Quantitation Report (Qedit)

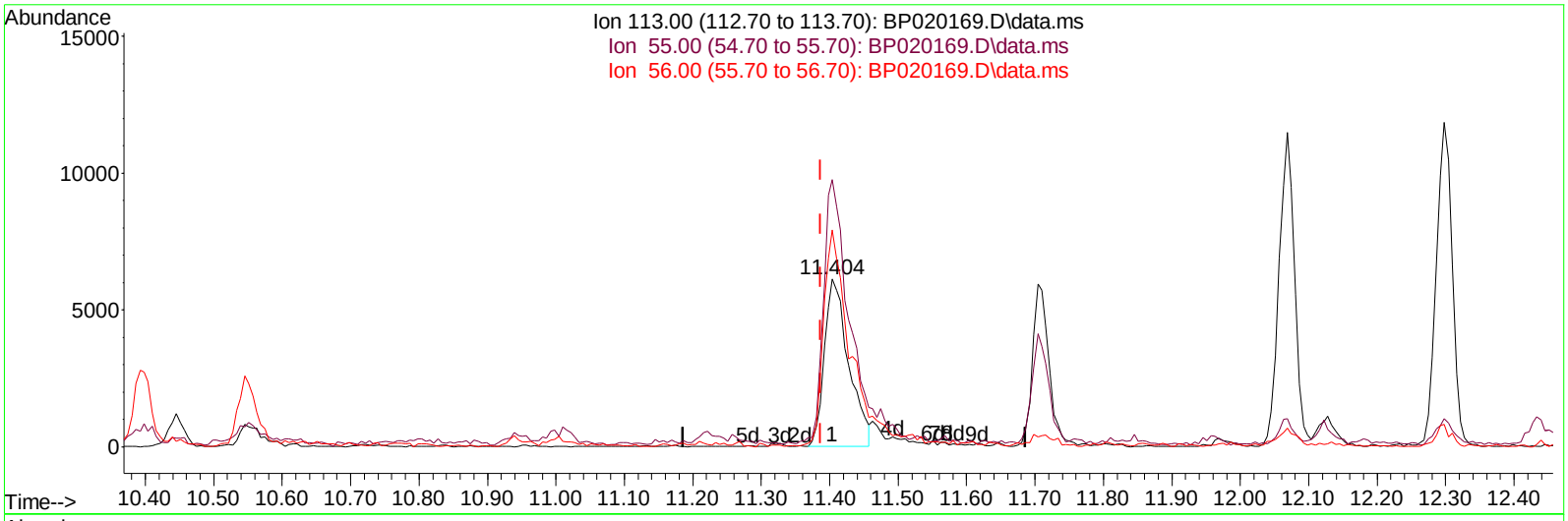
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020169.D
Acq On : 03 May 2024 09:10
Operator : MA/JU
Sample : P2220-05MSD 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

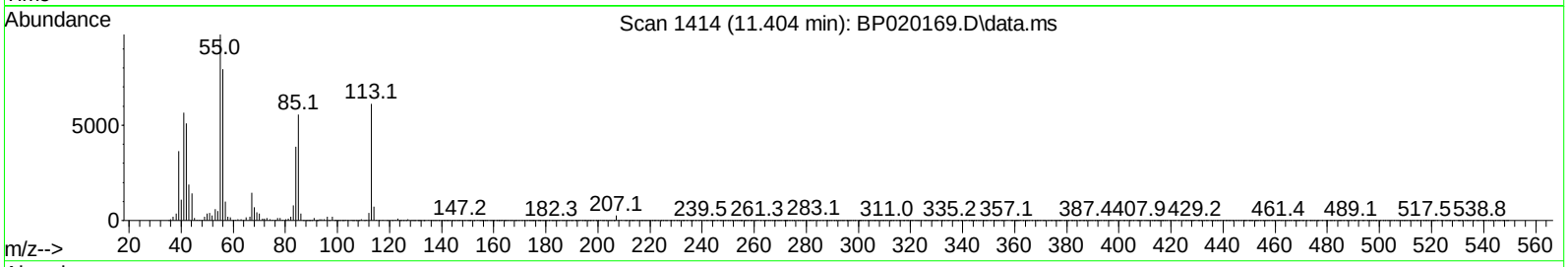
Quant Time: May 03 11:51:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

