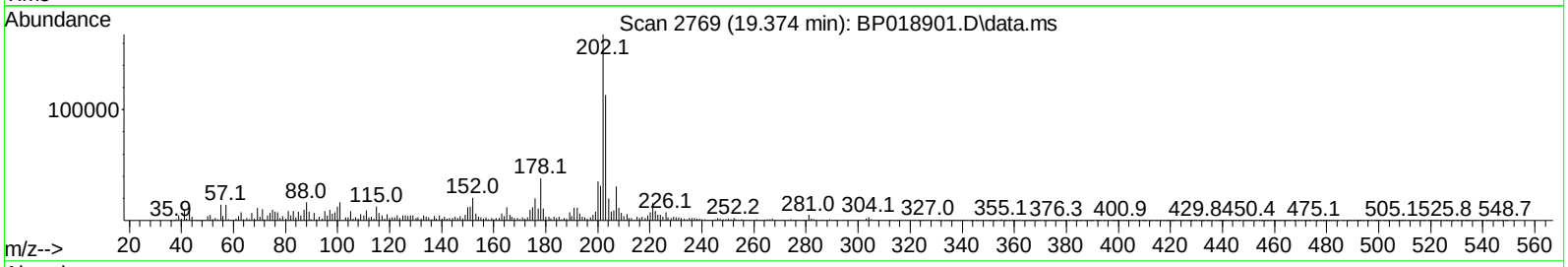
Quant Time: Dec 18 21:38:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

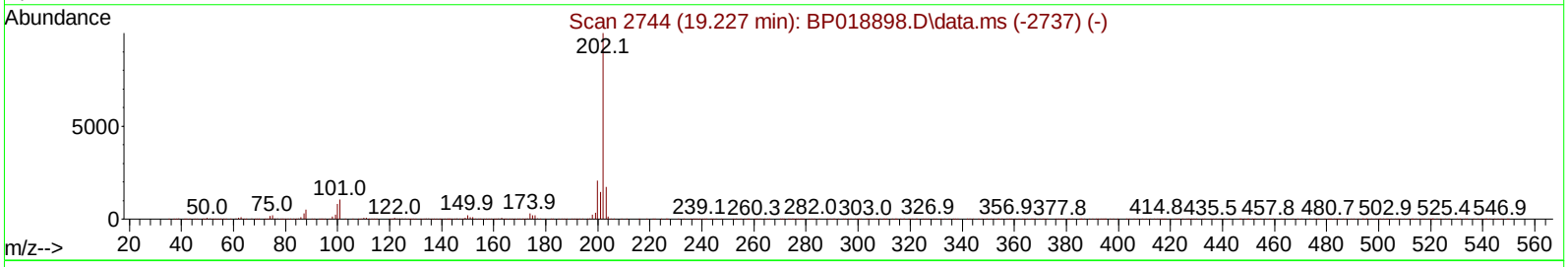
Instrument :
BNA_P
ClientSampleId :
DCLF1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel
12/19/2023
Supervised By :mohammad ahmed
12/20/2023







TIC: BP018901.D\data.ms

(80) Fluoranthene

19.374min (+ 0.147) 2.21 ng/ul

response 202624

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	9.80
100.00	8.90	7.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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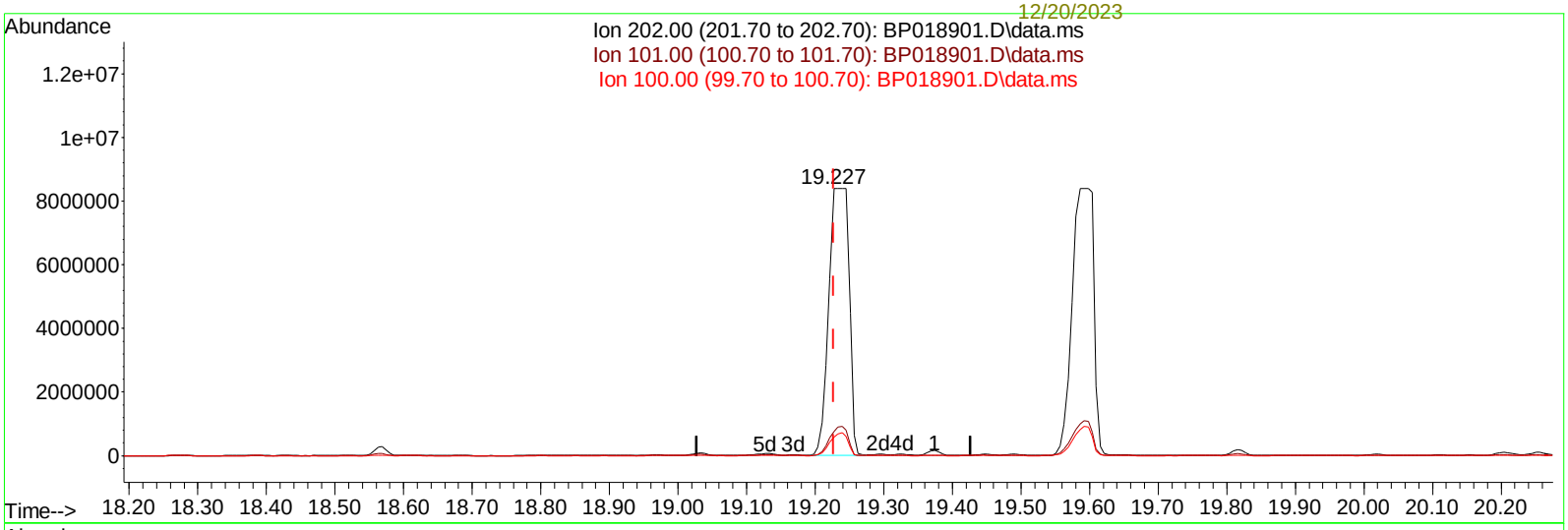

