Quantitation Report (Qedit)

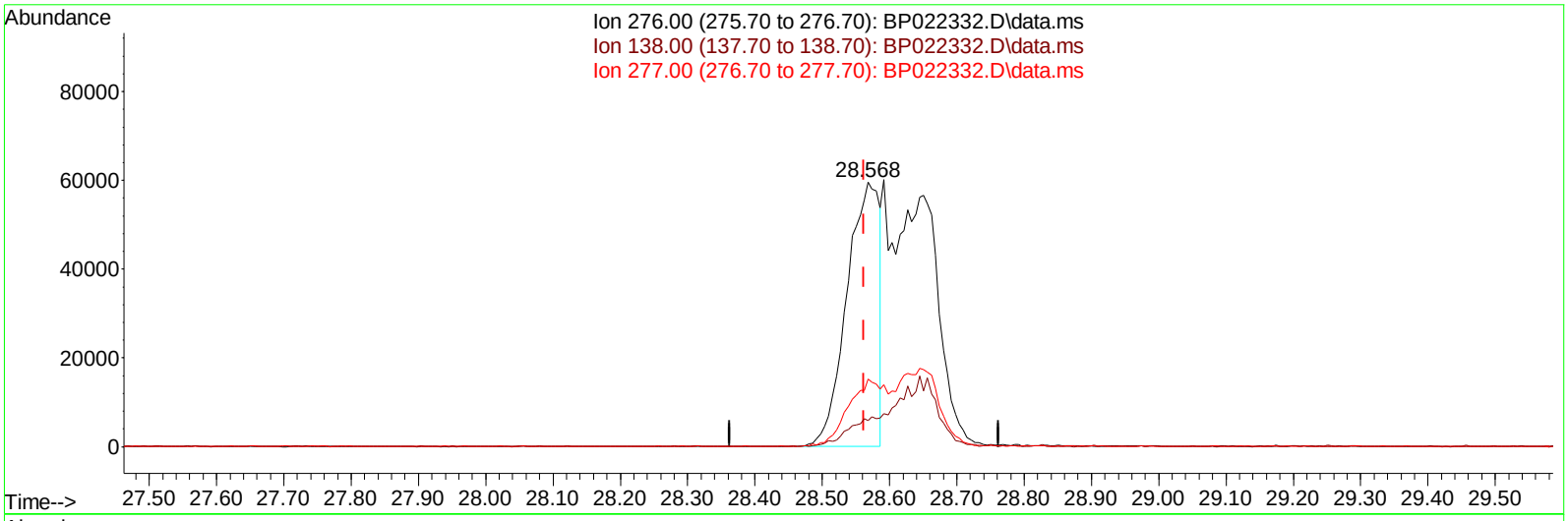
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022332.D
Acq On : 11 Oct 2024 13:11
Operator : RC/JU
Sample : P4237-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

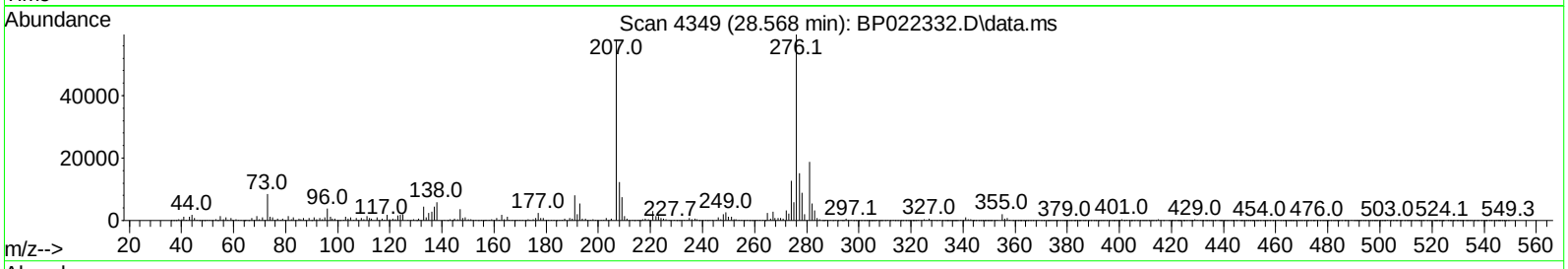
Quant Time: Oct 11 13:36:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

