Quantitation Report (Qedit)

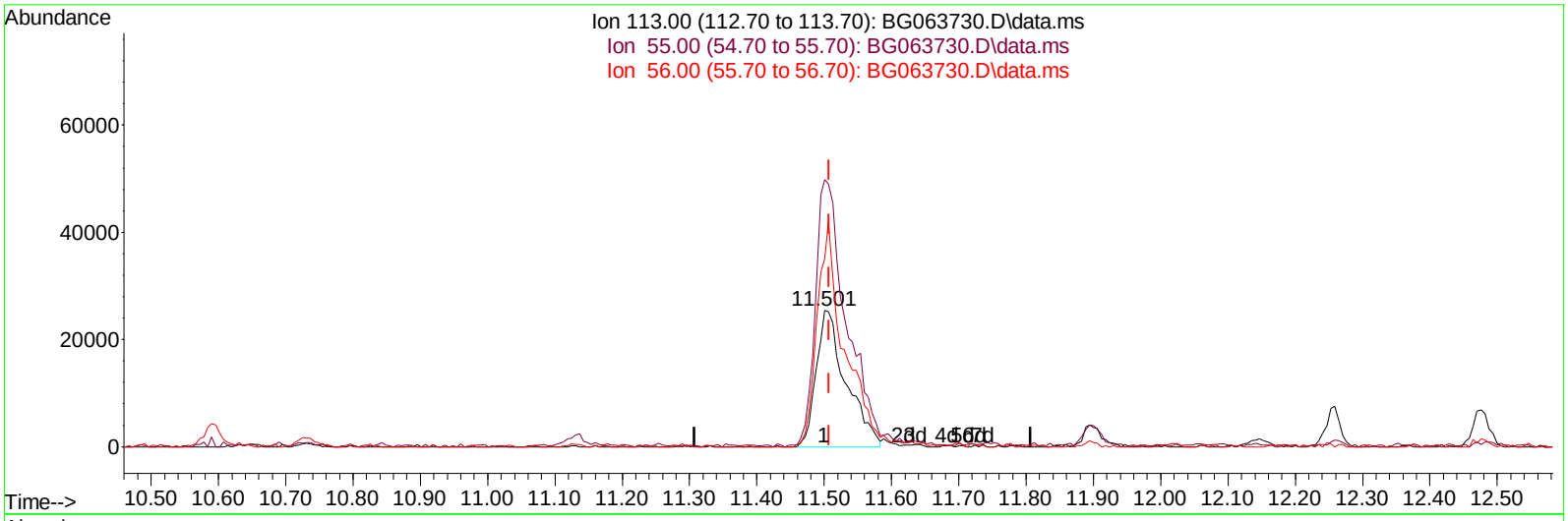
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063730.D
Acq On : 18 Dec 2024 17:30
Operator : RC/JU
Sample : P5226-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

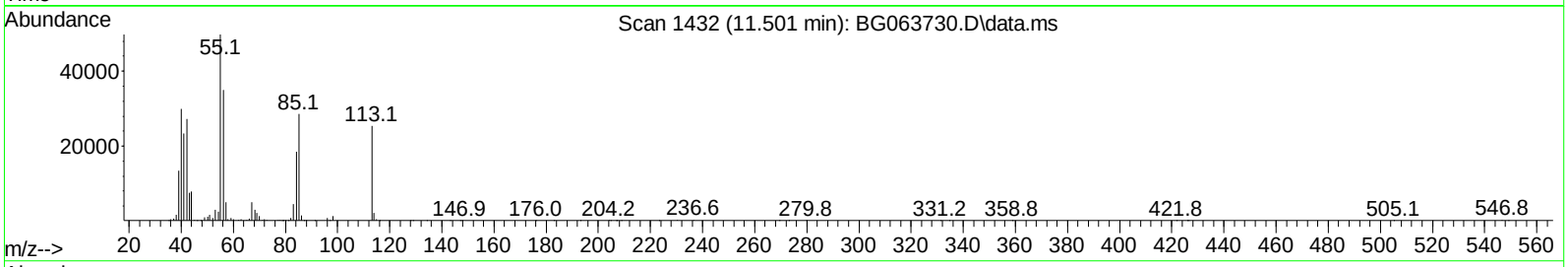
Quant Time: Dec 18 23:04:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

