Quantitation Report (Qedit)

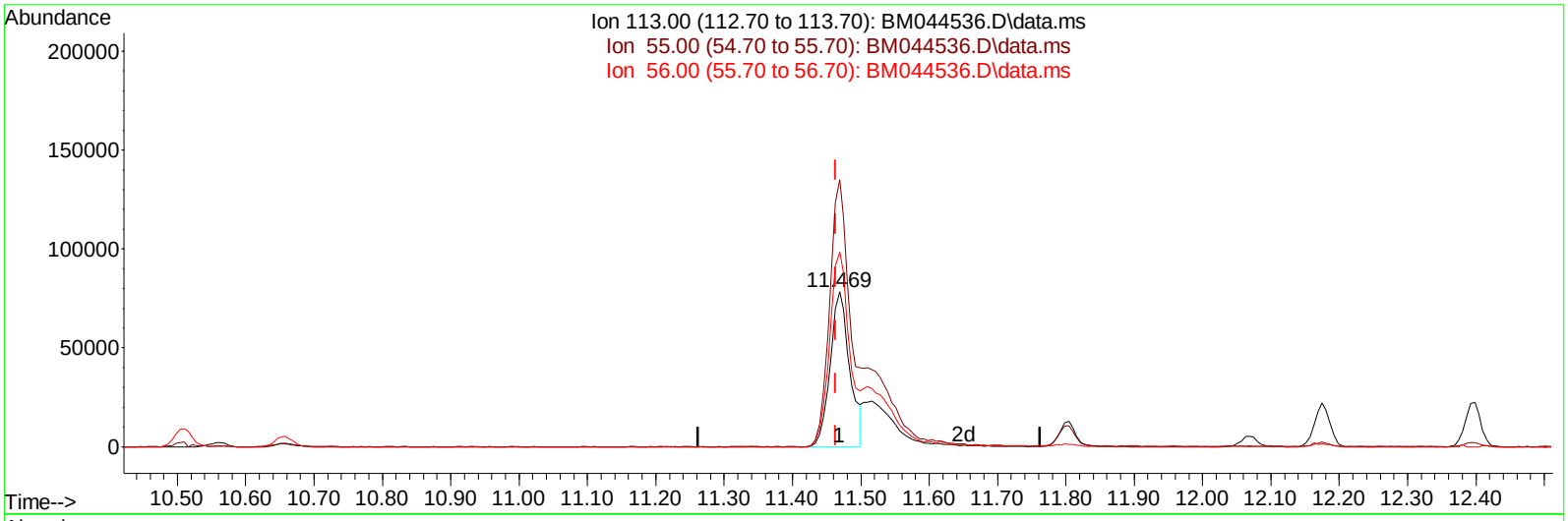
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
Data File : BM044536.D
Acq On : 07 Mar 2024 03:20
Operator : MA/JU
Sample : PB159461BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

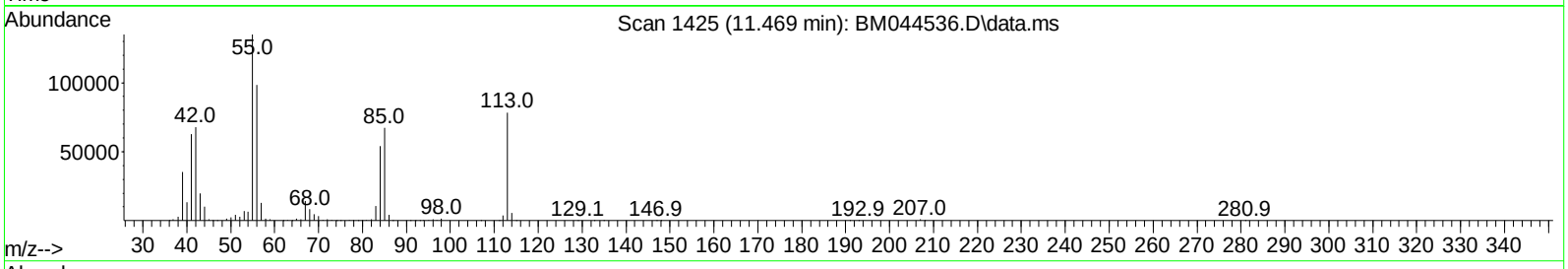
Quant Time: Mar 07 03:52:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

