Quantitation Report (Qedit)

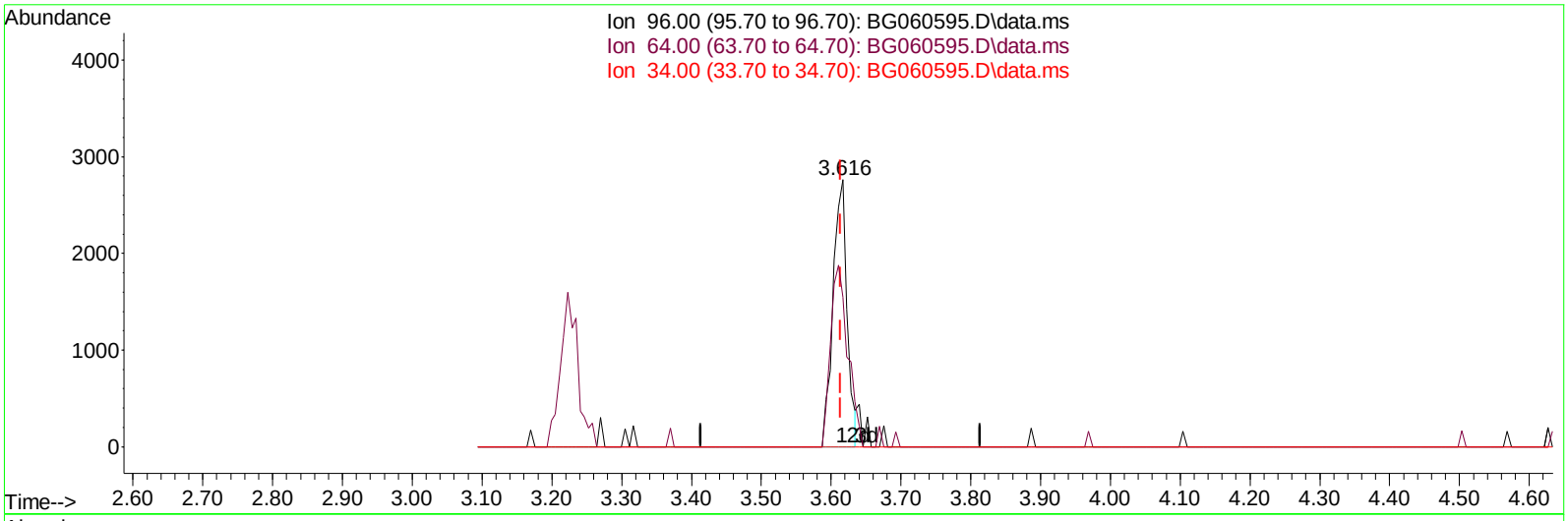
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030824\
Data File : BG060595.D
Acq On : 8 Mar 2024 11:14
Operator : MA/JU
Sample : SSTD00579
Misc :
ALS Vial : 2 Sample Multiplier: 1

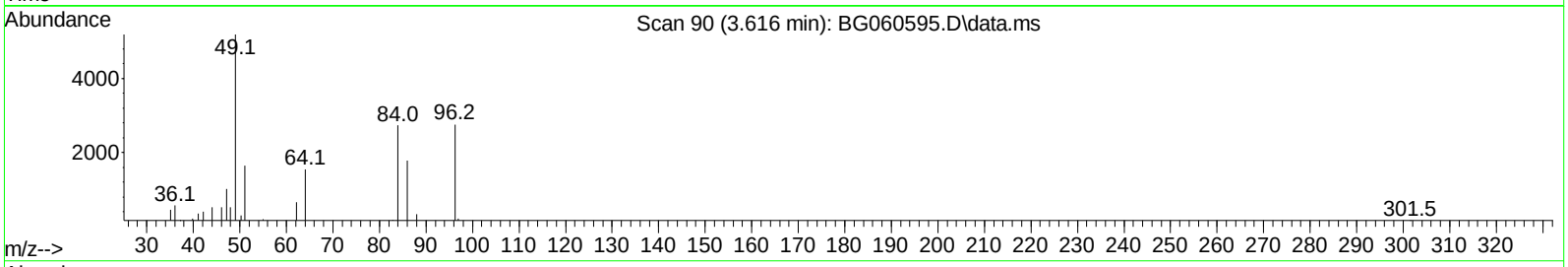
Quant Time: Mar 08 13:52:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 13:47:57 2024
Response via : Initial Calibration