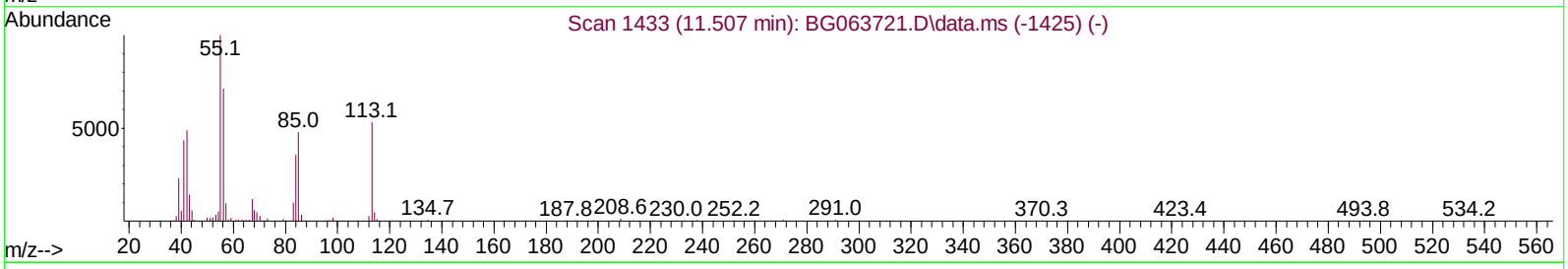
Instrument :
BNA_G
ClientSampleId :
E2AR4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024







TIC: BG063730.D\data.ms

(34) Caprolactam

11.501min (-0.007) 27.29 ng/ul

response 78086

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	195.60
56.00	133.90	137.55
0.00	0.00	0.00

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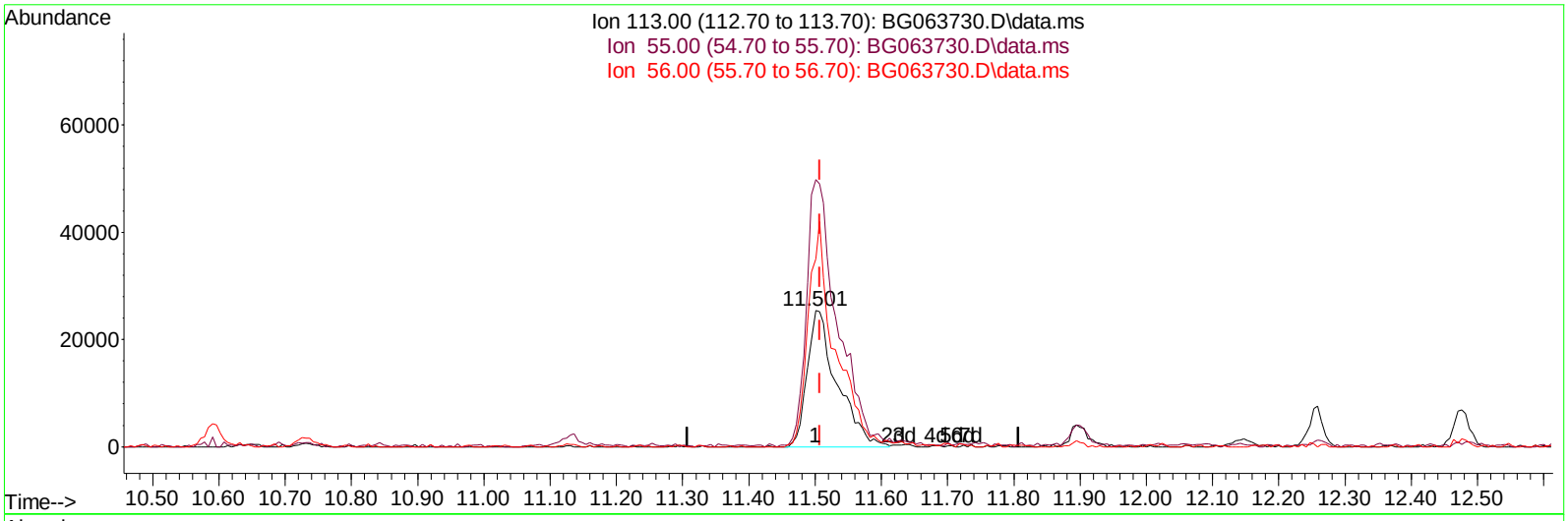

