Quantitation Report (Qedit)

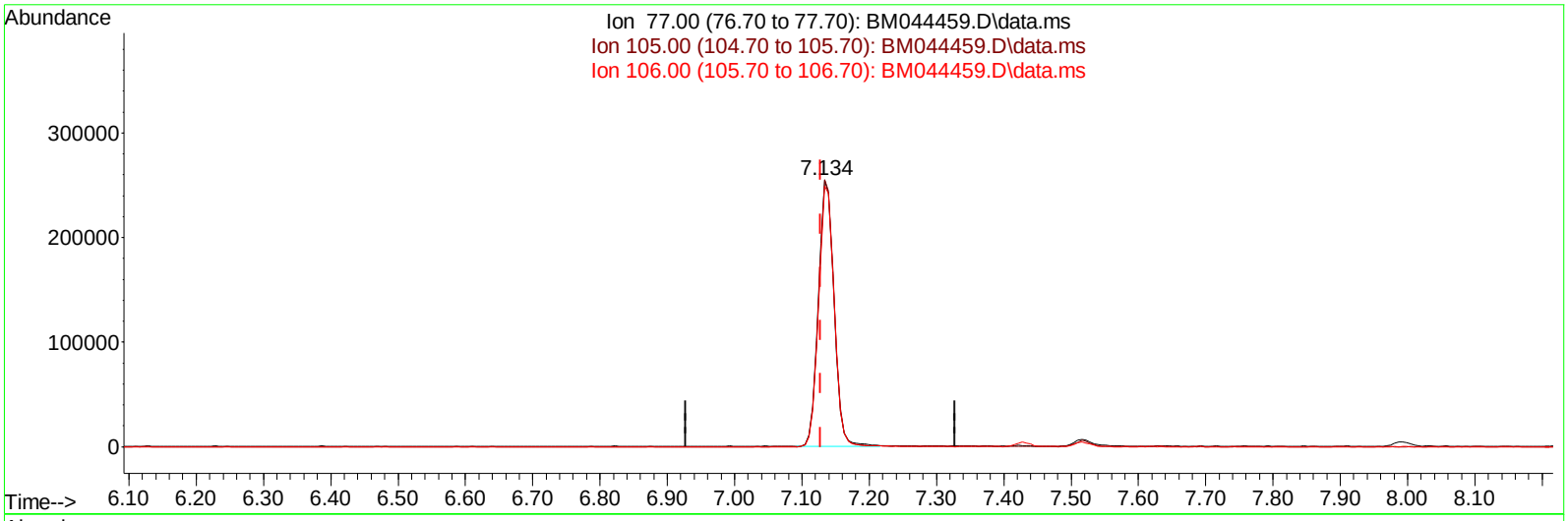
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044459.D
Acq On : 01 Mar 2024 03:38
Operator : MA/JU
Sample : P1501-04MSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

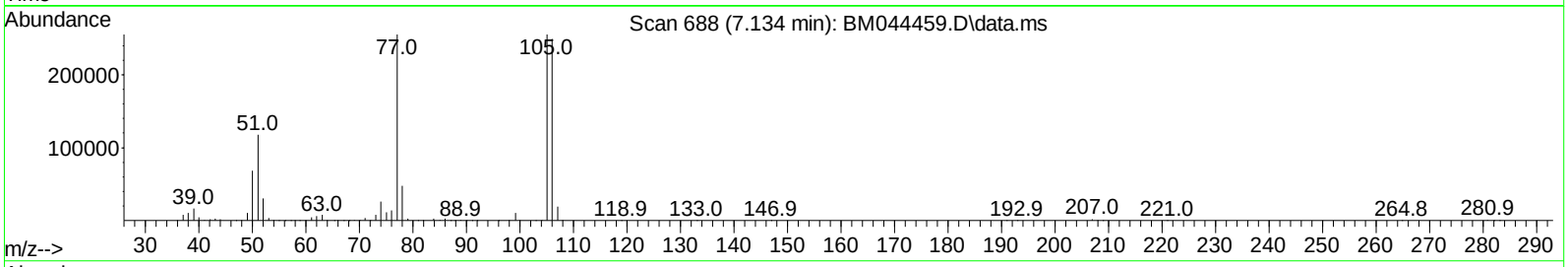
Quant Time: Mar 01 04:27:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 01 01:46:17 2024
Response via : Initial Calibration

