Quantitation Report (Qedit)

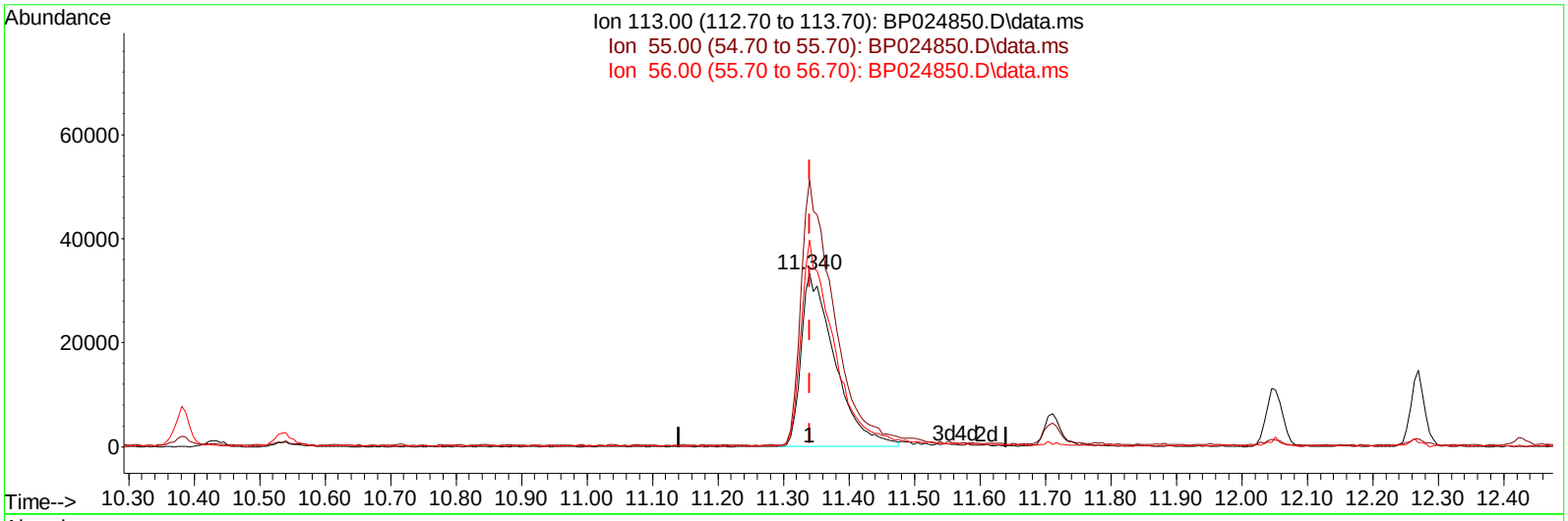
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024850.D
Acq On : 05 Jun 2025 11:49
Operator : RC/JU
Sample : SSTD02099
Misc :
ALS Vial : 4 Sample Multiplier: 1

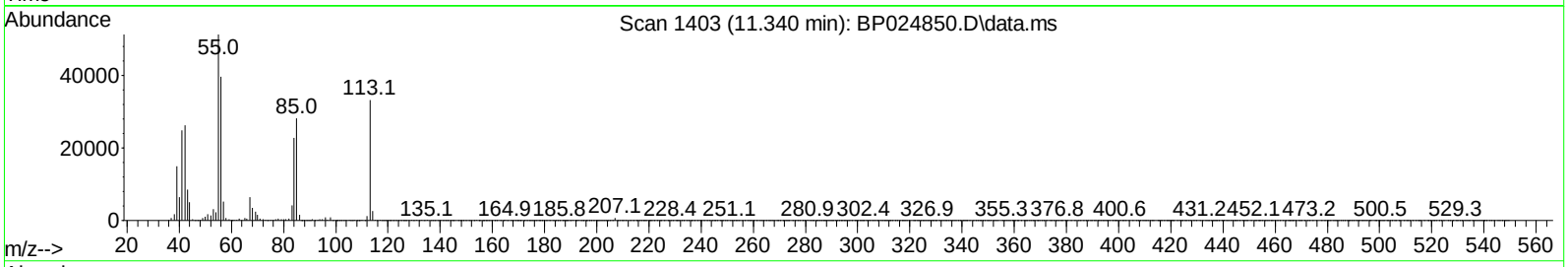
Quant Time: Jun 05 15:35:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 05 14:19:43 2025
Response via : Initial Calibration

