Quantitation Report (Qedit)

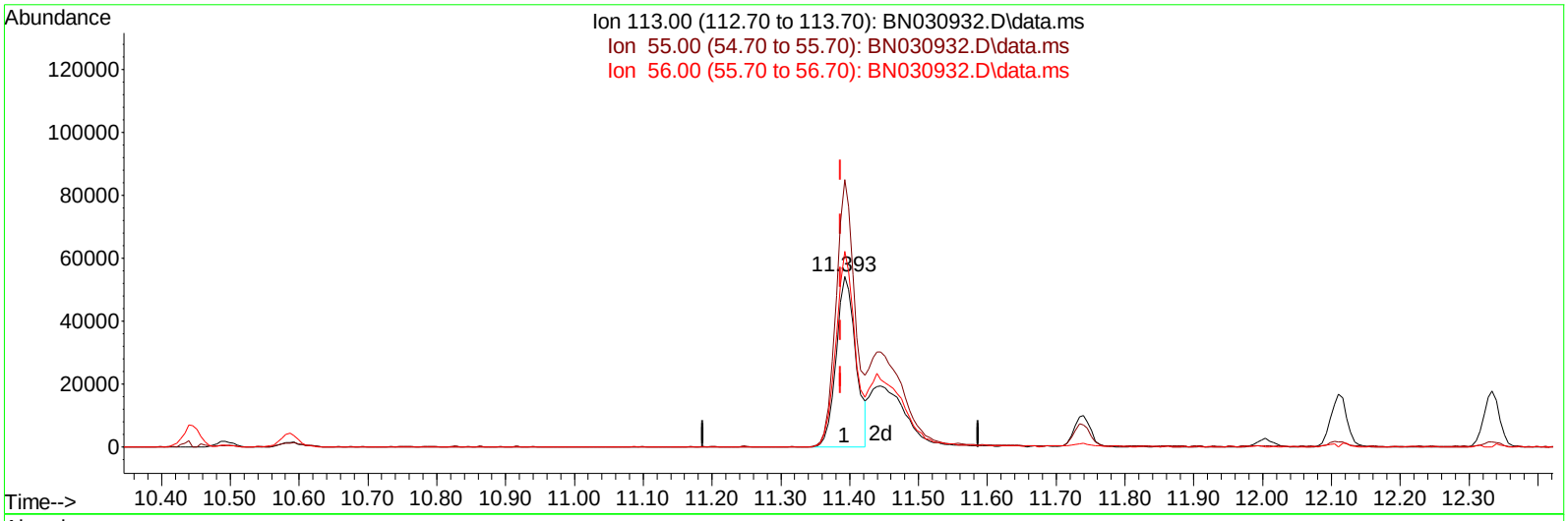
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
Data File : BN030932.D
Acq On : 15 Apr 2024 02:49
Operator : MA/JU
Sample : PB160112BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

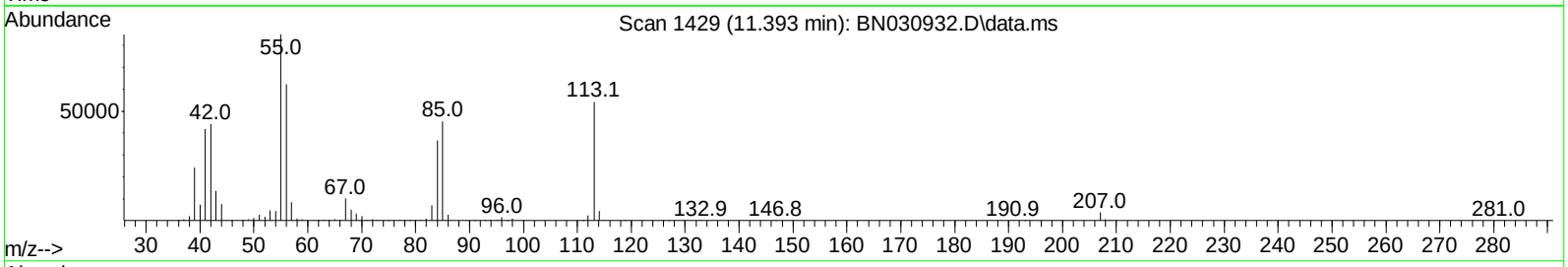
Quant Time: Apr 15 03:23:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 14 22:12:55 2024
Response via : Initial Calibration