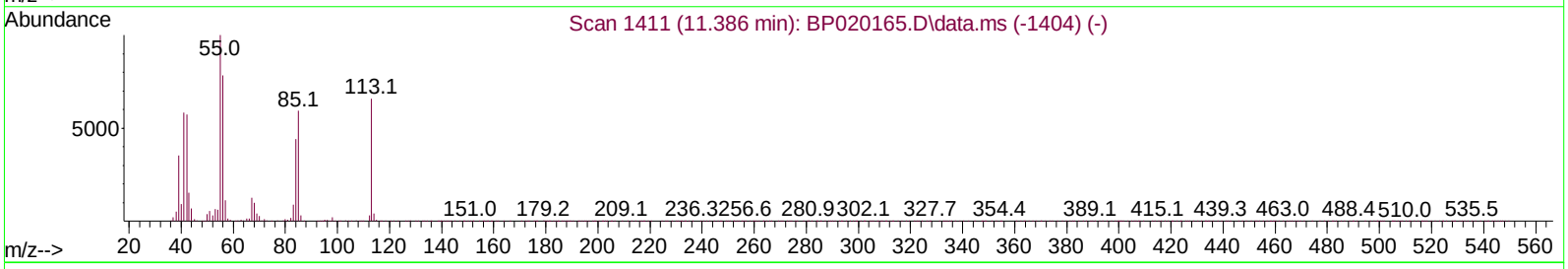
Instrument :
BNA_P
ClientSampleId :
E0813MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024







TIC: BP020169.D\data.ms

(34) Caprolactam

11.404min (+ 0.018) 7.46 ng/ul

response 14987

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	159.08
56.00	131.80	129.39
0.00	0.00	0.00