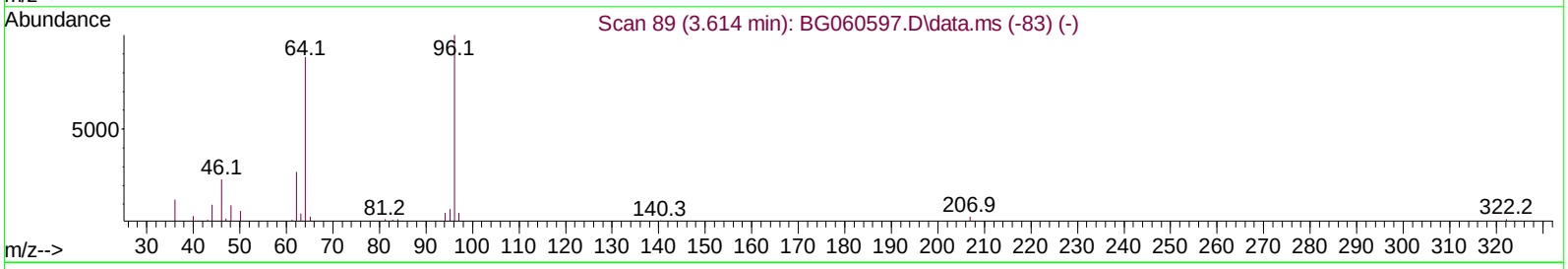
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024







TIC: BG060595.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.616min (+ 0.003) 2.20 ng/uL

response 3808

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	88.30	56.03#
34.00	0.00	0.00
0.00	0.00	0.00

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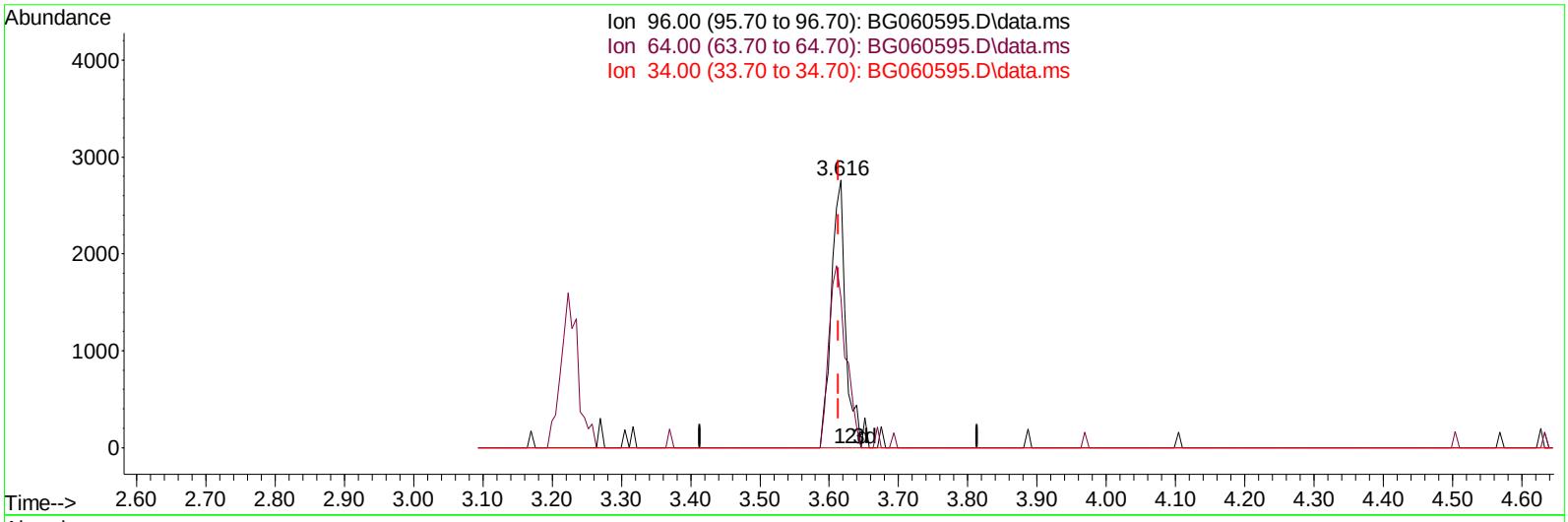

