Quantitation Report (Qedit)

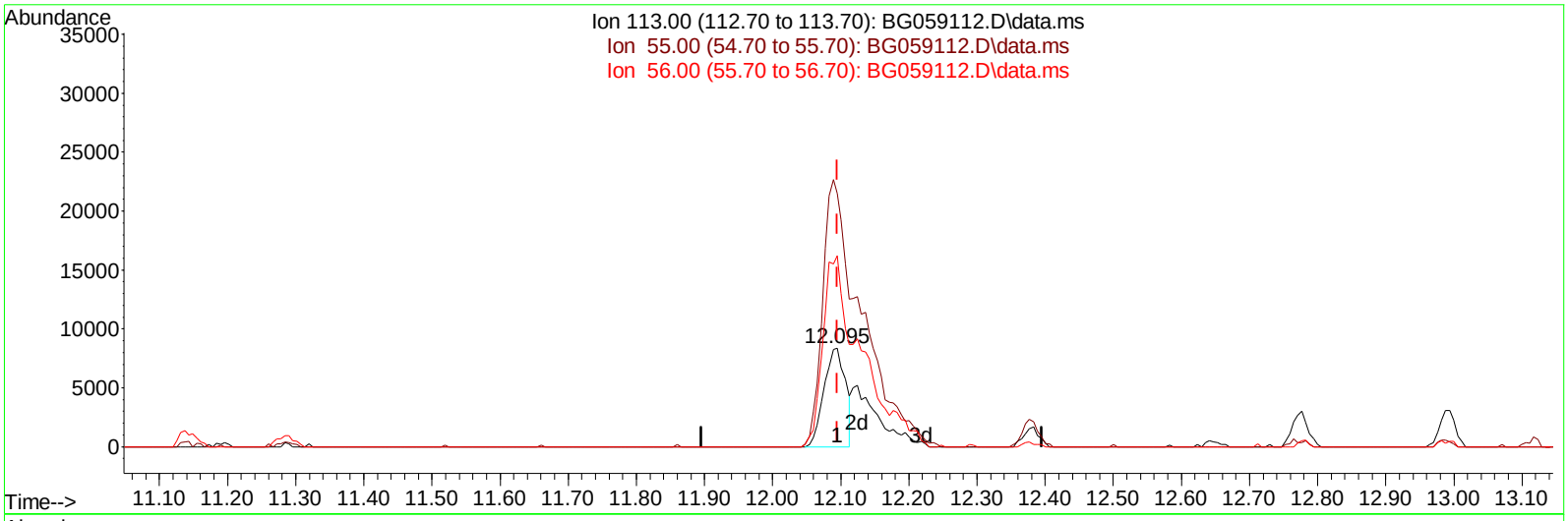
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059112.D
Acq On : 20 Sep 2023 16:46
Operator : MA/JU
Sample : PB155502BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

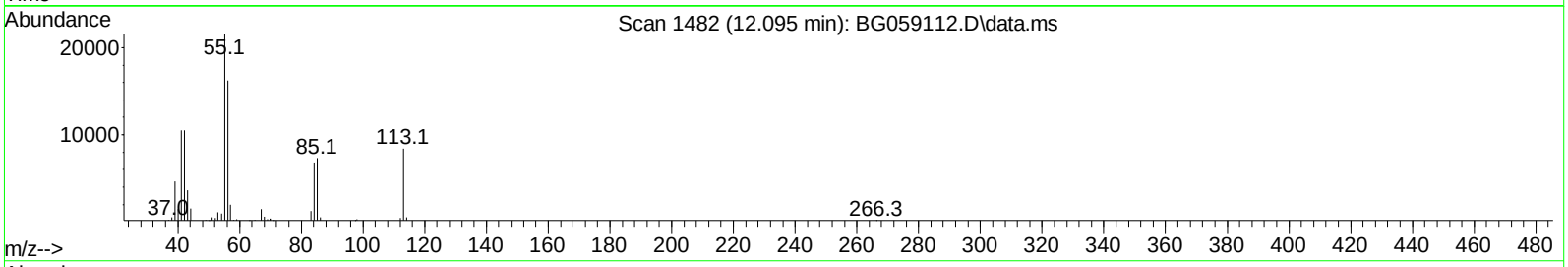
Quant Time: Sep 20 23:58:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