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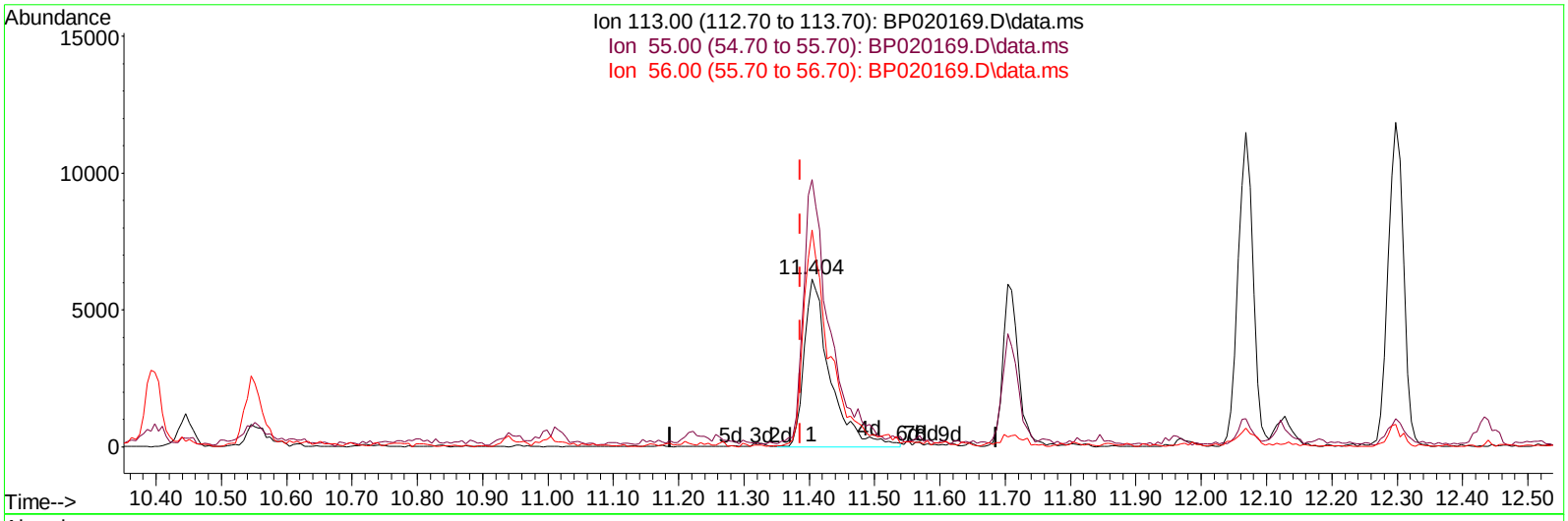
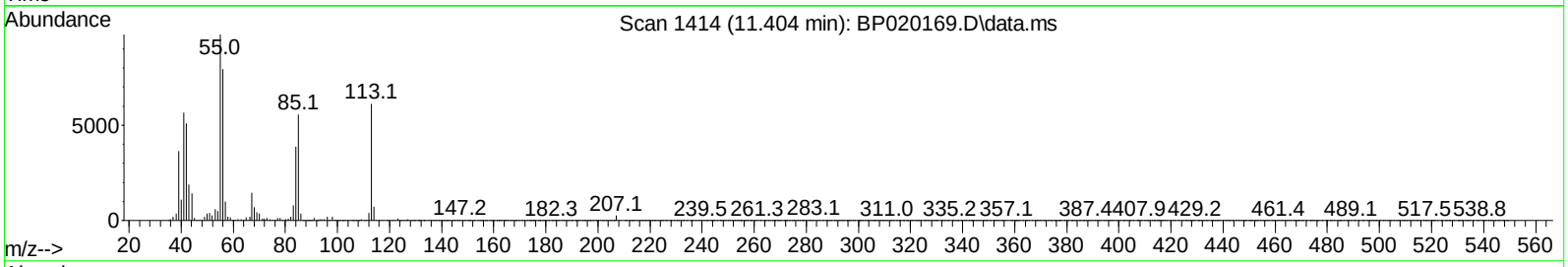
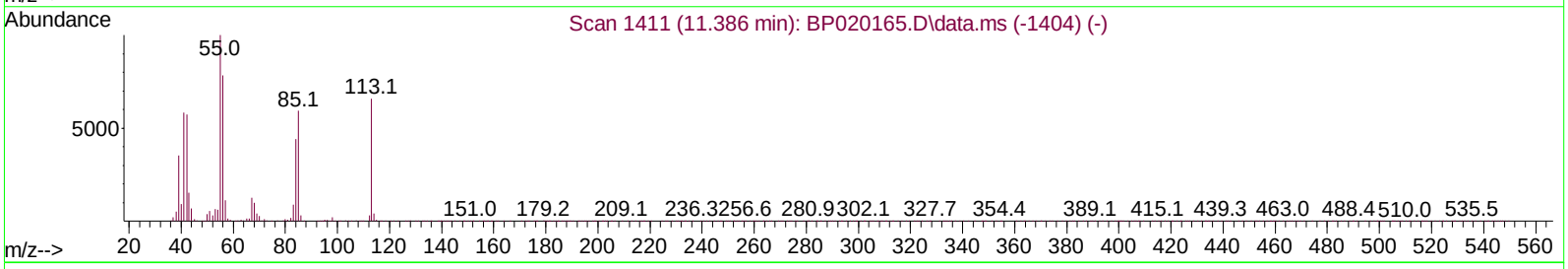
Supervised By :mohammad ahmed 05/06/2024







TIC: BP020169.D\data.ms

(34) Caprolactam

11.404min (+ 0.018) 8.37 ng/ul m

response 16817

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	159.08
56.00	131.80	129.39
0.00	0.00	0.00