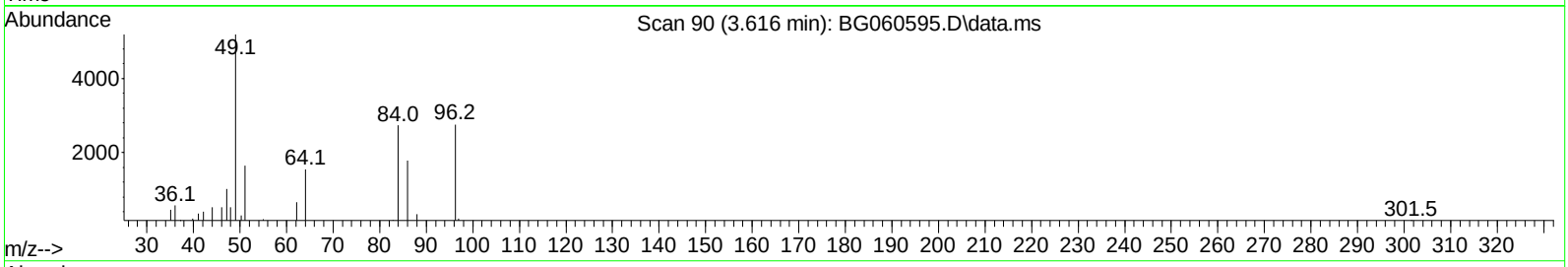

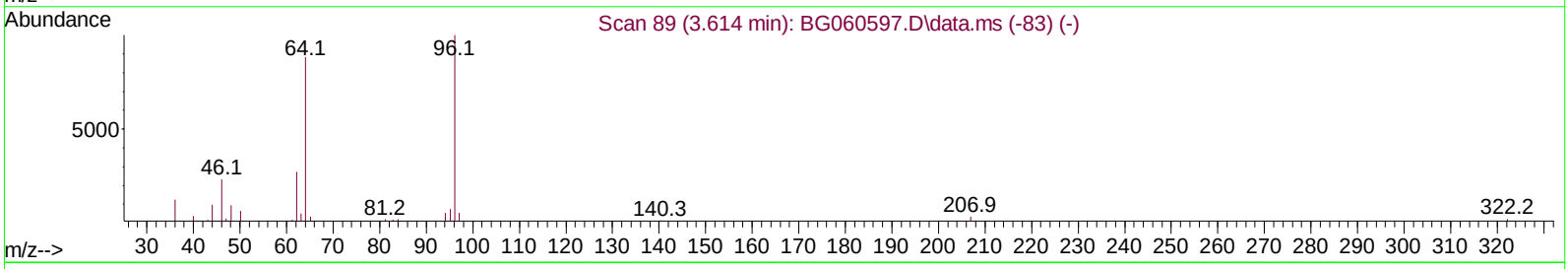

TIC: BG060595.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.616min (+ 0.003) 2.29 ng/uL m

response 3962

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	88.30	56.03#
34.00	0.00	0.00
0.00	0.00	0.00