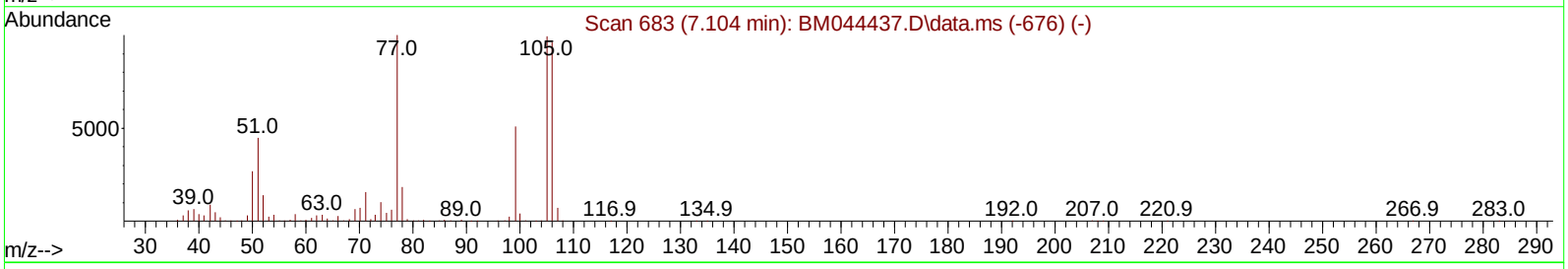
Instrument :
BNA_M
ClientSampleId :
E10A0MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024







TIC: BM044459.D\data.ms

(6) Benzaldehyde

7.134min (+ 0.006) 47.23 ng/ul

response 409298

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	100.15
106.00	96.80	97.89
0.00	0.00	0.00

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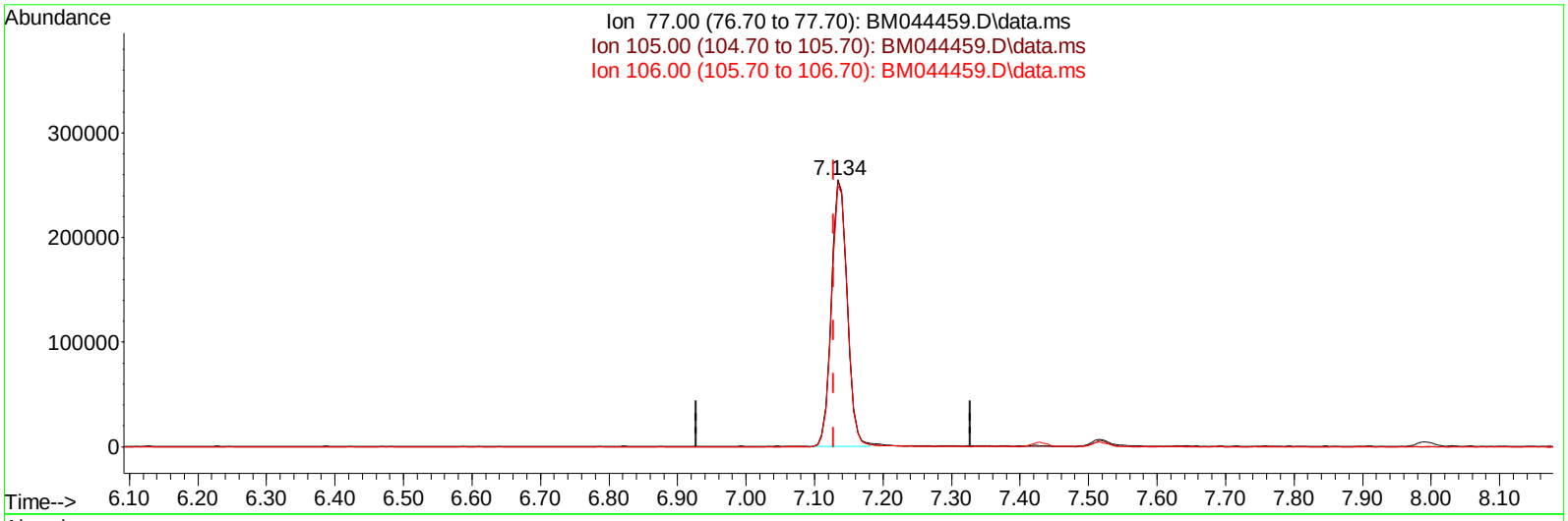