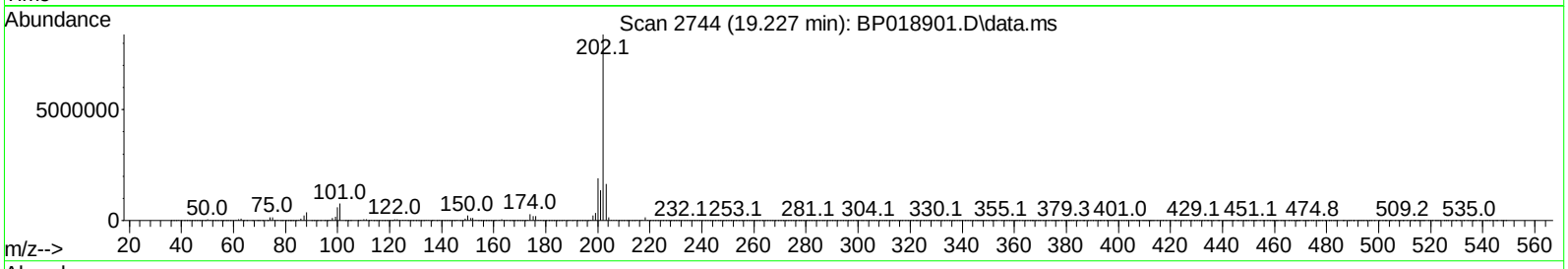

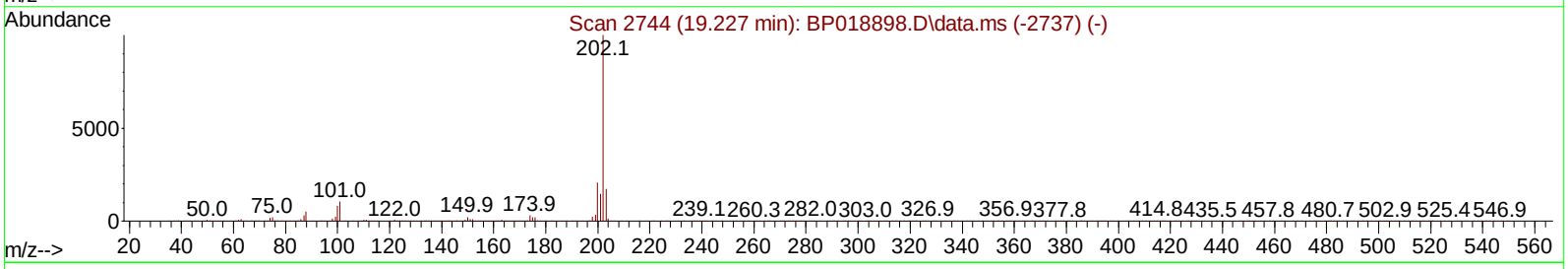

TIC: BP018901.D\data.ms

(80) Fluoranthene

19.227min (-0.000) 186.43 ng/ul m

response 17103414

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	9.15
100.00	8.90	7.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

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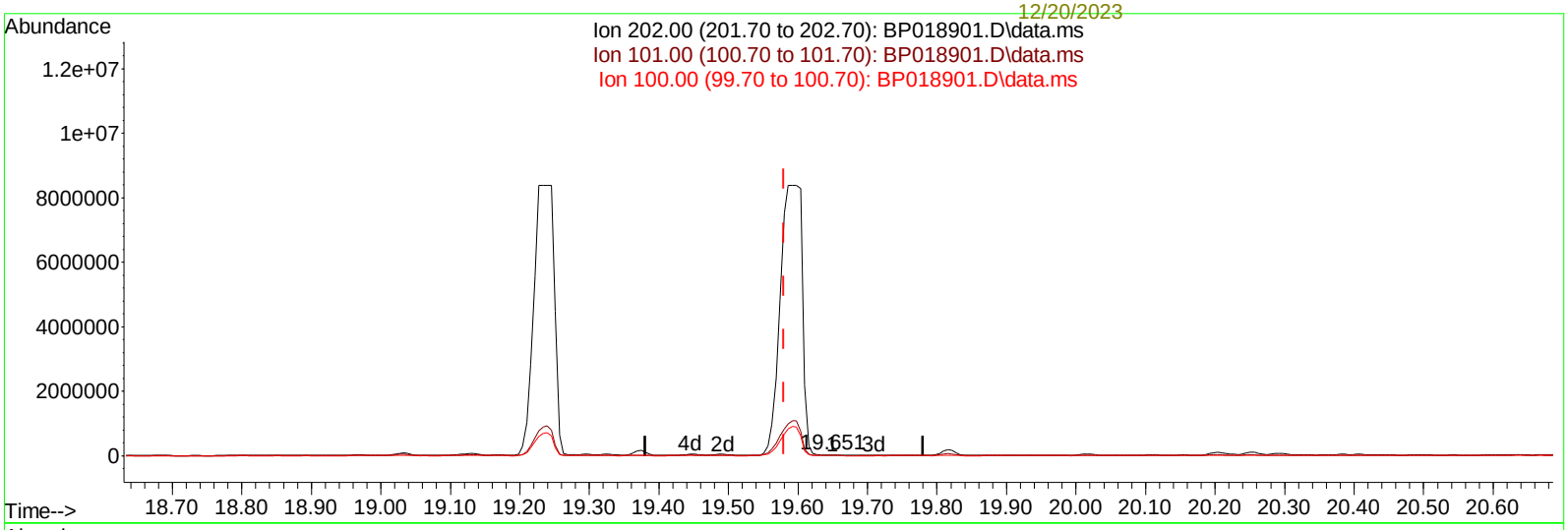