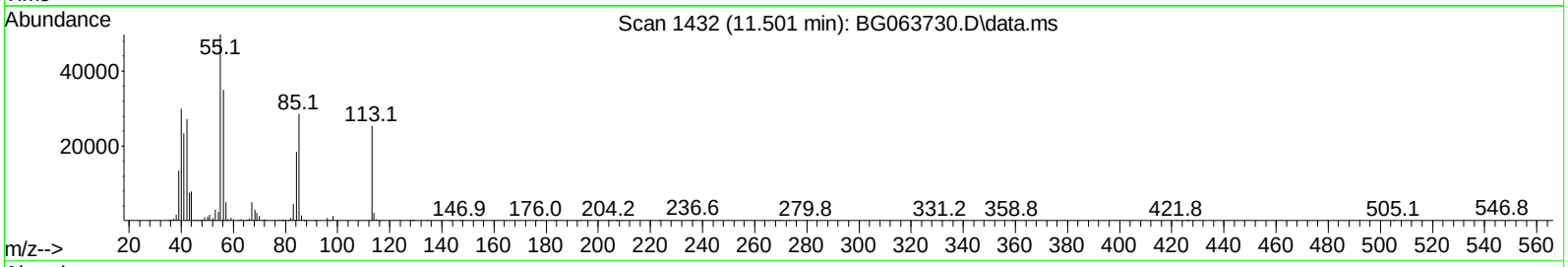

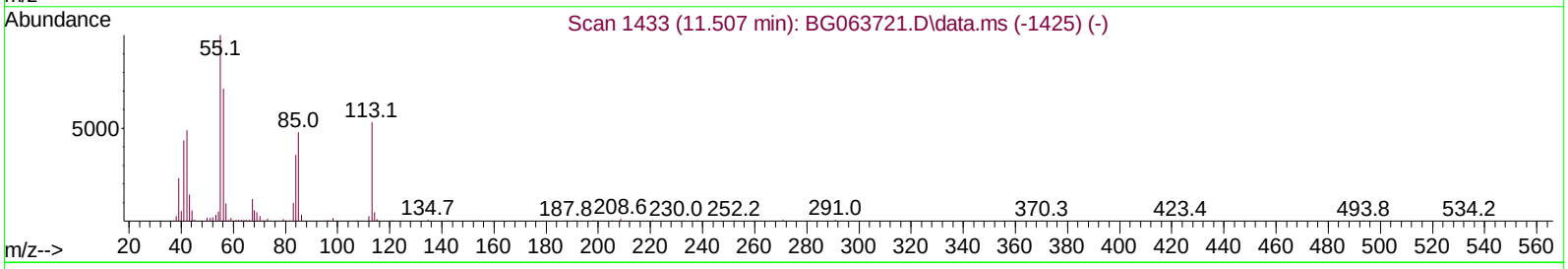

TIC: BG063730.D\data.ms

(34) Caprolactam

11.501min (-0.007) 27.78 ng/ul m

response 79472

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	195.60
56.00	133.90	137.55
0.00	0.00	0.00