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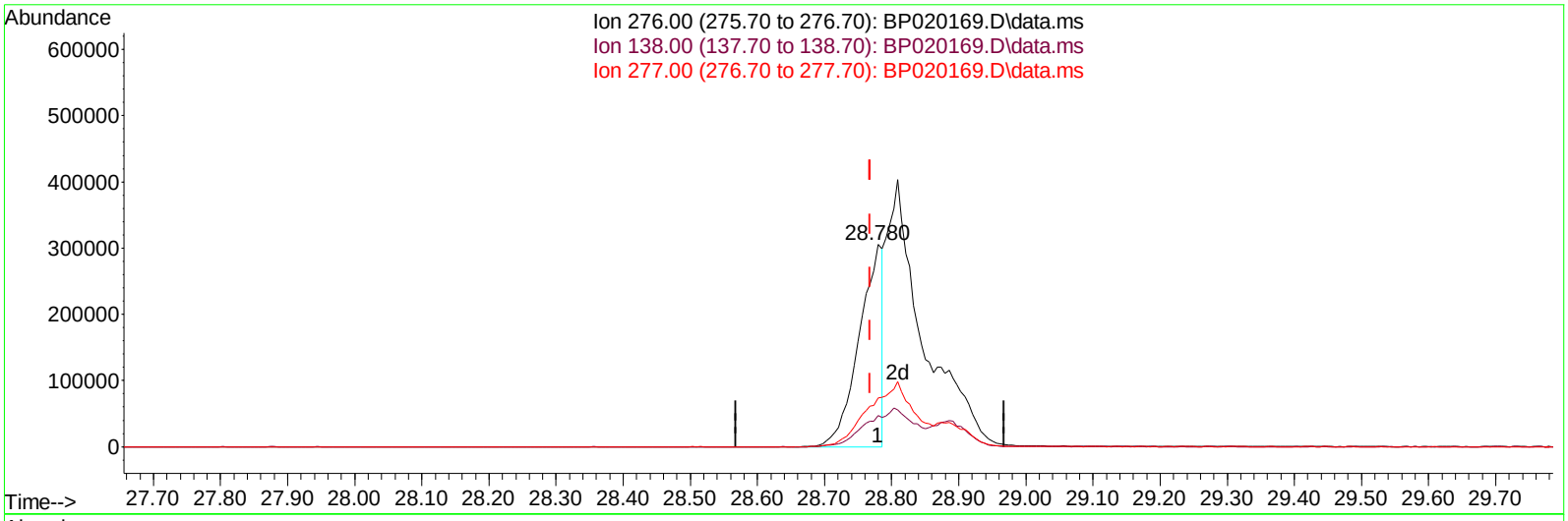