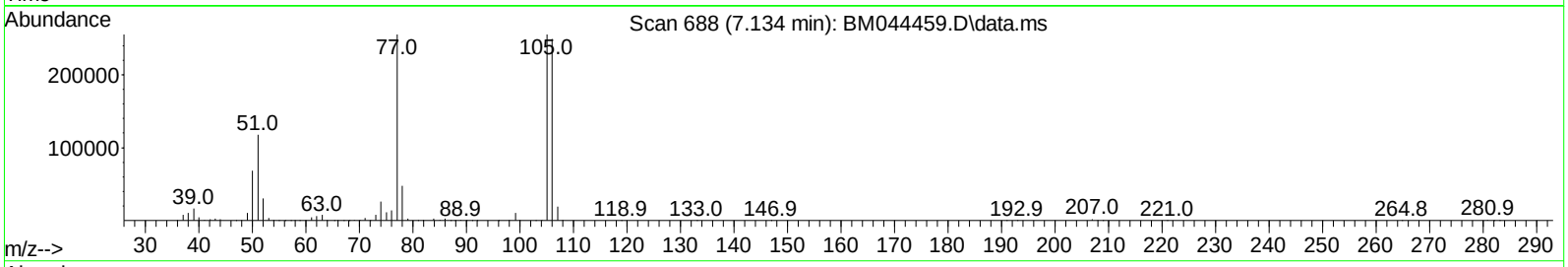

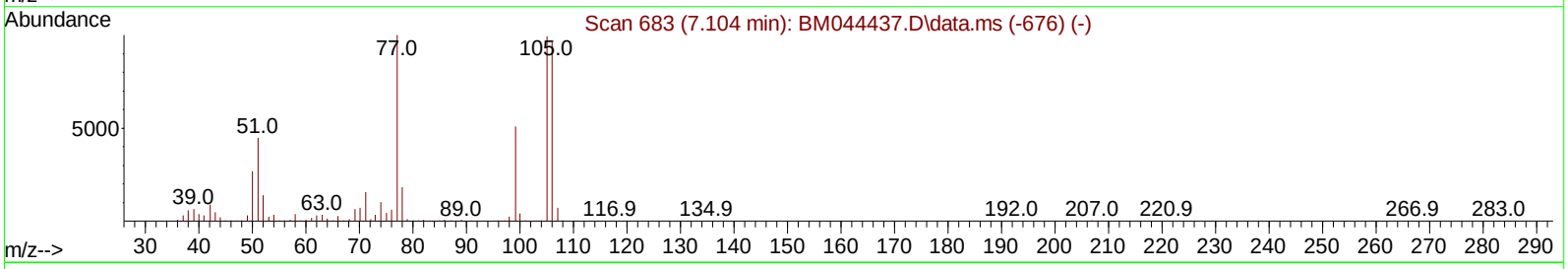

TIC: BM044459.D\data.ms

(6) Benzaldehyde

7.134min (+ 0.006) 47.02 ng/ul m

response 407536

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	100.15
106.00	96.80	97.89
0.00	0.00	0.00

