Quantitation Report (Qedit)

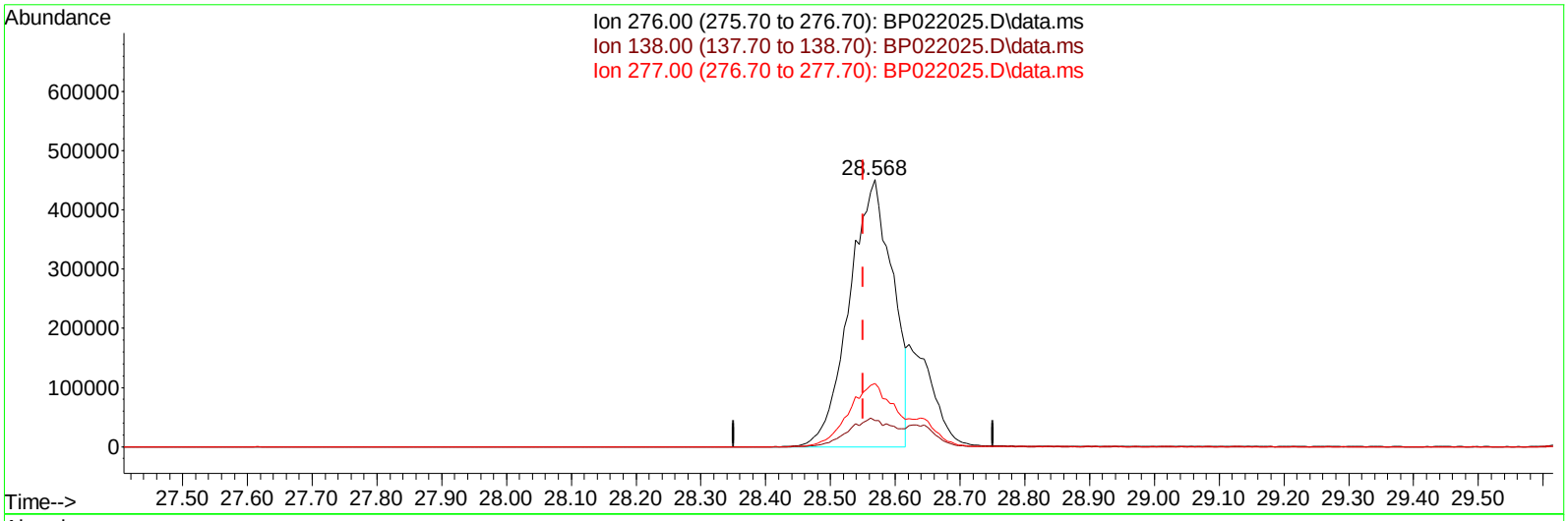
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022025.D
Acq On : 25 Sep 2024 12:00
Operator : RC/JU
Sample : PB163586BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

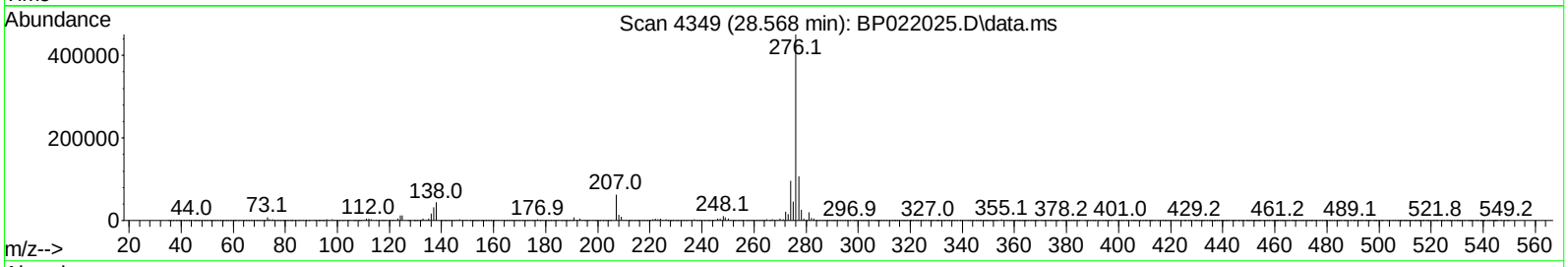
Quant Time: Sep 25 12:26:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