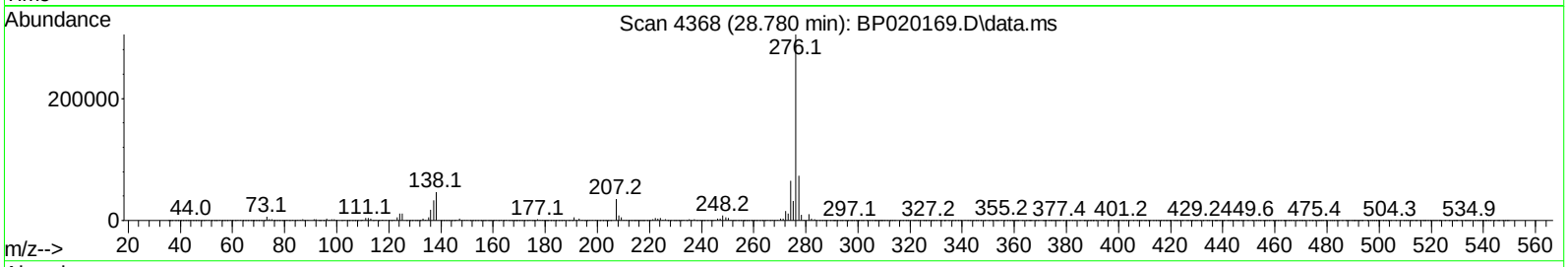

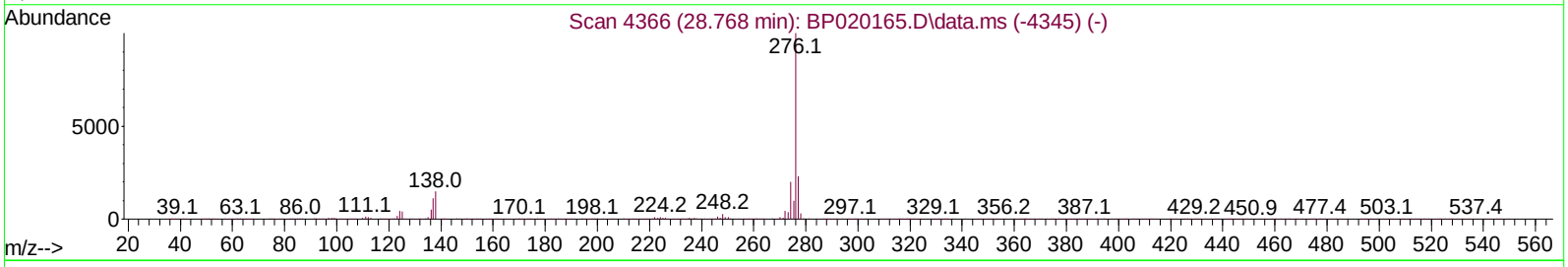

TIC: BP020169.D\data.ms

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

28.780min (+ 0.012) 15.69 ng/ul

response 746356

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	15.38
277.00	23.70	24.02
0.00	0.00	0.00

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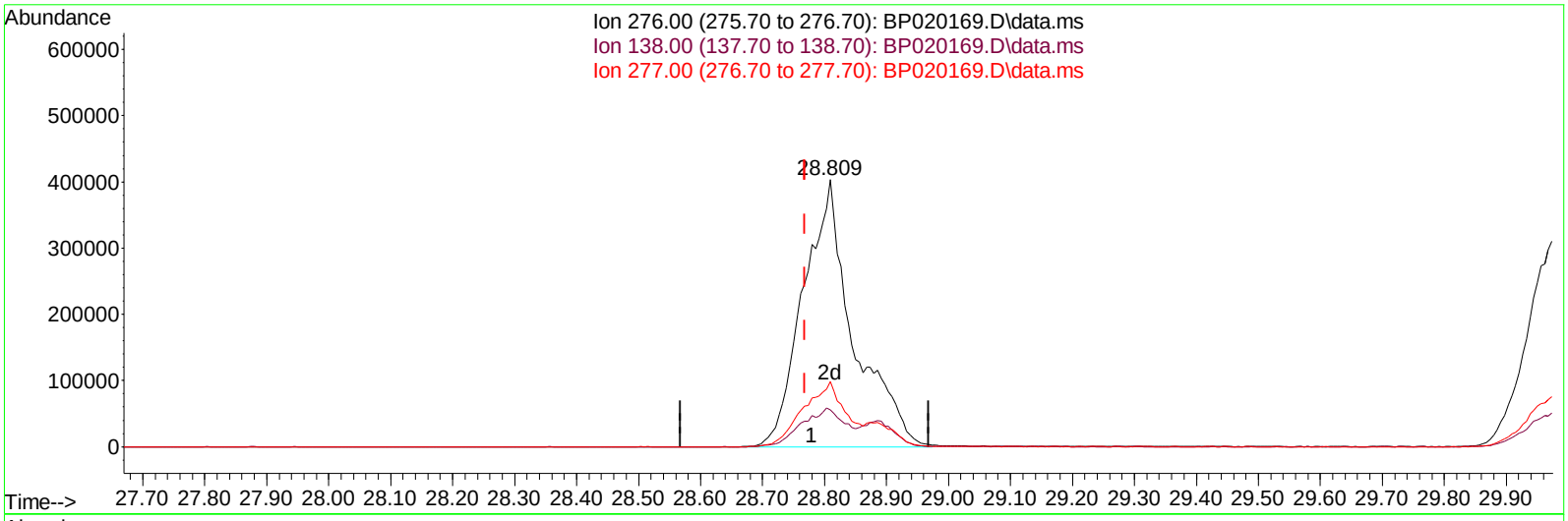