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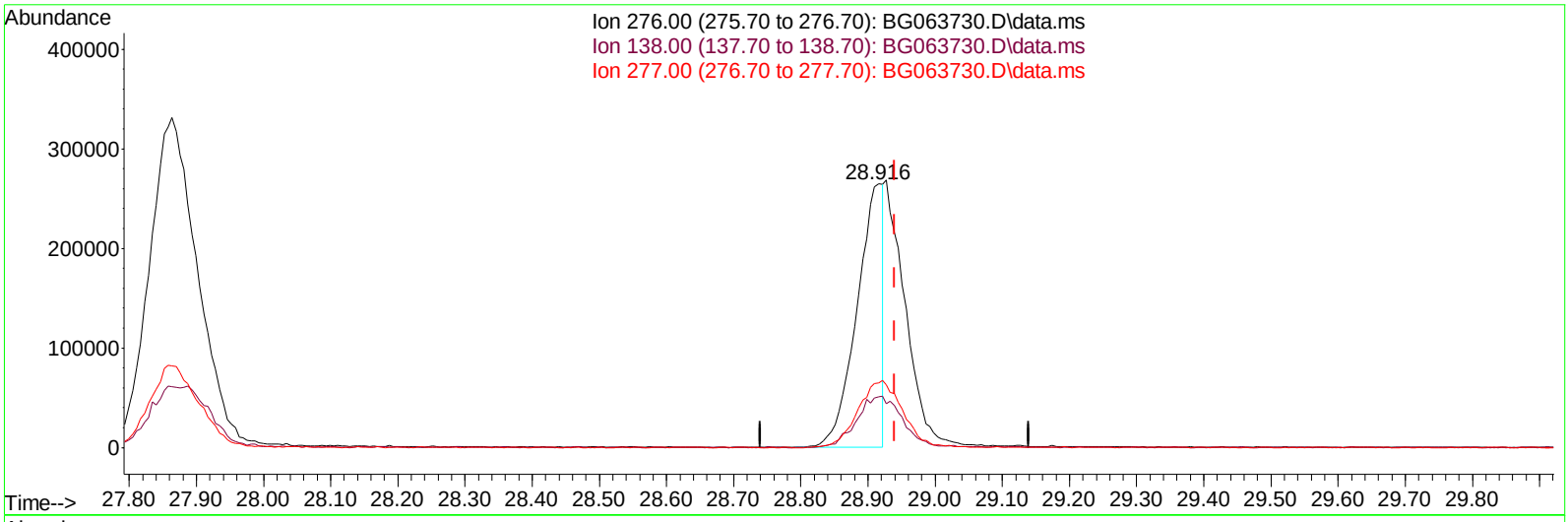

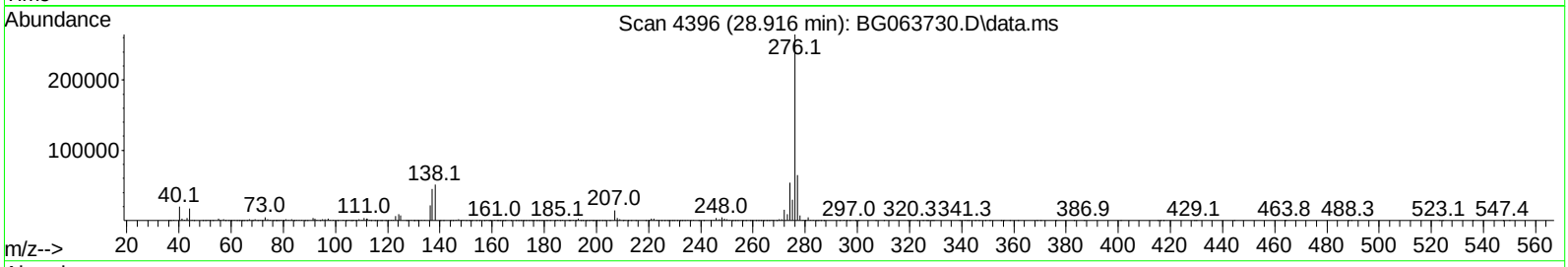

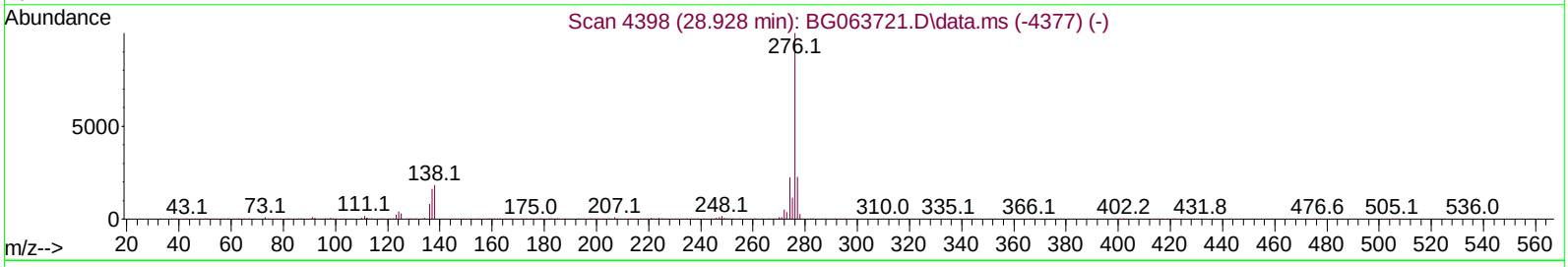

TIC: BG063730.D\data.ms

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

28.916min (-0.024) 12.54 ng/ul

response 716051

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	19.33
277.00	22.30	24.57
0.00	0.00	0.00