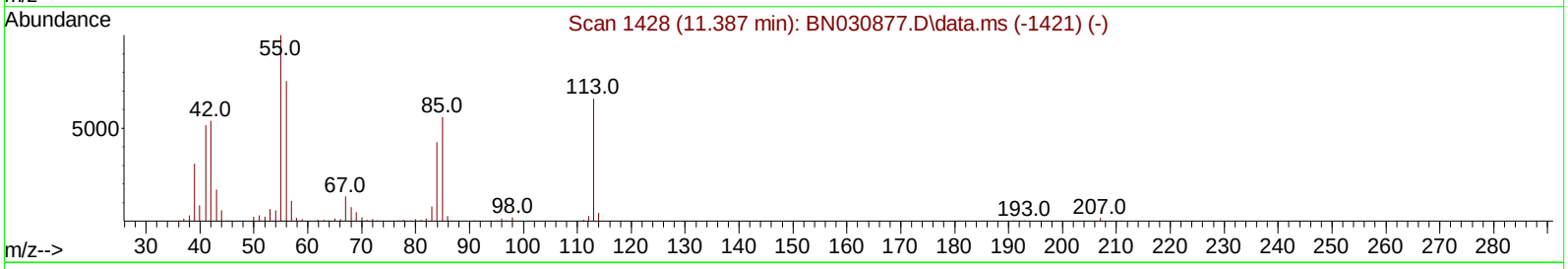
Instrument :
BNA_N
ClientSampleId :
SLCS112

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024







TIC: BN030932.D\data.ms

(34) Caprolactam

11.393min (+ 0.006) 18.55 ng/ul

response 106488

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	156.60
56.00	113.20	114.49
0.00	0.00	0.00

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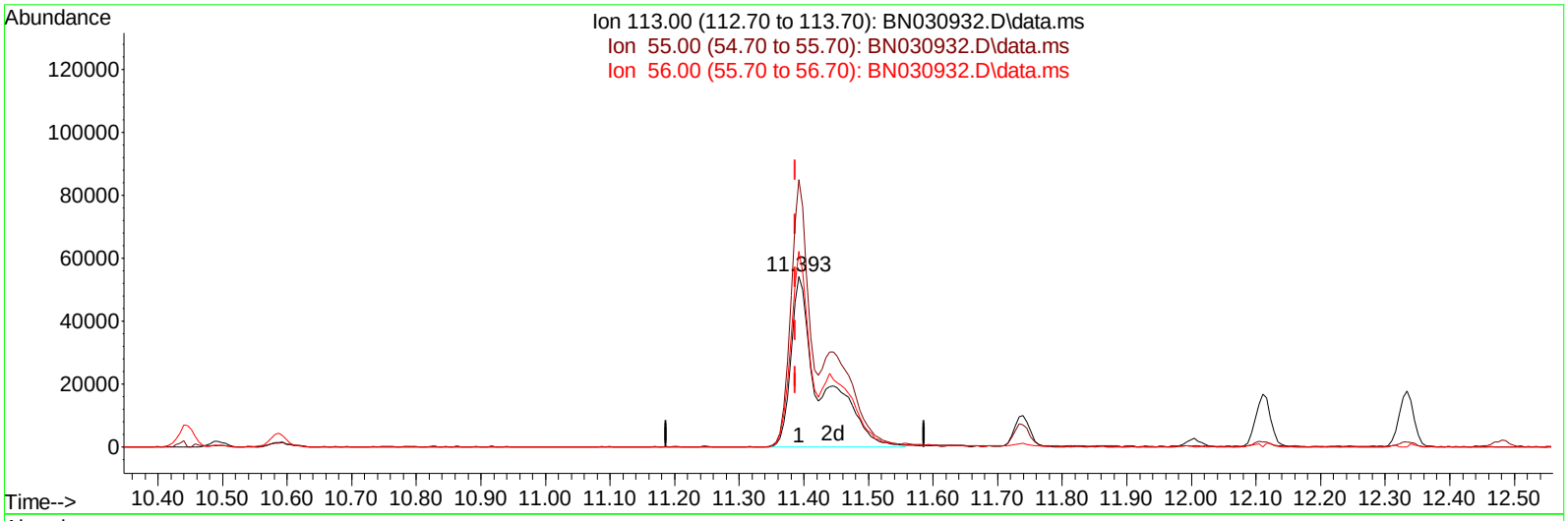