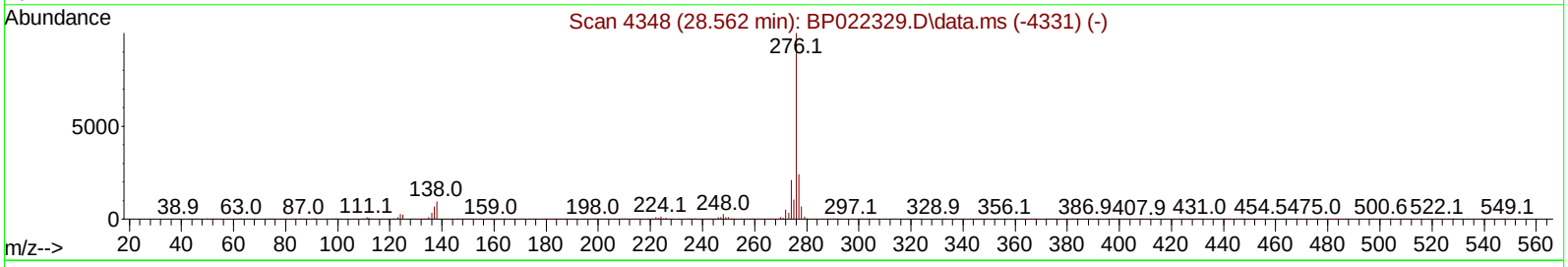
Instrument :
BNA_P
ClientSampleId :
A4E70DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024







TIC: BP022332.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.568min (+ 0.006) 2.96 ng/ul

response 200537

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.99
277.00	23.20	25.47
0.00	0.00	0.00

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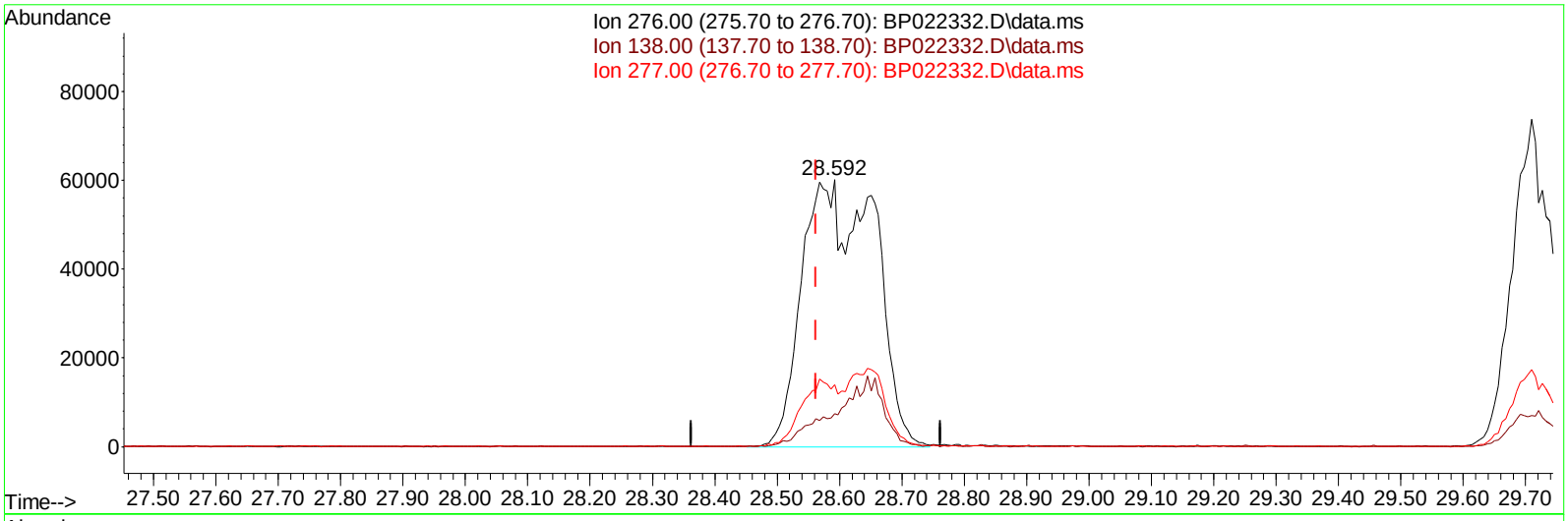

