Quantitation Report (Qedit)

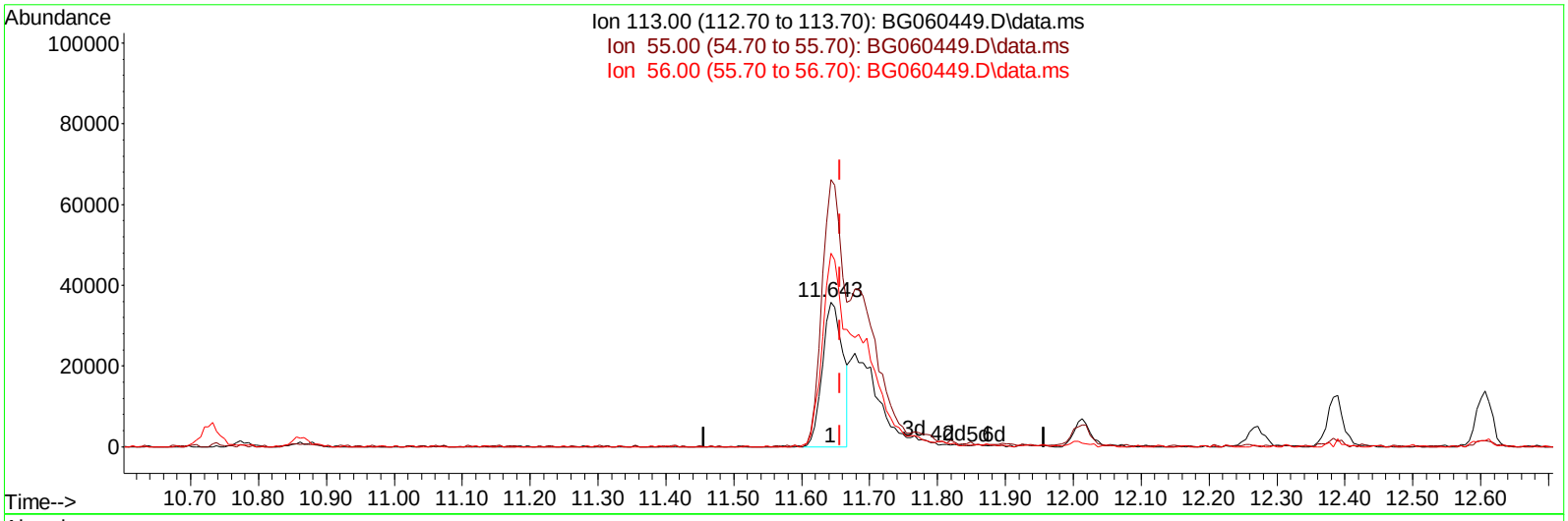
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
Data File : BG060449.D
Acq On : 26 Jan 2024 20:20
Operator : MA/JU
Sample : PB158632BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

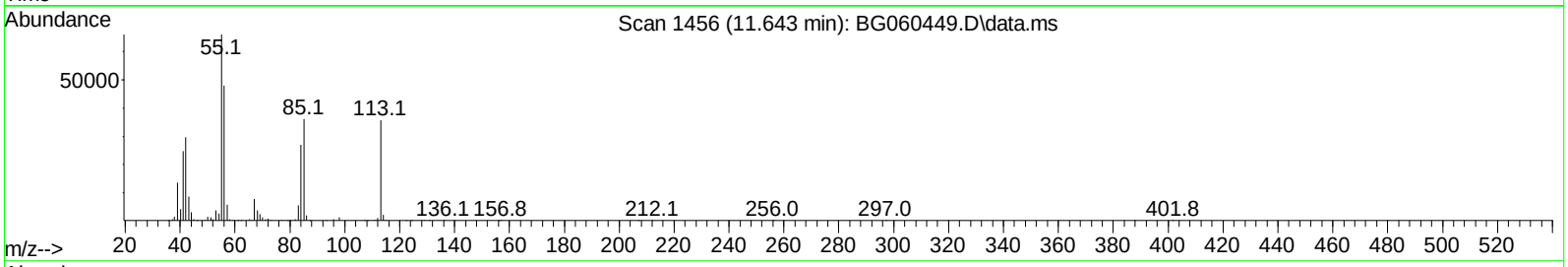
Quant Time: Jan 26 22:05:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 06:06:34 2024
Response via : Initial Calibration