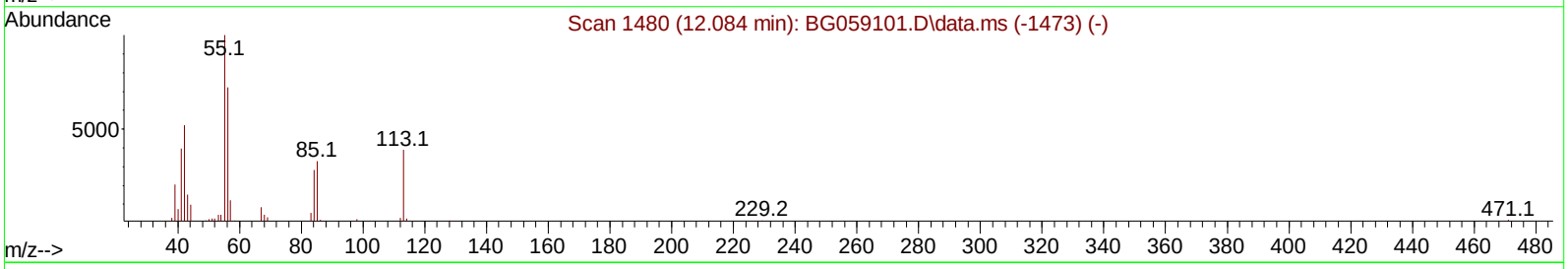
Instrument :
BNA_G
ClientSampleId :
SLCS502

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059112.D\data.ms

(34) Caprolactam

12.095min (-0.001) 23.81 ng/ul

response 18489

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	256.65#
56.00	140.40	193.51#
0.00	0.00	0.00

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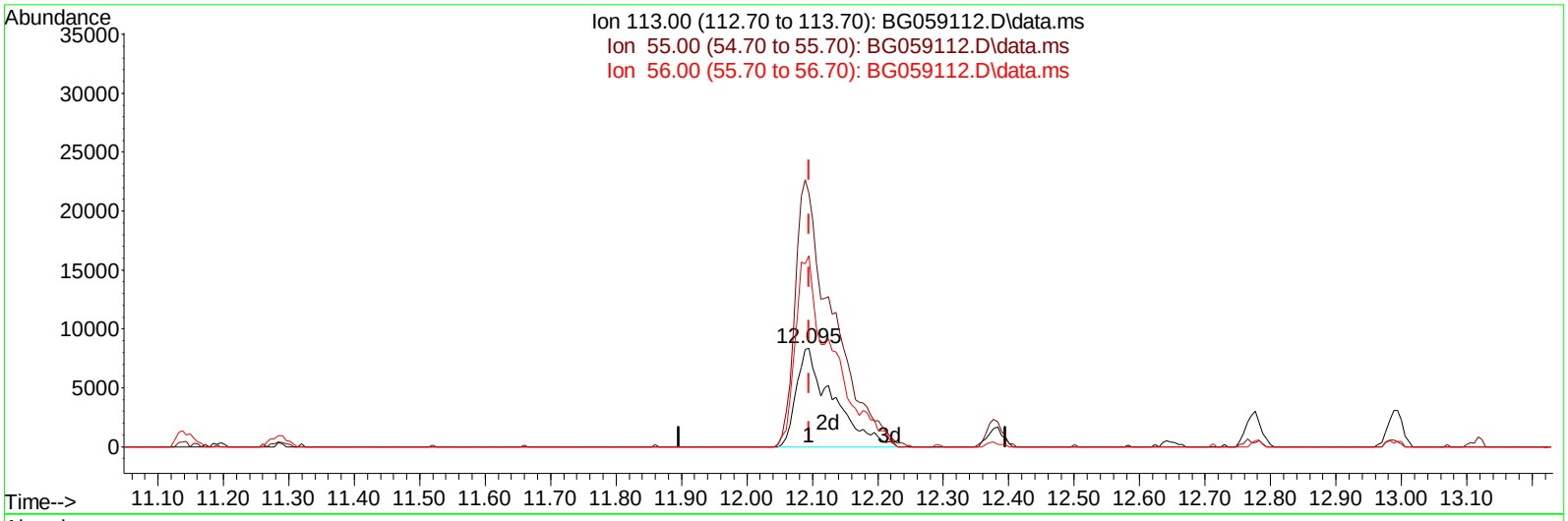