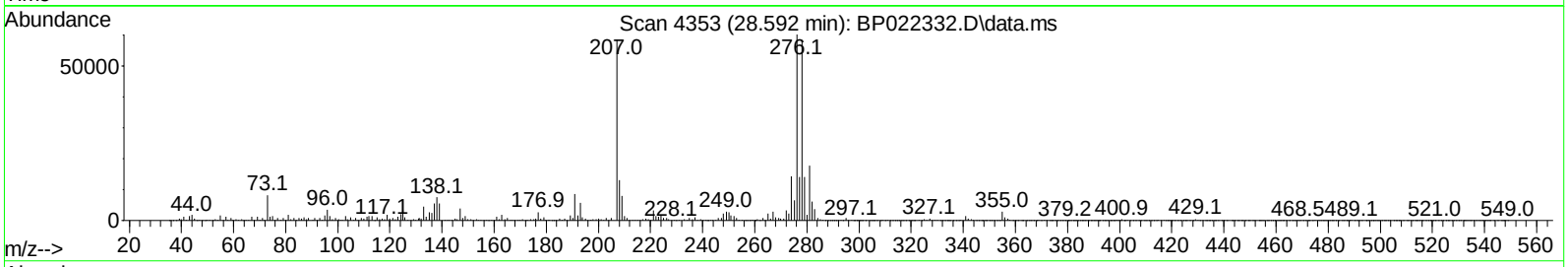

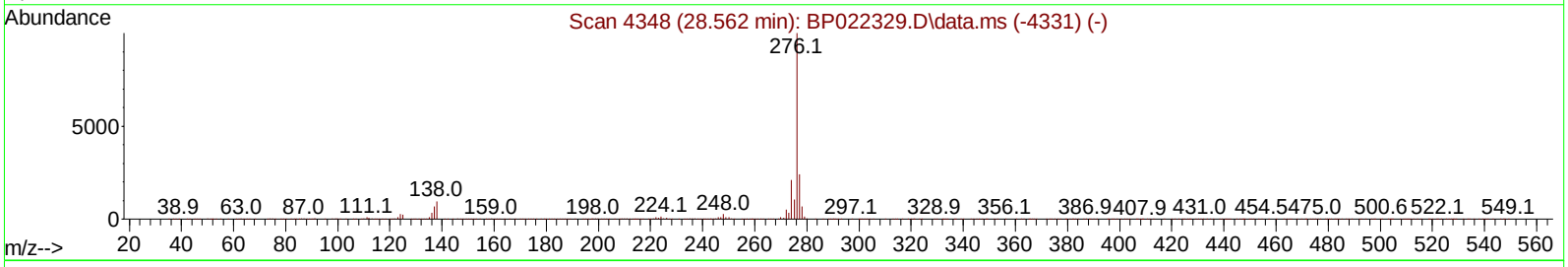

TIC: BP022332.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.592min (+ 0.029) 7.19 ng/ul m

response 486884

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	12.47
277.00	23.20	23.35
0.00	0.00	0.00