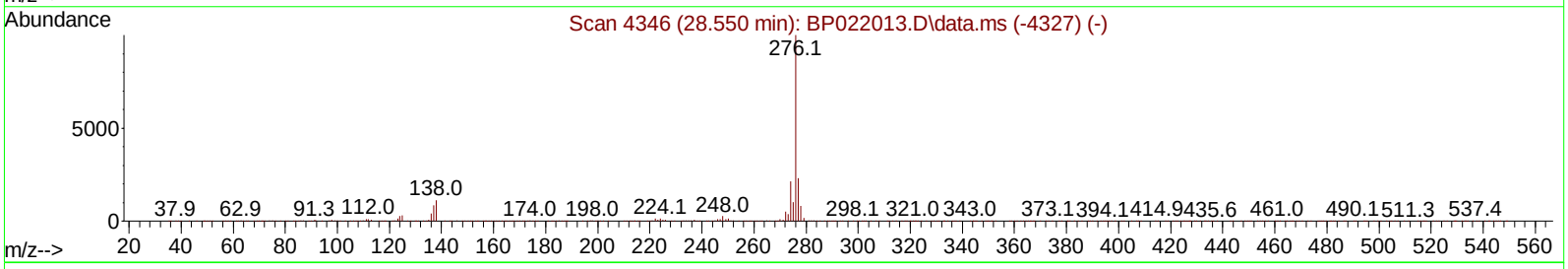
Instrument :
BNA_P
ClientSampleId :
SLCS586

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP022025.D\data.ms

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

28.568min (+ 0.018) 27.13 ng/ul

response 2085834

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	9.75
277.00	24.20	23.77
0.00	0.00	0.00

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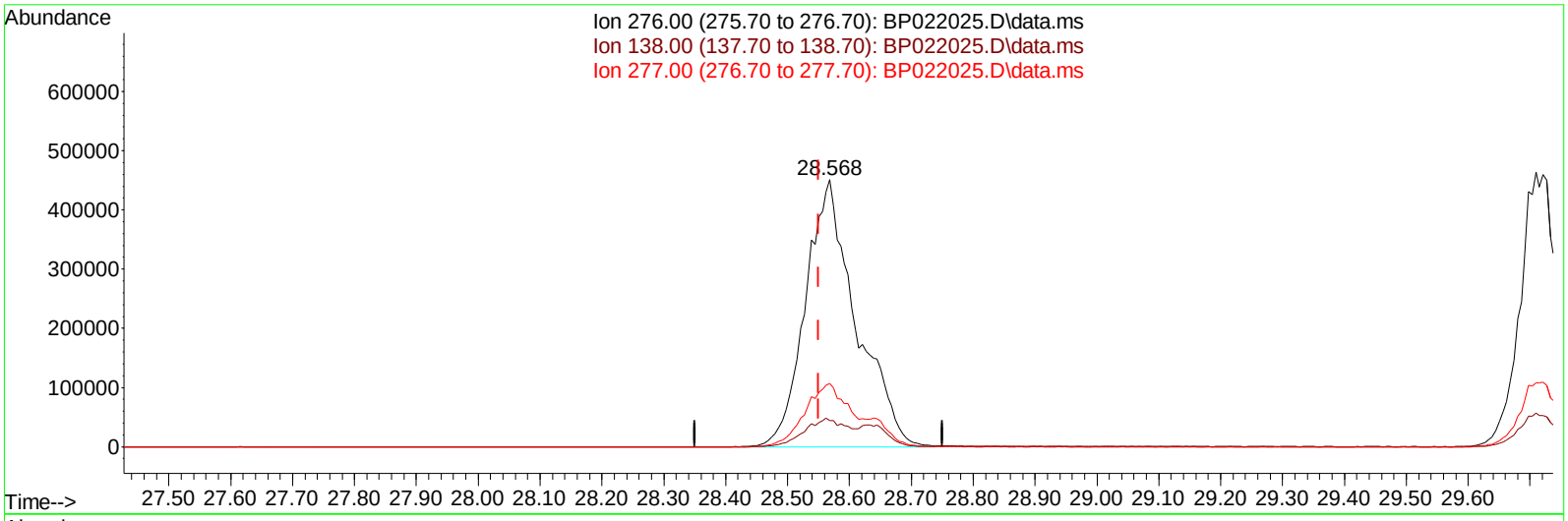