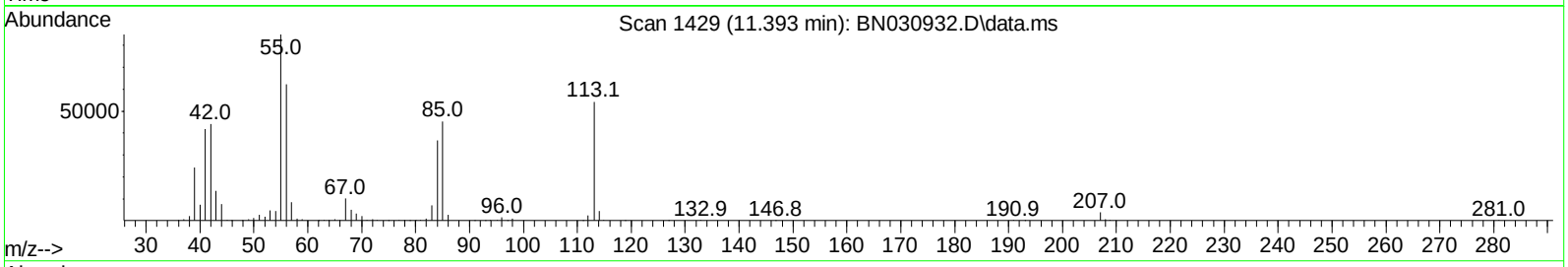

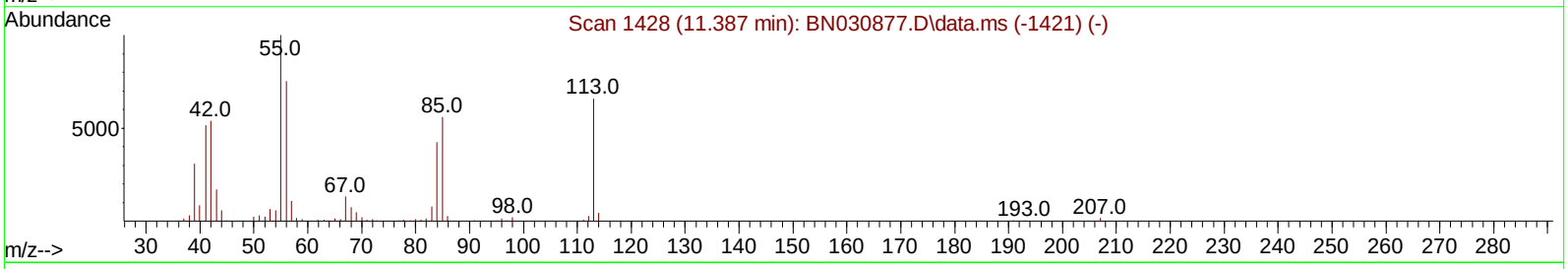

TIC: BN030932.D\data.ms

(34) Caprolactam

11.393min (+ 0.006) 30.68 ng/ul m

response 176119

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	156.60
56.00	113.20	114.49
0.00	0.00	0.00