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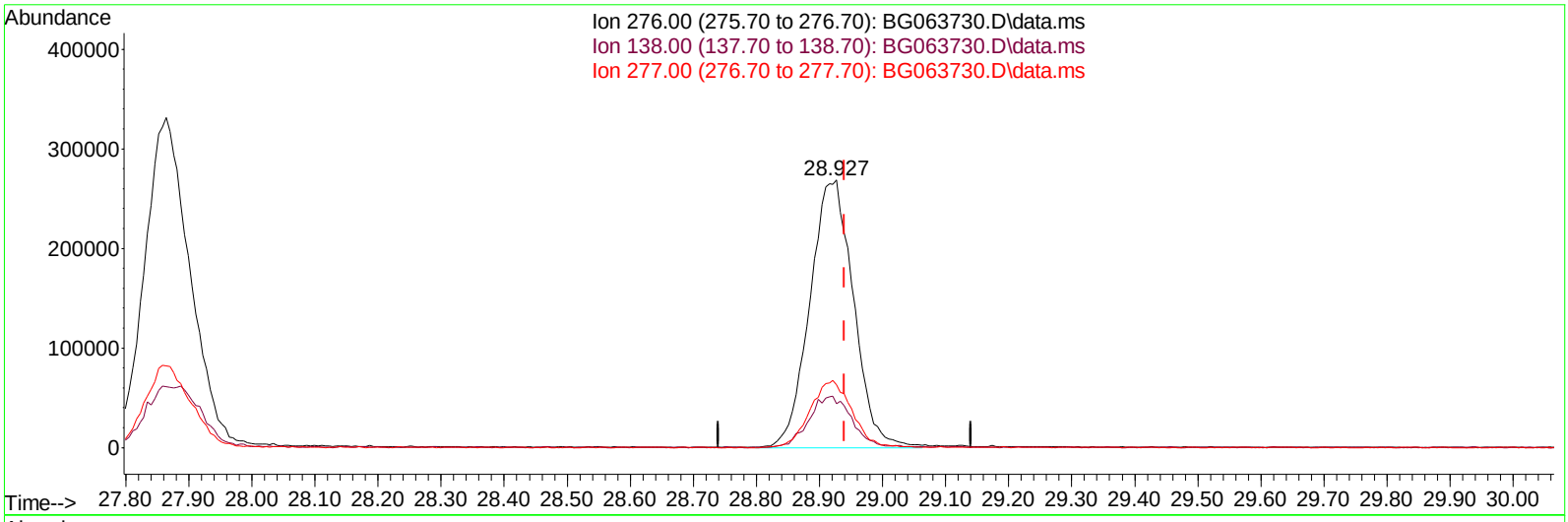