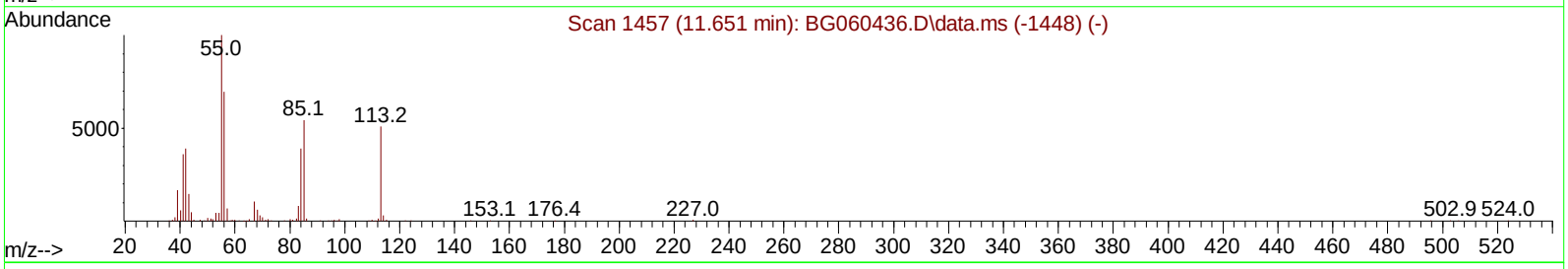
Instrument :
BNA_G
ClientSampleId :
SLCS632

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024







TIC: BG060449.D\data.ms

(34) Caprolactam

11.643min (-0.014) 14.62 ng/ul

response 75172

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	184.67
56.00	125.70	134.06
0.00	0.00	0.00

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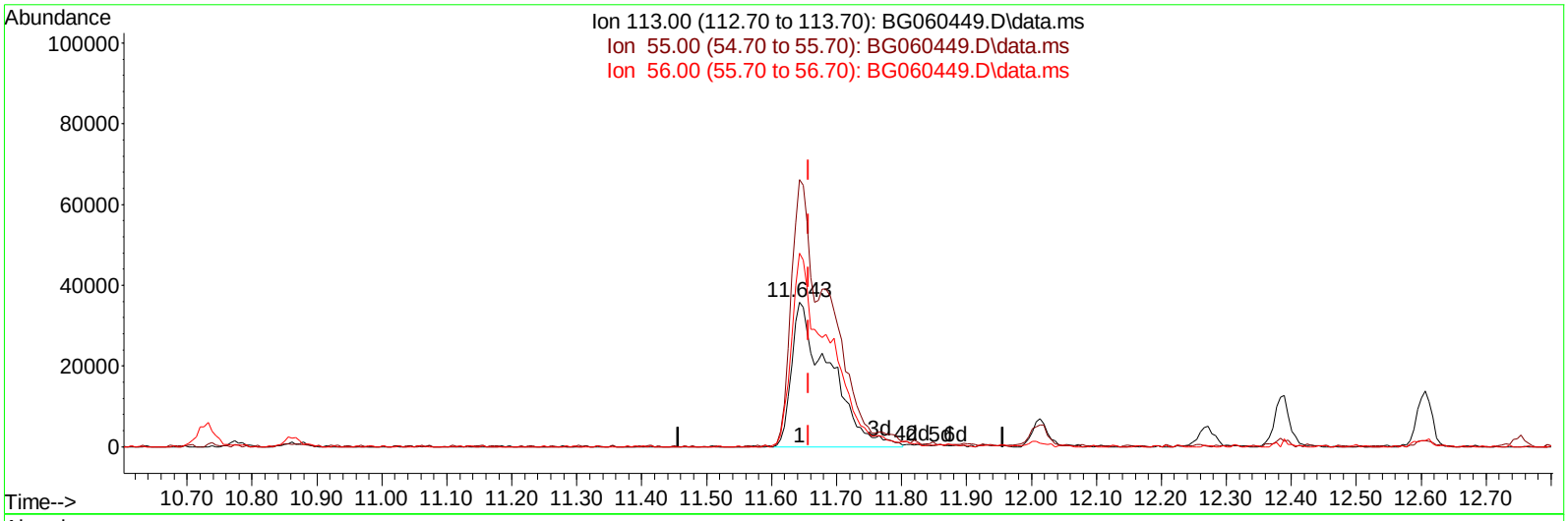