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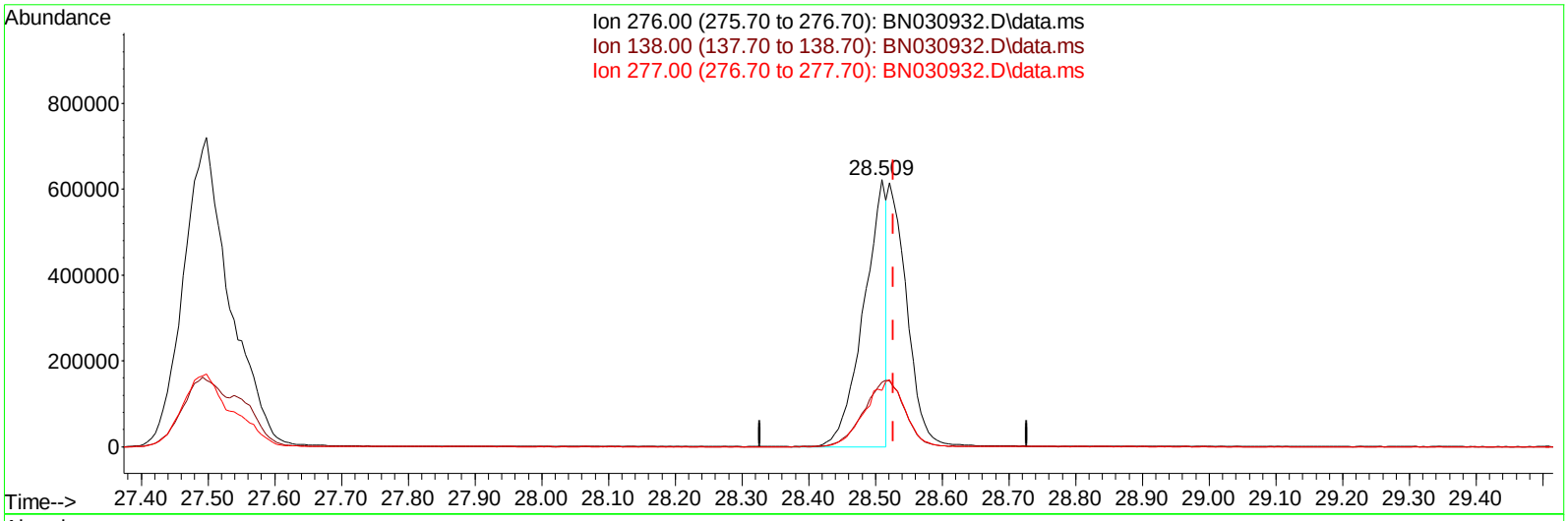

