Quantitation Report (Qedit)

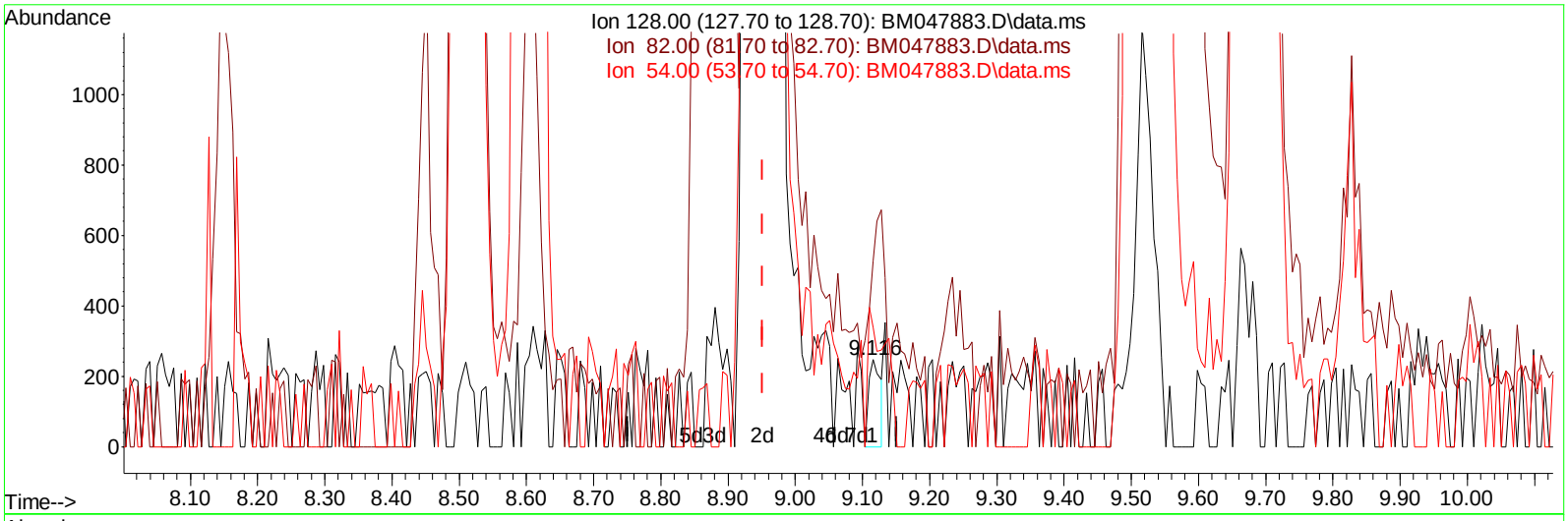
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047883.D
Acq On : 07 Oct 2024 13:31
Operator : RC/JU
Sample : P4131-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

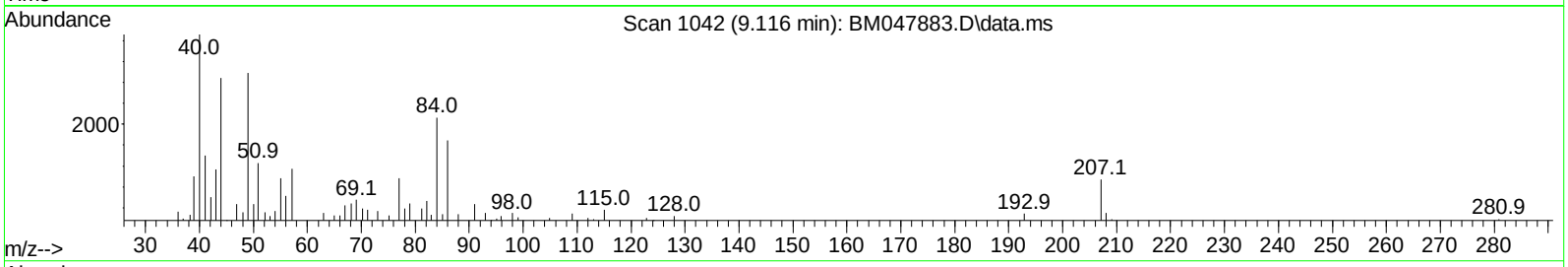
Quant Time: Oct 07 14:04:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