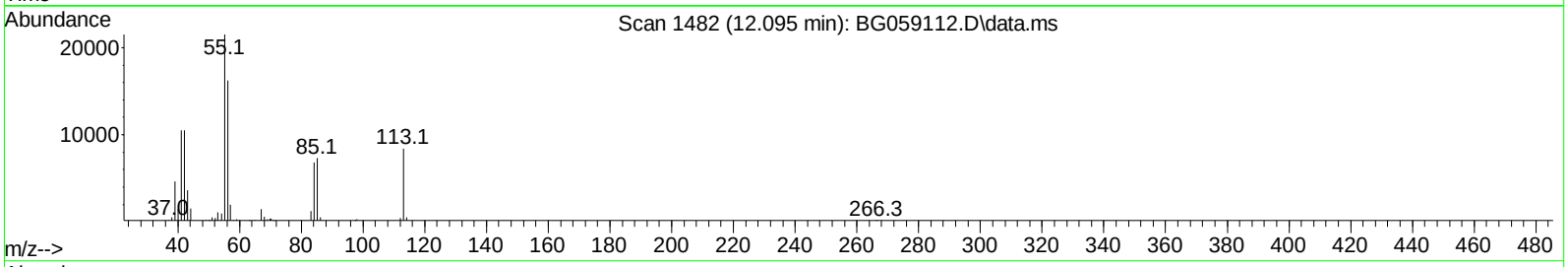

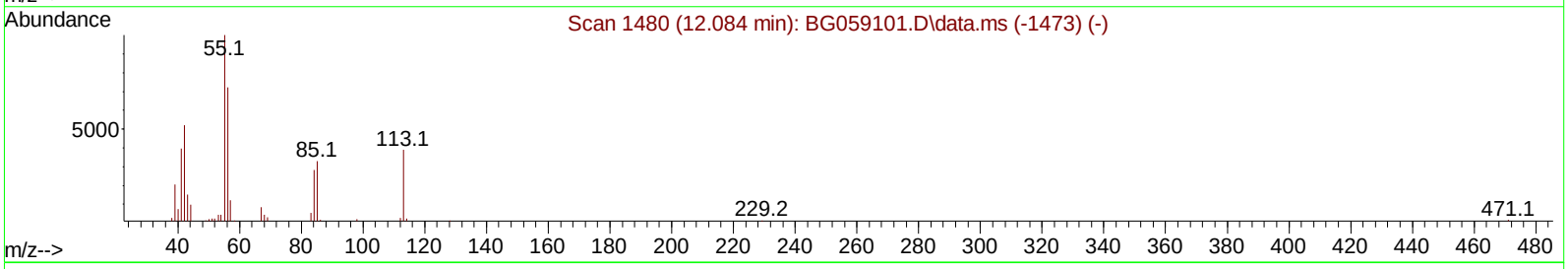

TIC: BG059112.D\data.ms

(34) Caprolactam

12.095min (-0.001) 41.98 ng/ul m

response 32596

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	256.65#
56.00	140.40	193.51#
0.00	0.00	0.00