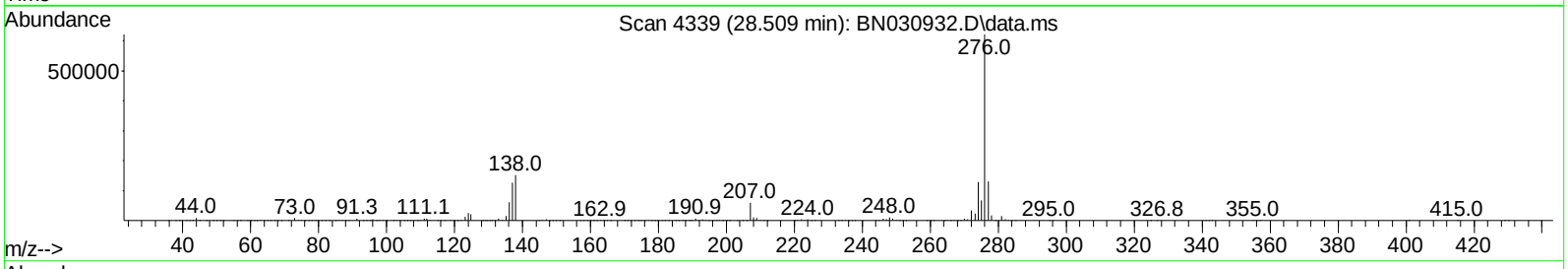

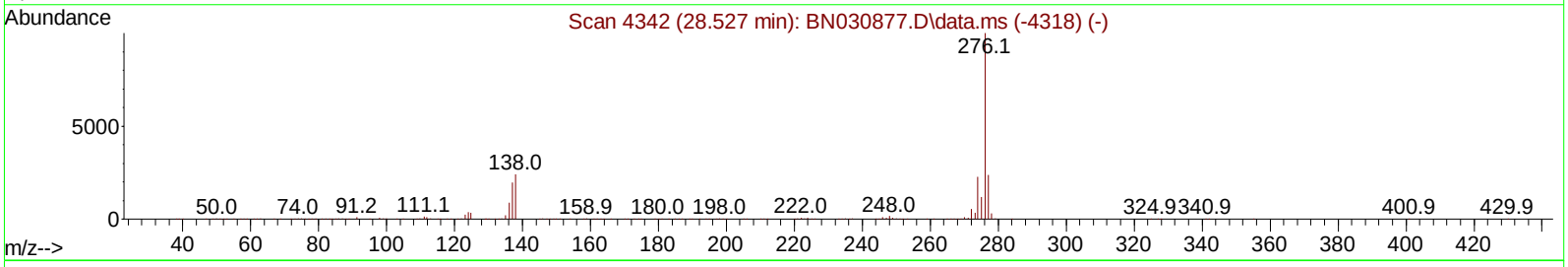

TIC: BN030932.D\data.ms

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

28.509min (-0.018) 17.68 ng/ul

response 1457071

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.10	24.29
277.00	25.10	21.18
0.00	0.00	0.00

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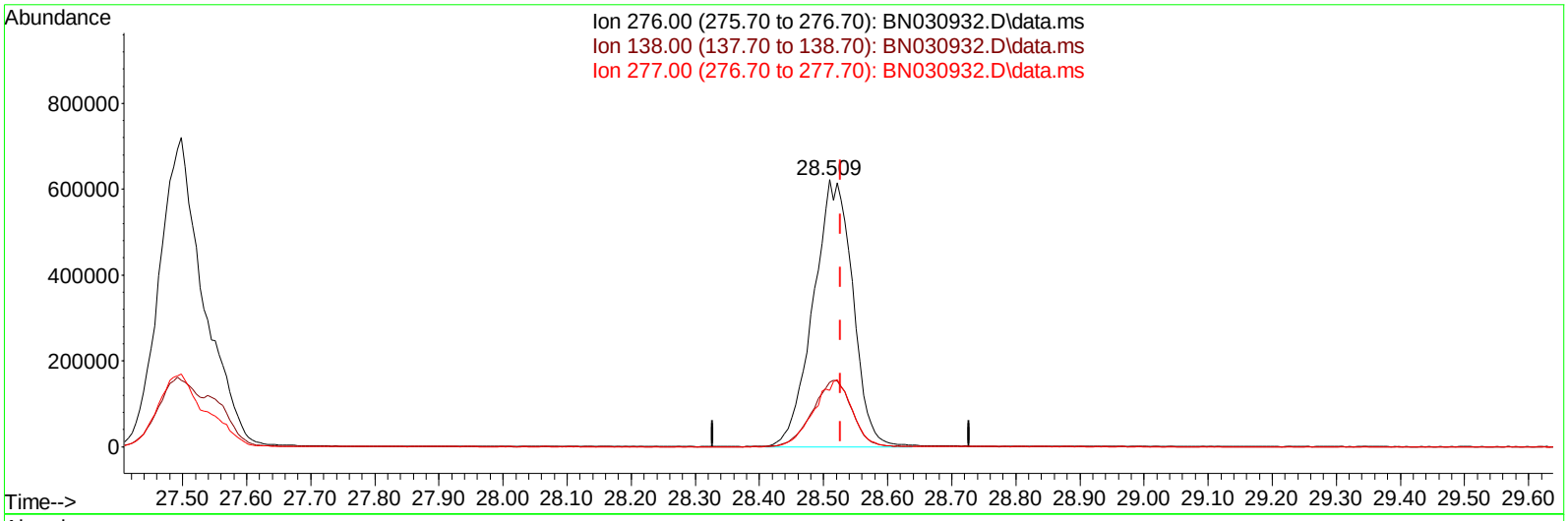

