Quantitation Report (Qedit)

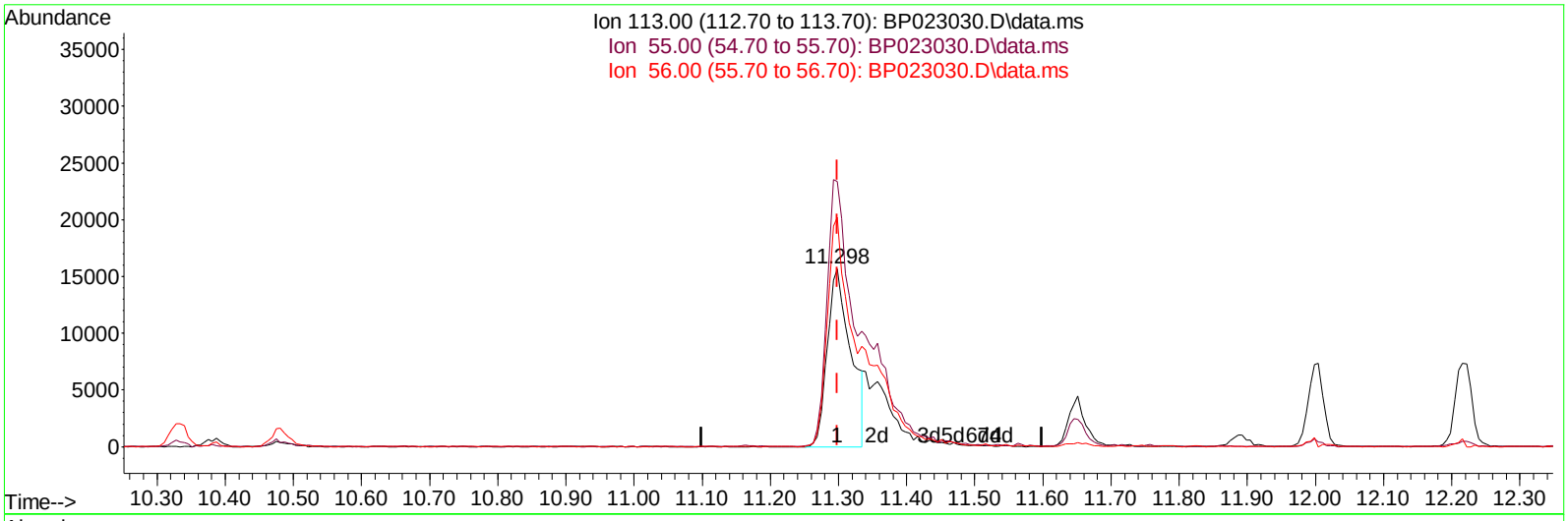
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
Data File : BP023030.D
Acq On : 12 Nov 2024 01:51
Operator : RC/JU
Sample : PB164574BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

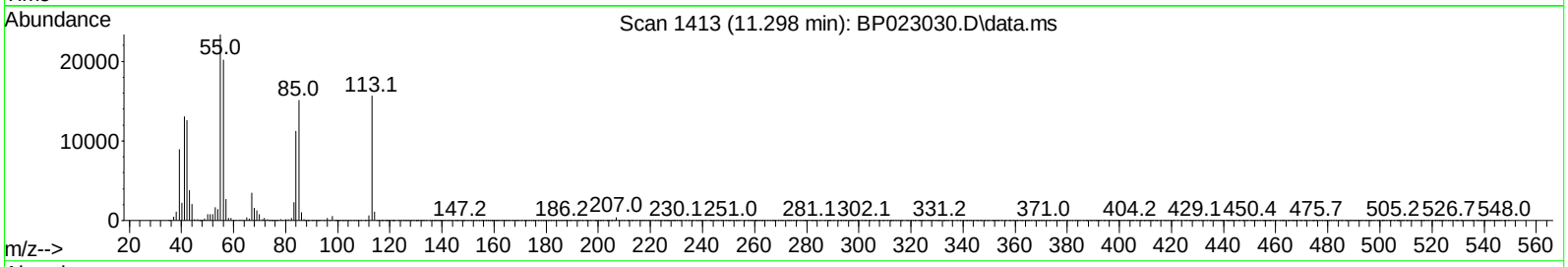
Quant Time: Nov 12 02:44:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 11 22:00:58 2024
Response via : Initial Calibration