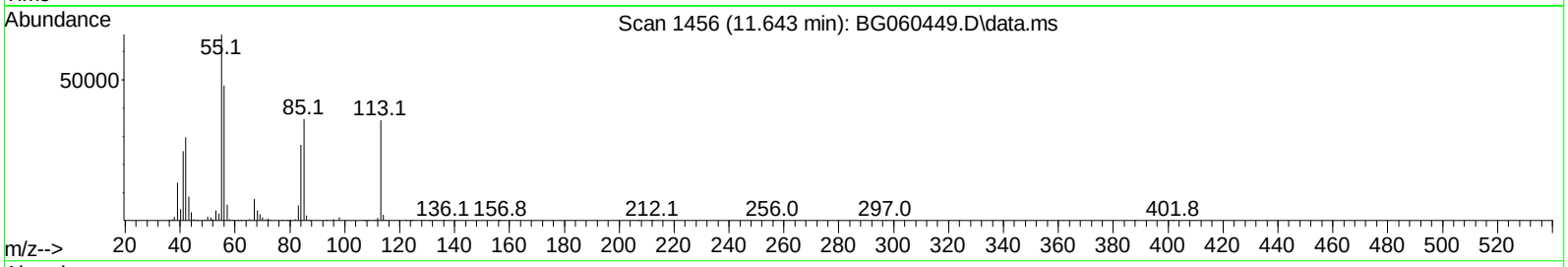

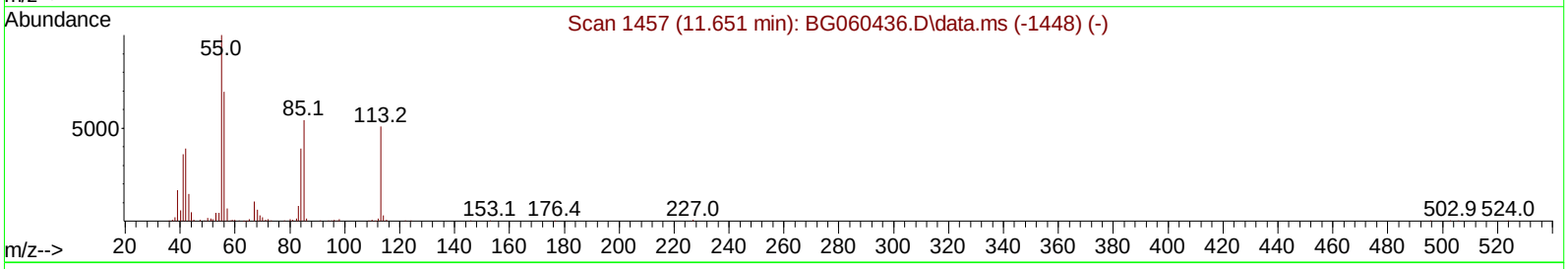

TIC: BG060449.D\data.ms

(34) Caprolactam

11.643min (-0.014) 28.22 ng/ul m

response 145083

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	184.67
56.00	125.70	134.06
0.00	0.00	0.00