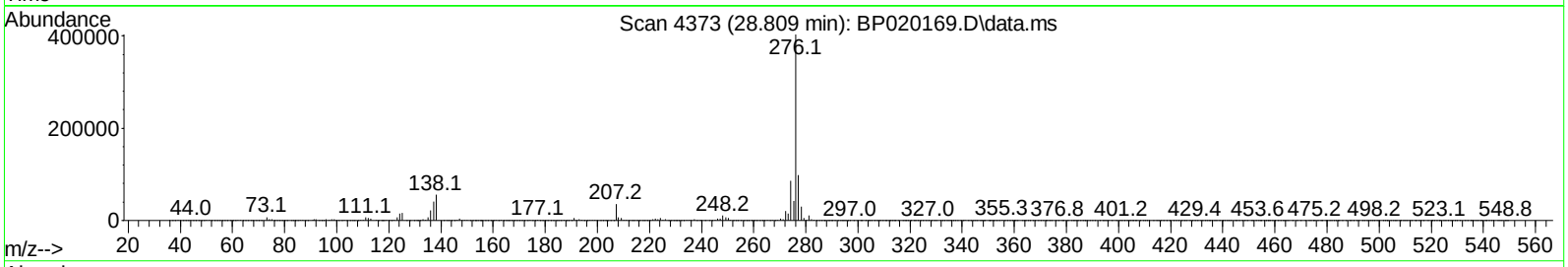

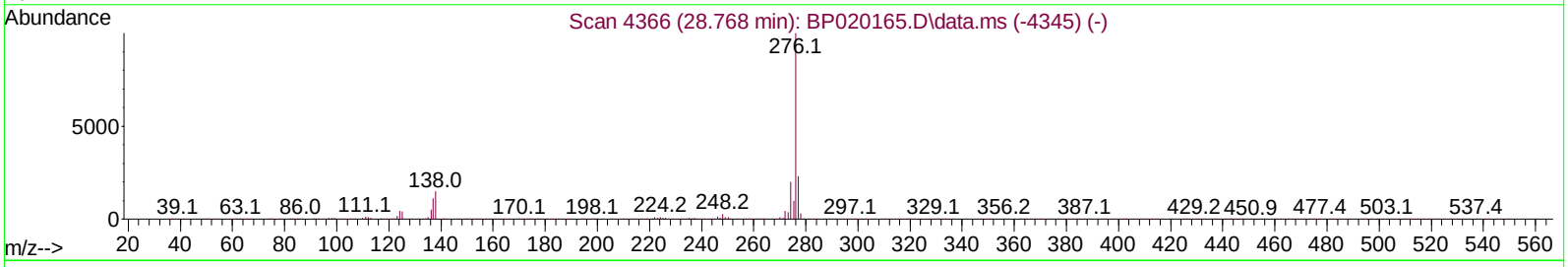

TIC: BP020169.D\data.ms

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

28.809min (+ 0.041) 47.57 ng/ul m

response 2262456

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	13.81
277.00	23.70	24.41
0.00	0.00	0.00