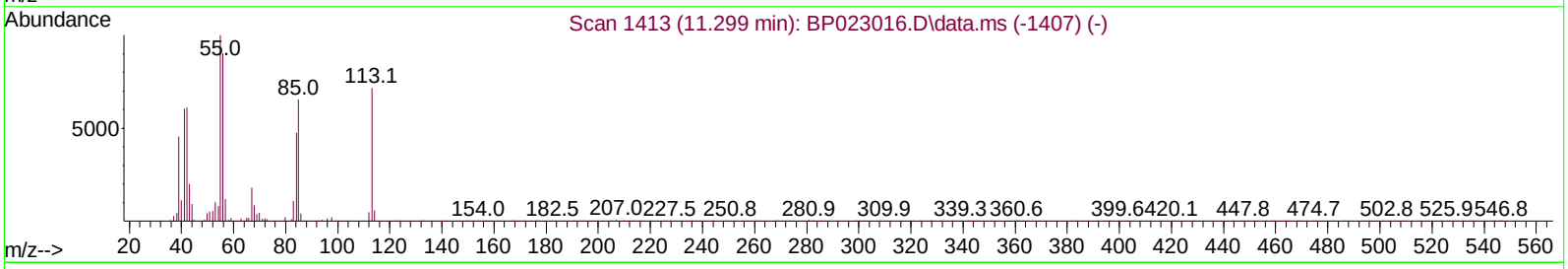
Instrument :
BNA_P
ClientSampleId :
SLCS574

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024







TIC: BP023030.D\data.ms

(34) Caprolactam

11.298min (-0.000) 24.80 ng/ul

response 37321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	149.12
56.00	124.80	128.86
0.00	0.00	0.00

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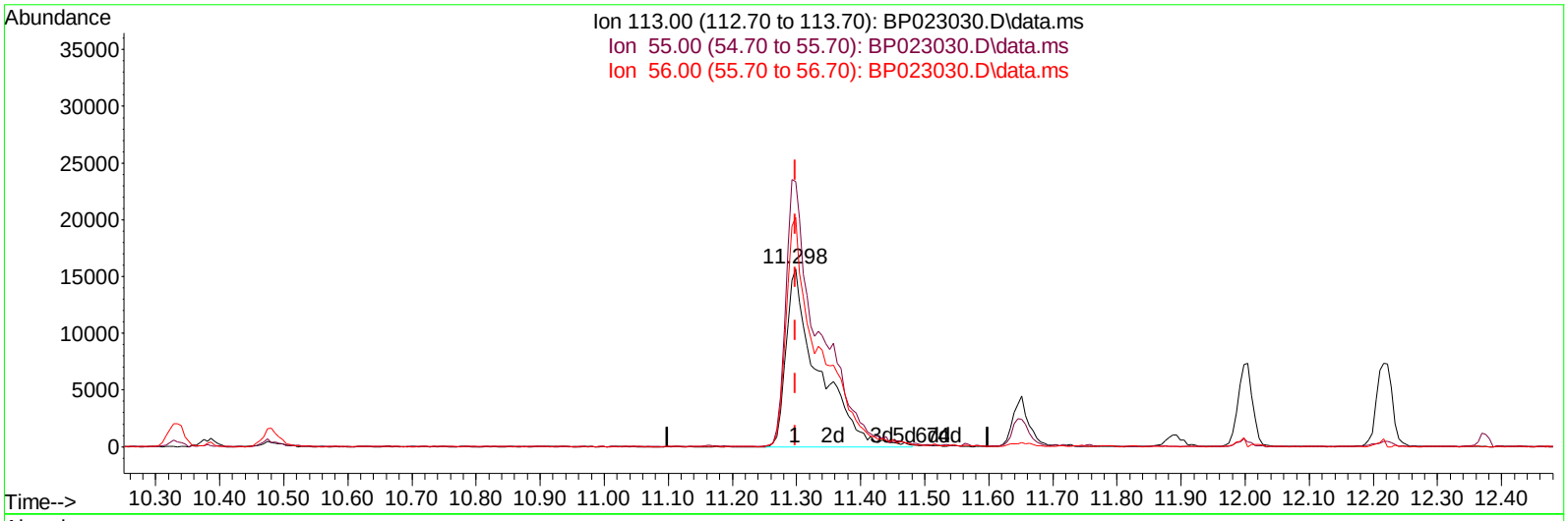