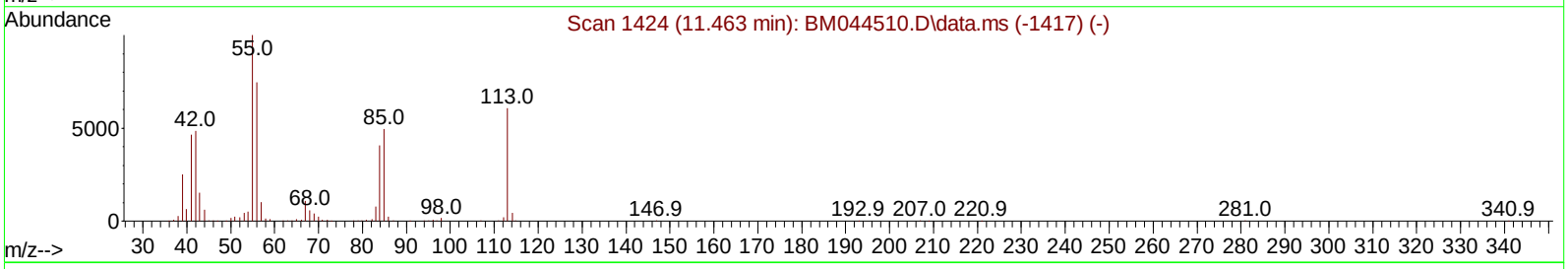
Instrument :
BNA_M
ClientSampleId :
SLCS461

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024







TIC: BM044536.D\data.ms

(34) Caprolactam

11.469min (+ 0.006) 18.50 ng/ul

response 155722

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	172.34
56.00	127.70	125.73
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
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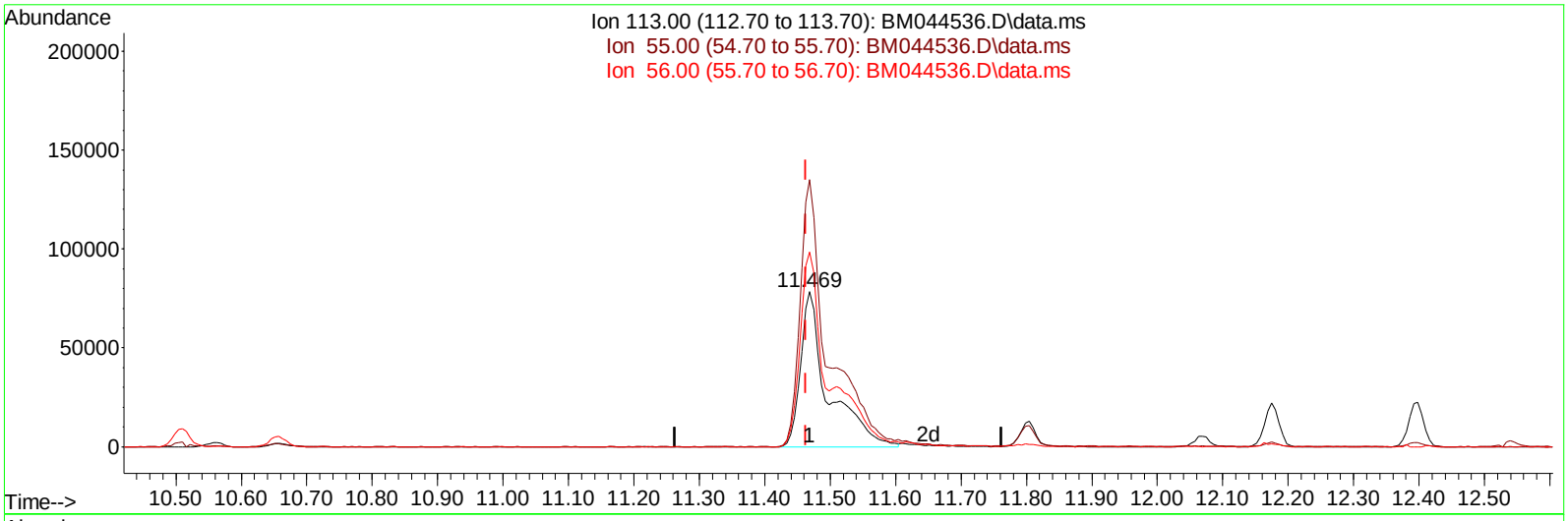