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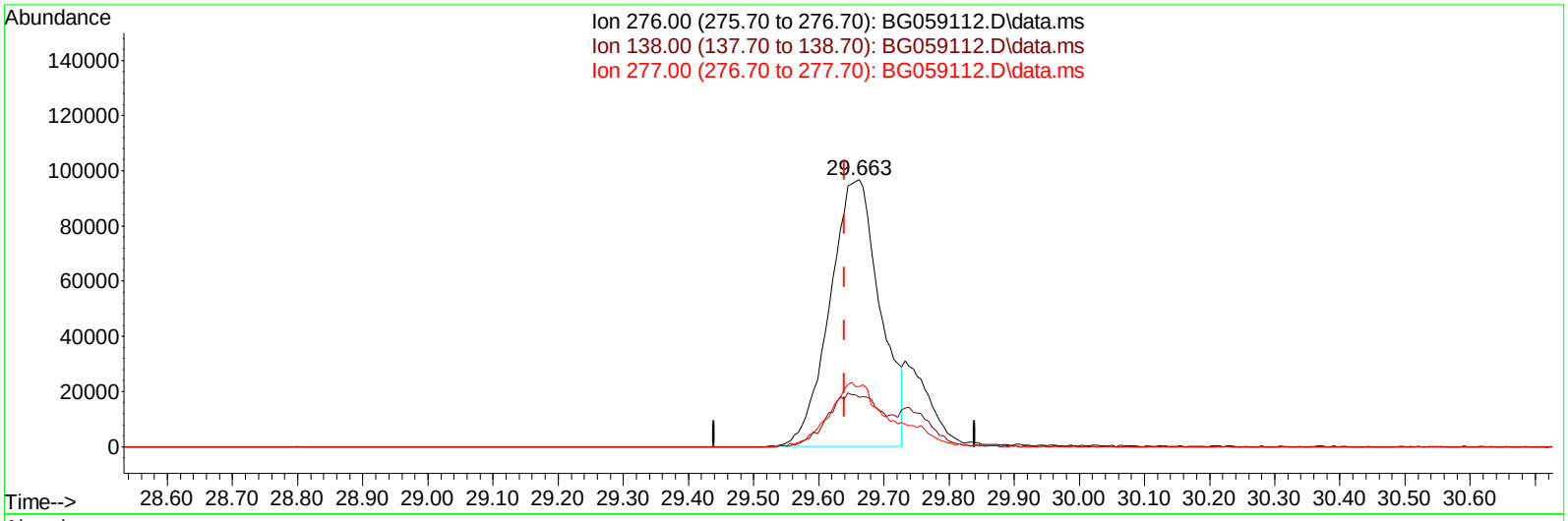

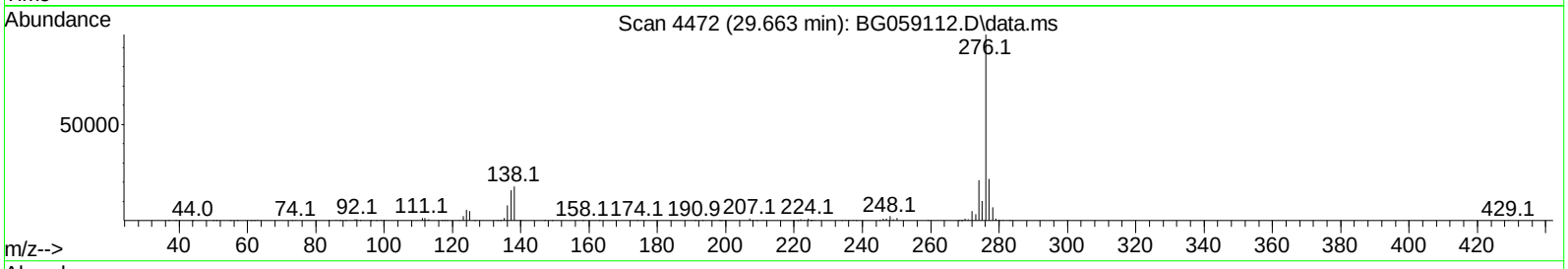

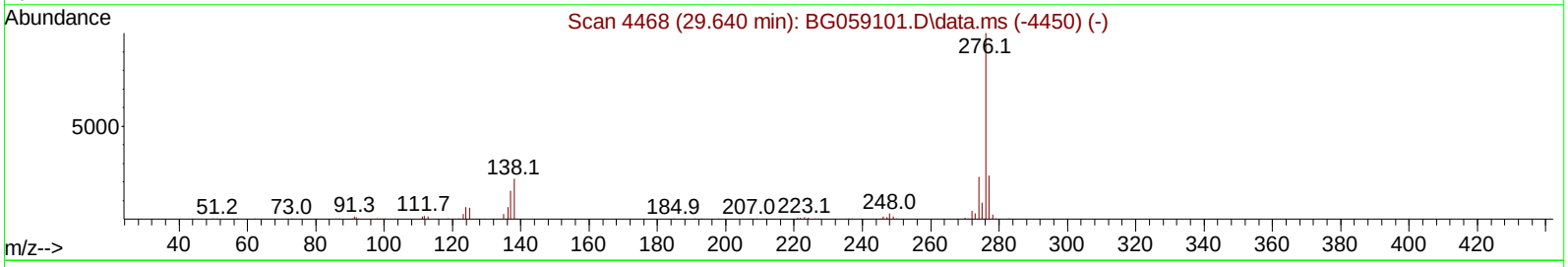

TIC: BG059112.D\data.ms

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

29.663min (+ 0.023) 38.90 ng/ul

response 515370

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	18.51
277.00	25.50	22.53
0.00	0.00	0.00