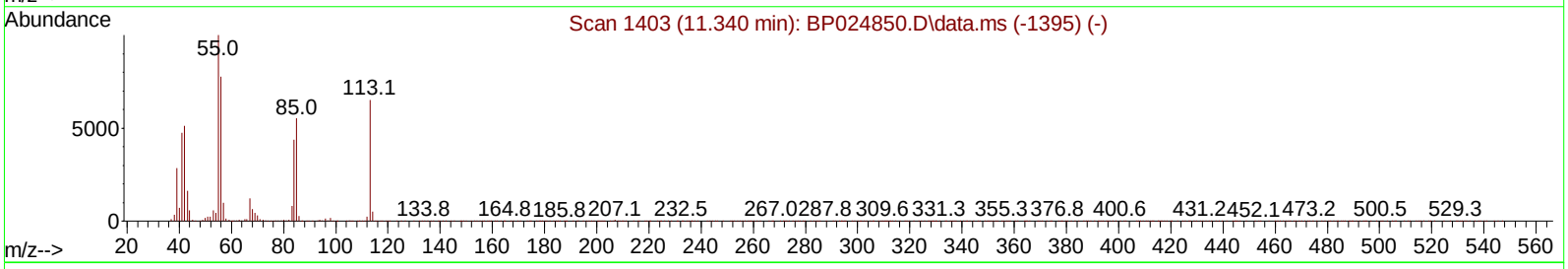
Instrument :
BNA_P
ClientSampleId :
SSTD020633

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025







TIC: BP024850.D\data.ms

(34) Caprolactam

11.340min (0.000) 20.03 ng/ul

response 118876

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.10	154.15
56.00	119.30	119.27
0.00	0.00	0.00

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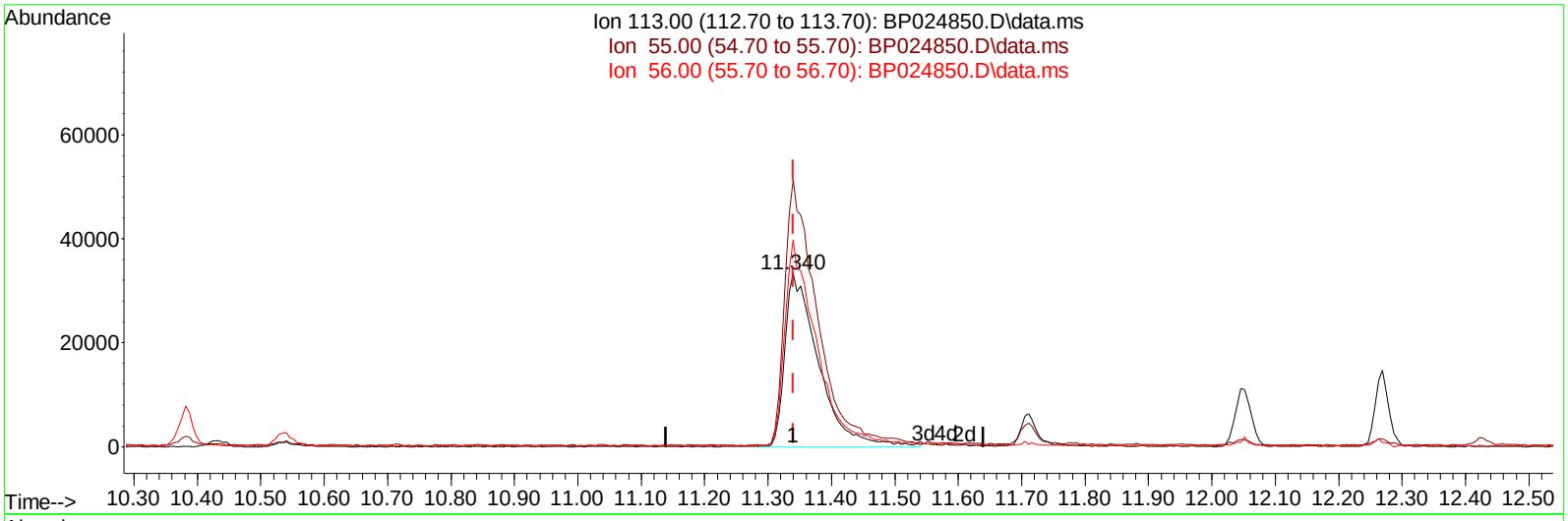