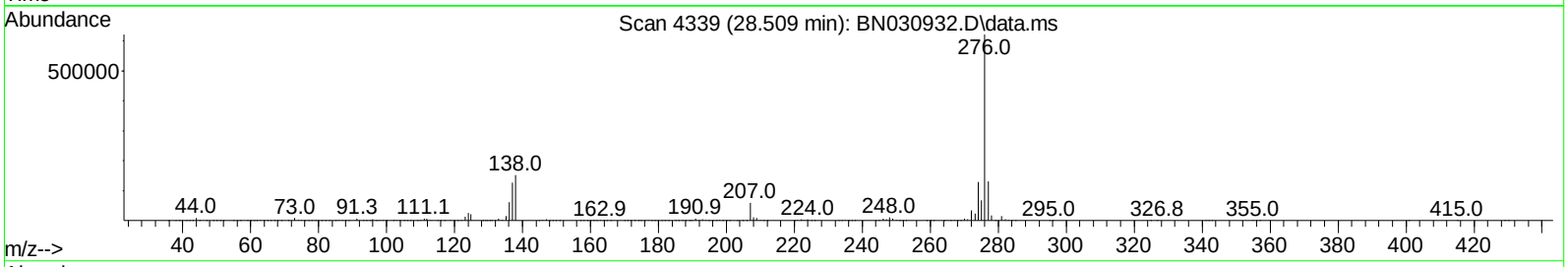

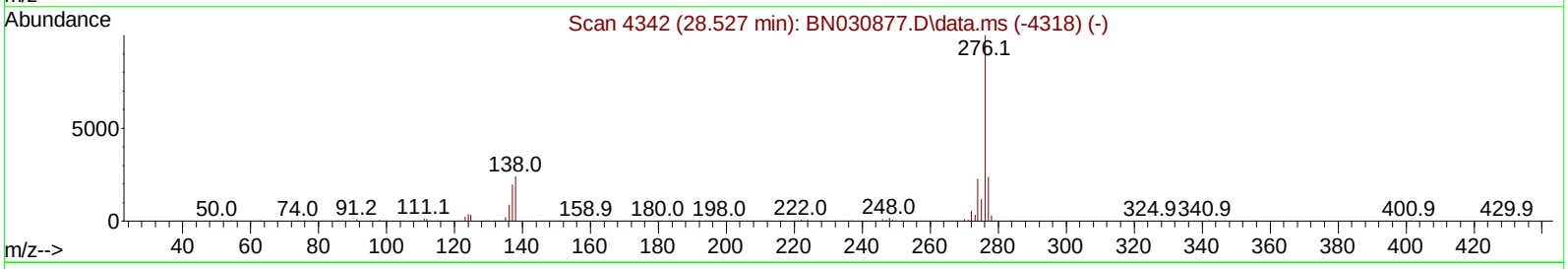

TIC: BN030932.D\data.ms

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

28.509min (-0.018) 32.23 ng/ul m

response 2656979

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.10	24.29
277.00	25.10	21.18
0.00	0.00	0.00

