Quantitation Report (Qedit)

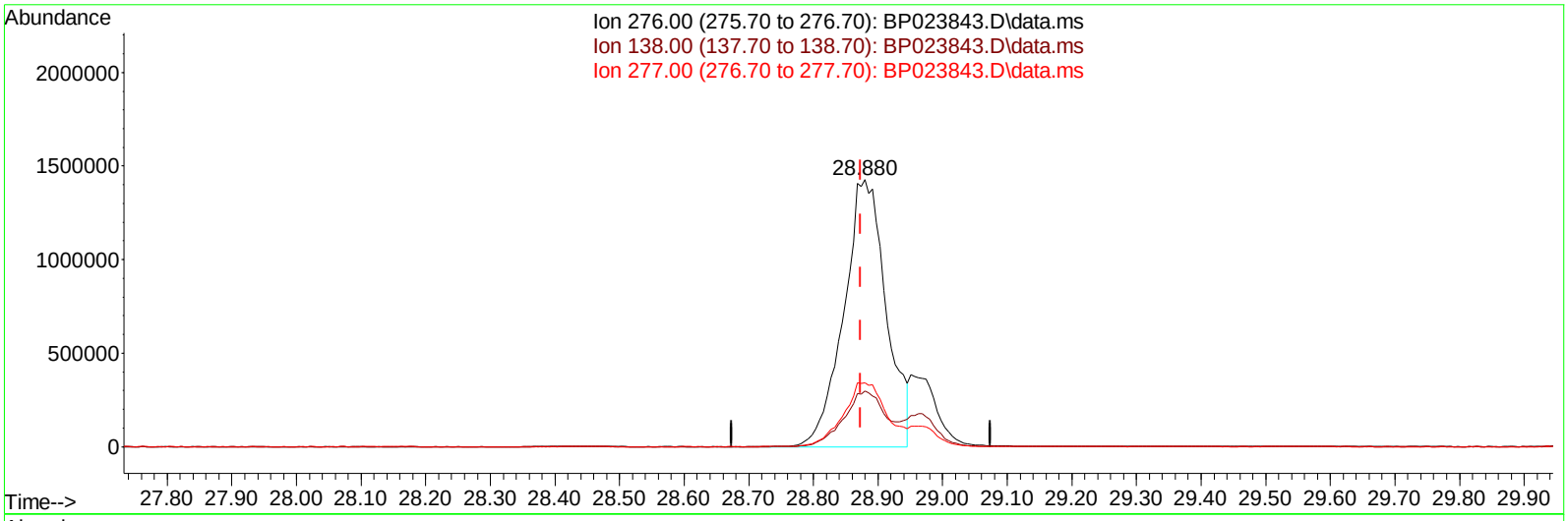
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023843.D
Acq On : 01 Feb 2025 03:35
Operator : RC/JU
Sample : Q1224-07MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

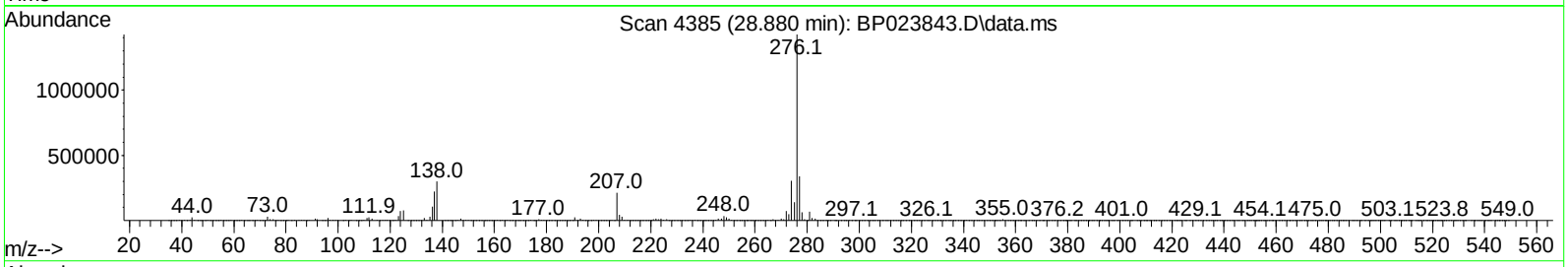
Quant Time: Feb 03 08:02:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