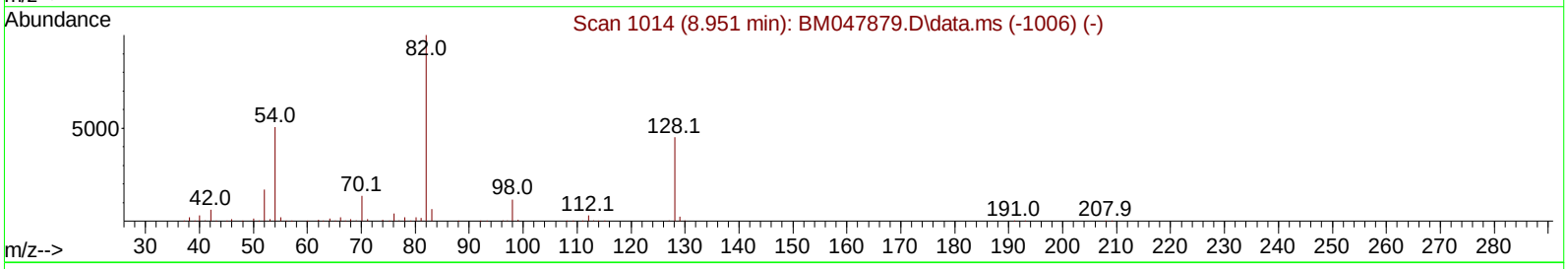
Instrument :
BNA_M
ClientSampleId :
A4E67

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047883.D\data.ms

(21) Nitrobenzene-d5 (S)

9.116min (+ 0.165) 0.04 ng/ul

response 297

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	266.90	213.77
54.00	152.80	137.25
0.00	0.00	0.00

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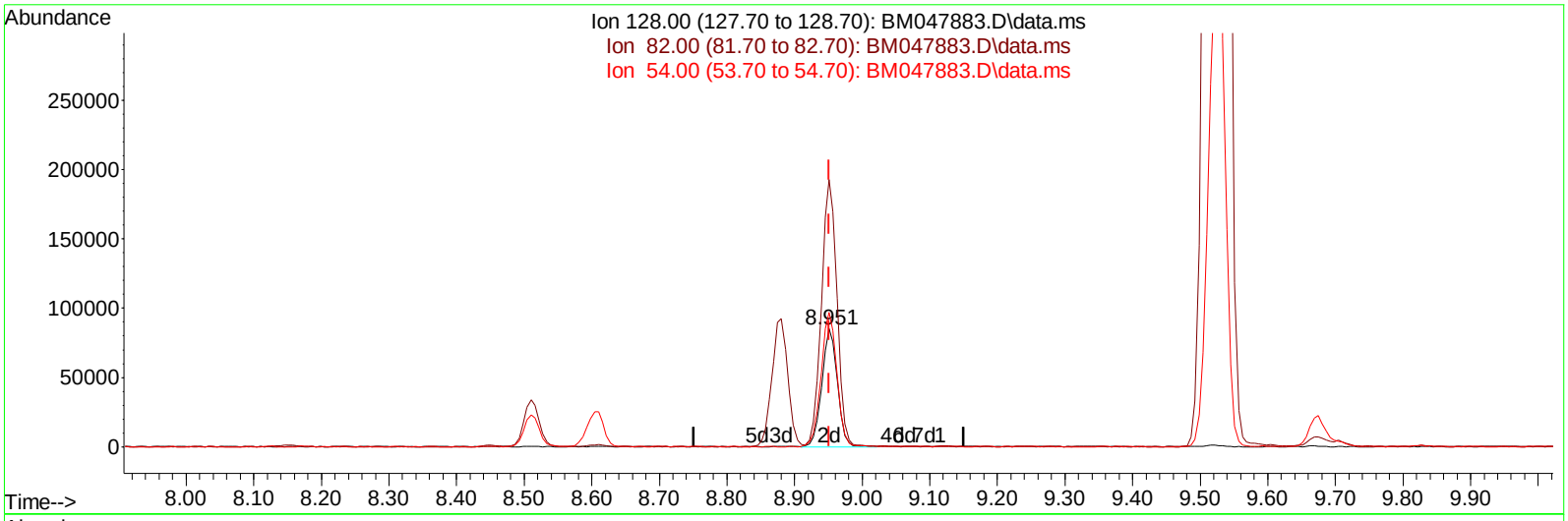