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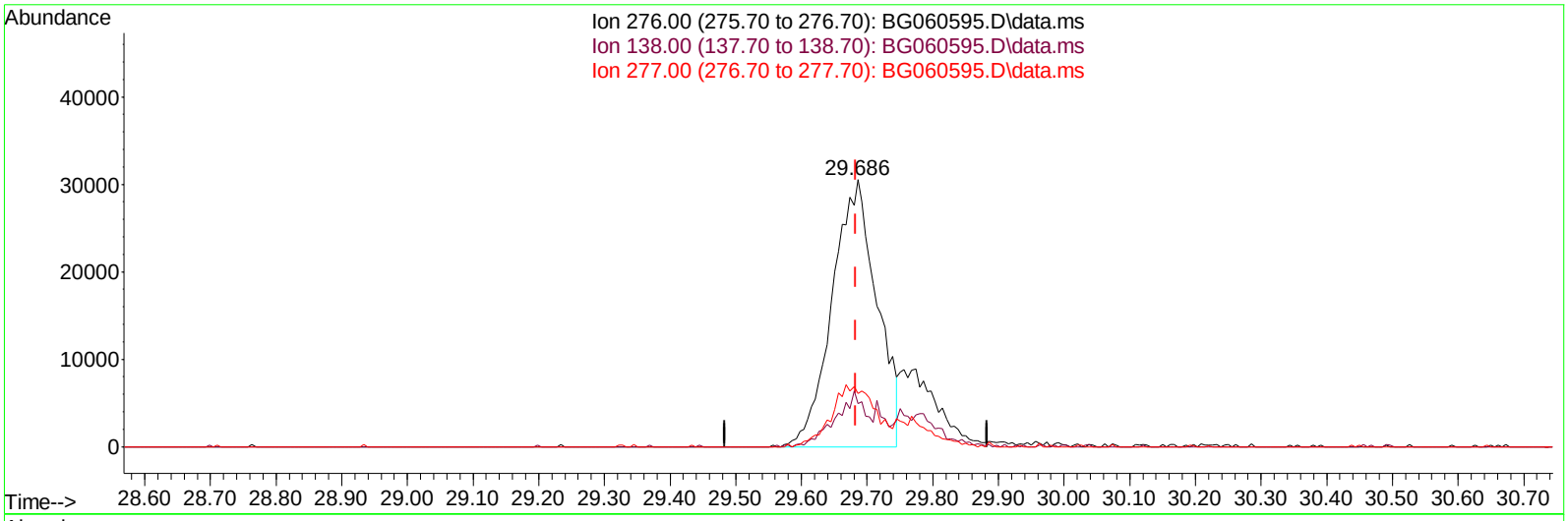