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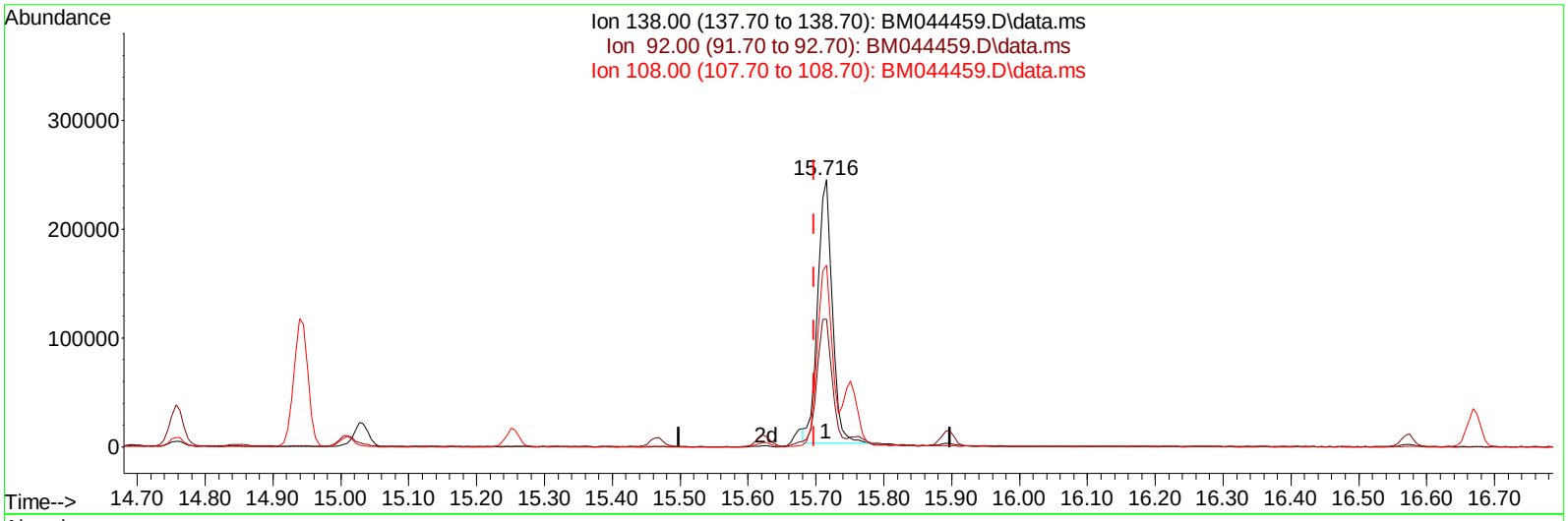

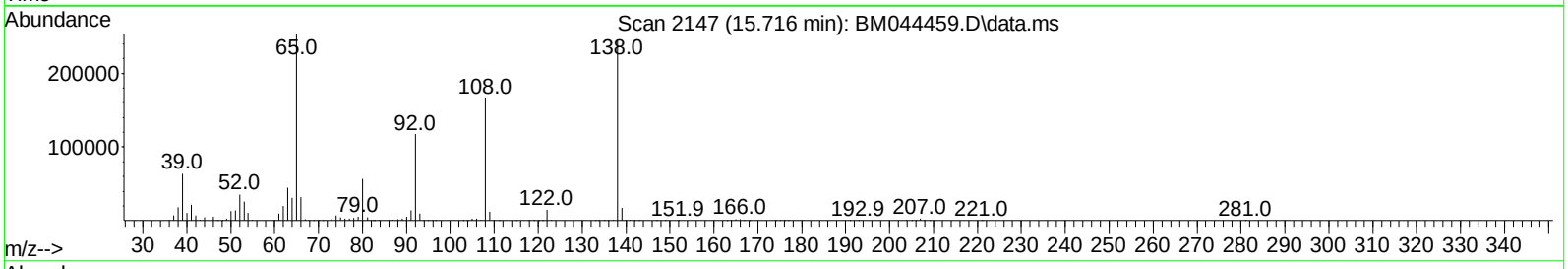

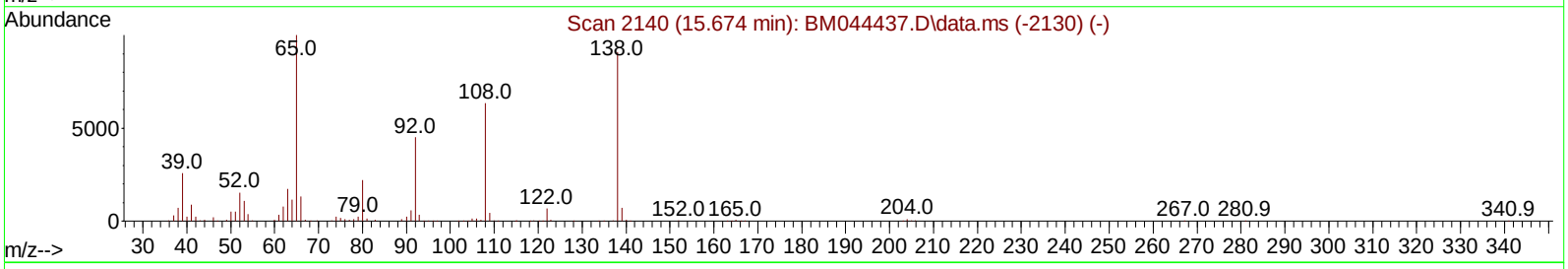

TIC: BM044459.D\data.ms

(63) 4-Nitroaniline

15.716min (+ 0.018) 45.96 ng/ul

response 366461

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	47.77
108.00	68.90	68.00
0.00	0.00	0.00