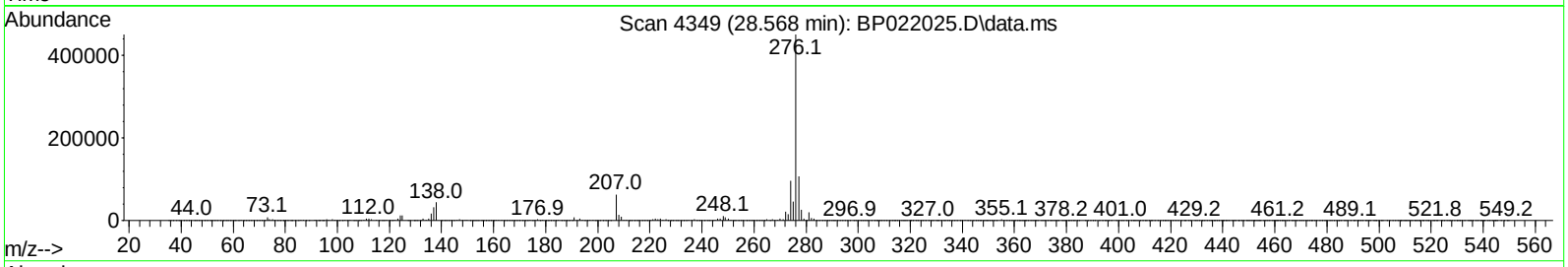

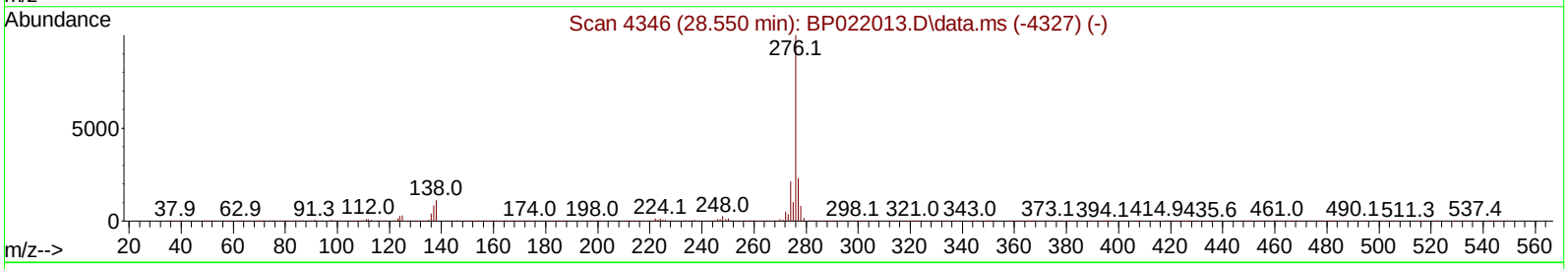

TIC: BP022025.D\data.ms

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

28.568min (+ 0.018) 33.23 ng/ul m

response 2554790

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	9.75
277.00	24.20	23.77
0.00	0.00	0.00