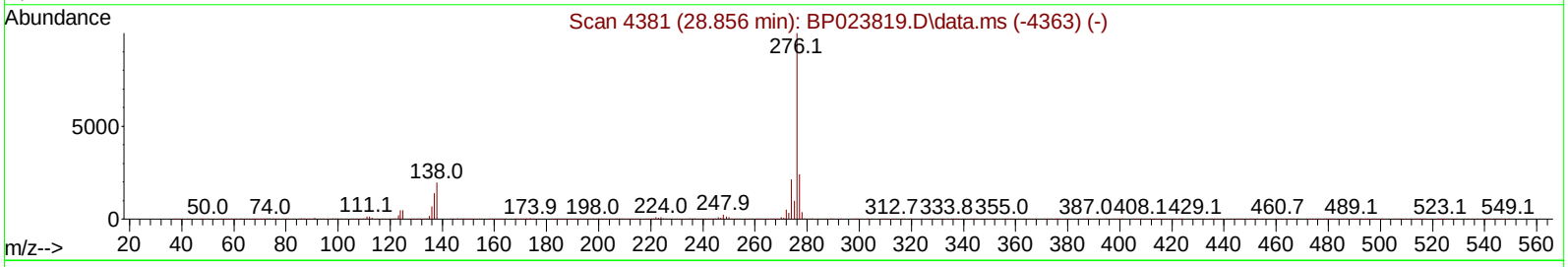
Instrument :
BNA_P
ClientSampleId :
A6305MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023843.D\data.ms

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

28.880min (+ 0.006) 33.93 ng/ul

response 6528424

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.96
277.00	23.70	23.84
0.00	0.00	0.00

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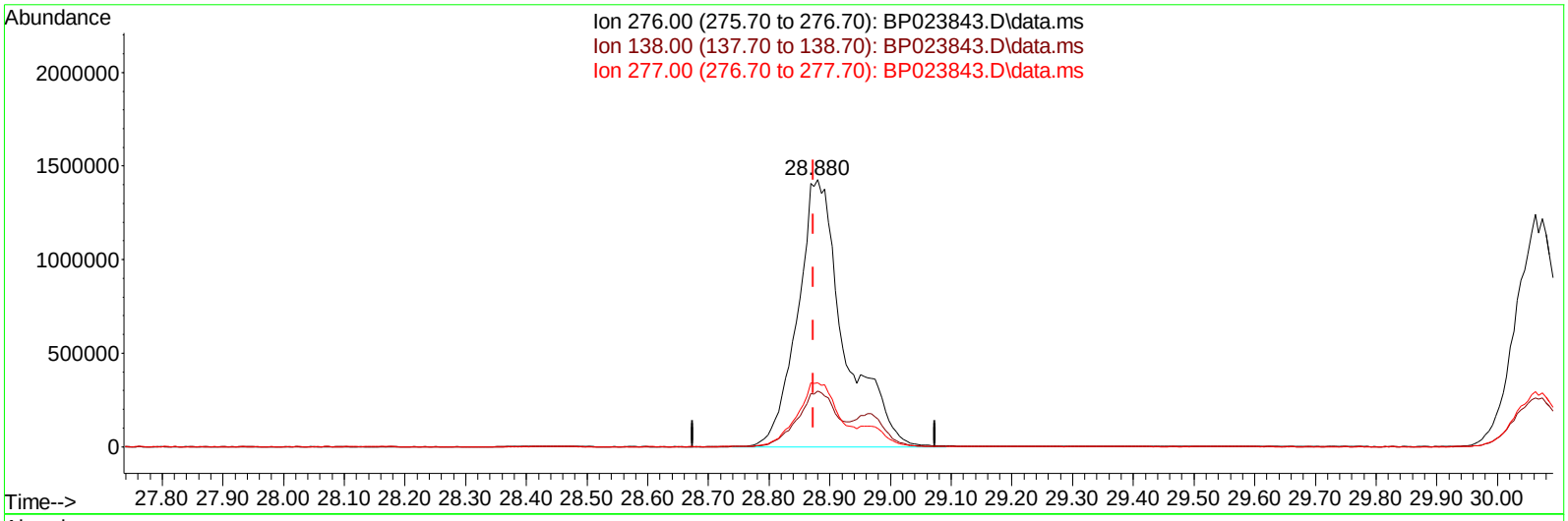