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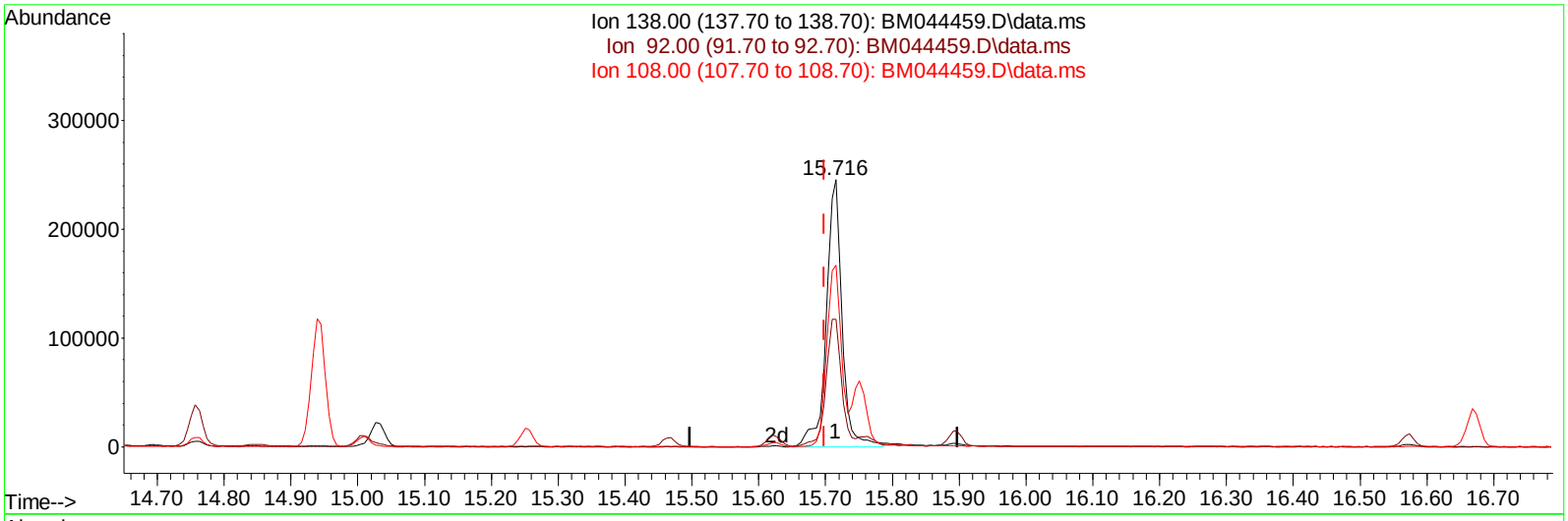