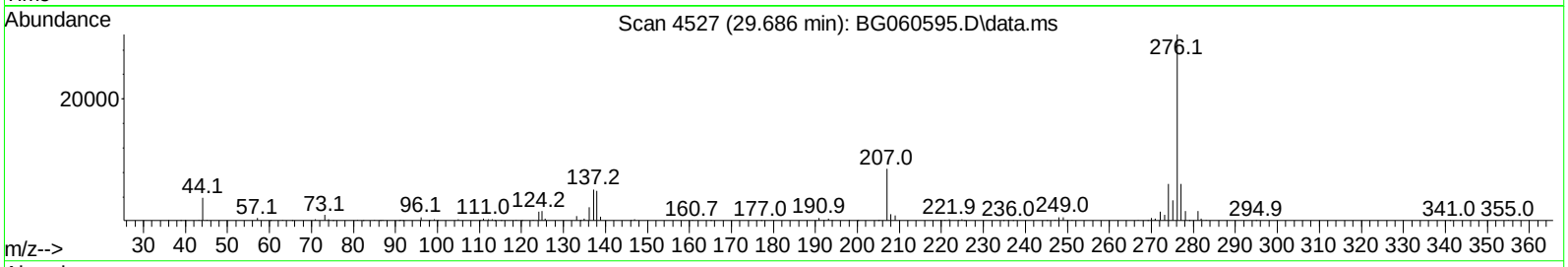

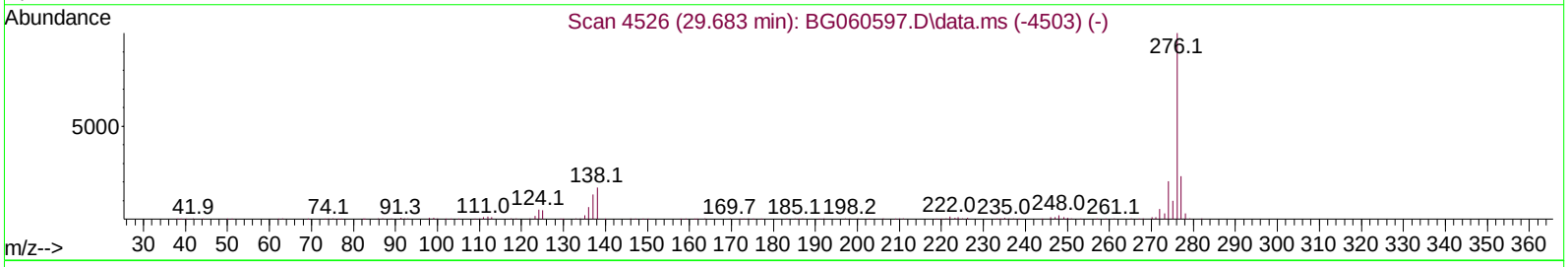

TIC: BG060595.D\data.ms

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

29.686min (+ 0.003) 3.46 ng/ul

response 144102

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	16.24
277.00	23.10	20.01
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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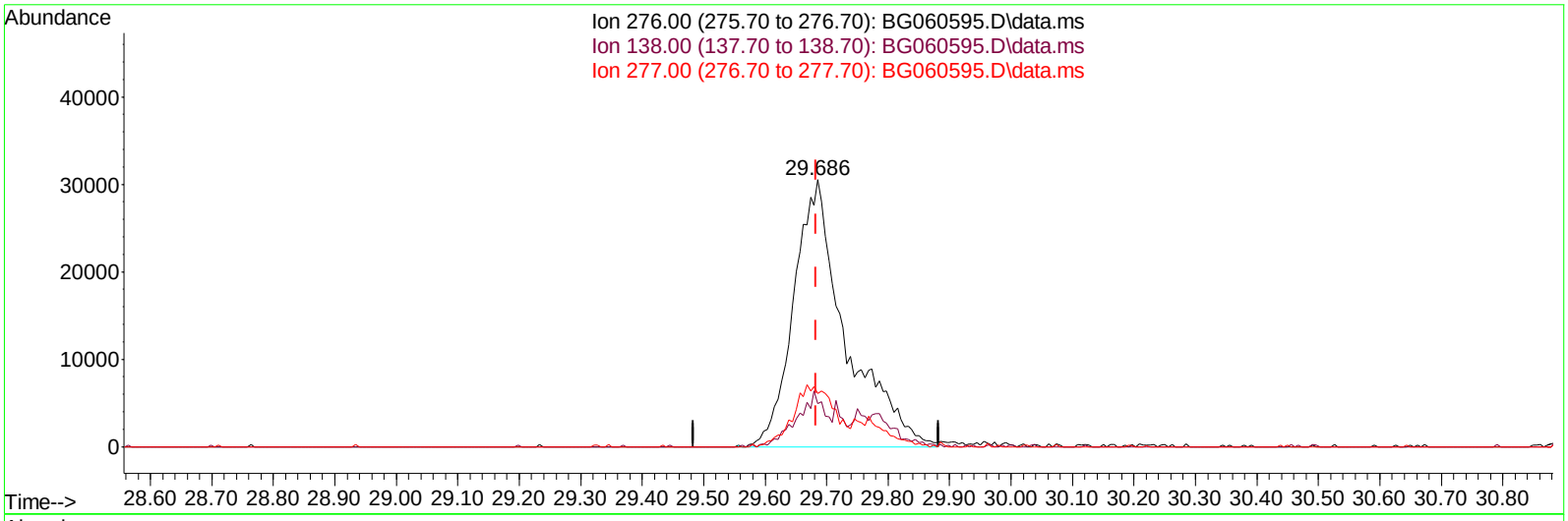