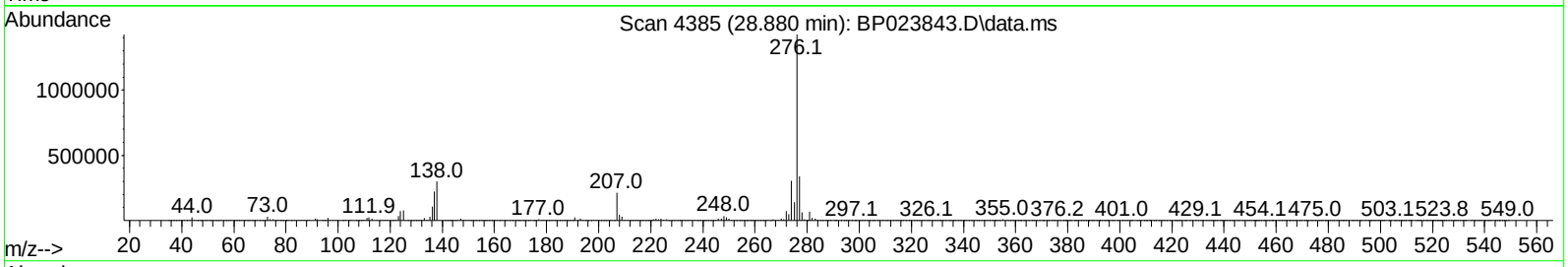

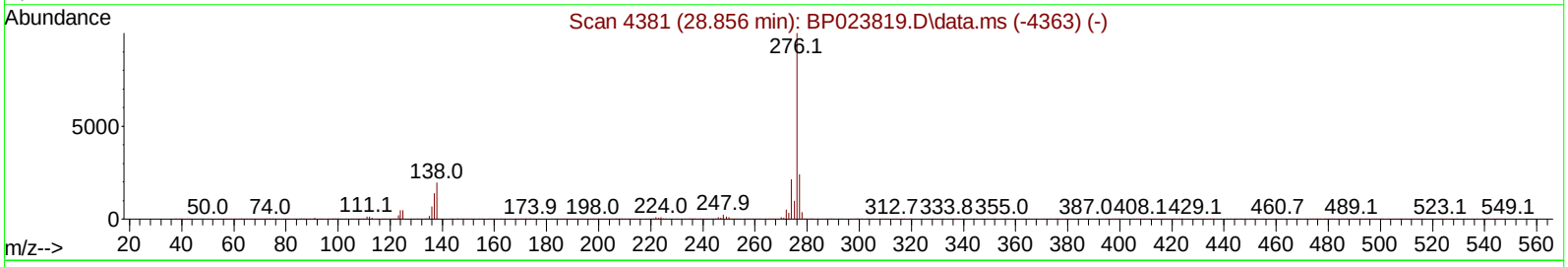

TIC: BP023843.D\data.ms

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

28.880min (+ 0.006) 39.75 ng/ul m

response 7648654

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.96
277.00	23.70	23.84
0.00	0.00	0.00