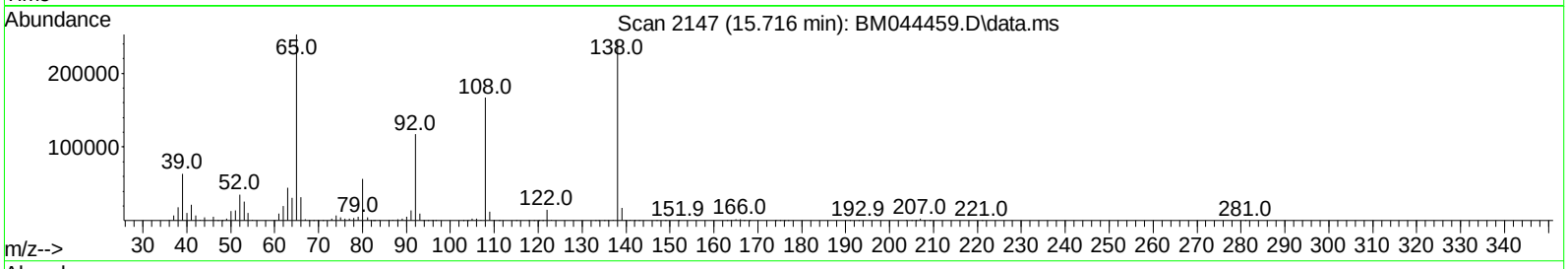

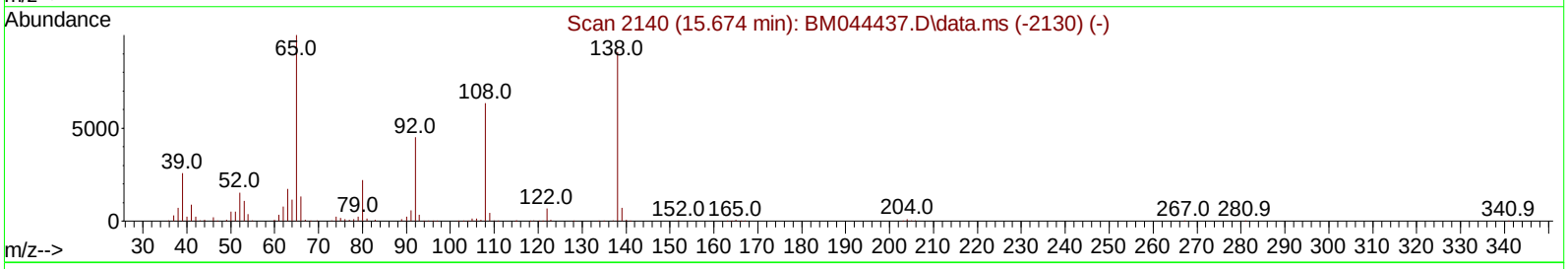

TIC: BM044459.D\data.ms

(63) 4-Nitroaniline

15.716min (+ 0.018) 50.46 ng/ul m

response 402386

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	47.77
108.00	68.90	68.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	208411	20.000	ng/ul	0.01
20) Naphthalene-d8	10.804	136	899065	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.627	164	530141	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1062041	20.000	ng/ul	0.01
79) Chrysene-d12	21.568	240	888956	20.000	ng/ul	0.01
88) Perylene-d12	24.009	264	956867	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	27784	4.206	ng/uL	0.00
4) Pyridine-d5	3.810	84	223389	12.383	ng/ul	0.01
7) Phenol-d5	7.157	99	160463	8.037	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	517501	40.027	ng/ul	0.01
11) 2-Chlorophenol-d4	7.516	132	488821	32.508	ng/ul	0.01
15) 4-Methylphenol-d8	8.710	113	291438	19.292	ng/ul	0.01
21) Nitrobenzene-d5	9.169	128	330079	45.154	ng/ul	0.01
24) 2-Nitrophenol-d4	9.886	143	340589	45.667	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.428	165	540350	41.072	ng/ul	0.02
31) 4-Chloroaniline-d4	10.951	131	767734	34.746	ng/ul	0.01
46) Dimethylphthalate-d6	14.057	166	1889668	46.217	ng/ul	0.01
49) Acenaphthylene-d8	14.327	160	2122362	45.116	ng/ul	0.01
54) 4-Nitrophenol-d4	14.839	143	69136	8.498	ng/ul	0.01
60) Fluorene-d10	15.621	176	1609966	46.522	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.751	200	323460	49.085	ng/ul	0.01
73) Anthracene-d10	17.480	188	2535136	50.062	ng/ul	0.01
81) Pyrene-d10	19.768	212	2828647	52.891	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.850	264	2594573	52.917	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	36427	5.232	ng/uL	94
5) Pyridine	3.828	79	234605	12.431	ng/ul	99
6) Benzaldehyde	7.134	77	407536m	47.025	ng/ul	
8) Phenol	7.181	94	169884	8.186	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	673233	38.757	ng/ul	99
12) 2-Chlorophenol	7.551	128	488524	31.403	ng/ul	97
13) 2-Methylphenol	8.440	108	345614	22.605	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.528	45	902182	37.987	ng/ul	97
16) Acetophenone	8.828	105	987909	40.933	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	504238	41.707	ng/ul	99
18) 4-Methylphenol	8.775	108	318240	19.540	ng/ul	97
19) Hexachloroethane	9.063	117	261022	39.551	ng/ul	98
22) Nitrobenzene	9.210	77	747085	42.258	ng/ul	99
23) Isophorone	9.739	82	1428139	41.682	ng/ul	99
25) 2-Nitrophenol	9.922	139	349144	42.210	ng/ul	97
26) 2,4-Dimethylphenol	9.981	107	394210	24.959	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	911678	40.930	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	511310	38.402	ng/ul	99
30) Naphthalene	10.857	128	2089519	40.865	ng/ul	100
32) 4-Chloroaniline	10.975	127	610569	28.358	ng/ul	100
33) Hexachlorobutadiene	11.128	225	331165	41.284	ng/ul	98
34) Caprolactam	11.775	113	23066	5.012	ng/ul	98
35) 4-Chloro-3-methylphenol	12.092	107	517334	36.470	ng/ul	99