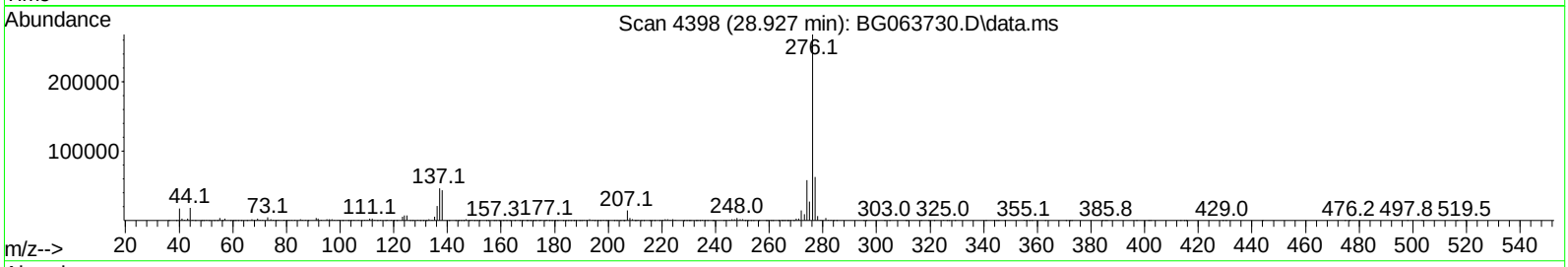

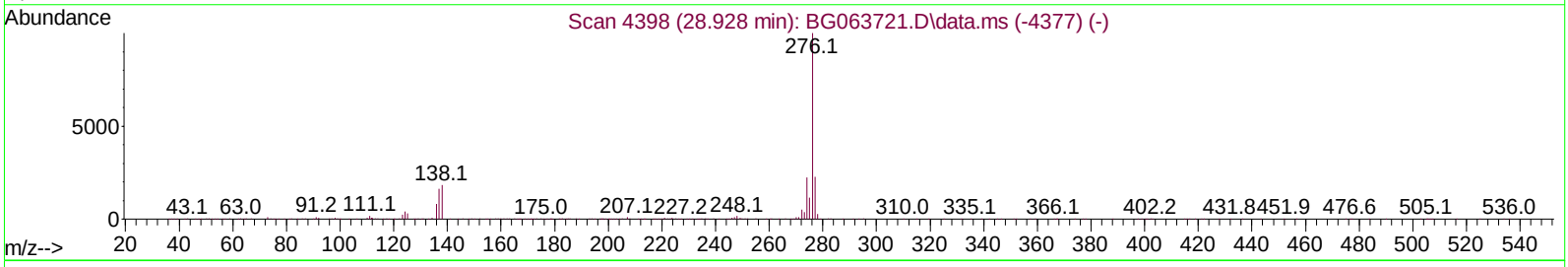

TIC: BG063730.D\data.ms

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

28.927min (-0.013) 22.62 ng/ul m

response 1291509

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	16.47
277.00	22.30	23.44
0.00	0.00	0.00

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Acq On : 18 Dec 2024 17:30
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Sample : P5226-26MSD
Misc :
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Quant Time: Dec 18 23:06:43 2024
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Instrument :
BNA_G
ClientSampleId :
E2AR4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	129897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.590	136	537519	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.444	164	426016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	1090771	20.000	ng/ul	-0.01
79) Chrysene-d12	21.442	240	1062268	20.000	ng/ul	-0.02
88) Perylene-d12	24.456	264	1104293	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	11323	3.416	ng/uL	-0.01
4) Pyridine-d5	3.669	84	174708	16.708	ng/ul	-0.02
7) Phenol-d5	6.988	99	241719	20.205	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.135	67	154832	18.739	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.341	132	153648	19.838	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	185929	20.018	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	82518	21.501	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.679	143	98162	22.817	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.226	165	187342	22.492	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	221819	20.974	ng/ul	-0.01
46) Dimethylphthalate-d6	13.851	166	652371	22.505	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	669505	20.260	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.673	143	100525	24.475	ng/ul	0.00
60) Fluorene-d10	15.437	176	527309	20.574	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.572	200	99814	17.625	ng/ul	0.00
73) Anthracene-d10	17.294	188	922734	19.676	ng/ul	-0.01
81) Pyrene-d10	19.591	212	991785	17.942	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.250	264	843025	16.256	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	27066	6.900	ng/uL	94
5) Pyridine	3.686	79	205923	18.386	ng/ul	93
6) Benzaldehyde	6.947	77	25949	3.536	ng/ul	97
8) Phenol	7.018	94	278345	21.831	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.229	93	200625	20.566	ng/ul	98
12) 2-Chlorophenol	7.376	128	175132	22.338	ng/ul	96
13) 2-Methylphenol	8.257	108	191226	20.751	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	289638	20.000	ng/ul	97
16) Acetophenone	8.622	105	319502	20.280	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.604	70	190972	20.316	ng/ul	94
18) 4-Methylphenol	8.586	108	217664	21.582	ng/ul	99
19) Hexachloroethane	8.874	117	69251	17.977	ng/ul	95
22) Nitrobenzene	8.998	77	270939	21.140	ng/ul	94
23) Isophorone	9.521	82	529536	21.868	ng/ul	99
25) 2-Nitrophenol	9.709	139	106823	24.161	ng/ul	88
26) 2,4-Dimethylphenol	9.779	107	195685	19.505	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.002	93	290848	22.206	ng/ul	96
29) 2,4-Dichlorophenol	10.255	162	193342	23.361	ng/ul	98
30) Naphthalene	10.643	128	589425	21.933	ng/ul	98
32) 4-Chloroaniline	10.755	127	154830	15.387	ng/ul	100
33) Hexachlorobutadiene	10.925	225	124273	18.483	ng/ul	93
34) Caprolactam	11.501	113	79472m	27.778	ng/ul	
35) 4-Chloro-3-methylphenol	11.900	107	242518	24.959	ng/ul	94