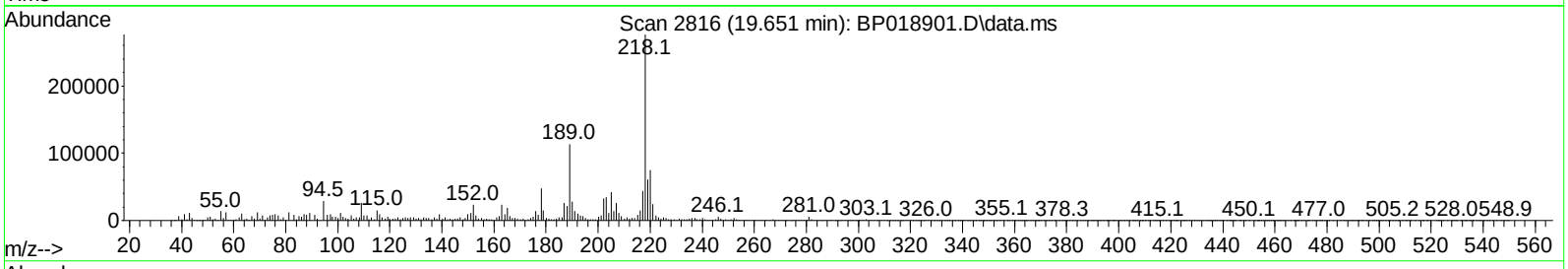

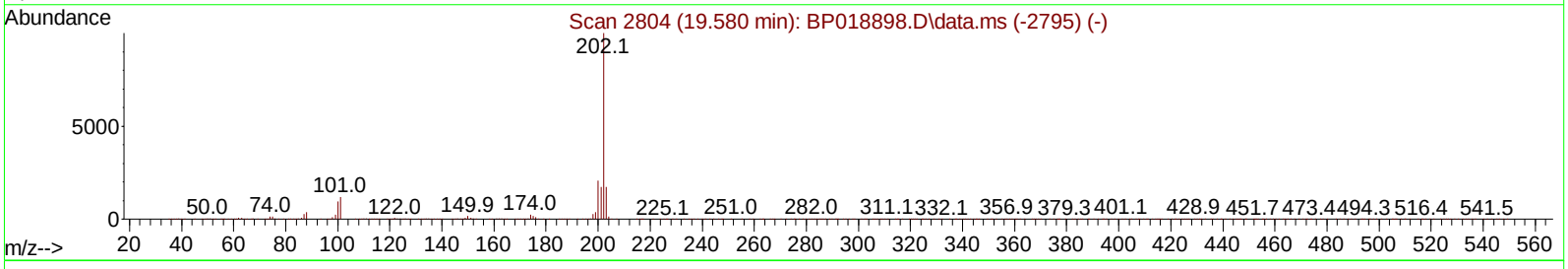

TIC: BP018901.D\data.ms

(82) Pyrene

19.651min (+ 0.071) 0.36 ng/ul

response 33661

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	33.41#
100.00	11.40	12.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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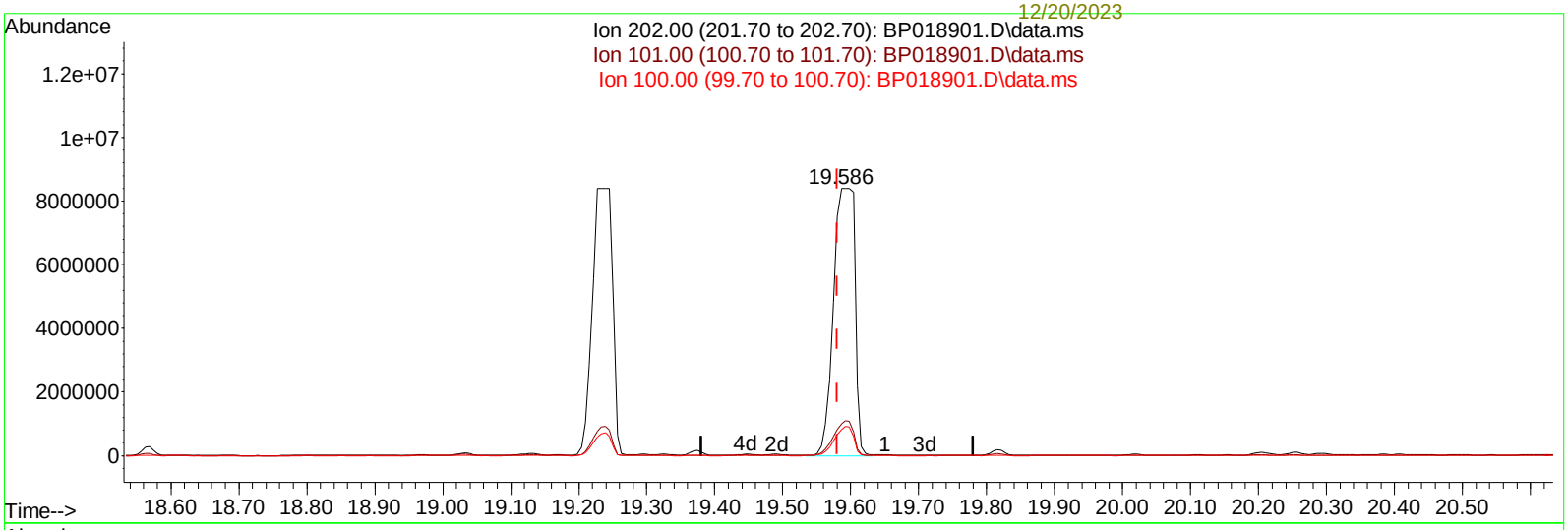