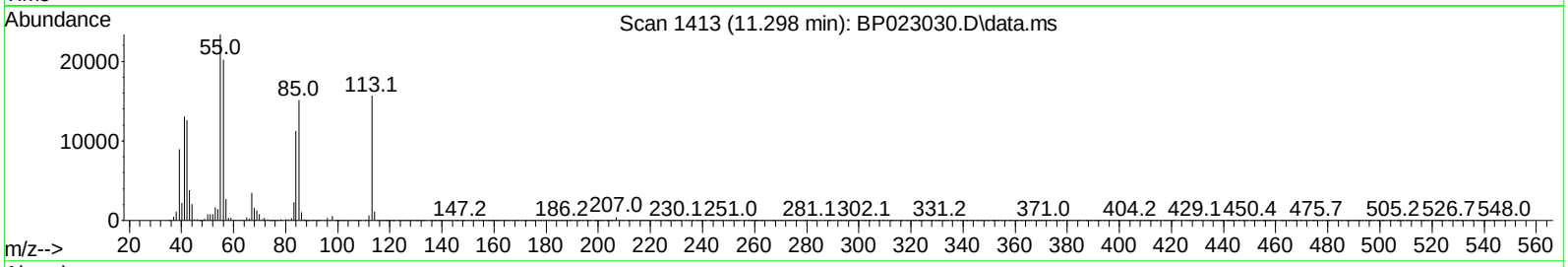

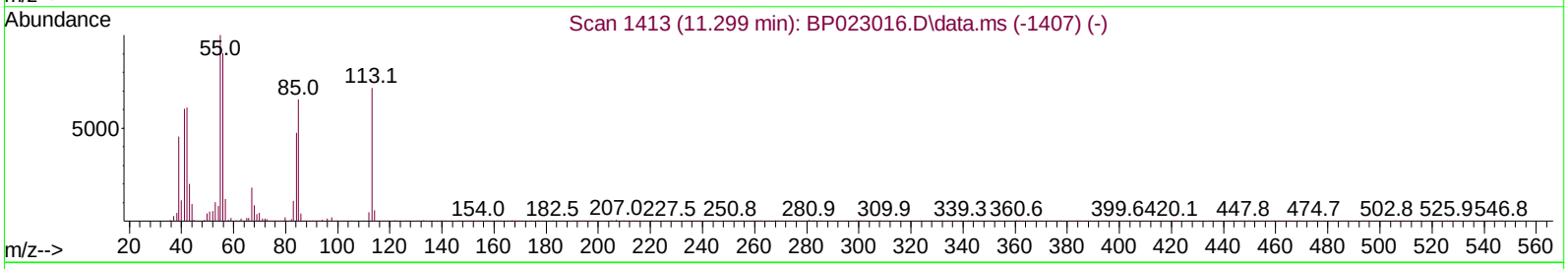

TIC: BP023030.D\data.ms

(34) Caprolactam

11.298min (-0.000) 36.61 ng/ul m

response 55100

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	149.12
56.00	124.80	128.86
0.00	0.00	0.00