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Operator : MA/JU
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	249421	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	1083569	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	723367	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1590068	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1620823	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1747120	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	38844	7.302	ng/uL	0.00
4) Pyridine-d5	3.575	84	457732	28.697	ng/ul	0.00
7) Phenol-d5	6.834	99	623625	30.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	359600	28.855	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	495834	32.394	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	494602	29.249	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	251988	33.524	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	262638	38.195	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	494532	32.851	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	726537	29.316	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1506883	31.201	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1791306	32.259	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	327116	35.410	ng/ul	0.00
60) Fluorene-d10	15.304	176	1341414	31.740	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	244003	34.766	ng/ul	0.00
73) Anthracene-d10	17.157	188	2183794	31.875	ng/ul	0.00
81) Pyrene-d10	19.457	212	2686132	30.825	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	2769536	34.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	53571	9.401	ng/uL	97
5) Pyridine	3.599	79	440691	27.381	ng/ul	98
6) Benzaldehyde	6.816	77	328898	35.003	ng/ul	95
8) Phenol	6.863	94	617072	29.357	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	464775	27.116	ng/ul	100
12) 2-Chlorophenol	7.228	128	493557	30.059	ng/ul	97
13) 2-Methylphenol	8.104	108	452523	27.938	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	617807	25.597	ng/ul	99
16) Acetophenone	8.487	105	724400	27.132	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.475	70	352396	26.206	ng/ul	96
18) 4-Methylphenol	8.434	108	510380	28.148	ng/ul	99
19) Hexachloroethane	8.728	117	196035	28.477	ng/ul	94
22) Nitrobenzene	8.863	77	541928	29.534	ng/ul	97
23) Isophorone	9.381	82	1024280	27.991	ng/ul	99
25) 2-Nitrophenol	9.563	139	282077	34.904	ng/ul	99
26) 2,4-Dimethylphenol	9.628	107	397786	22.146	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	637752	27.411	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	473082	30.788	ng/ul	97
30) Naphthalene	10.493	128	1602748	28.840	ng/ul	99
32) 4-Chloroaniline	10.610	127	660077	27.636	ng/ul	98
33) Hexachlorobutadiene	10.769	225	277333	28.674	ng/ul	96
34) Caprolactam	11.393	113	176119m	30.681	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	539457	31.171	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	1126519	29.026	ng/ul	100
37) 1-Methylnaphthalene	12.334	142	1138418	28.895	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.481	216	573749	30.734	ng/ul	99
40) Hexachlorocyclopentadiene	12.457	237	197377	18.618	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	385441	33.041	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	426746	32.393	ng/ul	93
43) 1,1'-Biphenyl	13.134	154	1455093	29.512	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	1163512	29.977	ng/ul	98
45) 2-Nitroaniline	13.392	65	344251	33.328	ng/ul	99
47) Dimethylphthalate	13.769	163	1405464	28.172	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	299527	32.382	ng/ul	97
50) Acenaphthylene	14.028	152	1892003	29.489	ng/ul	99
51) 3-Nitroaniline	14.222	138	353944	36.051	ng/ul	99
52) Acenaphthene	14.375	153	1233787	28.856	ng/ul	100
53) 2,4-Dinitrophenol	14.428	184	139094	32.740	ng/ul	95
55) 4-Nitrophenol	14.534	109	240084	32.803	ng/ul	94
56) Dibenzofuran	14.710	168	1735428	29.199	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	458098	33.922	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.934	232	365103	33.369	ng/ul	95
59) Diethylphthalate	15.145	149	1478888	29.179	ng/ul	100
61) Fluorene	15.357	166	1400540	29.647	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	652110	28.136	ng/ul	98
63) 4-Nitroaniline	15.392	138	389362	40.793	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.445	198	255437	33.872	ng/ul	94
67) N-Nitrosodiphenylamine	15.575	169	1273629	29.412	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	443717	29.387	ng/ul	94
69) Hexachlorobenzene	16.357	284	513277	28.869	ng/ul	99
70) Atrazine	16.533	200	428075	28.521	ng/ul	95
71) Pentachlorophenol	16.704	266	337319	32.178	ng/ul	98
72) Phenanthrene	17.098	178	2404303	29.431	ng/ul	98
74) Anthracene	17.192	178	2381028	28.831	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	580342	29.708	ng/uL	98
76) Pentachlorobenzene	14.622	250	565536	28.502	ng/uL	93
77) Carbazole	17.463	167	2362721	32.623	ng/ul	98
78) Di-n-butylphthalate	18.033	149	2798467	31.674	ng/ul	100
80) Fluoranthene	19.122	202	3008822	29.046	ng/ul	98
82) Pyrene	19.486	202	3260325	29.801	ng/ul	99
83) Butylbenzylphthalate	20.398	149	1399987	33.509	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.210	252	971322	32.614	ng/ul	98
85) Benzo(a)anthracene	21.274	228	3290555	30.420	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	1919882	31.160	ng/ul	99
87) Chrysene	21.339	228	3126701	30.624	ng/ul	100
89) Di-n-octyl phthalate	22.310	149	3598225	32.522	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	3288082	31.979	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	3197451	30.621	ng/ul	98
93) Benzo(a)pyrene	24.080	252	2737926	28.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.498	276	3474240	33.090	ng/ul	99
95) Dibenzo(a,h)anthracene	27.550	278	2821238	31.918	ng/ul	96
96) Benzo(g,h,i)perylene	28.509	276	2656979m	32.234	ng/ul	

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

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