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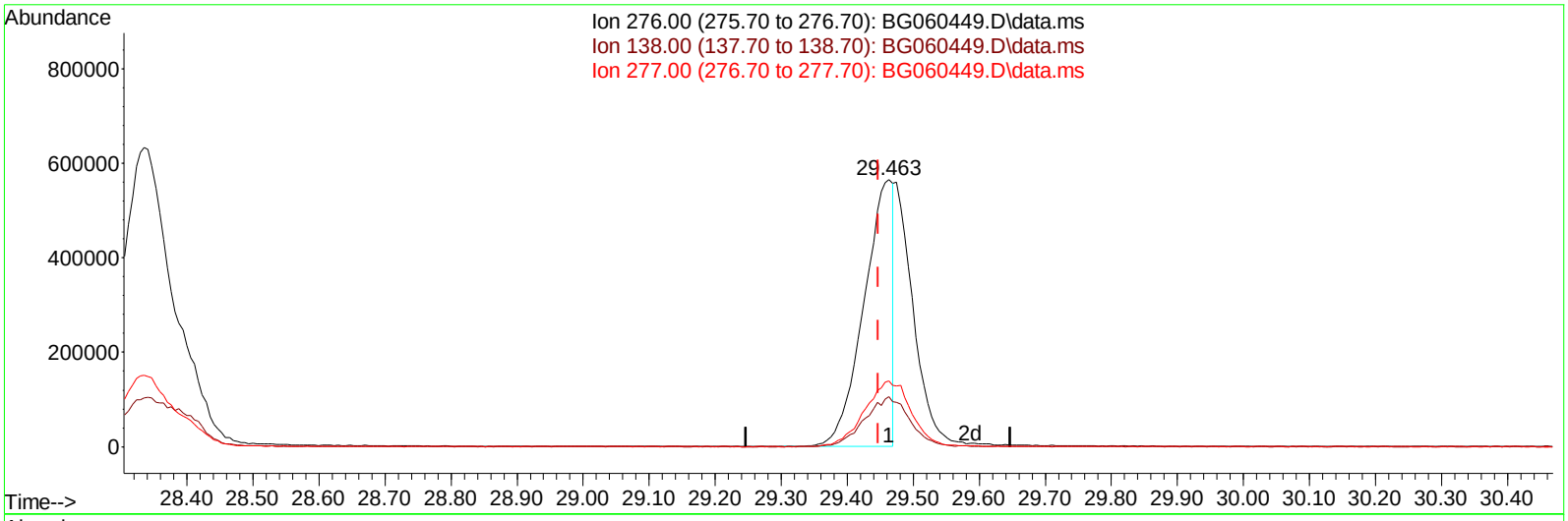