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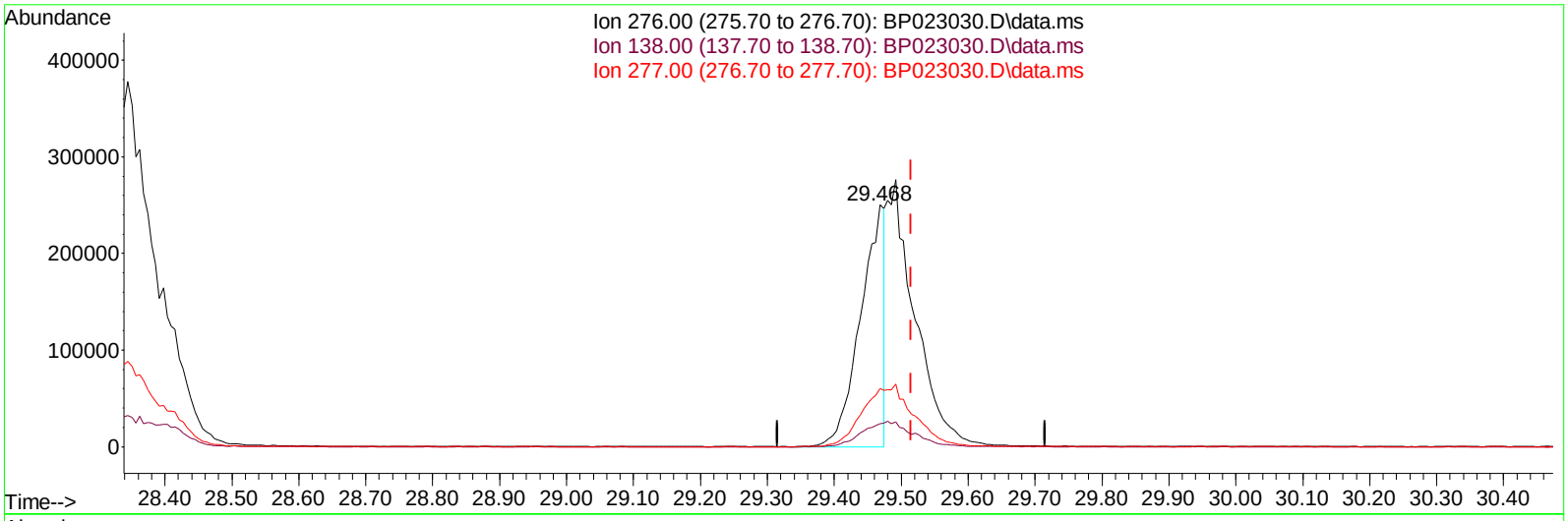