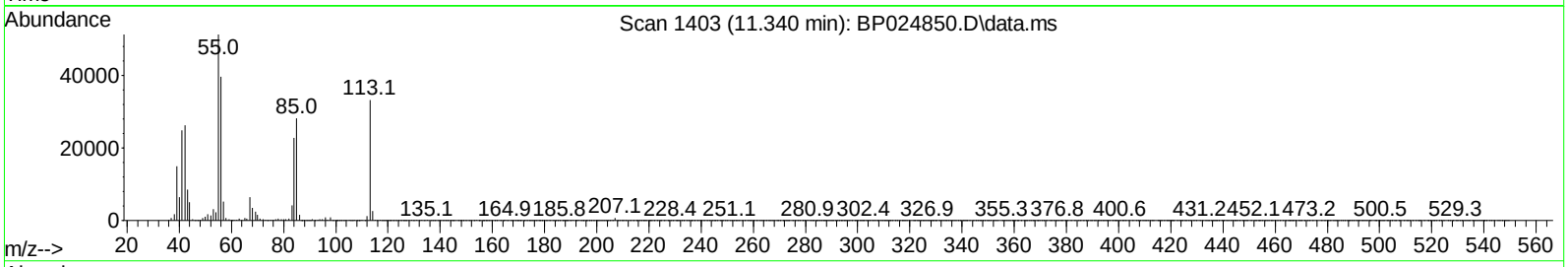

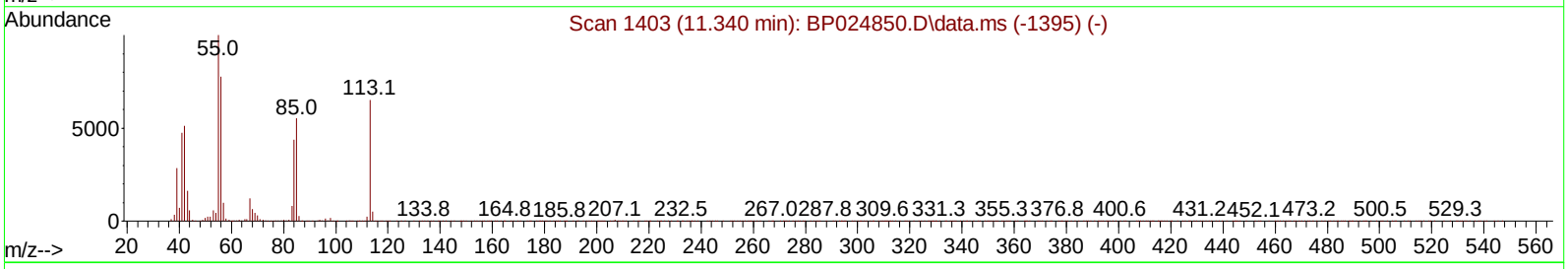

TIC: BP024850.D\data.ms

(34) Caprolactam

11.340min (0.000) 20.48 ng/ul m

response 121554

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.10	154.15
56.00	119.30	119.27
0.00	0.00	0.00