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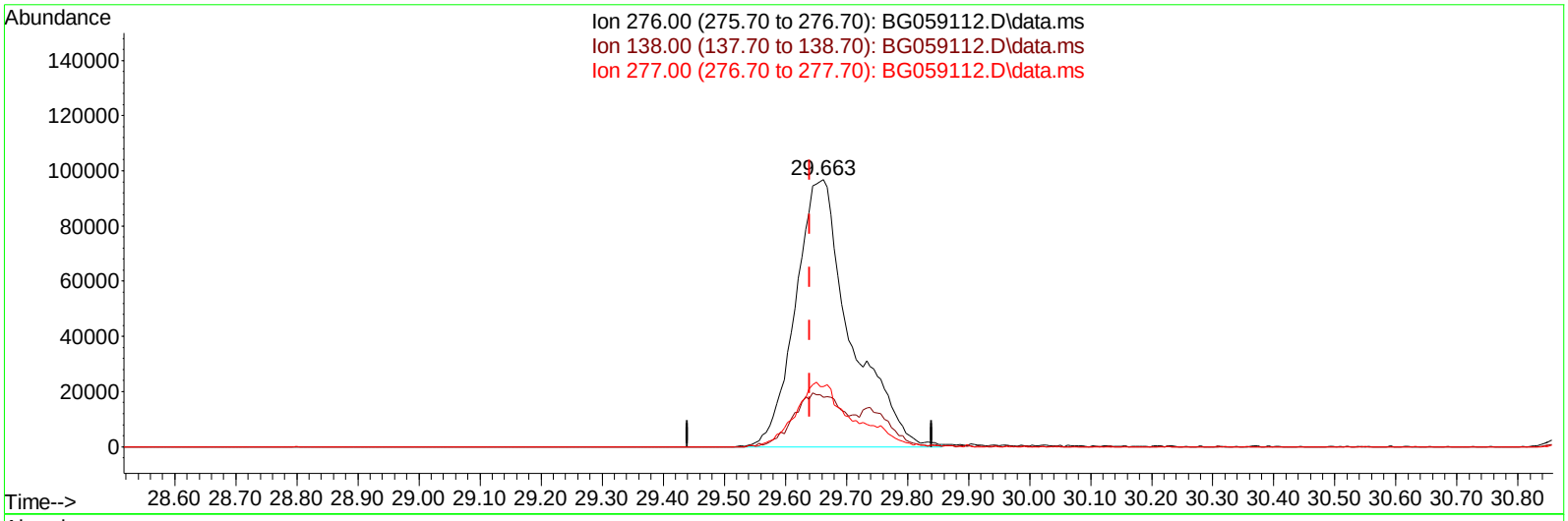