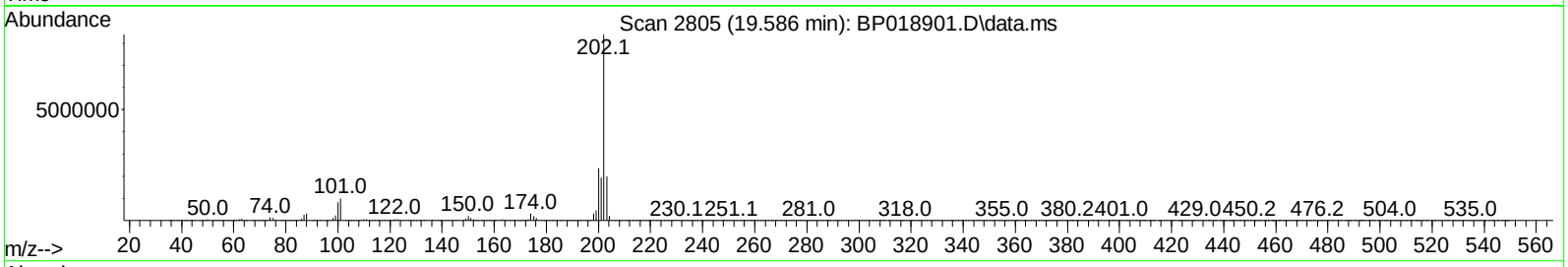

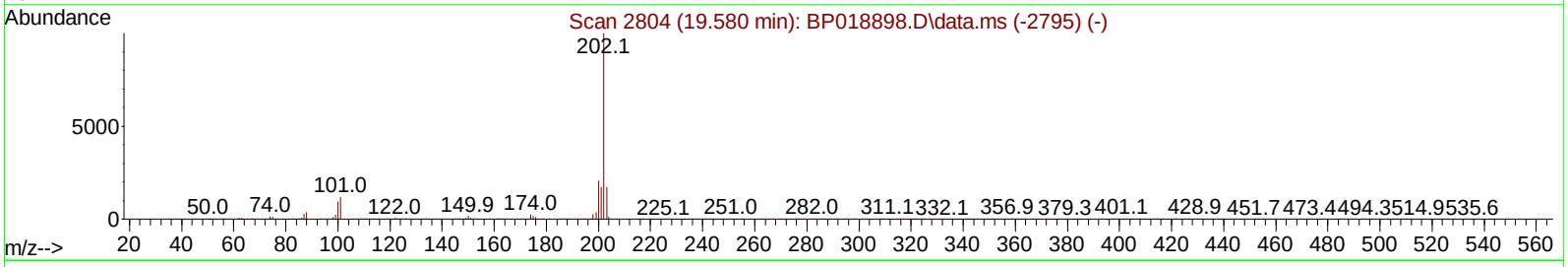

TIC: BP018901.D\data.ms

(82) Pyrene

19.586min (+ 0.006) 198.93 ng/ul m

response 18410874

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	11.88
100.00	11.40	9.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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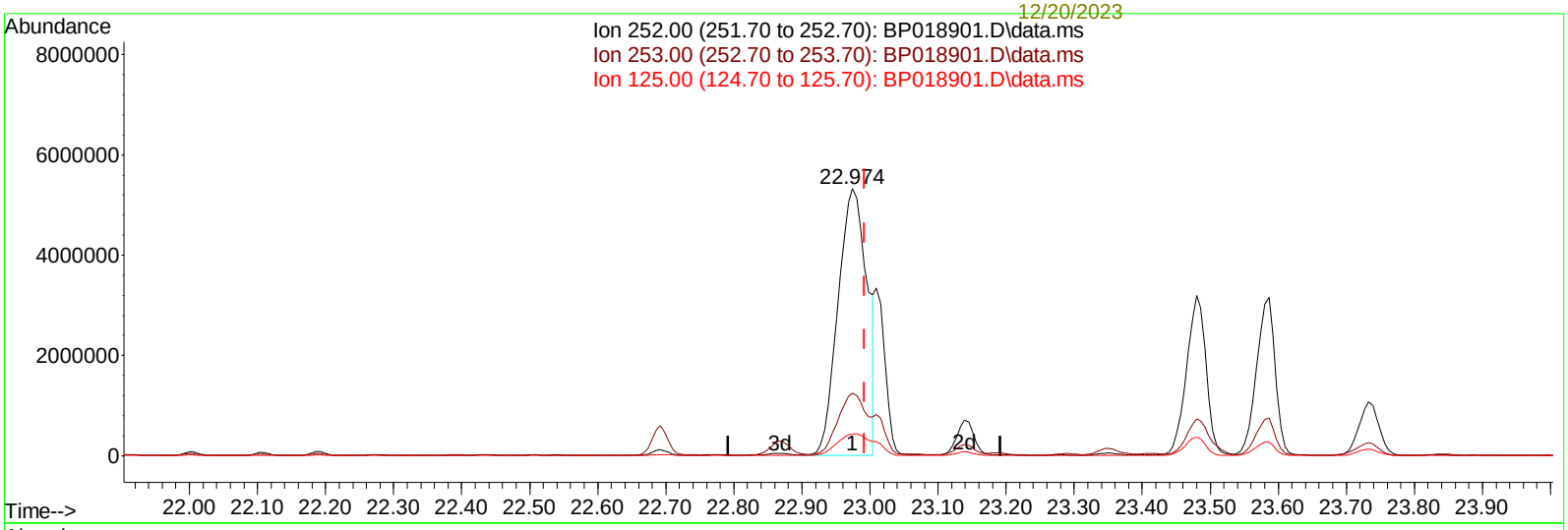