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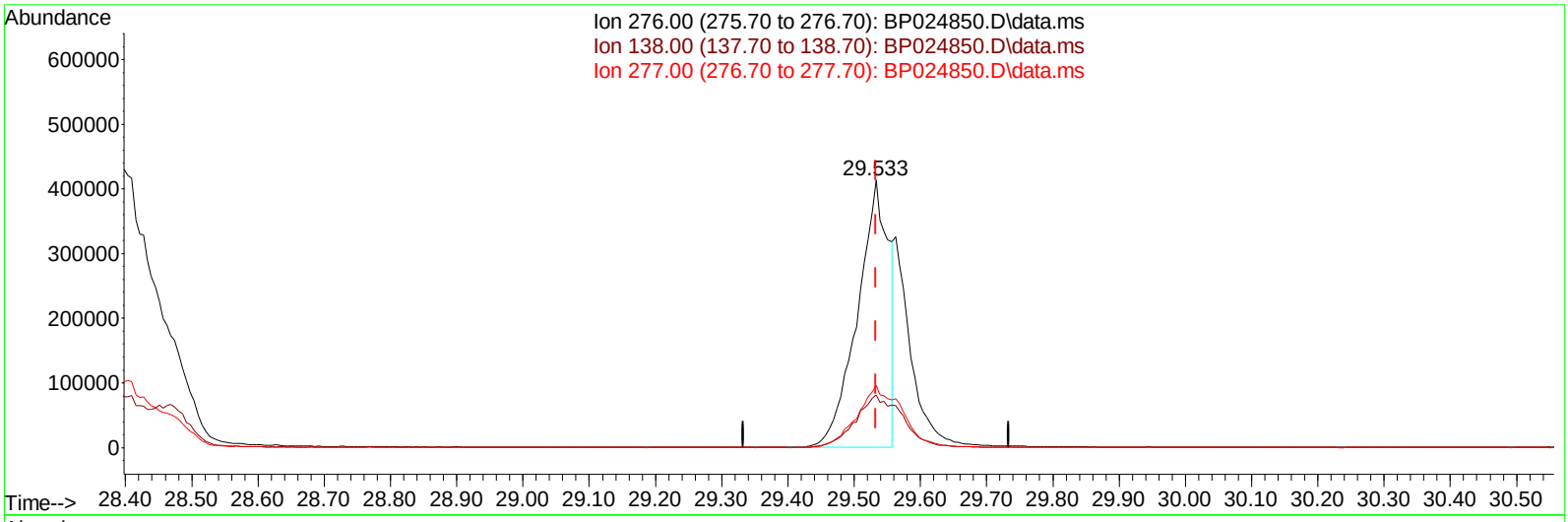