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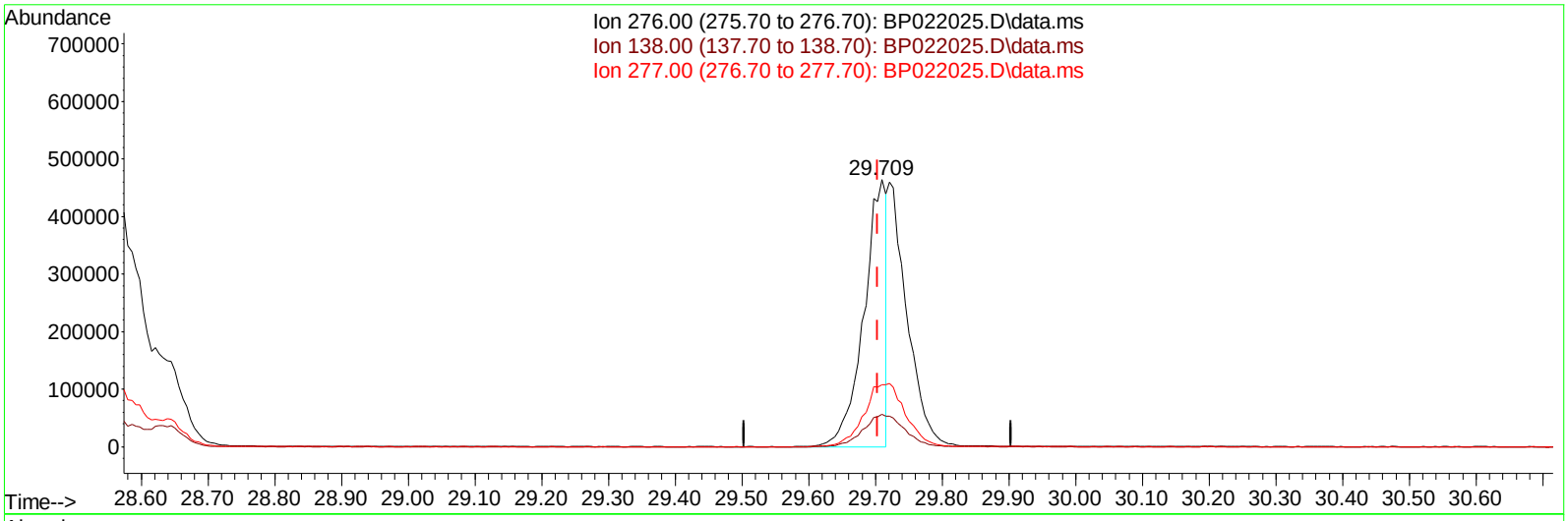