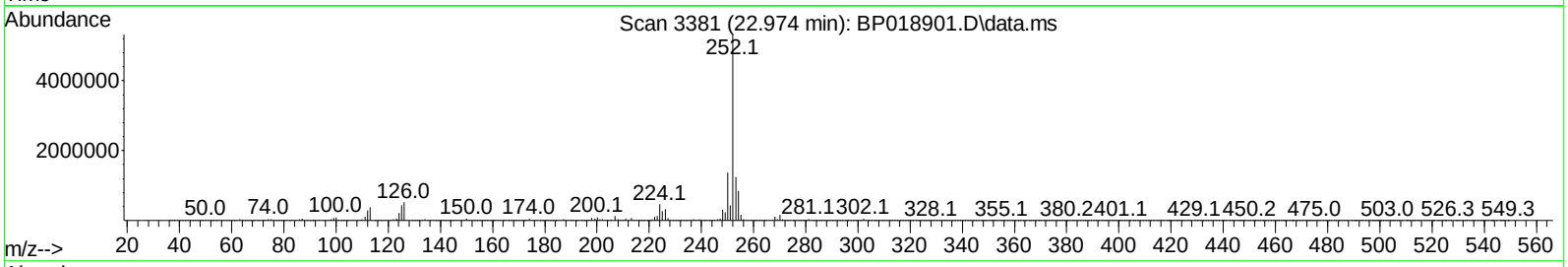

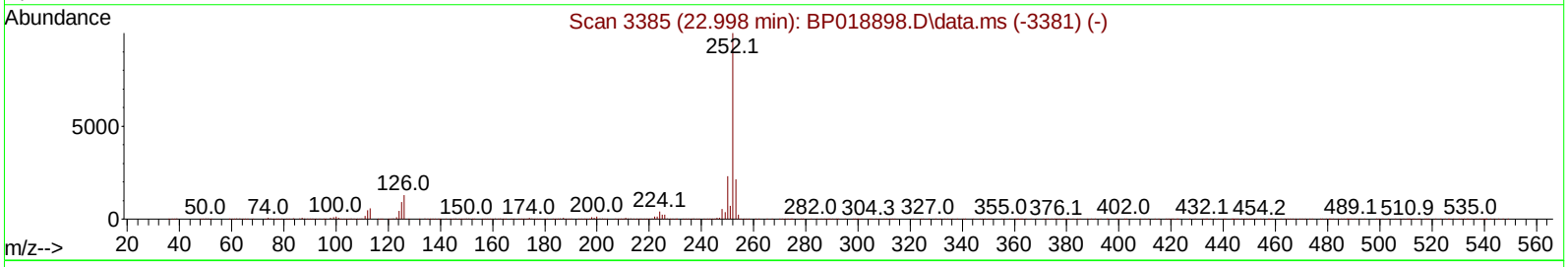

TIC: BP018901.D\data.ms

(91) Benzo(k)fluoranthene

22.974min (-0.018) 176.76 ng/ul

response 15736927

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.44
125.00	10.00	8.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
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Misc :
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Instrument :
BNA_P
ClientSampleId :
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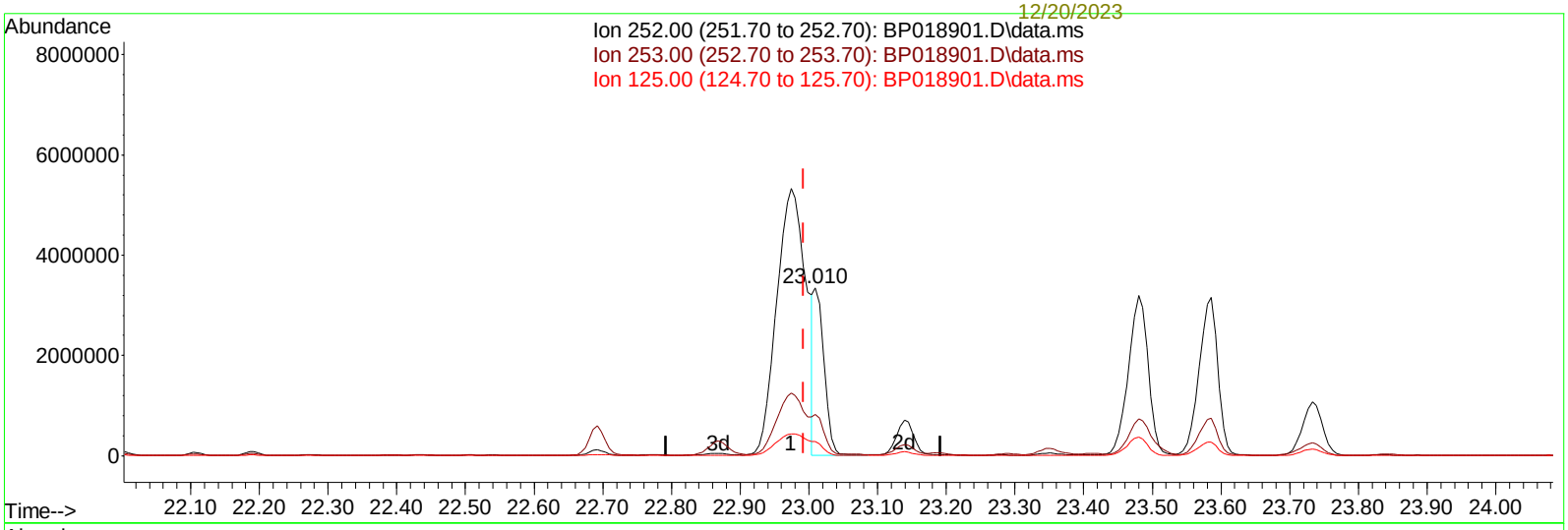