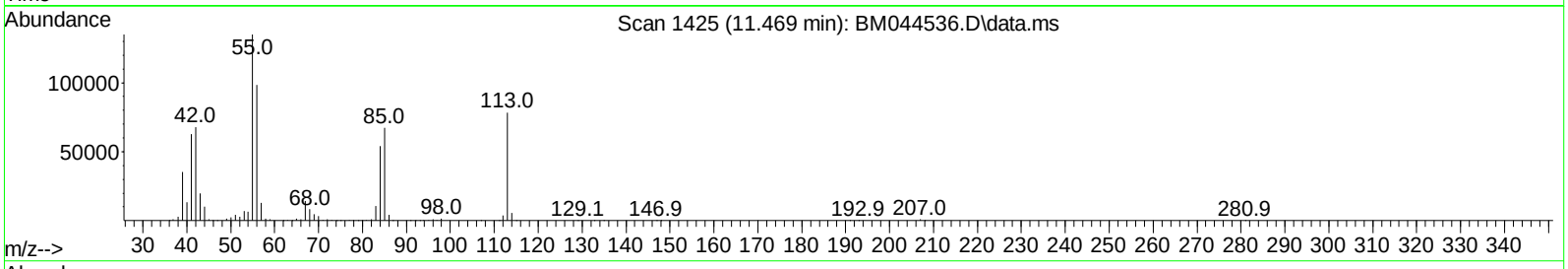

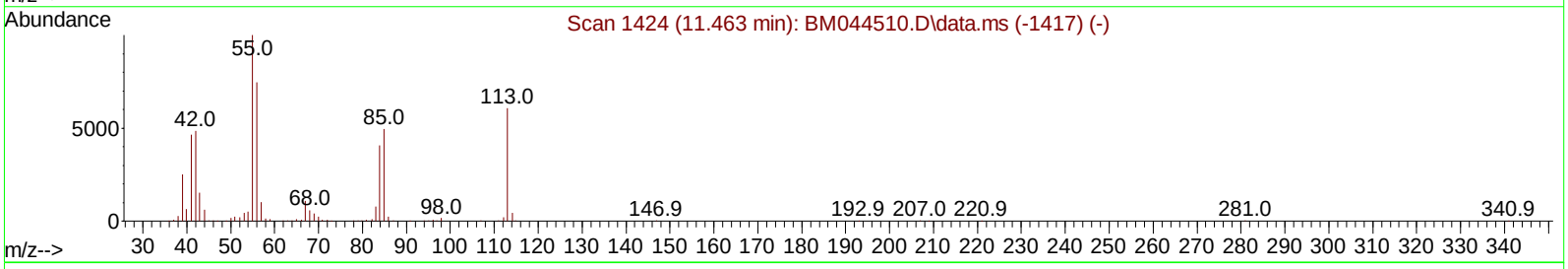

TIC: BM044536.D\data.ms

(34) Caprolactam

11.469min (+ 0.006) 26.98 ng/ul m

response 227086

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	172.34
56.00	127.70	125.73
0.00	0.00	0.00