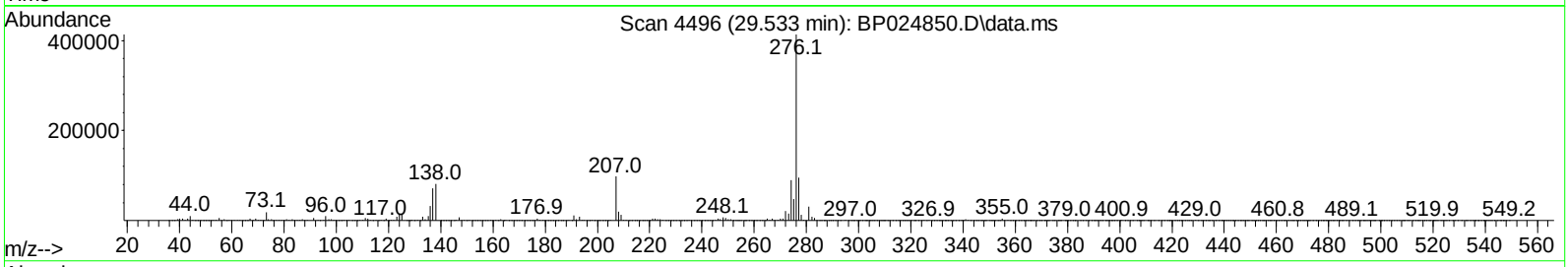

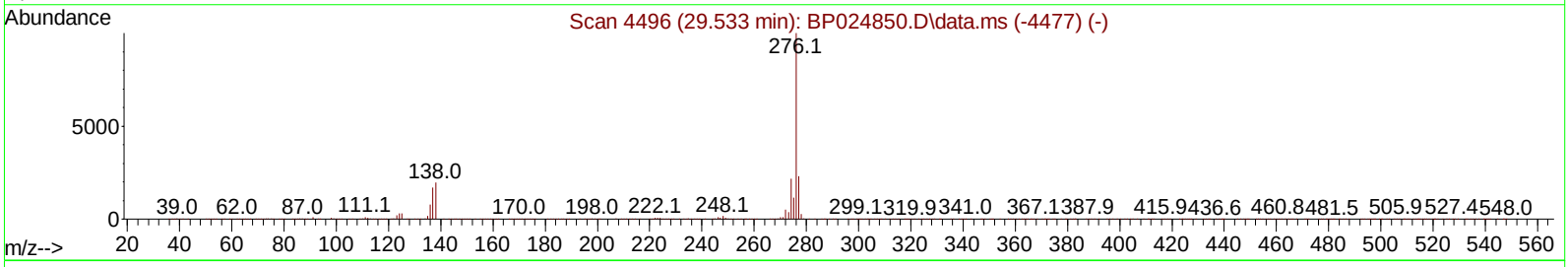

TIC: BP024850.D\data.ms

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

29.533min (0.000) 14.85 ng/ul

response 1343997

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	19.75
277.00	23.20	23.16
0.00	0.00	0.00

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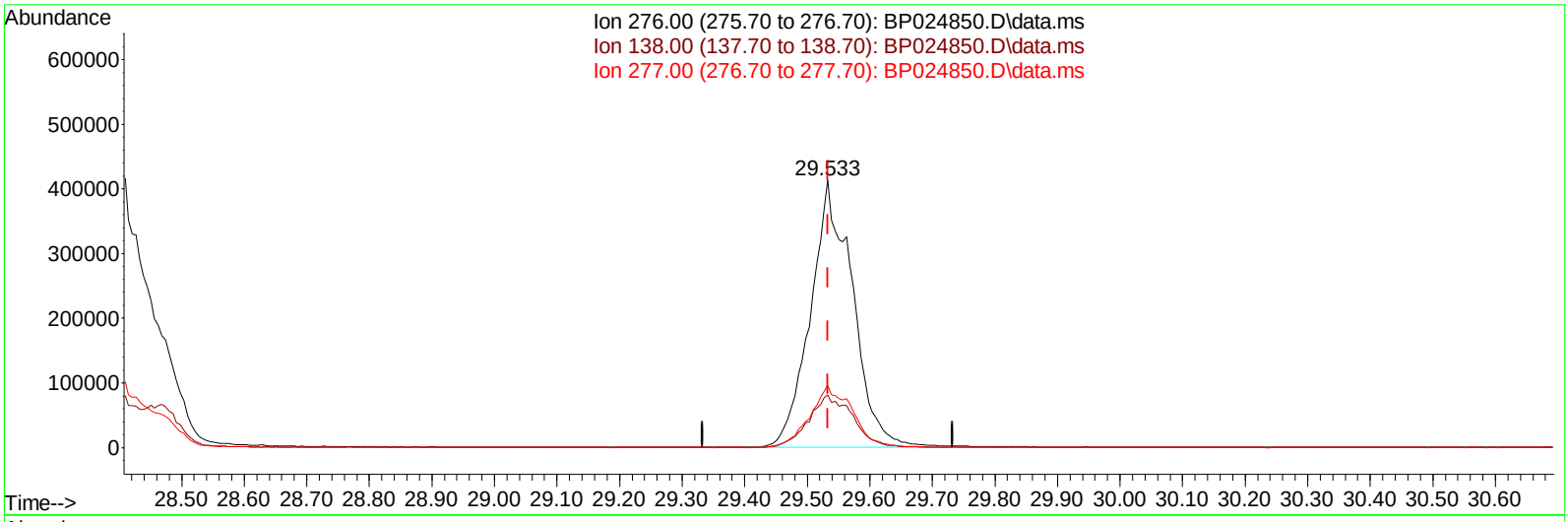