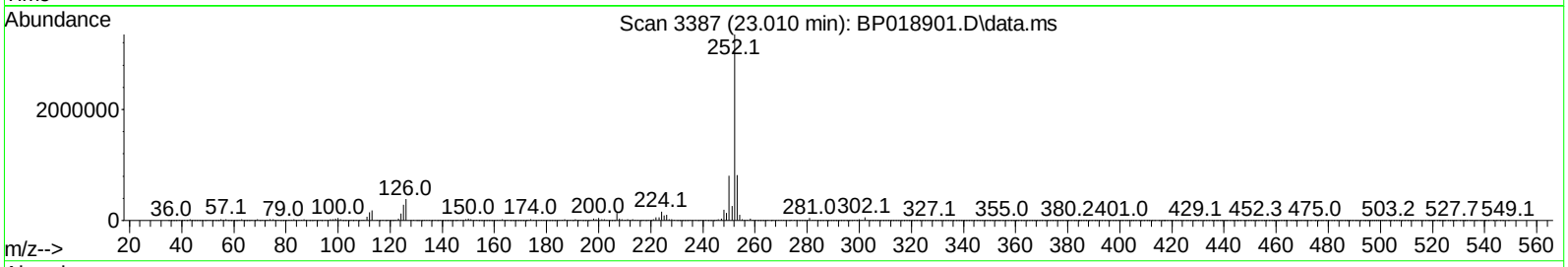

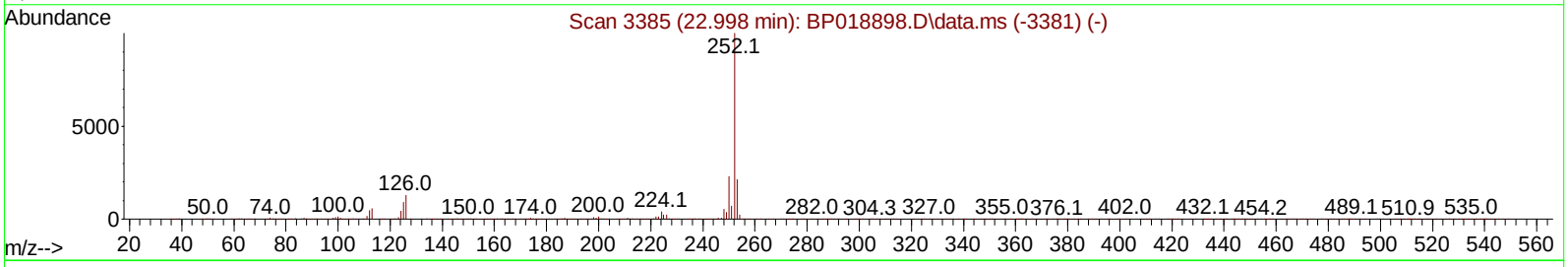

TIC: BP018901.D\data.ms

(91) Benzo(k)fluoranthene

23.010min (+ 0.018) 39.59 ng/ul m

response 3524376

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.48
125.00	10.00	8.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
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Acq On : 18 Dec 2023 11:48
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Misc :
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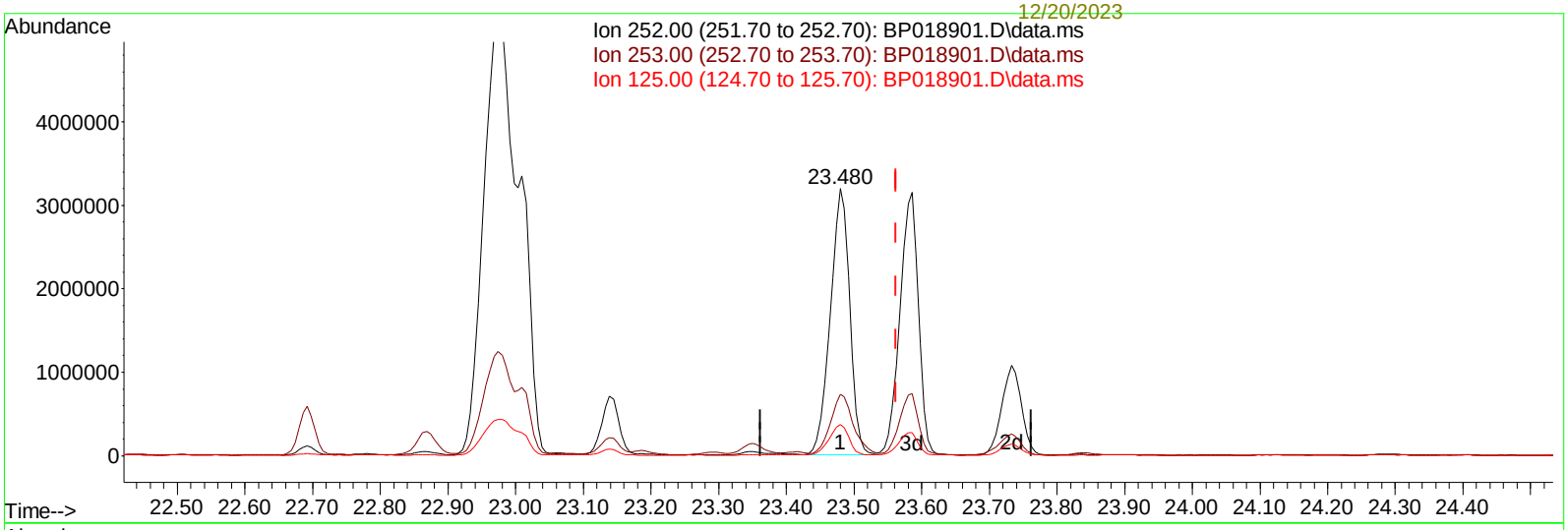