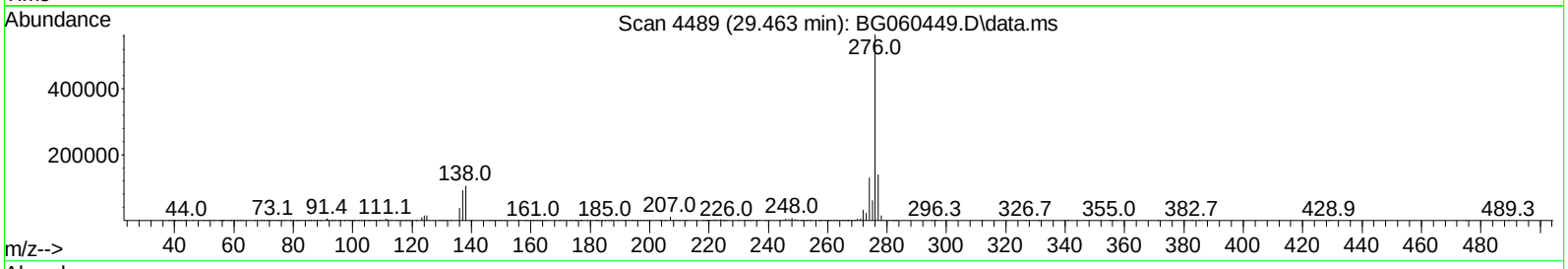

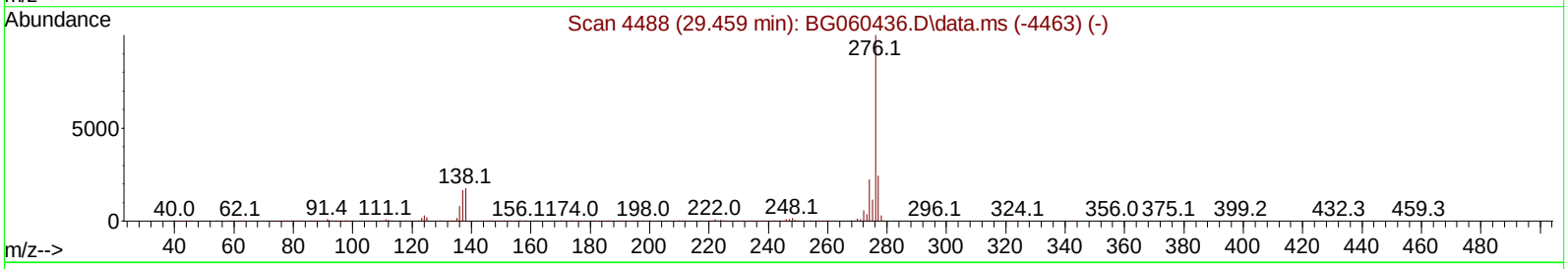

TIC: BG060449.D\data.ms

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

29.463min (+ 0.016) 17.54 ng/ul

response 1753317

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.30	18.70
277.00	22.90	24.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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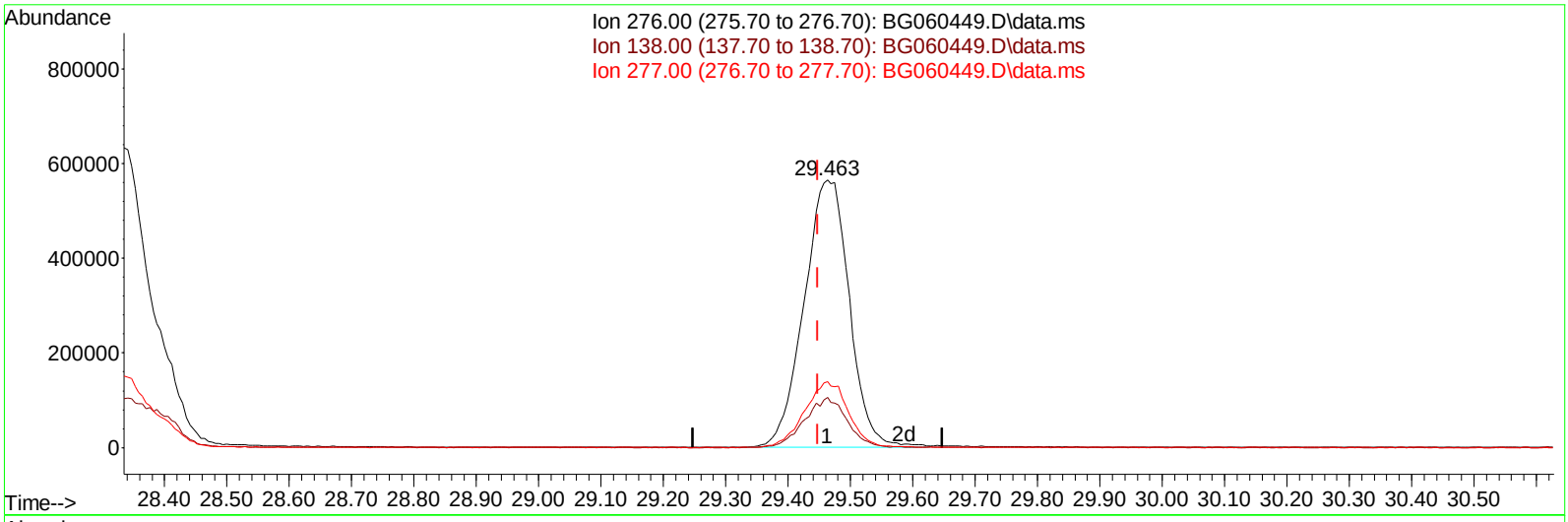