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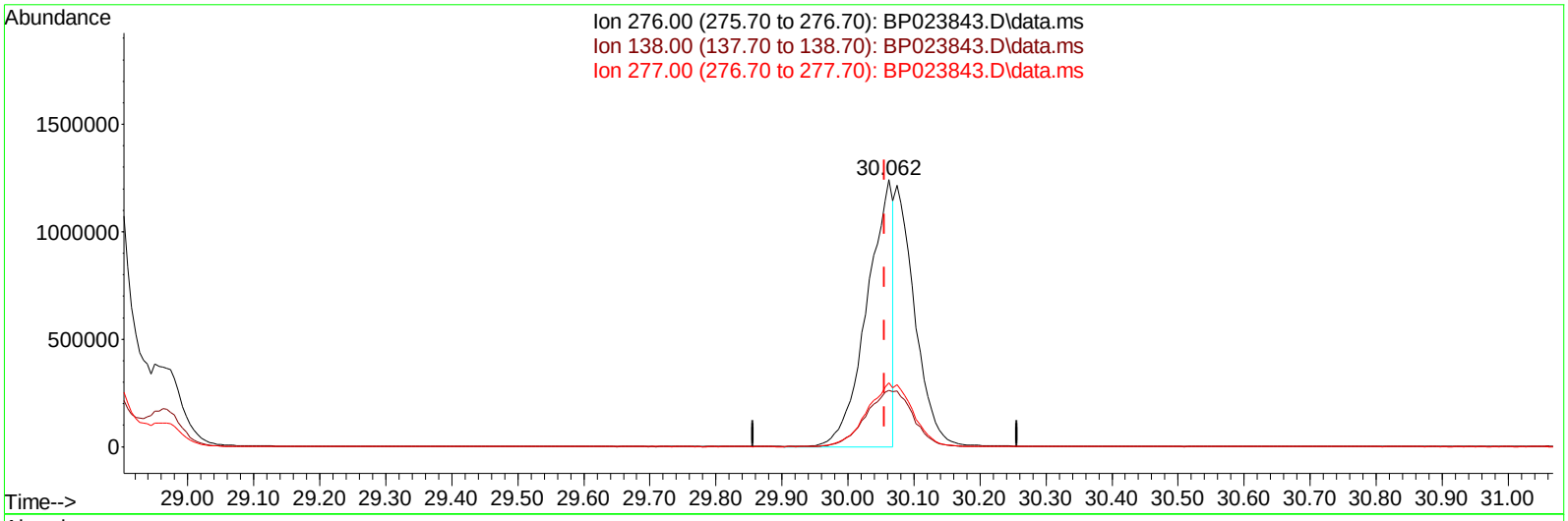