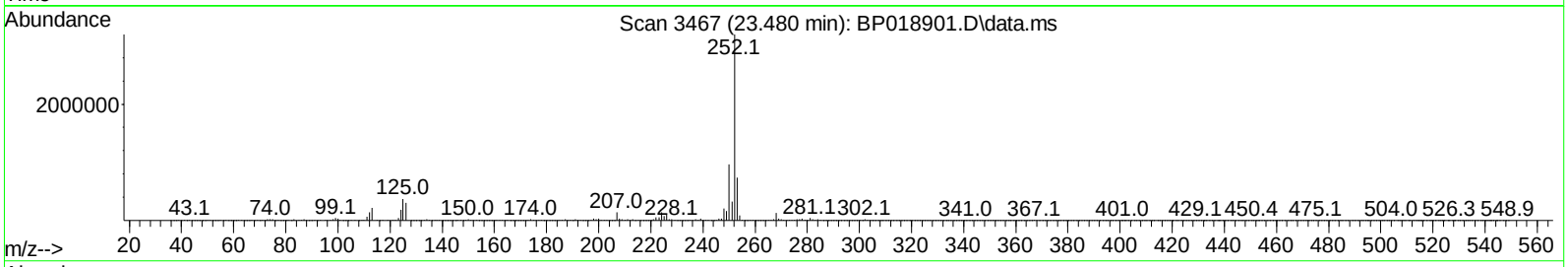

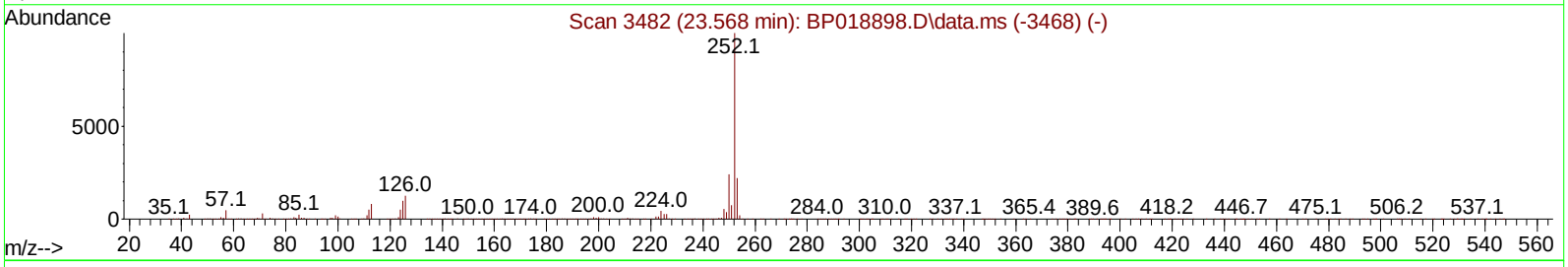

TIC: BP018901.D\data.ms

(93) Benzo(a)pyrene (C)

23.480min (-0.082) 75.57 ng/ul

response 6354010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.07
125.00	11.50	11.66
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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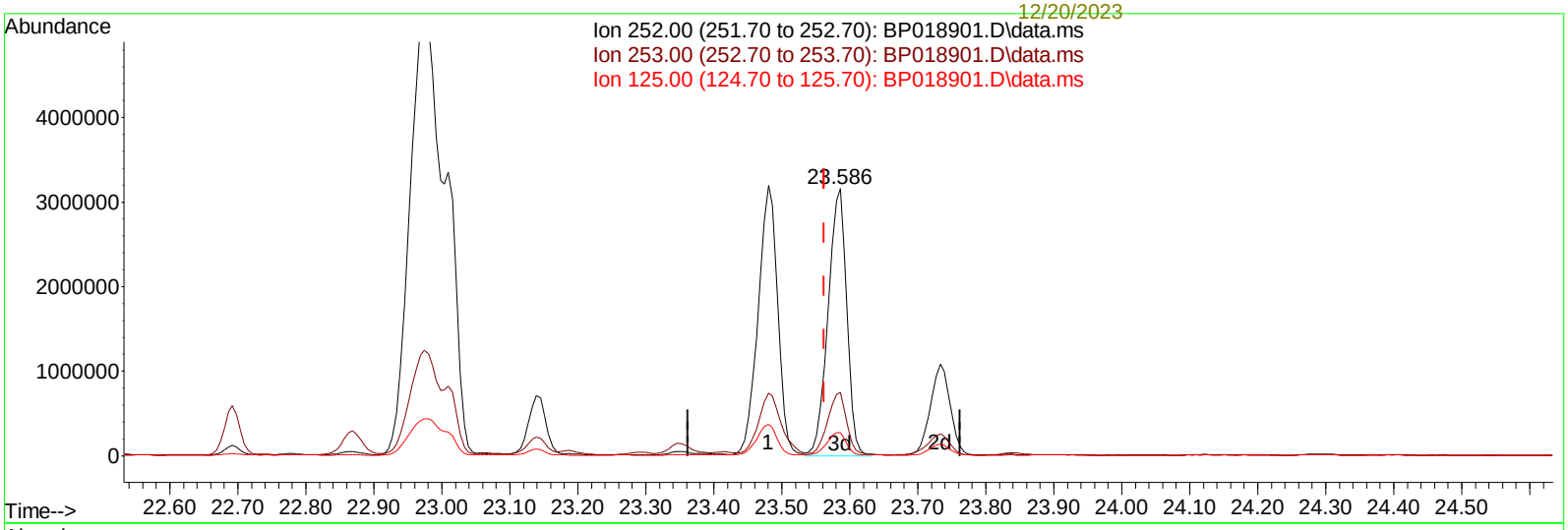