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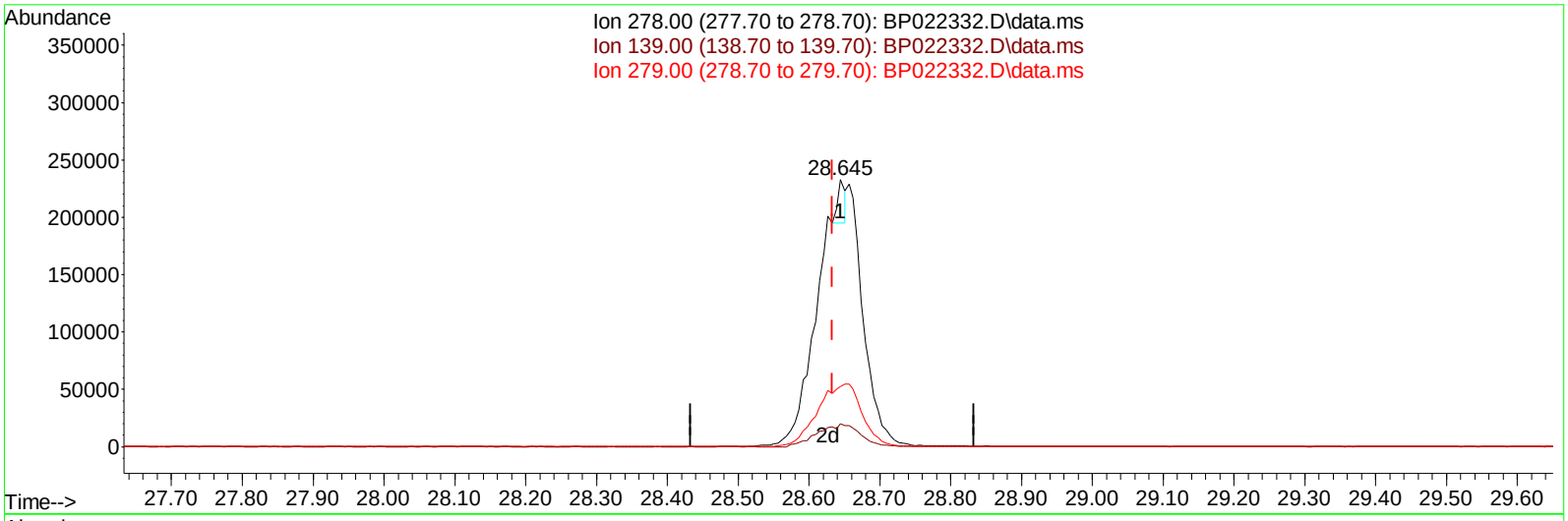