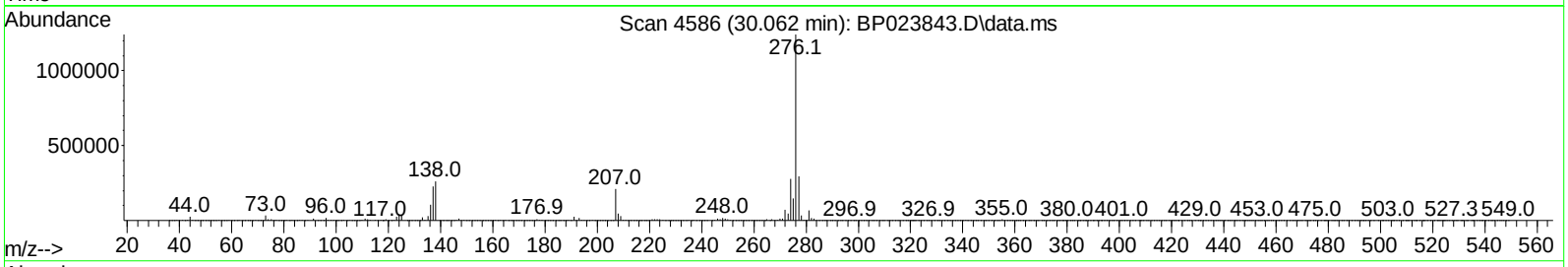

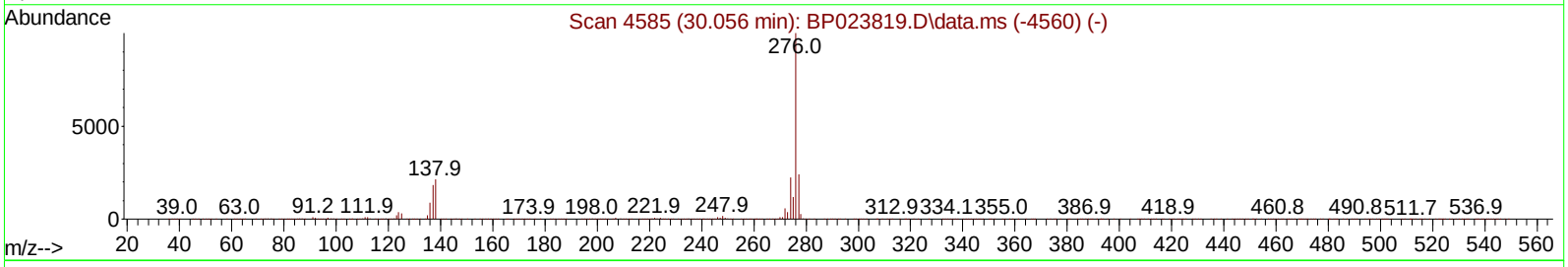

TIC: BP023843.D\data.ms

(96) Benzo(g,h,i)perylene

30.062min (+ 0.006) 23.28 ng/ul

response 3431397

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	21.11
277.00	23.80	23.84
0.00	0.00	0.00

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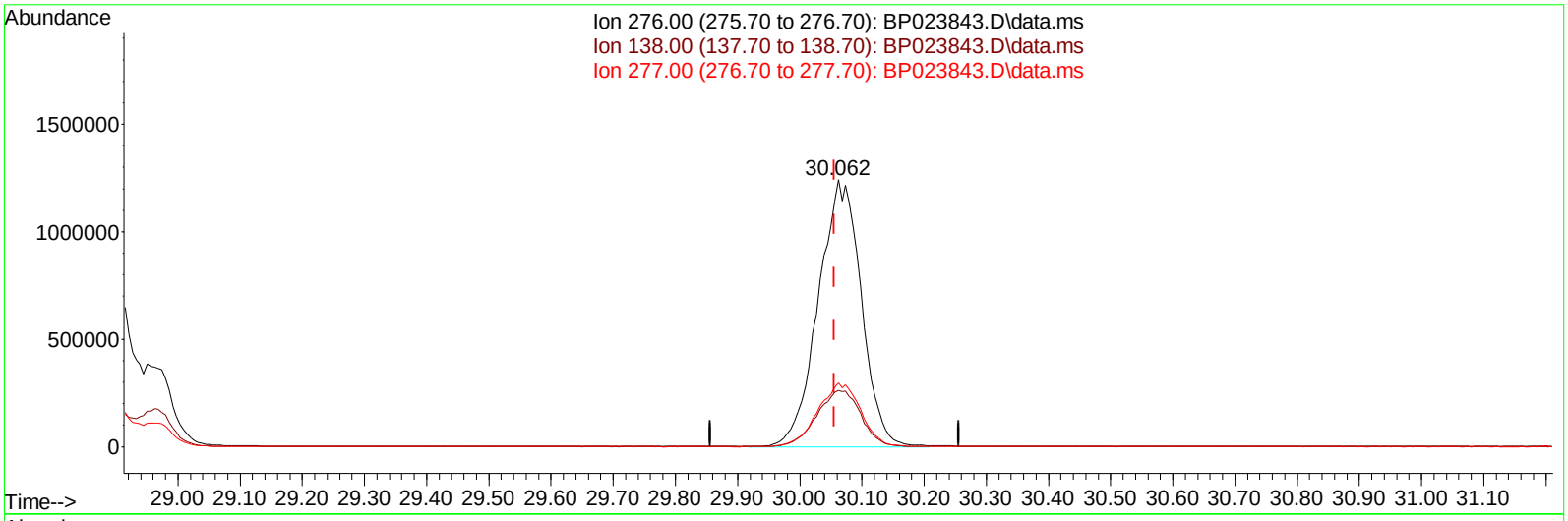