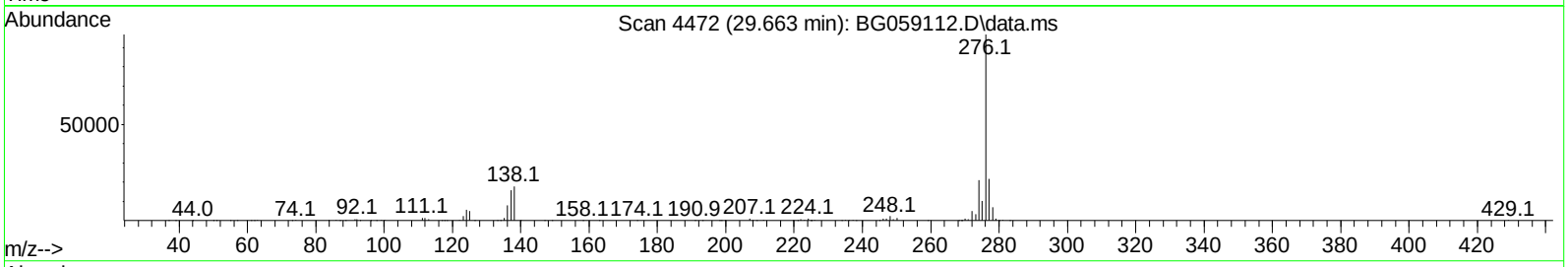

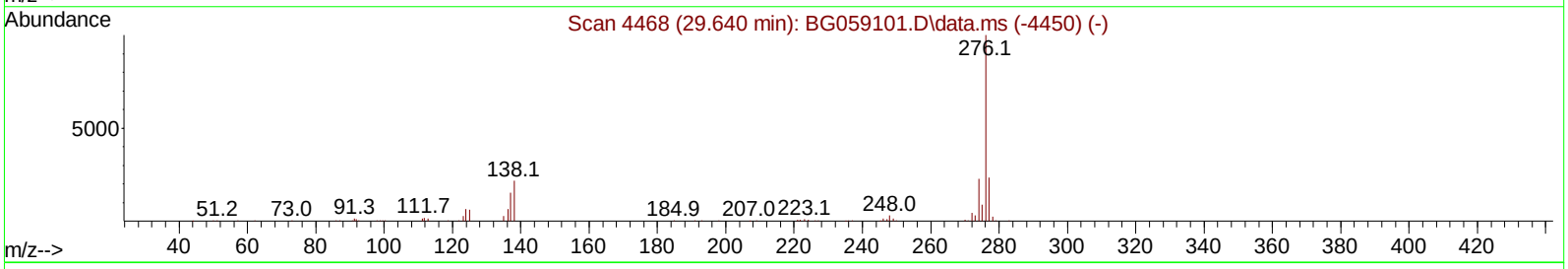

TIC: BG059112.D\data.ms

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

29.663min (+ 0.023) 45.65 ng/ul m

response 604816

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	18.51
277.00	25.50	22.53
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	8.299	152	28353	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	141743	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.927	164	90947	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	204244	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	170964	20.000	ng/ul	# 0.00
88) Perylene-d12	25.544	264	198927	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	5502	7.596	ng/uL	0.00
4) Pyridine-d5	4.040	84	78744	37.055	ng/ul	0.00
7) Phenol-d5	7.412	99	118628	42.551	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	69134	40.409	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	84185	40.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.981	113	87537	39.425	ng/ul	0.00
21) Nitrobenzene-d5	9.498	128	45404	41.512	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	48088	43.522	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.738	165	88466	42.174	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	123750	37.798	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	277627	39.692	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	334243	39.246	ng/ul	0.00
54) 4-Nitrophenol-d4	15.103	143	52638	41.248	ng/ul	0.00
60) Fluorene-d10	15.914	176	250727	39.161	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	51929	44.721	ng/ul	0.00
73) Anthracene-d10	17.776	188	366472	39.434	ng/ul	0.00
81) Pyrene-d10	20.050	212	418165	41.847	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	405285	41.724	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	11541	14.090	ng/uL	85
5) Pyridine	4.063	79	73625	34.001	ng/ul	95
6) Benzaldehyde	7.441	77	55137	38.141	ng/ul	96
8) Phenol	7.441	94	126059	43.992	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.712	93	96637	42.004	ng/ul	99
12) 2-Chlorophenol	7.847	128	89506	42.641	ng/ul	98
13) 2-Methylphenol	8.716	108	91764	43.151	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.816	45	204213	42.753	ng/ul	97
16) Acetophenone	9.140	105	149542	43.747	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.110	70	72571	41.996	ng/ul	97
18) 4-Methylphenol	9.051	108	101018	44.326	ng/ul	93
19) Hexachloroethane	9.380	117	33982	41.176	ng/ul	89
22) Nitrobenzene	9.539	77	106773	43.109	ng/ul	98
23) Isophorone	10.050	82	226332	42.614	ng/ul	97
25) 2-Nitrophenol	10.250	139	53286	43.155	ng/ul	97
26) 2,4-Dimethylphenol	10.268	107	85558	37.061	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.532	93	144291	43.668	ng/ul	96
29) 2,4-Dichlorophenol	10.767	162	91971	43.373	ng/ul	91
30) Naphthalene	11.196	128	322347	42.499	ng/ul	100
32) 4-Chloroaniline	11.308	127	100483	31.179	ng/ul	99
33) Hexachlorobutadiene	11.425	225	60244	44.141	ng/ul	89
34) Caprolactam	12.095	113	32596m	41.976	ng/ul	