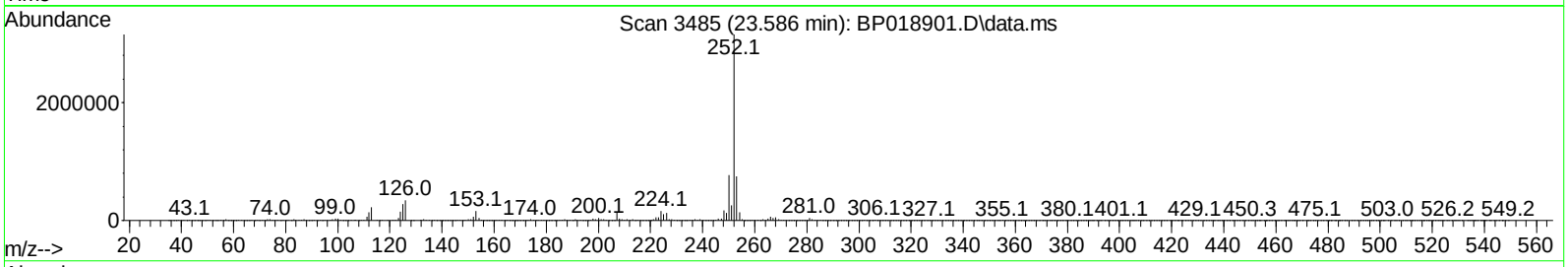

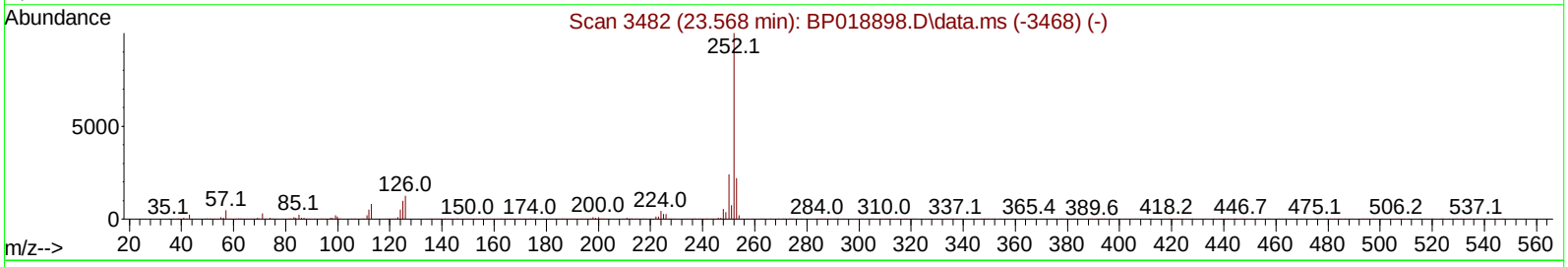

TIC: BP018901.D\data.ms

(93) Benzo(a)pyrene (C)

23.586min (+ 0.023) 71.83 ng/ul m

response 6038954

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.67
125.00	11.50	8.71#
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	7.828	152	222041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	801663	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	469664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	999191	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	997031	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1247987	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24528	3.764	ng/uL	0.00
4) Pyridine-d5	3.681	84	113883	6.525	ng/ul	0.00
7) Phenol-d5	6.999	99	410162	18.407	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	240296	18.195	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	334790	19.255	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	305123	16.920	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	145039	20.328	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	152291	20.587	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.246	165	328763	21.735	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	165092	8.351	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	964449	23.008	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1050765	22.765	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	123178	17.902	ng/ul	0.00
60) Fluorene-d10	15.451	176	831926	23.644	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	96833	16.163	ng/ul	0.00
73) Anthracene-d10	17.310	188	1314592	25.026	ng/ul	0.00
81) Pyrene-d10	19.557	212	1576767	20.316	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	1747954	24.021	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.669	128	86448	1.778	ng/ul	98
36) 2-Methylnaphthalene	12.281	142	65659	1.906	ng/ul	96
37) 1-Methylnaphthalene	12.498	142	62551	1.798	ng/ul	98
50) Acenaphthylene	14.181	152	862527	16.620	ng/ul	100
52) Acenaphthene	14.522	153	2413956	70.352	ng/ul	100
61) Fluorene	15.510	166	1350979	35.801	ng/ul	100
71) Pentachlorophenol	16.863	266	16084	1.920	ng/ul	96
72) Phenanthrene	17.257	178	5134984	85.092	ng/ul	99
74) Anthracene	17.345	178	6344277	104.882	ng/ul	99
80) Fluoranthene	19.227	202	17103414m	186.434	ng/ul	
82) Pyrene	19.586	202	18410874m	198.933	ng/ul	
85) Benzo(a)anthracene	21.292	228	6586559	81.388	ng/ul	96
87) Chrysene	21.351	228	9864775	132.368	ng/ul	95
90) Benzo(b)fluoranthene	22.974	252	15736927	171.026	ng/ul	96
91) Benzo(k)fluoranthene	23.010	252	3524376m	39.586	ng/ul	
93) Benzo(a)pyrene	23.586	252	6038954m	71.826	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.151	276	4800755	47.790	ng/ul#	93
96) Benzo(g,h,i)perylene	26.898	276	1863062	23.045	ng/ul	95

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

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