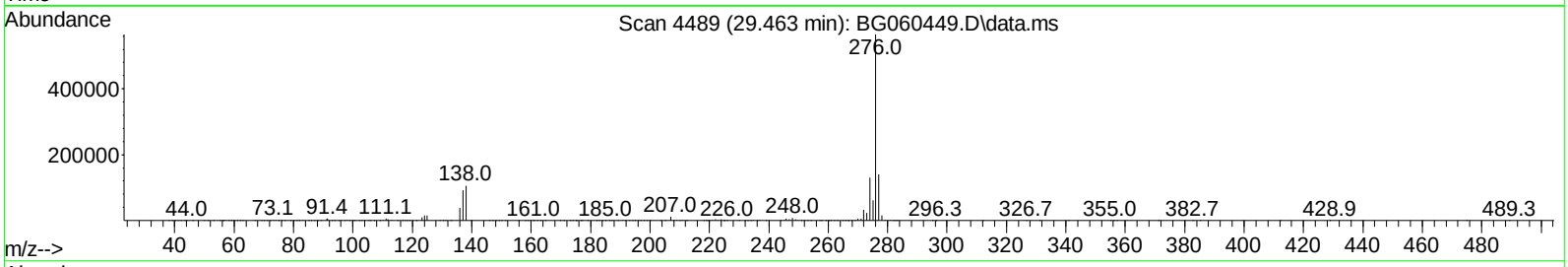

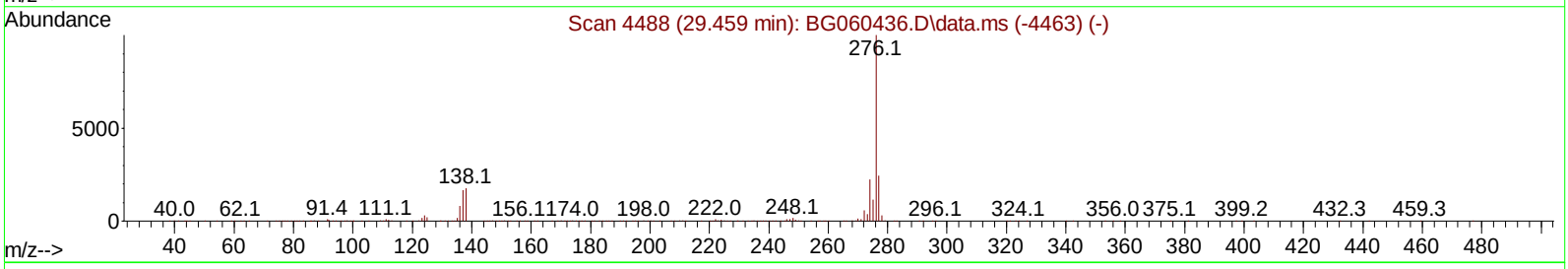

TIC: BG060449.D\data.ms

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

29.463min (+ 0.016) 28.54 ng/ul m

response 2852706

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.30	18.70
277.00	22.90	24.67
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB158632BS
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Quant Time: Jan 26 22:18:28 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	196251	20.000	ng/ul	0.00
20) Naphthalene-d8	10.726	136	896485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	691338	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	1637514	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	1519218	20.000	ng/ul	0.00
88) Perylene-d12	24.733	264	1686924	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	20737	5.295	ng/uL	0.00
4) Pyridine-d5	3.770	84	321181	25.925	ng/ul	0.00
7) Phenol-d5	7.089	99	503360	27.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	282423	24.113	ng/ul	0.00
11) 2-Chlorophenol-d4	7.460	132	316498	25.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.635	113	400727	26.101	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	183759	27.787	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	215983	27.954	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	455063	28.320	ng/ul	0.00
31) 4-Chloroaniline-d4	10.861	131	504478	23.933	ng/ul	0.00
46) Dimethylphthalate-d6	13.970	166	1513252	26.750	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1726407	27.206	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	227275	28.050	ng/ul	0.00
60) Fluorene-d10	15.556	176	1336543	26.964	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	296187	29.211	ng/ul	0.00
73) Anthracene-d10	17.407	188	2174196	28.009	ng/ul	0.00
81) Pyrene-d10	19.704	212	2582257	28.360	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.516	264	2575437	29.103	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	43360	10.006	ng/uL	98
5) Pyridine	3.787	79	312322	24.797	ng/ul	99
6) Benzaldehyde	7.066	77	233613	32.974	ng/ul	91
8) Phenol	7.113	94	517968	26.586	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.342	93	400365	25.800	ng/ul	97
12) 2-Chlorophenol	7.489	128	338880	26.395	ng/ul	89
13) 2-Methylphenol	8.364	108	390314	25.924	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.447	45	521246	25.452	ng/ul	97
16) Acetophenone	8.746	105	637938	26.074	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.729	70	344293	26.096	ng/ul	97
18) 4-Methylphenol	8.693	108	428801	26.488	ng/ul	97
19) Hexachloroethane	9.005	117	145118	25.565	ng/ul	95
22) Nitrobenzene	9.128	77	503305	27.822	ng/ul	96
23) Isophorone	9.651	82	1018704	25.974	ng/ul	100
25) 2-Nitrophenol	9.839	139	224157	28.540	ng/ul	96
26) 2,4-Dimethylphenol	9.898	107	406790	25.099	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.133	93	618471	27.701	ng/ul	99
29) 2,4-Dichlorophenol	10.374	162	442662	28.660	ng/ul	97
30) Naphthalene	10.779	128	1276217	26.383	ng/ul	99
32) 4-Chloroaniline	10.885	127	422834	20.445	ng/ul	95
33) Hexachlorobutadiene	11.061	225	327746	25.555	ng/ul	93
34) Caprolactam	11.643	113	145083m	28.216	ng/ul	