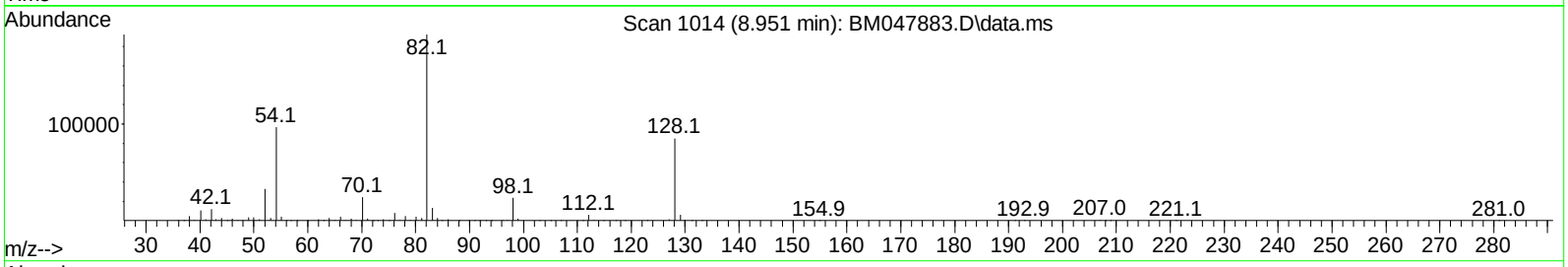

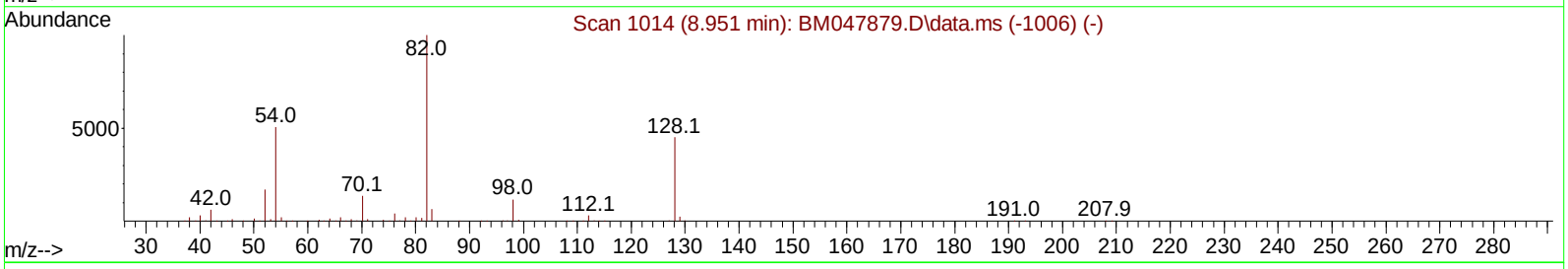

TIC: BM047883.D\data.ms

(21) Nitrobenzene-d5 (S)

8.951min (+ 0.000) 19.98 ng/ul m

response 136779

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	266.90	226.33
54.00	152.80	113.92#
0.00	0.00	0.00

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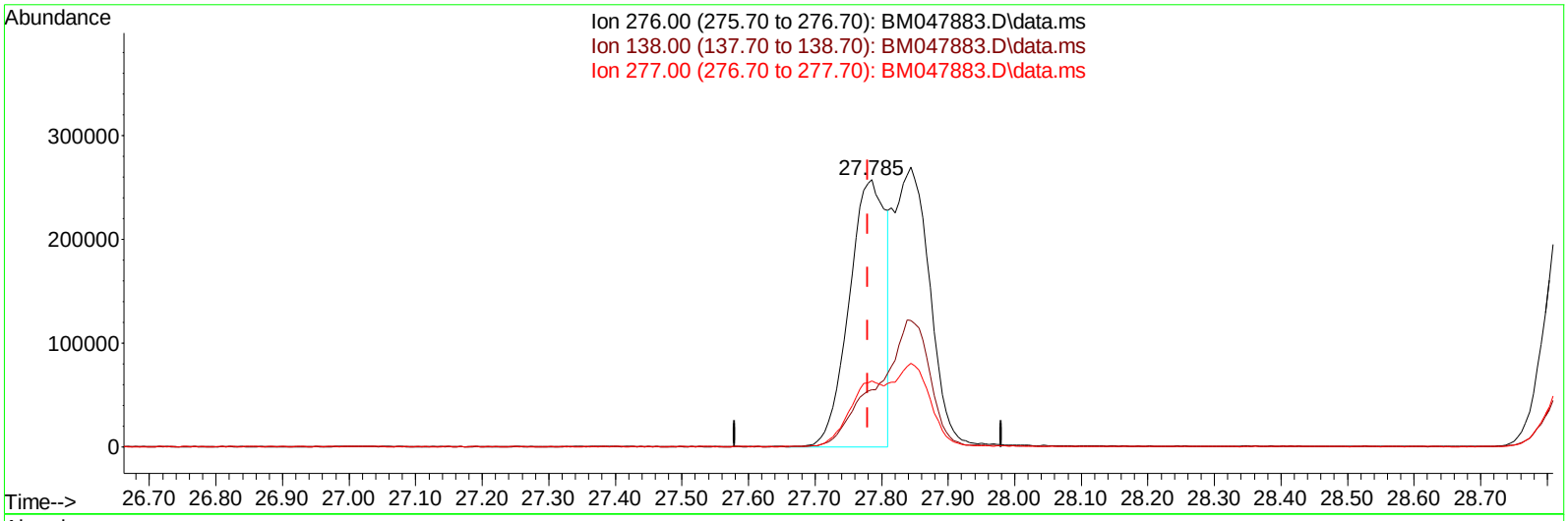