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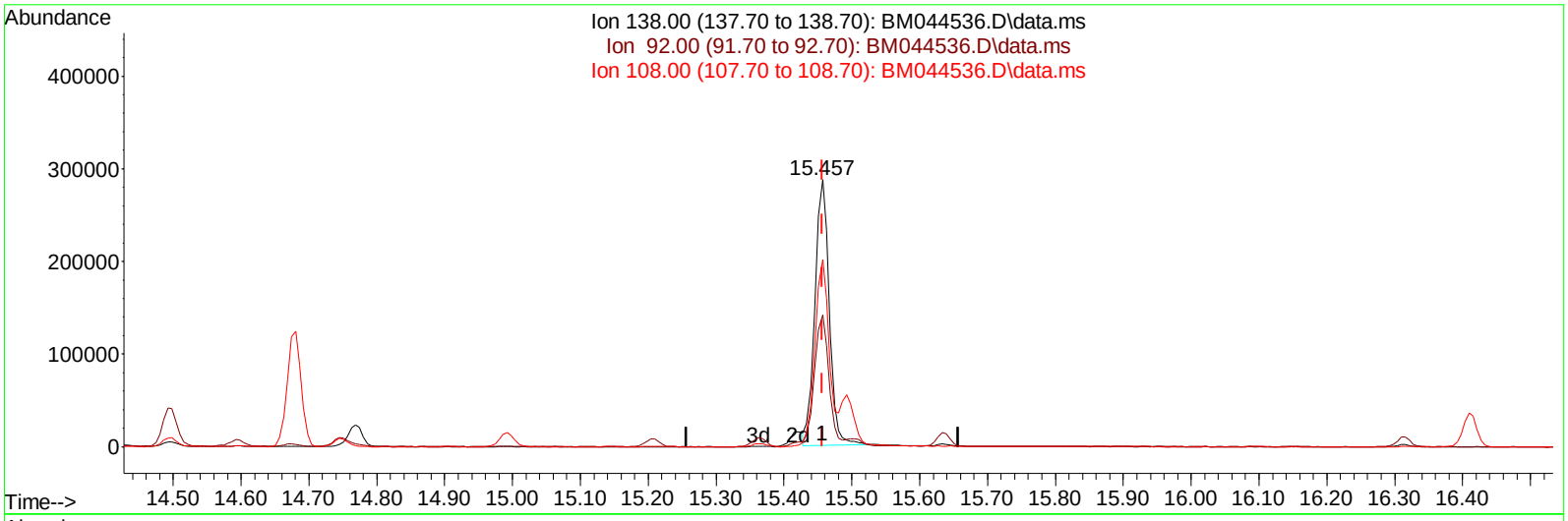