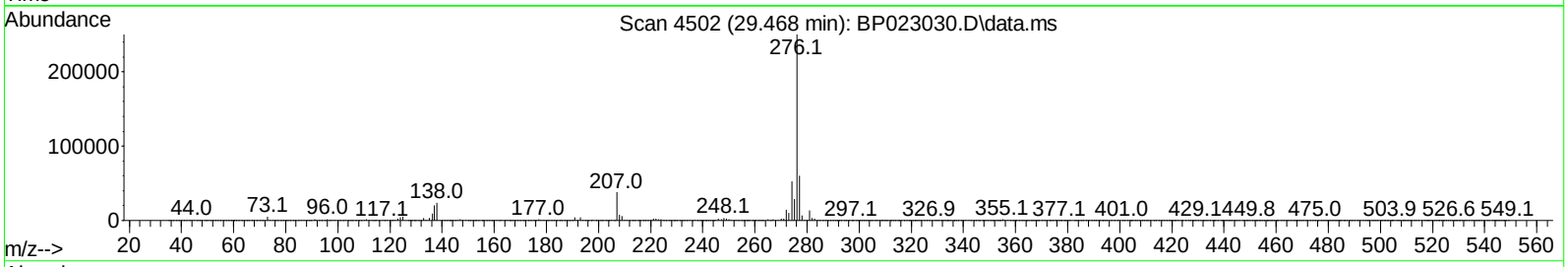

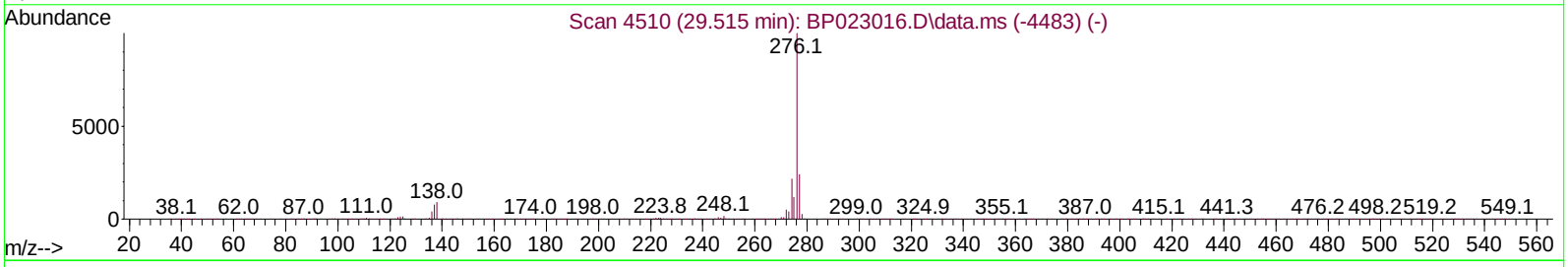

TIC: BP023030.D\data.ms

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

29.468min (-0.047) 15.81 ng/ul

response 624004

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	9.44
277.00	24.30	24.10
0.00	0.00	0.00

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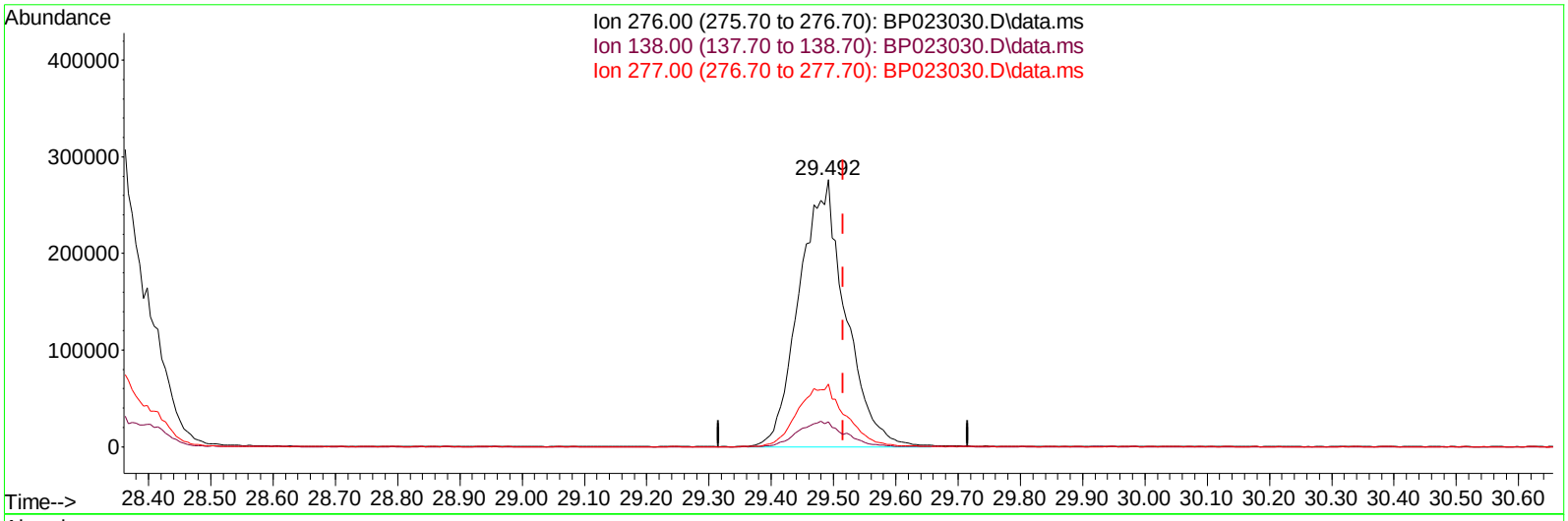