35) 4-Chloro-3-methylphenol	12.377	107	98658	44.171	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	12.776	142	213403	42.127	ng/ul	96
37) 1-Methylnaphthalene	12.994	142	207509	40.551	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.117	216	111742	41.910	ng/ul	97
40) Hexachlorocyclopentadiene	13.070	237	60996	35.884	ng/ul	95
41) 2,4,6-Trichlorophenol	13.358	196	68826	39.530	ng/ul	95
42) 2,4,5-Trichlorophenol	13.429	196	78734	41.806	ng/ul	96
43) 1,1'-Biphenyl	13.763	154	315459	43.456	ng/ul	93
44) 2-Chloronaphthalene	13.816	162	234381	42.285	ng/ul	96
45) 2-Nitroaniline	14.034	65	76369	43.465	ng/ul	97
47) Dimethylphthalate	14.375	163	303188	42.439	ng/ul	99
48) 2,6-Dinitrotoluene	14.516	165	61082	46.269	ng/ul#	85
50) Acenaphthylene	14.662	152	358915	39.455	ng/ul	99
51) 3-Nitroaniline	14.850	138	63608	43.668	ng/ul	98
52) Acenaphthene	14.991	153	259060	41.995	ng/ul	99
53) 2,4-Dinitrophenol	15.044	184	38989	49.015	ng/ul	91
55) 4-Nitrophenol	15.121	109	36536	43.321	ng/ul	93
56) Dibenzofuran	15.326	168	349179	42.675	ng/ul	98
57) 2,4-Dinitrotoluene	15.291	165	85719	45.038	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.532	232	62944	36.107	ng/ul#	90
59) Diethylphthalate	15.720	149	295706	42.006	ng/ul	100
61) Fluorene	15.973	166	296648	42.460	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.955	204	149087	42.995	ng/ul	95
63) 4-Nitroaniline	16.014	138	64845	48.024	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.037	198	56574	45.203	ng/ul#	96
67) N-Nitrosodiphenylamine	16.172	169	245429	45.134	ng/ul	96
68) 4-Bromophenyl-phenylether	16.854	248	89989	45.285	ng/ul	96
69) Hexachlorobenzene	16.942	284	100273	44.054	ng/ul	94
70) Atrazine	17.101	200	7639	3.531	ng/ul	99
71) Pentachlorophenol	17.295	266	51687	34.960	ng/ul	94
72) Phenanthrene	17.724	178	493612	43.187	ng/ul	98
74) Anthracene	17.812	178	489392	41.905	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.722	216	11384	4.181	ng/uL	90
76) Pentachlorobenzene	15.221	250	117667	46.718	ng/uL	94
77) Carbazole	18.088	167	418835	43.136	ng/ul	99
78) Di-n-butylphthalate	18.593	149	509306	42.579	ng/ul	99
80) Fluoranthene	19.715	202	560050	44.975	ng/ul	98
82) Pyrene	20.080	202	578415	44.531	ng/ul	97
83) Butylbenzylphthalate	20.937	149	209096	44.566	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.889	252	189682	45.913	ng/ul	97
85) Benzo(a)anthracene	21.977	228	535025	43.104	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.813	149	319708	45.544	ng/ul	98
87) Chrysene	22.048	228	505675	43.685	ng/ul	99
89) Di-n-octyl phthalate	23.135	149	547647	45.030	ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	552970	45.619	ng/ul	99
91) Benzo(k)fluoranthene	24.480	252	569472	45.312	ng/ul	98
93) Benzo(a)pyrene	25.379	252	498300	42.774	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.663	276	604816m	45.649	ng/ul	
95) Dibenzo(a,h)anthracene	29.751	278	492615	46.267	ng/ul	98
96) Benzo(g,h,i)perylene	30.961	276	484208	45.368	ng/ul	99

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

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