35) 4-Chloro-3-methylphenol	12.013	107	442626	28.583	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	12.383	142	968218	28.472	ng/ul	99
37) 1-Methylnaphthalene	12.606	142	975231	28.375	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.753	216	692742	27.532	ng/ul	99
40) Hexachlorocyclopentadiene	12.730	237	370048	24.321	ng/ul	97
41) 2,4,6-Trichlorophenol	12.994	196	435683	28.406	ng/ul	98
42) 2,4,5-Trichlorophenol	13.071	196	446134	27.527	ng/ul	95
43) 1,1'-Biphenyl	13.394	154	1408191	27.497	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	1180188	27.295	ng/ul	98
45) 2-Nitroaniline	13.640	65	313460	28.803	ng/ul	93
47) Dimethylphthalate	14.017	163	1533679	27.160	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	309158	29.031	ng/ul	95
50) Acenaphthylene	14.287	152	1908300	27.258	ng/ul	98
51) 3-Nitroaniline	14.469	138	261013	29.157	ng/ul	99
52) Acenaphthene	14.628	153	1251416	26.798	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	160193	27.560	ng/ul	96
55) 4-Nitrophenol	14.780	109	151131	27.396	ng/ul	93
56) Dibenzofuran	14.962	168	1799408	27.294	ng/ul	98
57) 2,4-Dinitrotoluene	14.927	165	451579	28.937	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.186	232	415286	27.571	ng/ul#	97
59) Diethylphthalate	15.380	149	1420045	26.154	ng/ul	98
61) Fluorene	15.609	166	1449047	26.791	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.603	204	809907	27.128	ng/ul	97
63) 4-Nitroaniline	15.638	138	274142	31.259	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.691	198	300437	28.327	ng/ul#	96
67) N-Nitrosodiphenylamine	15.814	169	1267316	28.534	ng/ul	97
68) 4-Bromophenyl-phenylether	16.496	248	542497	28.517	ng/ul	100
69) Hexachlorobenzene	16.613	284	617259	27.972	ng/ul	98
70) Atrazine	16.766	200	401177	21.972	ng/ul	96
71) Pentachlorophenol	16.960	266	314956	25.914	ng/ul	92
72) Phenanthrene	17.354	178	2426274	28.181	ng/ul	99
74) Anthracene	17.448	178	2443477	27.851	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.358	216	695740	29.296	ng/uL	97
76) Pentachlorobenzene	14.880	250	715751	28.690	ng/uL	96
77) Carbazole	17.712	167	2097641	28.949	ng/ul	99
78) Di-n-butylphthalate	18.270	149	2342716	27.425	ng/ul	100
80) Fluoranthene	19.369	202	2872986	28.275	ng/ul	98
82) Pyrene	19.727	202	2925354	27.663	ng/ul	97
83) Butylbenzylphthalate	20.615	149	1055306	27.997	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.473	252	1012860	28.897	ng/ul	99
85) Benzo(a)anthracene	21.555	228	2953536	28.194	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.455	149	1551539	27.577	ng/ul	99
87) Chrysene	21.619	228	2790677	28.359	ng/ul	97
89) Di-n-octyl phthalate	22.642	149	2663178	29.583	ng/ul	100
90) Benzo(b)fluoranthene	23.729	252	3093363	29.551	ng/ul	98
91) Benzo(k)fluoranthene	23.793	252	3047671	28.510	ng/ul	99
93) Benzo(a)pyrene	24.587	252	2853707	28.338	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.335	276	3539597	28.673	ng/ul	100
95) Dibenzo(a,h)anthracene	28.394	278	2897104	28.765	ng/ul	99
96) Benzo(g,h,i)perylene	29.463	276	2852706m	28.541	ng/ul	

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

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