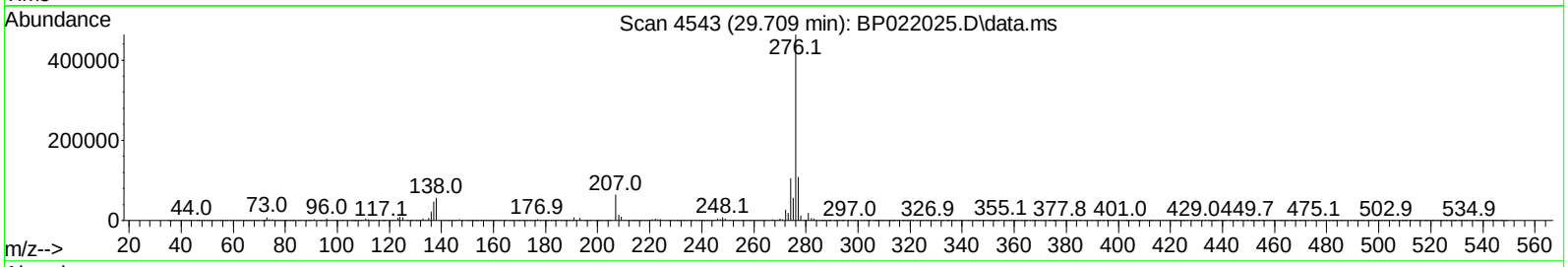

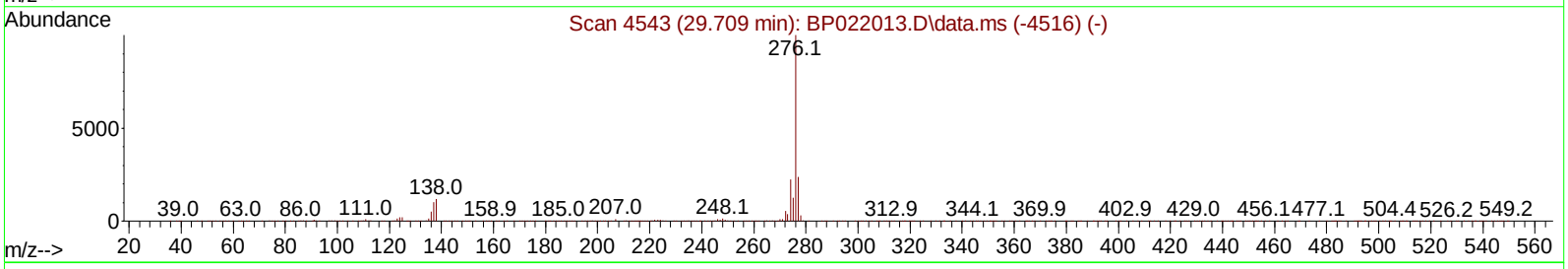

TIC: BP022025.D\data.ms

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

29.709min (+ 0.006) 18.07 ng/ul

response 1078026

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	12.25
277.00	23.90	23.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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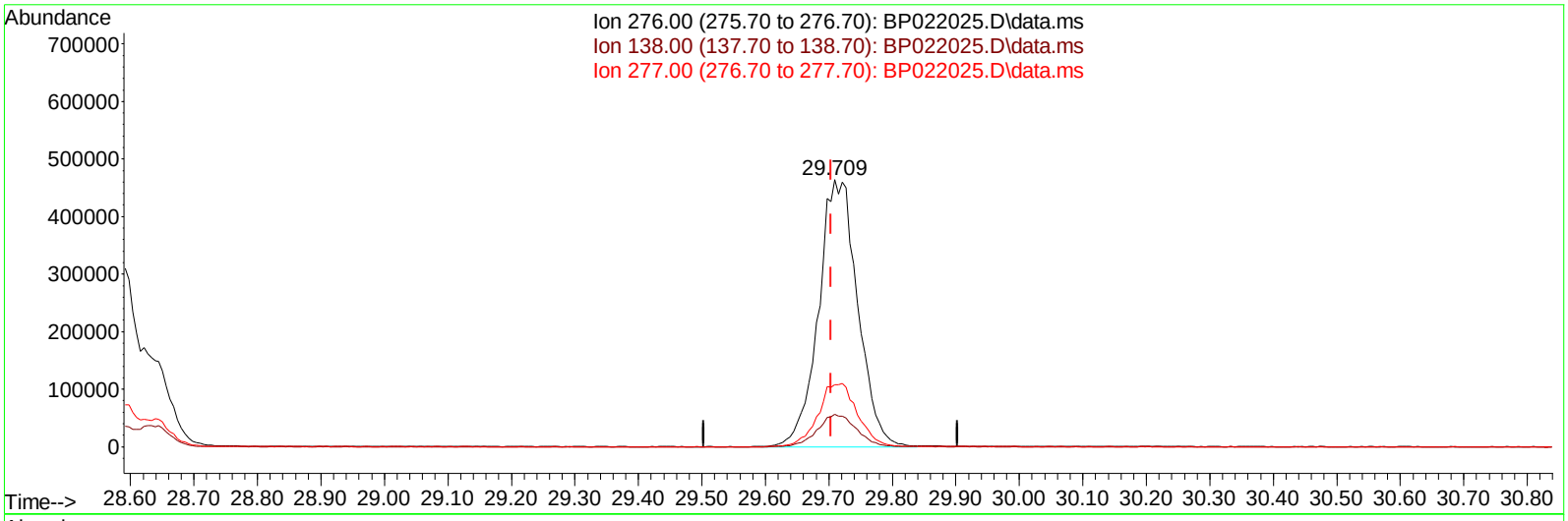