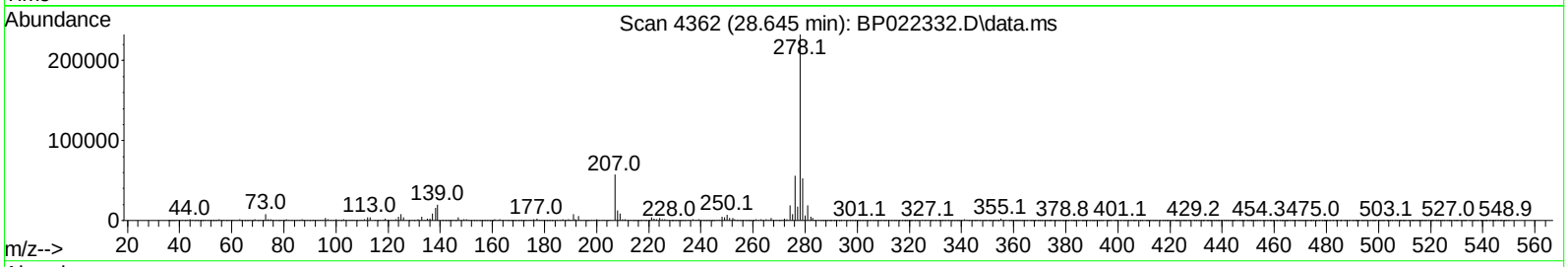

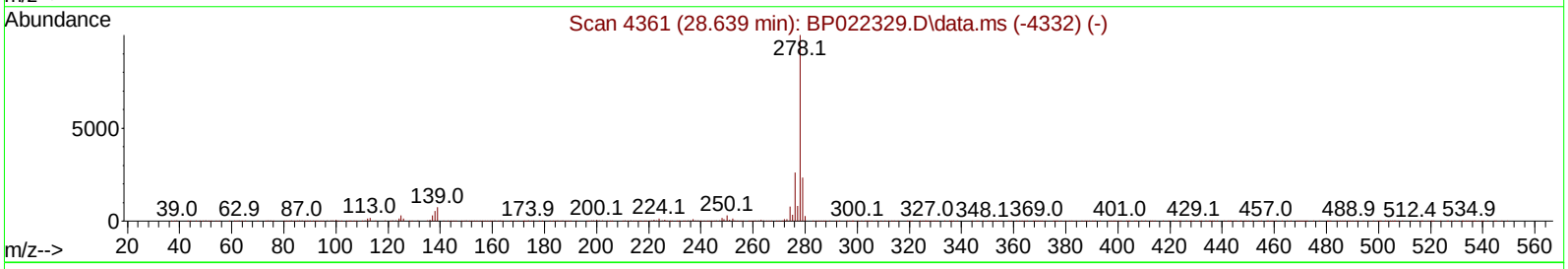

TIC: BP022332.D\data.ms

(95) Dibenzo(a,h)anthracene

28.645min (+ 0.012) 0.51 ng/ul

response 27788

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	8.53
279.00	23.70	22.62
0.00	0.00	0.00

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 13:36:41 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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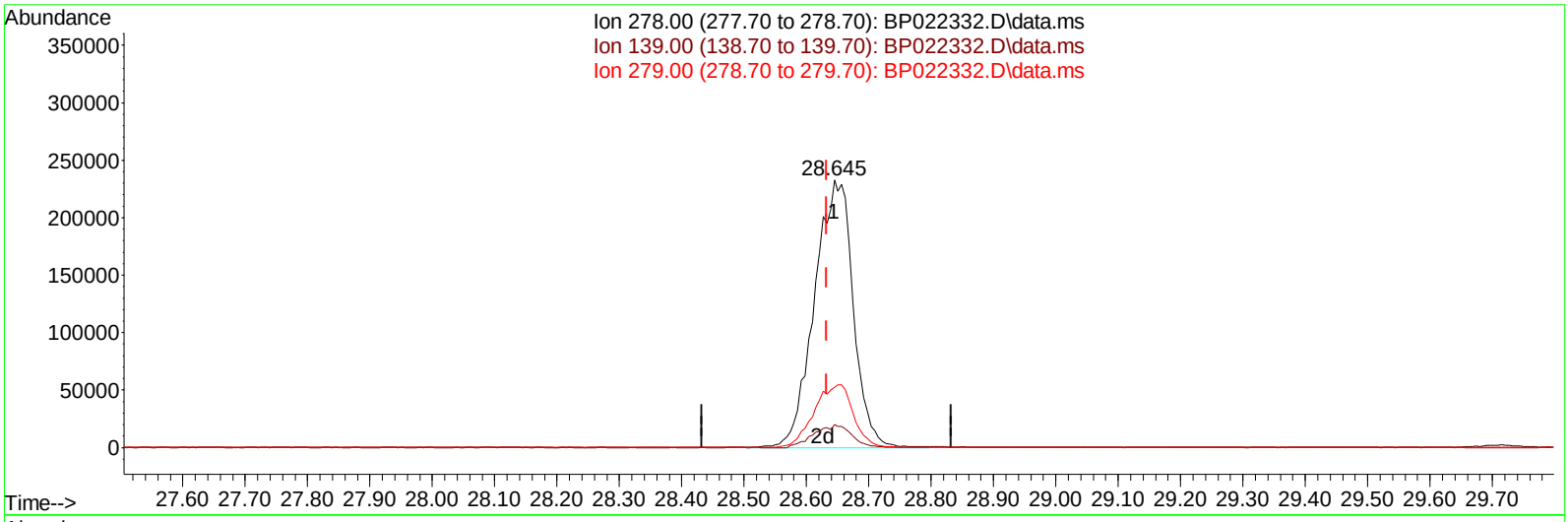