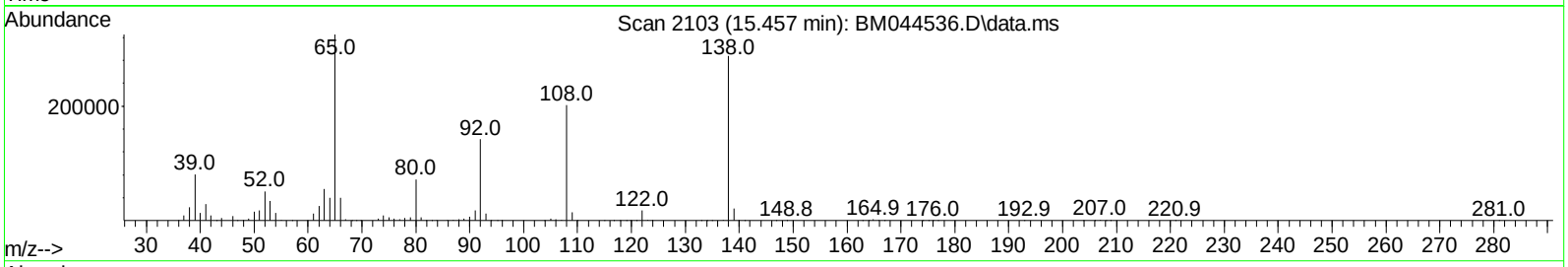

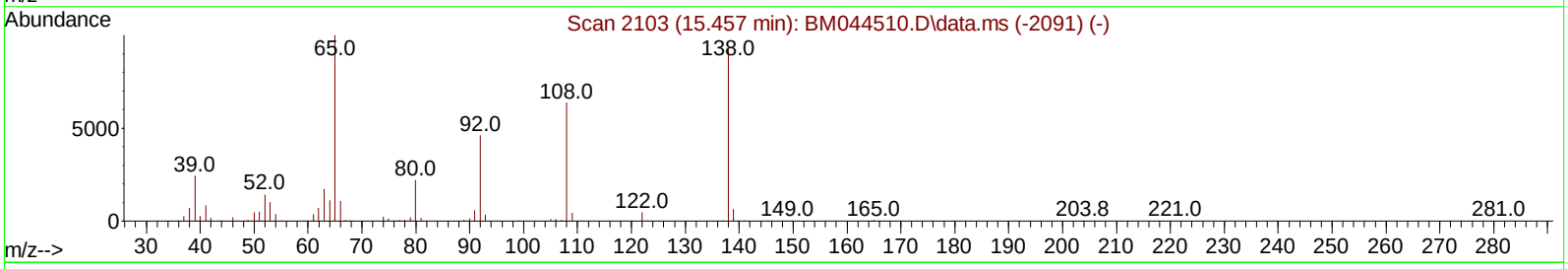

TIC: BM044536.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 29.25 ng/ul

response 423017

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	49.39
108.00	68.30	70.18
0.00	0.00	0.00

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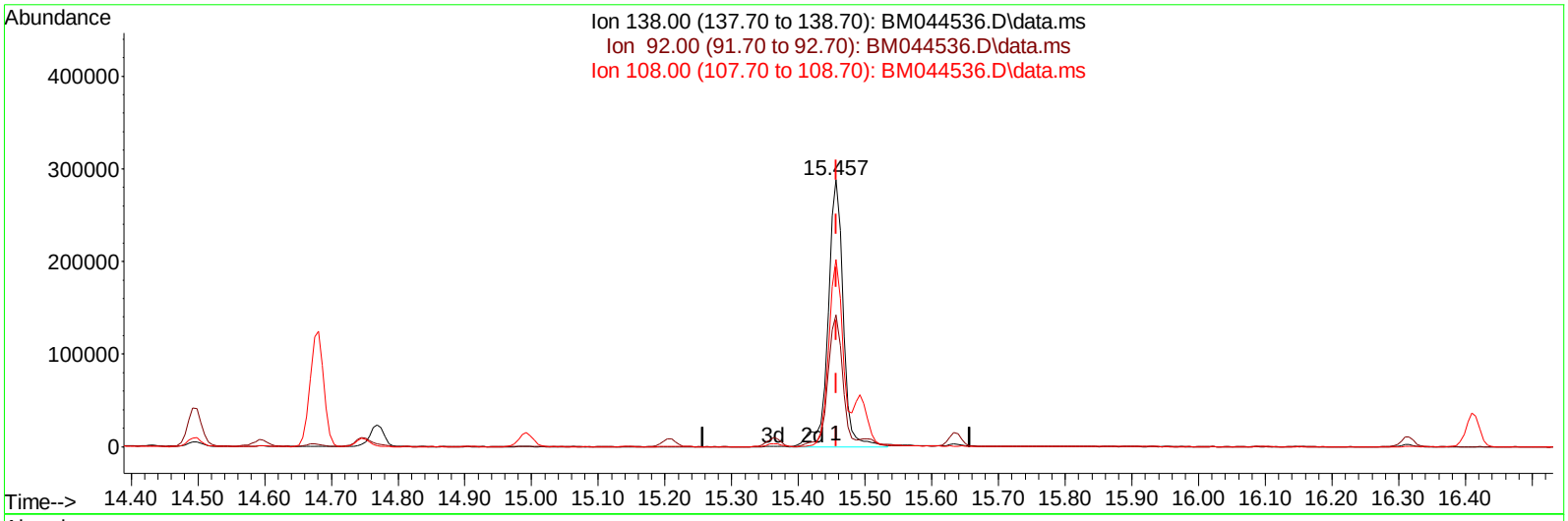