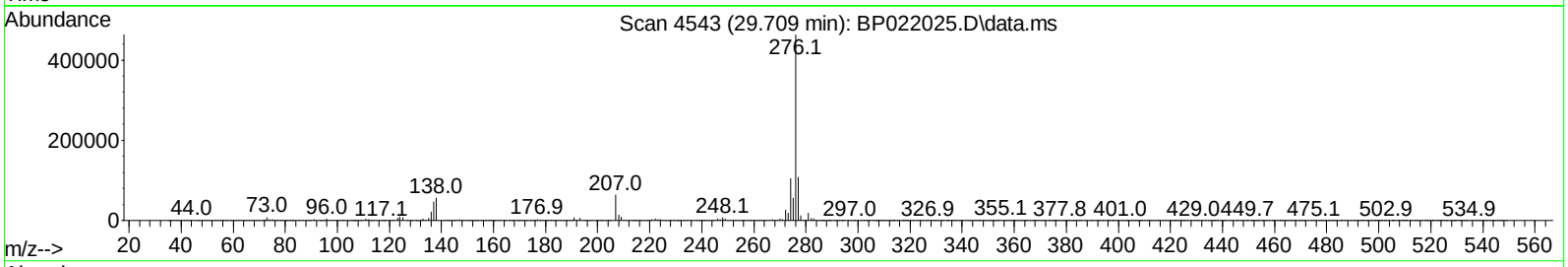

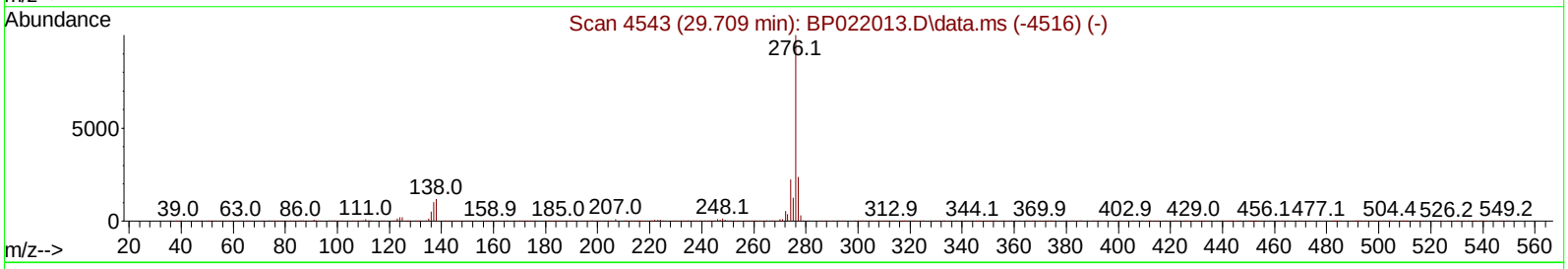

TIC: BP022025.D\data.ms

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

29.709min (+ 0.006) 33.31 ng/ul m

response 1986867

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	12.25
277.00	23.90	23.30
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	103258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	394015	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	311205	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	790440	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	936304	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1030790	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	14911	5.656	ng/uL	0.00
4) Pyridine-d5	3.634	84	221359	29.376	ng/ul	0.00
7) Phenol-d5	6.893	99	271145	32.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	164488	31.626	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	205994	33.707	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	219295	32.764	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	99711	33.811	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	117720	35.206	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	257846	35.508	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	279672	32.279	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	848303	35.263	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	893392	35.076	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	141235	34.323	ng/ul	0.00
60) Fluorene-d10	15.328	176	742691	34.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	159099	32.420	ng/ul	0.00
73) Anthracene-d10	17.222	188	1269300	34.398	ng/ul	0.00
81) Pyrene-d10	19.592	212	1711372	35.280	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	1940484	35.792	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	32246	11.292	ng/uL	96
5) Pyridine	3.652	79	216926	28.336	ng/ul	99
6) Benzaldehyde	6.863	77	176977	37.039	ng/ul	99
8) Phenol	6.922	94	281236	31.905	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	209020	30.981	ng/ul	99
12) 2-Chlorophenol	7.281	128	206535	32.600	ng/ul	99
13) 2-Methylphenol	8.146	108	202392	31.659	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	188686	30.148	ng/ul	98
16) Acetophenone	8.522	105	353728	31.772	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.505	70	188845	32.719	ng/ul	98
18) 4-Methylphenol	8.475	108	225744	32.381	ng/ul	92
19) Hexachloroethane	8.775	117	95752	32.017	ng/ul	97
22) Nitrobenzene	8.893	77	292065	32.393	ng/ul	99
23) Isophorone	9.416	82	515506	33.008	ng/ul	98
25) 2-Nitrophenol	9.593	139	123977	34.652	ng/ul	96
26) 2,4-Dimethylphenol	9.657	107	226769	27.979	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.887	93	292333	32.472	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	249910	34.640	ng/ul	97
30) Naphthalene	10.522	128	669910	32.313	ng/ul	100
32) 4-Chloroaniline	10.628	127	251962	29.363	ng/ul	98
33) Hexachlorobutadiene	10.804	225	207667	32.421	ng/ul	96
34) Caprolactam	11.399	113	76471	34.943	ng/ul	95