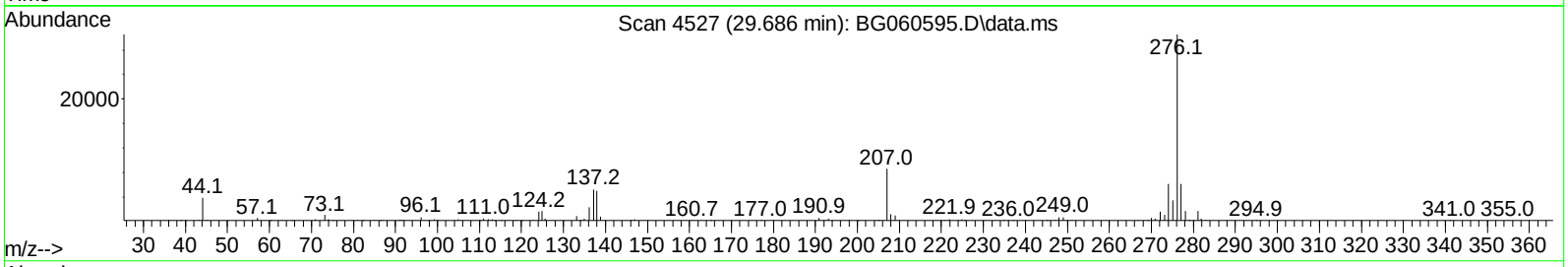

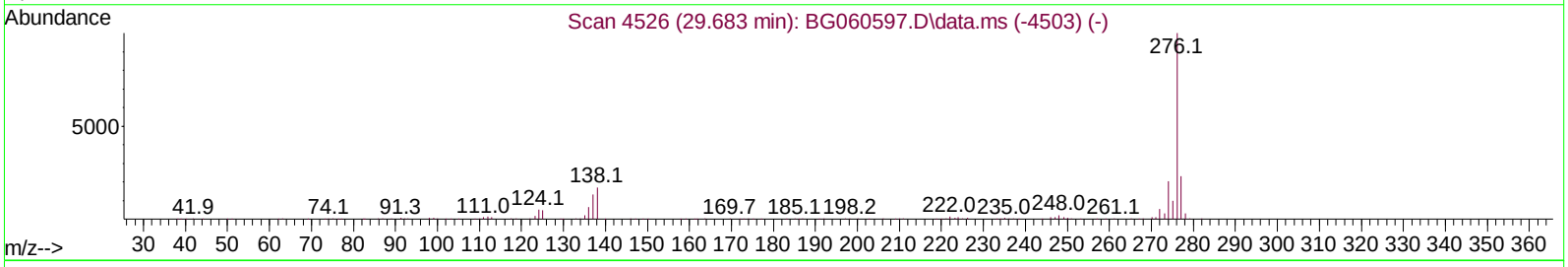

TIC: BG060595.D\data.ms

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

29.686min (+ 0.003) 4.30 ng/ul m

response 178891

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	16.24
277.00	23.10	20.01
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	8.323	152	81234	20.000	ng/ul	0.00
20) Naphthalene-d8	11.166	136	377868	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.950	164	254976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.700	188	573126	20.000	ng/ul	0.00
79) Chrysene-d12	22.018	240	502370	20.000	ng/ul	0.00
88) Perylene-d12	25.567	264	564575	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.616	96	3962m	2.289	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.835	132	25844	4.830	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.515	128	8657	3.181	ng/ul	0.00
24) 2-Nitrophenol-d4	10.238	143	8315	2.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.761	165	26750	4.000	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.345	166	94190	4.537	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	110456	4.709	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.931	176	88051	4.864	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.794	188	129464	4.711	ng/ul	0.00
81) Pyrene-d10	20.062	212	137498	4.559	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.314	264	128786	4.340	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	3549	1.805	ng/uL#	71
12) 2-Chlorophenol	7.870	128	26917	4.868	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.122	70	23606	4.281	ng/ul#	91
19) Hexachloroethane	9.410	117	10812	4.534	ng/ul	96
22) Nitrobenzene	9.568	77	26014	3.472	ng/ul#	92
23) Isophorone	10.074	82	71174	4.300	ng/ul	99
25) 2-Nitrophenol	10.267	139	9511	2.975	ng/ul	97
26) 2,4-Dimethylphenol	10.291	107	33074	4.736	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.555	93	43439	4.618	ng/ul	99
29) 2,4-Dichlorophenol	10.790	162	26845	4.144	ng/ul	100
30) Naphthalene	11.219	128	107005	5.121	ng/ul	99
33) Hexachlorobutadiene	11.454	225	21127	4.018	ng/ul	95
35) 4-Chloro-3-methylphenol	12.394	107	33446	5.001	ng/ul#	91
36) 2-Methylnaphthalene	12.800	142	69189	4.775	ng/ul	99