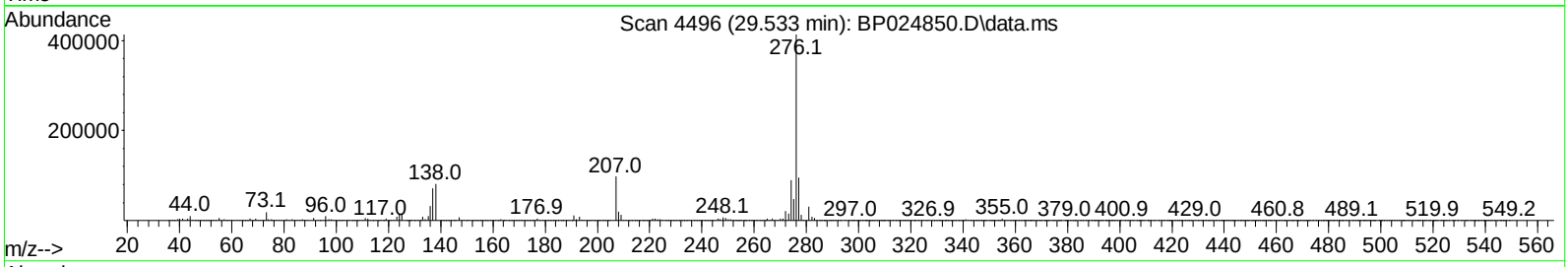

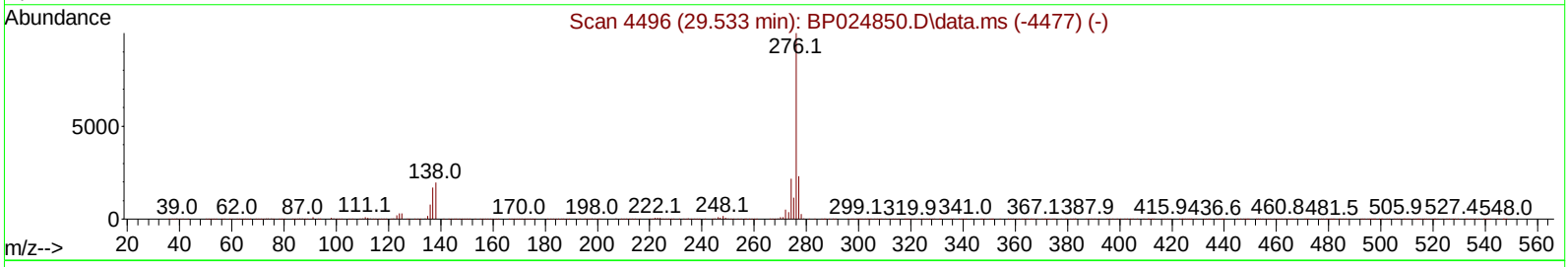

TIC: BP024850.D\data.ms

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

29.533min (0.000) 21.27 ng/ul m

response 1925086

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	19.75
277.00	23.20	23.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 06/06/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	247295	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	1052784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	683253	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1285774	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1359431	20.000	ng/ul	0.00
88) Perylene-d12	24.733	264	1602492	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	52428	8.118	ng/uL	0.00
4) Pyridine-d5	3.552	84	324812	20.721	ng/ul	0.00
7) Phenol-d5	6.822	99	408458	20.521	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	245368	20.891	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	347214	21.212	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	336839	20.568	ng/ul	0.00
21) Nitrobenzene-d5	8.758	128	170341	20.679	ng/ul	0.00
24) 2-Nitrophenol-d4	9.475	143	195500	21.239	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	331525	20.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	486335	21.025	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	1034282	20.488	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	1176660	20.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	150813	19.605	ng/ul	0.00
60) Fluorene-d10	15.263	176	846266	20.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	174184	20.026	ng/ul	0.00
73) Anthracene-d10	17.157	188	1309024	21.266	ng/ul	0.00
81) Pyrene-d10	19.528	212	1468880	20.859	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.510	264	1691770	20.716	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	56902	8.131	ng/uL	100
5) Pyridine	3.570	79	338727	20.937	ng/ul	100
6) Benzaldehyde	6.769	77	230195	25.453	ng/ul	100
8) Phenol	6.846	94	419446	20.396	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.046	93	339032	21.009	ng/ul	100
12) 2-Chlorophenol	7.193	128	354911	21.284	ng/ul	100
13) 2-Methylphenol	8.075	108	326848	20.732	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.122	45	428429	20.987	ng/ul	100
16) Acetophenone	8.434	105	540217	21.483	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.411	70	279119	21.633	ng/ul	100
18) 4-Methylphenol	8.399	108	358997	21.041	ng/ul	100
19) Hexachloroethane	8.675	117	143566	20.641	ng/ul	100
22) Nitrobenzene	8.805	77	398891	20.966	ng/ul	100
23) Isophorone	9.328	82	781668	20.918	ng/ul	100
25) 2-Nitrophenol	9.511	139	210637	21.176	ng/ul	100
26) 2,4-Dimethylphenol	9.581	107	389280	21.081	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.805	93	456935	20.862	ng/ul	100
29) 2,4-Dichlorophenol	10.058	162	332848	21.096	ng/ul	100
30) Naphthalene	10.434	128	1131021	20.687	ng/ul	100
32) 4-Chloroaniline	10.557	127	449745	20.887	ng/ul	100
33) Hexachlorobutadiene	10.710	225	217952	20.456	ng/ul	100