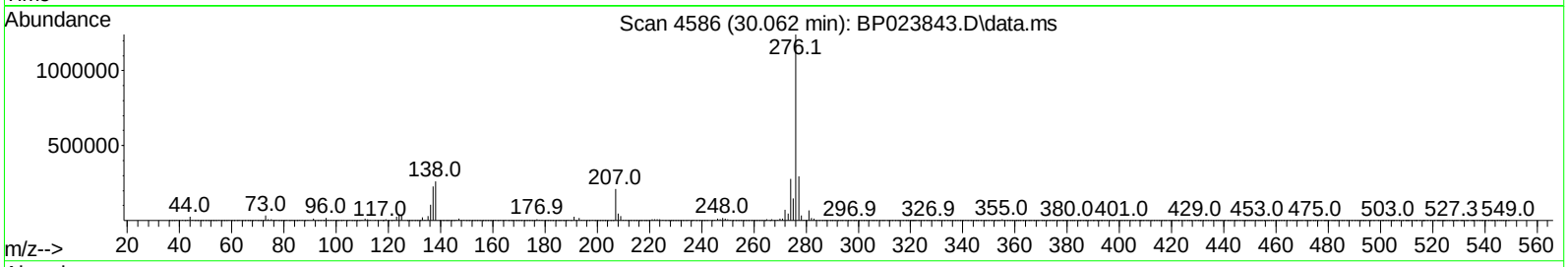

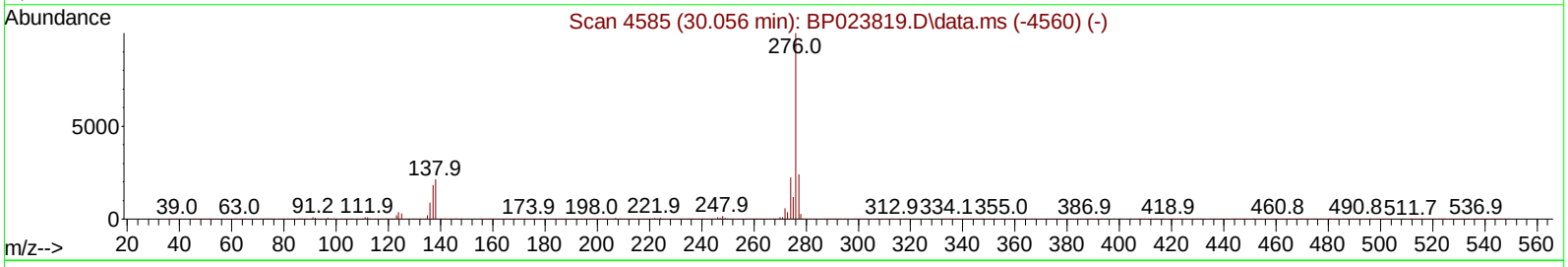

TIC: BP023843.D\data.ms

(96) Benzo(g,h,i)perylene

30.062min (+ 0.006) 40.32 ng/ul m

response 5942251

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	21.11
277.00	23.80	23.84
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	7.781	152	471244	20.000	ng/ul	0.02
20) Naphthalene-d8	10.557	136	1968619	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.404	164	1216282	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	2400303	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	2532720	20.000	ng/ul	0.00
88) Perylene-d12	25.027	264	2619495	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	59172	5.217	ng/uL	0.00
4) Pyridine-d5	3.705	84	821194	25.092	ng/ul	0.01
7) Phenol-d5	6.969	99	1148761	27.546	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	629072	28.498	ng/ul	0.02
11) 2-Chlorophenol-d4	7.328	132	957889	29.249	ng/ul	0.02
15) 4-Methylphenol-d8	8.493	113	882762	25.912	ng/ul	0.02
21) Nitrobenzene-d5	8.928	128	451266	28.651	ng/ul	0.02
24) 2-Nitrophenol-d4	9.640	143	482316	28.380	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.187	165	906874	29.088	ng/ul	0.01
31) 4-Chloroaniline-d4	10.687	131	1012919	21.725	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	2439738	26.892	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	2435308	23.800	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	415003	23.034	ng/ul	0.00
60) Fluorene-d10	15.410	176	1574008	20.602	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	318052	21.478	ng/ul	0.00
73) Anthracene-d10	17.304	188	2256339	19.145	ng/ul	-0.01
81) Pyrene-d10	19.669	212	2336967	17.221	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.798	264	1916930	14.026	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	172547	14.466	ng/uL	98
5) Pyridine	3.722	79	1228915	37.506	ng/ul	98
6) Benzaldehyde	6.928	77	269326	13.158	ng/ul	99
8) Phenol	6.993	94	1731240	40.429	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	1211309	37.159	ng/ul	99
12) 2-Chlorophenol	7.357	128	1326137	39.306	ng/ul	100
13) 2-Methylphenol	8.228	108	1225698	38.041	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	1247996	37.109	ng/ul	99
16) Acetophenone	8.593	105	1891598	36.322	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.581	70	886887	36.164	ng/ul	98
18) 4-Methylphenol	8.552	108	1360917	38.069	ng/ul	97
19) Hexachloroethane	8.857	117	502458	37.663	ng/ul	98
22) Nitrobenzene	8.969	77	1327610	38.841	ng/ul	99
23) Isophorone	9.499	82	2529657	36.654	ng/ul	99
25) 2-Nitrophenol	9.669	139	712269	38.424	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	1357540	39.567	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	1588894	36.961	ng/ul	100
29) 2,4-Dichlorophenol	10.210	162	1244426	39.360	ng/ul	98
30) Naphthalene	10.604	128	4008195	38.037	ng/ul	99
32) 4-Chloroaniline	10.716	127	946063	21.500	ng/ul	99
33) Hexachlorobutadiene	10.893	225	731590	38.222	ng/ul	99
34) Caprolactam	11.498	113	419115	34.217	ng/ul	97
35) 4-Chloro-3-methylphenol	11.851	107	1288140	37.902	ng/ul	99