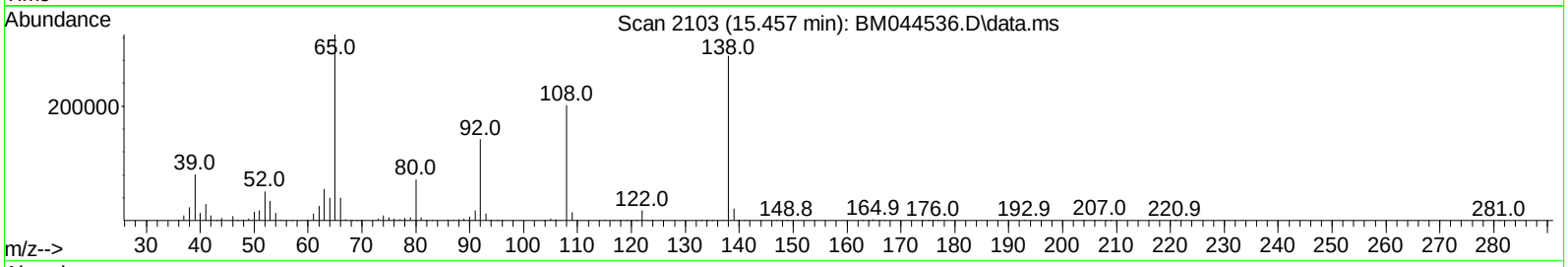

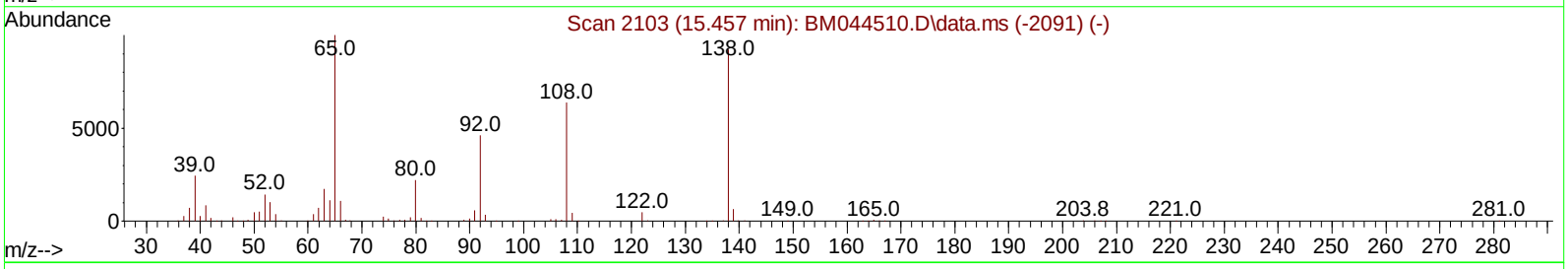

TIC: BM044536.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 31.59 ng/ul m