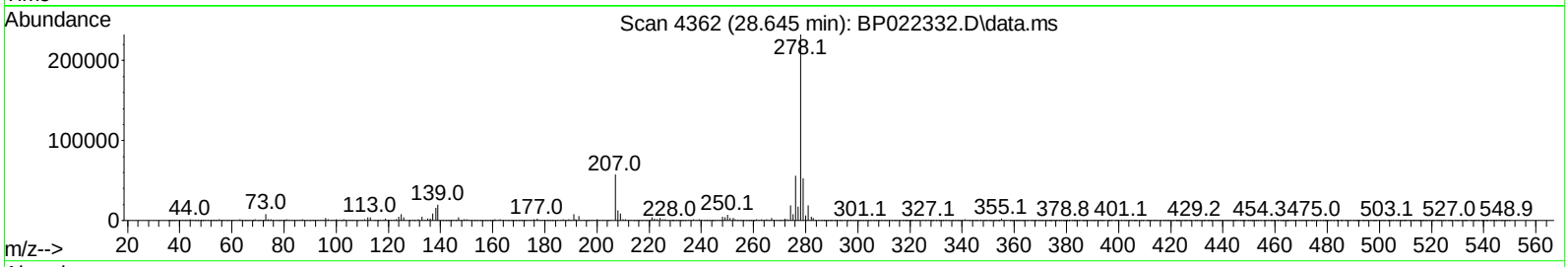

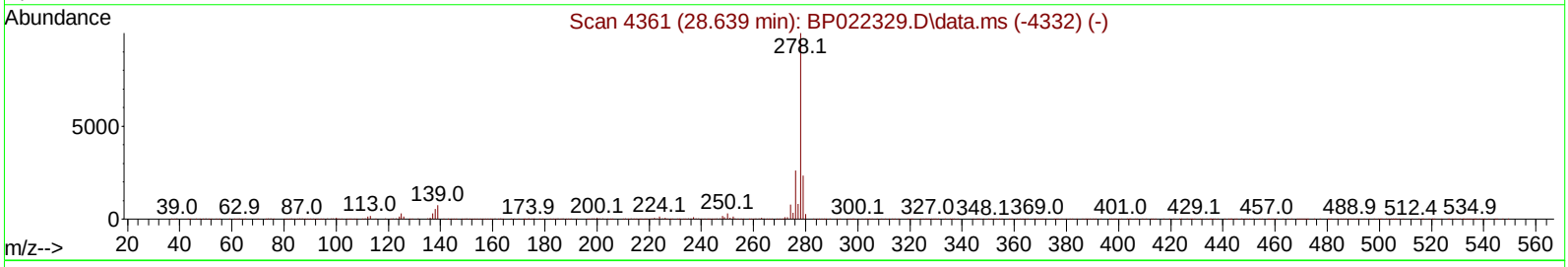

TIC: BP022332.D\data.ms

(95) Dibenzo(a,h)anthracene

28.645min (+ 0.012) 18.29 ng/ul m

response 1002793

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	8.53
279.00	23.70	22.62
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	90595	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.440	136	338593	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.298	164	266237	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.104	188	671695	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	731475	20.000	ng/ul	0.00
88) Perylene-d12	24.839	264	875653	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1030	0.442	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.863	99	39351	5.160	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.011	67	24814	5.536	ng/ul	-0.03
11) 2-Chlorophenol-d4	7.216	132	29554	5.462	ng/ul	-0.03
15) 4-Methylphenol-d8	8.375	113	35497	5.833	ng/ul	-0.03
21) Nitrobenzene-d5	8.816	128	16370	6.288	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.528	143	17672	5.863	ng/ul	-0.03
28) 2,4-Dichlorophenol-d3	10.069	165	46183	7.209	ng/ul	-0.03
31) 4-Chloroaniline-d4	10.575	131	23153	3.059	ng/ul	-0.02
46) Dimethylphthalate-d6	13.698	166	138953	6.569	ng/ul	-0.02
49) Acenaphthylene-d8	13.987	160	165339	7.359	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.522	143	19955	5.623	ng/ul	0.00
60) Fluorene-d10	15.298	176	148562	8.097	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.445	200	15951	3.611	ng/ul	0.00
73) Anthracene-d10	17.210	188	262739	8.315	ng/ul	0.00
81) Pyrene-d10	19.586	212	345422	8.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	390563	8.352	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	6.887	94	51457	6.485	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.105	93	226075	38.073	ng/ul	98
12) 2-Chlorophenol	7.252	128	90997	16.262	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.463	70	203896	40.055	ng/ul	95
19) Hexachloroethane	8.734	117	57406	22.029	ng/ul	98