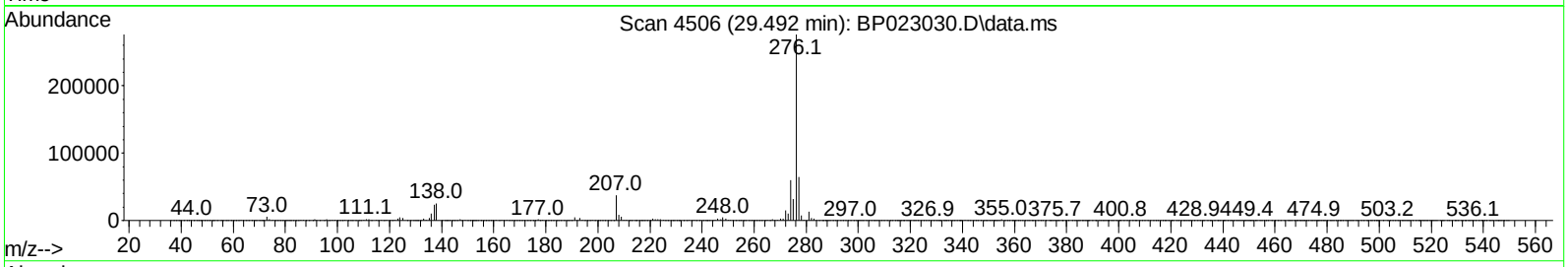

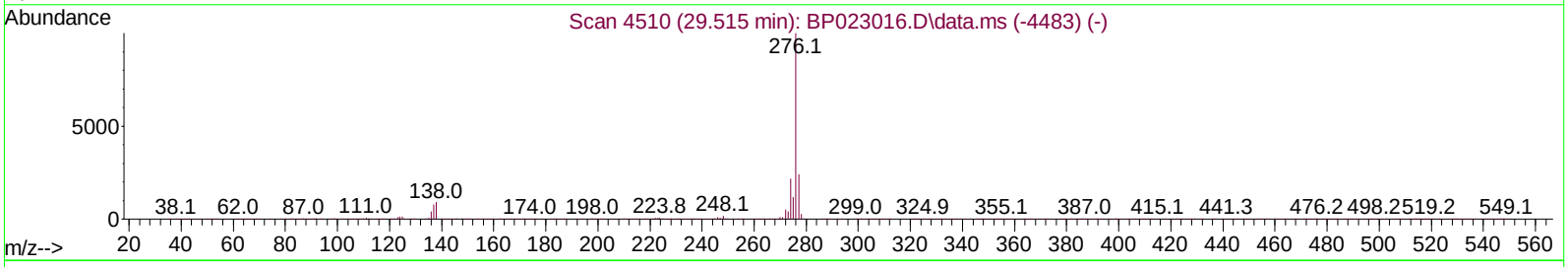

TIC: BP023030.D\data.ms

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

29.492min (-0.024) 36.08 ng/ul m

response 1423959

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	9.26
277.00	24.30	23.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 12 Nov 2024 01:51
Operator : RC/JU
Sample : PB164574BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 12 02:46:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
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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	7.587	152	71258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	293927	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	248909	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	611038	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	658442	20.000	ng/ul	0.00
88) Perylene-d12	24.698	264	741260	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	10125	6.830	ng/uL	0.00
4) Pyridine-d5	3.546	84	144582	32.826	ng/ul	0.00
7) Phenol-d5	6.781	99	192703	36.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	112111	36.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	143146	37.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	157212	36.263	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	73899	36.114	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	88401	36.238	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	190370	37.264	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	201016	32.982	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	657358	36.643	ng/ul	0.00
49) Acenaphthylene-d8	13.892	160	679552	36.303	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	95410	35.390	ng/ul	-0.01
60) Fluorene-d10	15.228	176	568952	36.173	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	134732	36.808	ng/ul	0.00
73) Anthracene-d10	17.116	188	937923	36.253	ng/ul	0.00
81) Pyrene-d10	19.504	212	1206042	39.766	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.480	264	1390266	39.374	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	21339	12.458	ng/uL	94
5) Pyridine	3.569	79	141812	32.060	ng/ul	95
6) Benzaldehyde	6.752	77	99985	32.980	ng/ul	96
8) Phenol	6.810	94	197861	35.965	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.022	93	150640	36.439	ng/ul	96
12) 2-Chlorophenol	7.163	128	144875	36.166	ng/ul	99
13) 2-Methylphenol	8.034	108	145221	35.363	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.093	45	170730	36.481	ng/ul	95
16) Acetophenone	8.399	105	261292	35.867	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	135055	37.128	ng/ul	99
18) 4-Methylphenol	8.363	108	163502	36.047	ng/ul	92
19) Hexachloroethane	8.634	117	67598	34.892	ng/ul	96
22) Nitrobenzene	8.769	77	207193	35.288	ng/ul	98
23) Isophorone	9.293	82	385460	36.715	ng/ul	99
25) 2-Nitrophenol	9.469	139	91488	35.531	ng/ul	94
26) 2,4-Dimethylphenol	9.534	107	139510	25.091	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.757	93	213152	36.899	ng/ul	99
29) 2,4-Dichlorophenol	10.004	162	184234	36.408	ng/ul	97
30) Naphthalene	10.381	128	495581	34.706	ng/ul	99
32) 4-Chloroaniline	10.504	127	159455	27.005	ng/ul	97