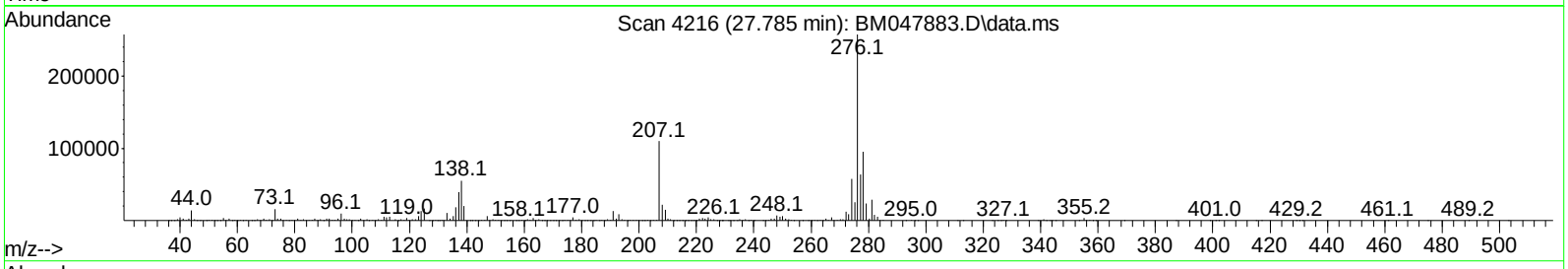

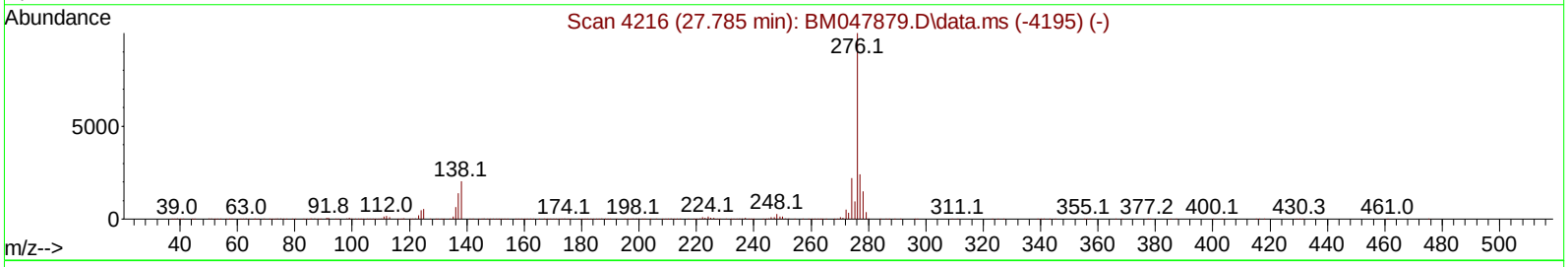

TIC: BM047883.D\data.ms

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

27.785min (+ 0.006) 11.76 ng/ul

response 976314

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	21.47
277.00	23.60	24.63
0.00	0.00	0.00