22) Nitrobenzene	8.857	77	59765	7.691	ng/ul	98
23) Isophorone	9.381	82	493019	35.384	ng/ul	98
25) 2-Nitrophenol	9.557	139	31198	9.604	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.852	93	314226	39.718	ng/ul	98
29) 2,4-Dichlorophenol	10.099	162	147945	23.452	ng/ul	98
33) Hexachlorobutadiene	10.769	225	153221	28.817	ng/ul	98
35) 4-Chloro-3-methylphenol	11.728	107	64628	9.389	ng/ul	99
36) 2-Methylnaphthalene	12.099	142	157489	11.897	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	244880	39.546	ng/ul	97
42) 2,4,5-Trichlorophenol	12.793	196	58758	8.912	ng/ul	98
48) 2,6-Dinitrotoluene	13.869	165	213550	53.563	ng/ul	96
50) Acenaphthylene	14.016	152	104406	4.478	ng/ul	98
52) Acenaphthene	14.363	153	427432	25.923	ng/ul	98
55) 4-Nitrophenol	14.534	109	72758	18.473	ng/ul	92
57) 2,4-Dinitrotoluene	14.675	165	220884	35.654	ng/ul	97
61) Fluorene	15.357	166	794793	39.384	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	143947	12.473	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	71905	8.877	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.392	284	516001	51.753	ng/ul	98
71) Pentachlorophenol	16.745	266	309590	48.292	ng/ul	96
72) Phenanthrene	17.151	178	359427	10.002	ng/ul	100
74) Anthracene	17.245	178	363556	10.138	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1298869	36.993	ng/ul	100
80) Fluoranthene	19.239	202	1695708	38.132	ng/ul	99
82) Pyrene	19.616	202	718450	15.074	ng/ul	99
83) Butylbenzylphthalate	20.563	149	155647	9.380	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1459961	28.471	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	930395	39.061	ng/ul	99
87) Chrysene	21.592	228	2143839	45.088	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	2181264	39.574	ng/ul#	98
93) Benzo(a)pyrene	24.686	252	450713	8.885	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	486884m	7.192	ng/ul	
95) Dibenzo(a,h)anthracene	28.645	278	1002793m	18.293	ng/ul	
96) Benzo(g,h,i)perylene	29.709	276	332295	6.311	ng/ul	99

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

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