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A6305MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.216	142	2796307	37.741	ng/ul	100
37) 1-Methylnaphthalene	12.440	142	2789324	37.949	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.587	216	1438196	39.998	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	617589	30.481	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	946553	39.410	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	1040869	40.206	ng/ul	99
43) 1,1'-Biphenyl	13.234	154	3520468	38.993	ng/ul	100
44) 2-Chloronaphthalene	13.275	162	2773105	39.420	ng/ul	100
45) 2-Nitroaniline	13.469	65	741331	40.490	ng/ul	91
47) Dimethylphthalate	13.851	163	3334790	36.944	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	688657	39.038	ng/ul	99
50) Acenaphthylene	14.122	152	4289937	39.369	ng/ul	100
51) 3-Nitroaniline	14.304	138	740549	38.198	ng/ul	100
52) Acenaphthene	14.469	153	3015382	39.030	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	339509	32.283	ng/ul	98
55) 4-Nitrophenol	14.639	109	504499	39.579	ng/ul	95
56) Dibenzofuran	14.810	168	4147351	38.741	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	1022034	38.951	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.045	232	855195	38.821	ng/ul	96
59) Diethylphthalate	15.239	149	3345230	36.989	ng/ul	99
61) Fluorene	15.463	166	3472009	39.095	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	1693579	38.524	ng/ul	99
63) 4-Nitroaniline	15.492	138	850791	45.106	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	561519	34.491	ng/ul#	96
67) N-Nitrosodiphenylamine	15.681	169	2842010	38.795	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	1056238	39.003	ng/ul	99
69) Hexachlorobenzene	16.492	284	1215568	37.046	ng/ul	96
70) Atrazine	16.657	200	1044498	36.820	ng/ul	98
71) Pentachlorophenol	16.851	266	749543	37.138	ng/ul	99
72) Phenanthrene	17.251	178	5425020	40.022	ng/ul	100
74) Anthracene	17.339	178	5353898	39.165	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	1392675	39.622	ng/uL	99
76) Pentachlorobenzene	14.728	250	1415221	37.363	ng/uL	99
77) Carbazole	17.616	167	5030767	42.007	ng/ul	99
78) Di-n-butylphthalate	18.216	149	5870894	39.608	ng/ul	100
80) Fluoranthene	19.327	202	6387796	40.865	ng/ul	99
82) Pyrene	19.698	202	6784263	41.503	ng/ul	98
83) Butylbenzylphthalate	20.657	149	2722175	38.670	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.551	252	1798715	32.825	ng/ul	100
85) Benzo(a)anthracene	21.627	228	6560734	39.393	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.574	149	4123756	40.150	ng/ul	99
87) Chrysene	21.698	228	6131002	39.952	ng/ul	98
89) Di-n-octyl phthalate	22.874	149	6312886	40.203	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	6559079	41.266	ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	6430998	40.360	ng/ul	100
93) Benzo(a)pyrene	24.868	252	5983895	40.314	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.880	276	7648654m	39.754	ng/ul	
95) Dibenzo(a,h)anthracene	28.968	278	6175807	39.570	ng/ul	99
96) Benzo(g,h,i)perylene	30.062	276	5942251m	40.322	ng/ul	

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

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