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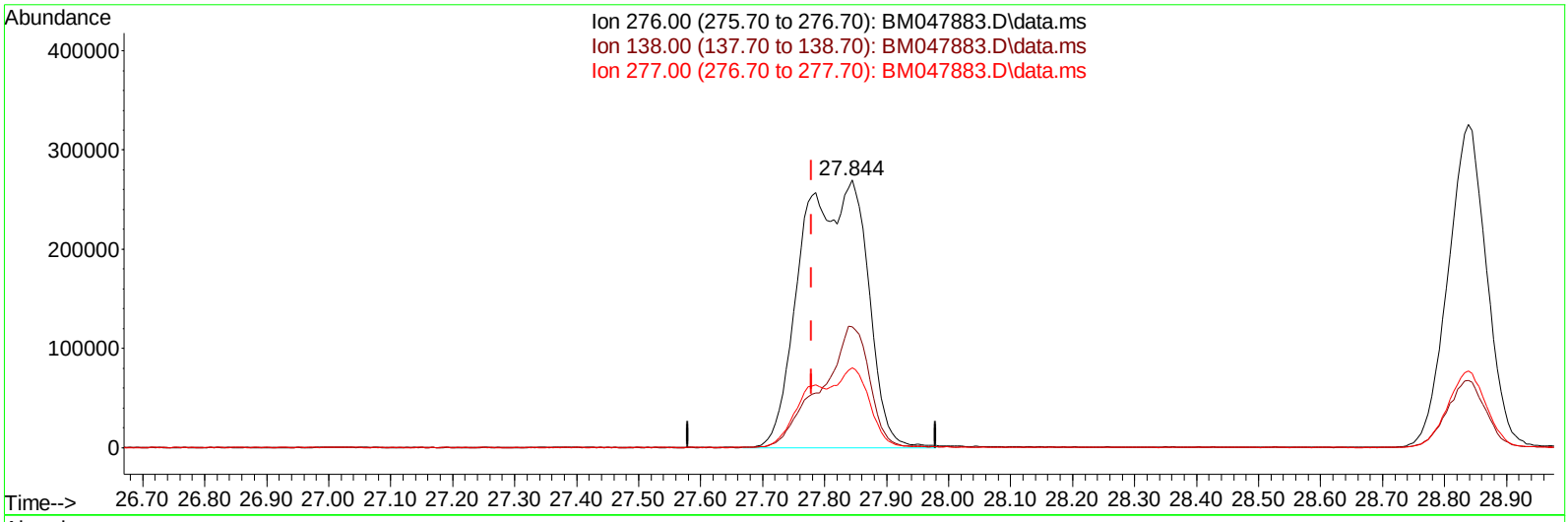