34) Caprolactam	11.340	113	121554m	20.479	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	377724	21.249	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.046	142	793855	20.661	ng/ul	100
37) 1-Methylnaphthalene	12.269	142	796244	20.882	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	413014	20.593	ng/ul	100
40) Hexachlorocyclopentadiene	12.399	237	182395	18.462	ng/ul	100
41) 2,4,6-Trichlorophenol	12.681	196	266275	20.820	ng/ul	100
42) 2,4,5-Trichlorophenol	12.775	196	274273	20.617	ng/ul	100
43) 1,1'-Biphenyl	13.075	154	1019051	20.642	ng/ul	100
44) 2-Chloronaphthalene	13.122	162	791821	20.702	ng/ul	100
45) 2-Nitroaniline	13.334	65	243381	21.591	ng/ul	100
47) Dimethylphthalate	13.710	163	1019504	20.297	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	214281	21.116	ng/ul	100
50) Acenaphthylene	13.975	152	1211505	20.828	ng/ul	100
51) 3-Nitroaniline	14.181	138	219703	21.294	ng/ul	100
52) Acenaphthene	14.316	153	881650	20.897	ng/ul	100
53) 2,4-Dinitrophenol	14.410	184	105666	17.341	ng/ul	100
55) 4-Nitrophenol	14.534	109	119240	17.766	ng/ul	100
56) Dibenzofuran	14.663	168	1191490	20.528	ng/ul	100
57) 2,4-Dinitrotoluene	14.640	165	314015	20.699	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.904	232	241375	20.473	ng/ul	100
59) Diethylphthalate	15.098	149	1036407	20.115	ng/ul	100
61) Fluorene	15.316	166	951163	20.462	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.322	204	463765	20.135	ng/ul	100
63) 4-Nitroaniline	15.363	138	194033	22.350	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.416	198	190833	20.552	ng/ul	100
67) N-Nitrosodiphenylamine	15.534	169	830450	21.383	ng/ul	100
68) 4-Bromophenyl-phenylether	16.228	248	302500	20.923	ng/ul	100
69) Hexachlorobenzene	16.345	284	361583	20.771	ng/ul	100
70) Atrazine	16.516	200	306854	21.073	ng/ul	100
71) Pentachlorophenol	16.716	266	169117	18.287	ng/ul	100
72) Phenanthrene	17.098	178	1501452	21.289	ng/ul	100
74) Anthracene	17.192	178	1486295	21.065	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.046	216	417007	21.449	ng/uL	100
76) Pentachlorobenzene	14.581	250	420183	21.329	ng/uL	100
77) Carbazole	17.481	167	1393864	21.530	ng/ul	100
78) Di-n-butylphthalate	18.063	149	1705328	20.067	ng/ul	100
80) Fluoranthene	19.186	202	1715843	21.091	ng/ul	100
82) Pyrene	19.557	202	1837618	21.328	ng/ul	100
83) Butylbenzylphthalate	20.516	149	797820	20.292	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.392	252	602941	22.002	ng/ul	100
85) Benzo(a)anthracene	21.463	228	1805994	20.794	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1187336	20.349	ng/ul	100
87) Chrysene	21.533	228	1688536	20.630	ng/ul	100
89) Di-n-octyl phthalate	22.633	149	2050643	20.551	ng/ul	100
90) Benzo(b)fluoranthene	23.704	252	1883945	20.517	ng/ul	100
91) Benzo(k)fluoranthene	23.774	252	1933233	20.823	ng/ul	100
93) Benzo(a)pyrene	24.574	252	1798204	20.944	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.398	276	2455524	21.159	ng/ul	100
95) Dibenzo(a,h)anthracene	28.474	278	1954810	20.900	ng/ul	100
96) Benzo(g,h,i)perylene	29.533	276	1925086m	21.270	ng/ul	

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

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