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Instrument :
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ClientSampleId :
E2AR4MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	440275	22.795	ng/ul	99
37) 1-Methylnaphthalene	12.476	142	444881	22.612	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.629	216	262722	19.264	ng/ul	98
40) Hexachlorocyclopentadiene	12.605	237	39733	7.370	ng/ul	93
41) 2,4,6-Trichlorophenol	12.876	196	177022	22.966	ng/ul	98
42) 2,4,5-Trichlorophenol	12.958	196	196531	24.431	ng/ul	98
43) 1,1'-Biphenyl	13.269	154	616300	21.936	ng/ul	96
44) 2-Chloronaphthalene	13.316	162	488132	21.636	ng/ul	98
45) 2-Nitroaniline	13.522	65	188131	24.895	ng/ul	88
47) Dimethylphthalate	13.898	163	688560	23.700	ng/ul	98
48) 2,6-Dinitrotoluene	14.021	165	139896	25.928	ng/ul	93
50) Acenaphthylene	14.162	152	808299	22.812	ng/ul	97
51) 3-Nitroaniline	14.356	138	140924	28.249	ng/ul	85
52) Acenaphthene	14.509	153	561527	22.359	ng/ul	96
53) 2,4-Dinitrophenol	14.574	184	27763	10.068	ng/ul#	89
55) 4-Nitrophenol	14.691	109	97519	22.865	ng/ul	91
56) Dibenzofuran	14.844	168	845337	23.875	ng/ul	98
57) 2,4-Dinitrotoluene	14.820	165	225715	28.153	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.079	232	175098	25.251	ng/ul#	94
59) Diethylphthalate	15.267	149	712571	25.371	ng/ul	97
61) Fluorene	15.496	166	693975	24.546	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.484	204	361468	22.949	ng/ul	98
63) 4-Nitroaniline	15.520	138	164425	32.923	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.590	198	123798	21.219	ng/ul	96
67) N-Nitrosodiphenylamine	15.702	169	618989	23.435	ng/ul	98
68) 4-Bromophenyl-phenylether	16.383	248	246409	22.166	ng/ul	98
69) Hexachlorobenzene	16.507	284	279963	22.478	ng/ul	95
70) Atrazine	16.659	200	265082	23.741	ng/ul	97
71) Pentachlorophenol	16.859	266	91336	17.393	ng/ul	98
72) Phenanthrene	17.235	178	1249901	23.779	ng/ul	97
74) Anthracene	17.329	178	1248072	23.459	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	271334	18.644	ng/ul	96
76) Pentachlorobenzene	14.767	250	296860	20.590	ng/ul	98
77) Carbazole	17.599	167	1138330	26.433	ng/ul	100
78) Di-n-butylphthalate	18.158	149	1311332	25.213	ng/ul	97
80) Fluoranthene	19.256	202	1482780	23.600	ng/ul	97
82) Pyrene	19.621	202	1554679	23.258	ng/ul#	94
83) Butylbenzylphthalate	20.514	149	562760	27.426	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.348	252	379969	19.815	ng/ul	99
85) Benzo(a)anthracene	21.424	228	1471092	22.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	827623	27.727	ng/ul	99
87) Chrysene	21.489	228	1407796	22.187	ng/ul	97
89) Di-n-octyl phthalate	22.470	149	1406378	29.506	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1435772	22.876	ng/ul	99
91) Benzo(k)fluoranthene	23.569	252	1449866	23.159	ng/ul	99
93) Benzo(a)pyrene	24.315	252	1329849	22.574	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.864	276	1653431	22.982	ng/ul	97
95) Dibenzo(a,h)anthracene	27.911	278	1355584	23.548	ng/ul	96
96) Benzo(g,h,i)perylene	28.927	276	1291509m	22.622	ng/ul	

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

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