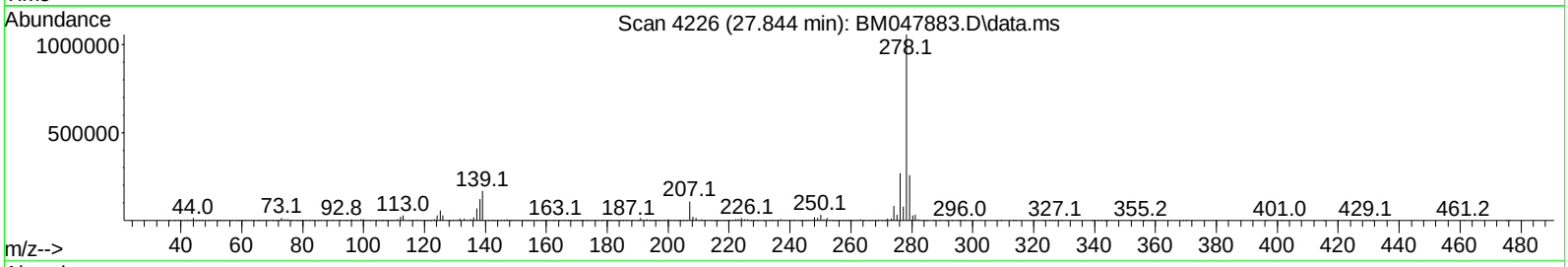

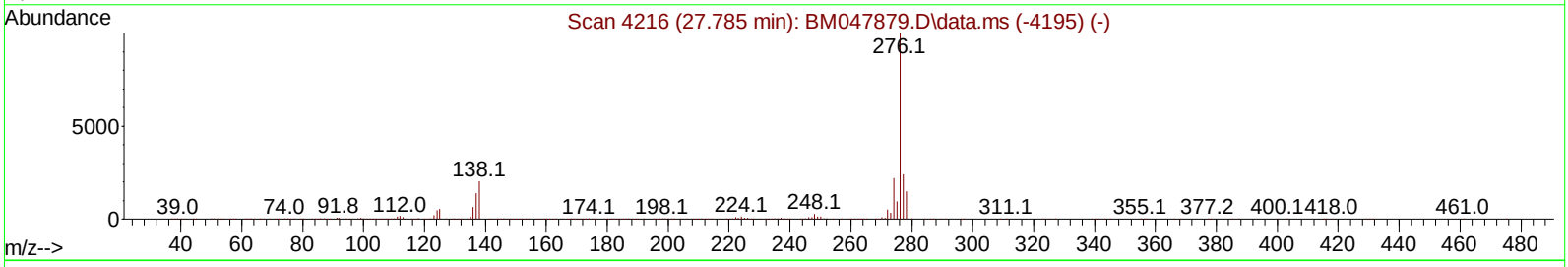

TIC: BM047883.D\data.ms

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

27.844min (+ 0.065) 24.06 ng/ul m

response 1997261

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	45.22#
277.00	23.60	29.94#
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	7.798	152	212391	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	859847	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	523601	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1048219	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	918735	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1093641	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	15103	2.298	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.969	99	338268	16.843	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	200025	14.035	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	283532	19.404	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	277542	18.587	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	136779m	19.979	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	145647	22.200	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	332200	25.347	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	299119	14.763	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	824440	21.718	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	992144	22.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	144304	19.093	ng/ul	0.00
60) Fluorene-d10	15.427	176	748576	22.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	80388	13.105	ng/ul	0.00
73) Anthracene-d10	17.268	188	1149269	22.298	ng/ul	0.00
81) Pyrene-d10	19.556	212	1324632	25.404	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	1302329	22.951	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.992	94	552454	25.852	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.222	93	2415091	141.833	ng/ul	91
12) 2-Chlorophenol	7.363	128	1141723	73.755	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.610	70	1892722	139.862	ng/ul#	85
19) Hexachloroethane	8.881	117	674001	96.867	ng/ul	87
22) Nitrobenzene	8.992	77	550301	28.296	ng/ul	91
23) Isophorone	9.528	82	4460714	128.221	ng/ul	95
25) 2-Nitrophenol	9.704	139	322641	42.987	ng/ul#	87
27) Bis(2-Chloroethoxy)met...	10.004	93	3067498	144.161	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	1290497	95.360	ng/ul	97
33) Hexachlorobutadiene	10.933	225	1055289	118.021	ng/ul	98
35) 4-Chloro-3-methylphenol	11.874	107	514505	36.728	ng/ul	95
36) 2-Methylnaphthalene	12.251	142	1517884	48.301	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	1587962	161.020	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	377936	35.046	ng/ul	97
48) 2,6-Dinitrotoluene	14.010	165	1489249	220.570	ng/ul#	83
50) Acenaphthylene	14.157	152	863433	17.010	ng/ul	98
52) Acenaphthene	14.498	153	3324676	92.657	ng/ul	99
55) 4-Nitrophenol	14.645	109	383886	60.494	ng/ul	89
57) 2,4-Dinitrotoluene	14.798	165	1424616	140.484	ng/ul#	78
61) Fluorene	15.486	166	5200025	129.047	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.474	204	825657	43.362	ng/ul	96
68) 4-Bromophenyl-phenylether	16.368	248	378542	35.034	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.492	284	2285647	181.776	ng/ul#	90
71) Pentachlorophenol	16.827	266	1403258	175.506	ng/ul	99
72) Phenanthrene	17.215	178	2153409	35.031	ng/ul	99
74) Anthracene	17.304	178	2151933	34.323	ng/ul	100
78) Di-n-butylphthalate	18.139	149	8273852	130.774	ng/ul	99
80) Fluoranthene	19.233	202	7874422	128.225	ng/ul	98
82) Pyrene	19.586	202	3732577	54.609	ng/ul	97
83) Butylbenzylphthalate	20.480	149	968370	40.075	ng/ul	87
85) Benzo(a)anthracene	21.386	228	6463940	100.486	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	5669515	156.272	ng/ul	97
87) Chrysene	21.450	228	8867020	141.394	ng/ul	98
90) Benzo(b)fluoranthene	23.462	252	8769404	128.580	ng/ul	98
93) Benzo(a)pyrene	24.256	252	1934989	29.873	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.844	276	1997261m	24.061	ng/ul	
95) Dibenzo(a,h)anthracene	27.844	278	4177638	61.412	ng/ul	97
96) Benzo(g,h,i)perylene	28.838	276	1411210	21.699	ng/ul	96

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

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