37) 1-Methylnaphthalene	13.017	142	70581	4.852	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.141	216	39346	4.315	ng/ul	97
41) 2,4,6-Trichlorophenol	13.376	196	22416	4.022	ng/ul	97
42) 2,4,5-Trichlorophenol	13.446	196	24447	4.131	ng/ul	97
43) 1,1'-Biphenyl	13.787	154	98426	5.146	ng/ul	97
44) 2-Chloronaphthalene	13.840	162	76833	4.790	ng/ul	98
45) 2-Nitroaniline	14.051	65	15994	3.905	ng/ul	90
47) Dimethylphthalate	14.392	163	99003	4.756	ng/ul	98
48) 2,6-Dinitrotoluene	14.533	165	10233	2.731	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.680	152	128765	4.955	ng/ul	99
52) Acenaphthene	15.015	153	87952	5.074	ng/ul	99
56) Dibenzofuran	15.344	168	118902	4.925	ng/ul	99
57) 2,4-Dinitrotoluene	15.303	165	14177	2.617	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.544	232	19869	3.649	ng/ul	98
59) Diethylphthalate	15.737	149	102086	5.062	ng/ul	96
61) Fluorene	15.990	166	98344	4.936	ng/ul#	98
62) 4-Chlorophenyl-phenyle...	15.978	204	48680	4.507	ng/ul	98
67) N-Nitrosodiphenylamine	16.190	169	84477	5.186	ng/ul	98
68) 4-Bromophenyl-phenylether	16.877	248	29001	4.316	ng/ul	96
69) Hexachlorobenzene	16.960	284	36119	4.602	ng/ul#	93
72) Phenanthrene	17.741	178	157404	5.111	ng/ul	97
74) Anthracene	17.835	178	155636	4.966	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.746	216	37641	4.458	ng/uL	96
76) Pentachlorobenzene	15.238	250	41545	4.718	ng/uL	87
78) Di-n-butylphthalate	18.622	149	149364	4.793	ng/ul	97
80) Fluoranthene	19.733	202	168353	4.931	ng/ul	96
82) Pyrene	20.097	202	178141	5.018	ng/ul	99
83) Butylbenzylphthalate	20.961	149	55414	4.317	ng/ul	98
85) Benzo(a)anthracene	21.995	228	174219	4.957	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.842	149	86961	4.533	ng/ul	100
87) Chrysene	22.065	228	167921	5.080	ng/ul	99
90) Benzo(b)fluoranthene	24.416	252	152807	4.403	ng/ul	98
91) Benzo(k)fluoranthene	24.492	252	163619	4.531	ng/ul	100
93) Benzo(a)pyrene	25.403	252	150709	4.470	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.686	276	178891m	4.301	ng/ul	
95) Dibenzo(a,h)anthracene	29.774	278	146758	4.311	ng/ul	98
96) Benzo(g,h,i)perylene	30.984	276	146536	4.360	ng/ul#	90

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

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