response 456848

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	49.39
108.00	68.30	70.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	306224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1401221	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	878646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1730038	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	1255243	20.000	ng/ul	0.00
88) Perylene-d12	23.550	264	1159120	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	40728	4.511	ng/uL	0.00
4) Pyridine-d5	3.681	84	608686	22.905	ng/ul	0.00
7) Phenol-d5	6.904	99	811626	25.780	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	502457	25.838	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	610694	26.396	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	642241	25.975	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	318458	26.990	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	355752	27.968	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	617887	28.542	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	885584	24.631	ng/ul	0.00
46) Dimethylphthalate-d6	13.786	166	1805646	26.198	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	2104541	26.699	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	357877	25.038	ng/ul	0.00
60) Fluorene-d10	15.363	176	1528695	26.393	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	310810	27.677	ng/ul	0.00
73) Anthracene-d10	17.215	188	2280291	27.575	ng/ul	0.00
81) Pyrene-d10	19.509	212	2465503	32.024	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	1734507	28.470	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	92159	9.860	ng/uL	95
5) Pyridine	3.699	79	654711	23.754	ng/ul	98
6) Benzaldehyde	6.887	77	399119	29.105	ng/ul	96
8) Phenol	6.928	94	878376	27.337	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.169	93	706869	26.792	ng/ul	97
12) 2-Chlorophenol	7.293	128	661671	27.727	ng/ul	97
13) 2-Methylphenol	8.169	108	666046	27.316	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.251	45	991755	28.464	ng/ul	98
16) Acetophenone	8.557	105	1067120	27.828	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.545	70	567031	28.620	ng/ul	96
18) 4-Methylphenol	8.498	108	732861	27.611	ng/ul	95
19) Hexachloroethane	8.793	117	264013	27.009	ng/ul	92
22) Nitrobenzene	8.934	77	801948	28.660	ng/ul	98
23) Isophorone	9.457	82	1629442	28.542	ng/ul	99
25) 2-Nitrophenol	9.634	139	392872	28.331	ng/ul	99
26) 2,4-Dimethylphenol	9.692	107	689583	27.329	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.940	93	999342	27.834	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	636847	29.467	ng/ul	100
30) Naphthalene	10.557	128	2236871	28.186	ng/ul	100
32) 4-Chloroaniline	10.681	127	705548	20.355	ng/ul	99
33) Hexachlorobutadiene	10.828	225	351464	29.014	ng/ul	99
34) Caprolactam	11.469	113	227086m	26.981	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	730048	29.128	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	12.175	142	1511172	28.635	ng/ul	99
37) 1-Methylnaphthalene	12.398	142	1494370	28.704	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.539	216	702895	28.119	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	430318	25.933	ng/ul	99
41) 2,4,6-Trichlorophenol	12.792	196	474838	27.097	ng/ul	100
42) 2,4,5-Trichlorophenol	12.863	196	517634	27.563	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	1925603	27.599	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	1498297	27.365	ng/ul	99
45) 2-Nitroaniline	13.457	65	491212	28.577	ng/ul	98
47) Dimethylphthalate	13.839	163	1916737	27.329	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	394348	28.149	ng/ul	97
50) Acenaphthylene	14.086	152	2546414	27.717	ng/ul	100
51) 3-Nitroaniline	14.286	138	414114	27.367	ng/ul	96
52) Acenaphthene	14.433	153	1658620	27.462	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	224855	25.092	ng/ul	98
55) 4-Nitrophenol	14.592	109	257794	25.741	ng/ul	94
56) Dibenzofuran	14.769	168	2205833	27.457	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	564855	27.933	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.992	232	407162	26.199	ng/ul	99
59) Diethylphthalate	15.210	149	1963243	26.972	ng/ul	99
61) Fluorene	15.422	166	1799904	27.393	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	857797	28.128	ng/ul	97
63) 4-Nitroaniline	15.457	138	456848m	31.589	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.510	198	341056	28.420	ng/ul	99
67) N-Nitrosodiphenylamine	15.633	169	1528987	29.344	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	520434	30.076	ng/ul	96
69) Hexachlorobenzene	16.416	284	605047	30.698	ng/ul	94
70) Atrazine	16.598	200	295507	17.355	ng/ul	98
71) Pentachlorophenol	16.763	266	337479	25.931	ng/ul	98
72) Phenanthrene	17.163	178	2851677	29.057	ng/ul	100
74) Anthracene	17.251	178	2865297	28.869	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	705089	30.513	ng/uL	100
76) Pentachlorobenzene	14.680	250	693042	31.022	ng/uL	98
77) Carbazole	17.527	167	2669882	28.626	ng/ul	100
78) Di-n-butylphthalate	18.098	149	3476038	27.708	ng/ul	100
80) Fluoranthene	19.174	202	3114852	33.973	ng/ul	99
82) Pyrene	19.539	202	3180150	33.316	ng/ul	99
83) Butylbenzylphthalate	20.456	149	1392309	29.664	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.227	252	837108	30.830	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2709904	28.748	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1992851	29.121	ng/ul	99
87) Chrysene	21.339	228	2487825	28.507	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	3108631	29.967	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	2273372	29.311	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	2275639	29.957	ng/ul	99
93) Benzo(a)pyrene	23.456	252	2087655	28.774	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.827	276	2346676	28.837	ng/ul	99
95) Dibenzo(a,h)anthracene	25.844	278	1968416	29.010	ng/ul	99
96) Benzo(g,h,i)perylene	26.521	276	1853908	28.548	ng/ul	98

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

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