35) 4-Chloro-3-methylphenol	11.751	107	272025	34.853	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	504201	32.725	ng/ul	99
37) 1-Methylnaphthalene	12.346	142	507048	32.632	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.498	216	384933	33.362	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	212491	29.278	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	243680	35.329	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	265412	35.534	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	734380	32.999	ng/ul	99
44) 2-Chloronaphthalene	13.193	162	587737	32.801	ng/ul	99
45) 2-Nitroaniline	13.393	65	185259	35.757	ng/ul	96
47) Dimethylphthalate	13.769	163	815251	33.741	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	164144	35.436	ng/ul	95
50) Acenaphthylene	14.040	152	896139	33.739	ng/ul	99
51) 3-Nitroaniline	14.228	138	147964	35.086	ng/ul	100
52) Acenaphthene	14.392	153	645416	33.443	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	95608	30.335	ng/ul	98
55) 4-Nitrophenol	14.551	109	160878	34.558	ng/ul	92
56) Dibenzofuran	14.734	168	963899	33.595	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	256479	35.930	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.957	232	254653	35.418	ng/ul	96
59) Diethylphthalate	15.157	149	842538	35.234	ng/ul	98
61) Fluorene	15.387	166	797173	33.409	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	464695	33.827	ng/ul	98
63) 4-Nitroaniline	15.410	138	171451	39.945	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	170474	31.908	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	709938	34.101	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	326758	34.424	ng/ul	99
69) Hexachlorobenzene	16.416	284	401254	34.814	ng/ul	97
70) Atrazine	16.575	200	287563	30.964	ng/ul	99
71) Pentachlorophenol	16.763	266	257369	33.468	ng/ul	99
72) Phenanthrene	17.157	178	1402108	33.831	ng/ul	100
74) Anthracene	17.257	178	1384412	32.825	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	375055	31.620	ng/uL	98
76) Pentachlorobenzene	14.651	250	414000	31.739	ng/uL	99
77) Carbazole	17.533	167	1274608	34.290	ng/ul	99
78) Di-n-butylphthalate	18.128	149	1523695	35.555	ng/ul	99
80) Fluoranthene	19.245	202	1889615	34.082	ng/ul	100
82) Pyrene	19.628	202	2003602	33.573	ng/ul	96
83) Butylbenzylphthalate	20.569	149	755175	36.309	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	702913	32.788	ng/ul	100
85) Benzo(a)anthracene	21.522	228	2151109	33.337	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1146103	37.558	ng/ul	100
87) Chrysene	21.592	228	2021274	33.377	ng/ul	100
89) Di-n-octyl phthalate	22.721	149	1943863	38.174	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2230767	34.862	ng/ul	99
91) Benzo(k)fluoranthene	23.863	252	2234212	35.033	ng/ul	99
93) Benzo(a)pyrene	24.686	252	2017738	34.221	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.568	276	2554790m	33.232	ng/ul	
95) Dibenzo(a,h)anthracene	28.645	278	2045076	33.022	ng/ul	98
96) Benzo(g,h,i)perylene	29.709	276	1986867m	33.307	ng/ul	

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

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