33) Hexachlorobutadiene	10.657	225	149818	32.721	ng/ul	95
34) Caprolactam	11.298	113	55100m	36.608	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	207726	38.159	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	385351	35.745	ng/ul	98
37) 1-Methylnaphthalene	12.216	142	383786	34.824	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.375	216	290134	34.527	ng/ul	96
40) Hexachlorocyclopentadiene	12.345	237	117317	26.580	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	178319	34.849	ng/ul	98
42) 2,4,5-Trichlorophenol	12.716	196	198955	36.066	ng/ul	98
43) 1,1'-Biphenyl	13.028	154	568641	35.653	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	454361	34.849	ng/ul	99
45) 2-Nitroaniline	13.287	65	140061	38.259	ng/ul	91
47) Dimethylphthalate	13.663	163	641238	36.244	ng/ul	100
48) 2,6-Dinitrotoluene	13.798	165	130078	37.798	ng/ul	98
50) Acenaphthylene	13.922	152	686493	36.281	ng/ul	99
51) 3-Nitroaniline	14.139	138	111979	37.778	ng/ul#	95
52) Acenaphthene	14.263	153	483810	35.220	ng/ul	97
53) 2,4-Dinitrophenol	14.357	184	82851	33.929	ng/ul	93
55) 4-Nitrophenol	14.475	109	109777	34.803	ng/ul	96
56) Dibenzofuran	14.610	168	752897	35.474	ng/ul	99
57) 2,4-Dinitrotoluene	14.598	165	206314	37.615	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.863	232	182178	33.786	ng/ul	98
59) Diethylphthalate	15.051	149	643976	36.804	ng/ul	99
61) Fluorene	15.275	166	629542	36.240	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	371107	36.282	ng/ul	97
63) 4-Nitroaniline	15.316	138	110538	40.076	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.381	198	143264	36.639	ng/ul	98
67) N-Nitrosodiphenylamine	15.498	169	540958	38.313	ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	260613	37.664	ng/ul	98
69) Hexachlorobenzene	16.304	284	326712	37.507	ng/ul	98
70) Atrazine	16.475	200	122893	18.006	ng/ul	98
71) Pentachlorophenol	16.669	266	169036	31.257	ng/ul	99
72) Phenanthrene	17.063	178	1071984	37.157	ng/ul	99
74) Anthracene	17.145	178	1042550	35.942	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.992	216	291951	36.188	ng/uL	99
76) Pentachlorobenzene	14.539	250	327420	35.544	ng/uL	96
77) Carbazole	17.439	167	947442	37.439	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1100809	39.199	ng/ul	99
80) Fluoranthene	19.163	202	1416590	40.544	ng/ul	99
82) Pyrene	19.539	202	1471065	39.192	ng/ul	99
83) Butylbenzylphthalate	20.486	149	496138	40.147	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.363	252	537212	36.347	ng/ul	98
85) Benzo(a)anthracene	21.439	228	1515897	37.704	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.368	149	714997	40.714	ng/ul	97
87) Chrysene	21.504	228	1383965	36.583	ng/ul	99
89) Di-n-octyl phthalate	22.598	149	1175787	39.098	ng/ul	100
90) Benzo(b)fluoranthene	23.674	252	1599722	38.773	ng/ul	100
91) Benzo(k)fluoranthene	23.739	252	1568060	38.607	ng/ul#	99
93) Benzo(a)pyrene	24.545	252	1388842	37.238	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.345	276	1857581	35.748	ng/ul	98
95) Dibenzo(a,h)anthracene	28.415	278	1503326	35.631	ng/ul	99
96) Benzo(g,h,i)perylene	29.492	276	1423959m	36.078	ng/ul	

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

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