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Operator : MA/JU
Sample : P2220-05MSD 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 03 11:53:03 2024
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	82746	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	378241	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	277256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	646514	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	681538	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	685517	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	4771	2.435	ng/uL	0.00
4) Pyridine-d5	3.622	84	70573	12.397	ng/ul	0.00
7) Phenol-d5	6.816	99	64584	9.088	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	185330	42.933	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	170842	33.630	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	126612	22.038	ng/ul	0.00
21) Nitrobenzene-d5	8.786	128	126888	44.799	ng/ul	0.00
24) 2-Nitrophenol-d4	9.492	143	141102	43.503	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	238544	40.302	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	321897	38.858	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1009865	49.877	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	1012555	45.272	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	32419	10.418	ng/ul	0.01
60) Fluorene-d10	15.321	176	832951	49.323	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	205426	50.072	ng/ul	0.00
73) Anthracene-d10	17.245	188	1365789	48.833	ng/ul	0.00
81) Pyrene-d10	19.645	212	1800750	45.200	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.750	264	1787339	53.924	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	12519	5.631	ng/uL#	1
5) Pyridine	3.640	79	77024	13.377	ng/ul	95
6) Benzaldehyde	6.792	77	217193	60.807	ng/ul	99
8) Phenol	6.845	94	70365	9.594	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.069	93	239532	41.736	ng/ul	98
12) 2-Chlorophenol	7.198	128	170045	32.060	ng/ul	100
13) 2-Methylphenol	8.069	108	137136	25.066	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.145	45	293281	40.965	ng/ul	99
16) Acetophenone	8.451	105	445091	46.679	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	240810	46.538	ng/ul	98
18) 4-Methylphenol	8.398	108	137356	23.099	ng/ul	93
19) Hexachloroethane	8.675	117	88025	36.292	ng/ul	100
22) Nitrobenzene	8.828	77	331700	40.795	ng/ul	99
23) Isophorone	9.345	82	678146	43.374	ng/ul	98
25) 2-Nitrophenol	9.528	139	142413	42.389	ng/ul	96
26) 2,4-Dimethylphenol	9.581	107	163674	22.330	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.828	93	360522	41.594	ng/ul	97
29) 2,4-Dichlorophenol	10.057	162	233637	40.581	ng/ul	98
30) Naphthalene	10.445	128	793226	40.687	ng/ul	100
32) 4-Chloroaniline	10.575	127	299282	36.945	ng/ul	97
33) Hexachlorobutadiene	10.710	225	169115	37.819	ng/ul	97
34) Caprolactam	11.404	113	16817m	8.366	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	280341	39.109	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	597090	44.017	ng/ul	97
37) 1-Methylnaphthalene	12.298	142	610113	44.695	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.439	216	369860	42.774	ng/ul	98
40) Hexachlorocyclopentadiene	12.398	237	117738	25.036	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	244890	45.161	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	267931	45.918	ng/ul	93
43) 1,1'-Biphenyl	13.110	154	835999	42.631	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	657618	42.261	ng/ul	98
45) 2-Nitroaniline	13.386	65	265033	51.348	ng/ul	97
47) Dimethylphthalate	13.763	163	1010147	49.393	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	212064	52.160	ng/ul	95
50) Acenaphthylene	14.022	152	1101976	43.805	ng/ul	99
51) 3-Nitroaniline	14.233	138	194177	51.208	ng/ul	97
52) Acenaphthene	14.369	153	739050	43.716	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	138058	55.323	ng/ul	95
55) 4-Nitrophenol	14.574	109	35764	11.039	ng/ul	96
56) Dibenzofuran	14.716	168	1065121	45.810	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	323023	55.262	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.945	232	262751	50.146	ng/ul	98
59) Diethylphthalate	15.163	149	1049533	51.410	ng/ul	98
61) Fluorene	15.380	166	929799	48.128	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.380	204	495527	48.348	ng/ul	96
63) 4-Nitroaniline	15.433	138	192372	60.876	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	215037	50.266	ng/ul	95
67) N-Nitrosodiphenylamine	15.610	169	833869	46.323	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	332197	47.437	ng/ul	97
69) Hexachlorobenzene	16.404	284	376929	46.472	ng/ul	98
70) Atrazine	16.610	200	366996	57.496	ng/ul	99
71) Pentachlorophenol	16.774	266	239557	48.864	ng/ul	99
72) Phenanthrene	17.180	178	1584255	48.028	ng/ul	99
74) Anthracene	17.280	178	1553576	46.306	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	370312	38.539	ng/uL	98
76) Pentachlorobenzene	14.621	250	407932	42.424	ng/uL	98
77) Carbazole	17.568	167	1463961	50.652	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1937057	55.293	ng/ul	100
80) Fluoranthene	19.292	202	2037782	43.463	ng/ul	100
82) Pyrene	19.674	202	2132803	43.721	ng/ul	99
83) Butylbenzylphthalate	20.639	149	943442	50.947	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.533	252	683634	49.286	ng/ul	98
85) Benzo(a)anthracene	21.598	228	2228131	48.201	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.556	149	1396466	52.273	ng/ul	98
87) Chrysene	21.674	228	2095615	48.913	ng/ul	99
89) Di-n-octyl phthalate	22.850	149	2431142	55.376	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	2202297	54.006	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	2125763	51.153	ng/ul	99
93) Benzo(a)pyrene	24.827	252	1789957	46.132	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	2262456m	47.566	ng/ul	
95) Dibenzo(a,h)anthracene	28.885	278	1871031	47.557	ng/ul	99
96) Benzo(g,h,i)perylene	29.974	276	1709158	44.553	ng/ul	98

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

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