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E10A0MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	1370440	42.078	ng/ul	100
37) 1-Methylnaphthalene	12.680	142	1343064	41.715	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.828	216	646975	41.225	ng/ul	98
40) Hexachlorocyclopentadiene	12.798	237	297629	28.188	ng/ul	100
41) 2,4,6-Trichlorophenol	13.069	196	422949	42.280	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	465617	43.057	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	1733199	40.158	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1385437	40.996	ng/ul	100
45) 2-Nitroaniline	13.727	65	446386	47.709	ng/ul	97
47) Dimethylphthalate	14.104	163	1849350	44.255	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	388537	49.717	ng/ul	98
50) Acenaphthylene	14.357	152	2320721	41.650	ng/ul	100
51) 3-Nitroaniline	14.551	138	379513	46.032	ng/ul	98
52) Acenaphthene	14.698	153	1523028	41.404	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	196145	40.448	ng/ul	99
55) 4-Nitrophenol	14.851	109	48381	8.656	ng/ul	92
56) Dibenzofuran	15.033	168	2076011	42.041	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	564473	50.277	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	397881	45.718	ng/ul	98
59) Diethylphthalate	15.469	149	1984992	46.147	ng/ul	99
61) Fluorene	15.680	166	1728003	43.569	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	817772	43.751	ng/ul	99
63) 4-Nitroaniline	15.716	138	402386m	50.462	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.768	198	323923	44.935	ng/ul#	97
67) N-Nitrosodiphenylamine	15.898	169	1511787	46.973	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	511452	48.469	ng/ul	98
69) Hexachlorobenzene	16.674	284	580745	48.085	ng/ul	96
70) Atrazine	16.857	200	352326	33.419	ng/ul	97
71) Pentachlorophenol	17.021	266	345317	43.386	ng/ul	99
72) Phenanthrene	17.421	178	2856323	46.882	ng/ul	99
74) Anthracene	17.510	178	2889524	47.105	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	642637	43.227	ng/uL	99
76) Pentachlorobenzene	14.945	250	630653	44.436	ng/uL	96
77) Carbazole	17.792	167	2720640	47.168	ng/ul	100
78) Di-n-butylphthalate	18.362	149	3746023	51.294	ng/ul	100
80) Fluoranthene	19.433	202	3238226	50.486	ng/ul	99
82) Pyrene	19.798	202	3355558	49.885	ng/ul	99
83) Butylbenzylphthalate	20.715	149	1715211	56.770	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.492	252	880261	44.270	ng/ul	99
85) Benzo(a)anthracene	21.550	228	3251111	49.037	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.498	149	2578663	55.747	ng/ul#	100
87) Chrysene	21.603	228	2994250	48.045	ng/ul	99
89) Di-n-octyl phthalate	22.445	149	4506714	54.971	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	3199061	52.150	ng/ul	100
91) Benzo(k)fluoranthene	23.315	252	3045377	48.336	ng/ul	100
93) Benzo(a)pyrene	23.903	252	2924815	49.453	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.580	276	3491593	48.819	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	2924134	48.925	ng/ul	99
96) Benzo(g,h,i)perylene	27.368	276	2819305	48.731	ng/ul	98

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

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