Quantitation Report (Qedit)

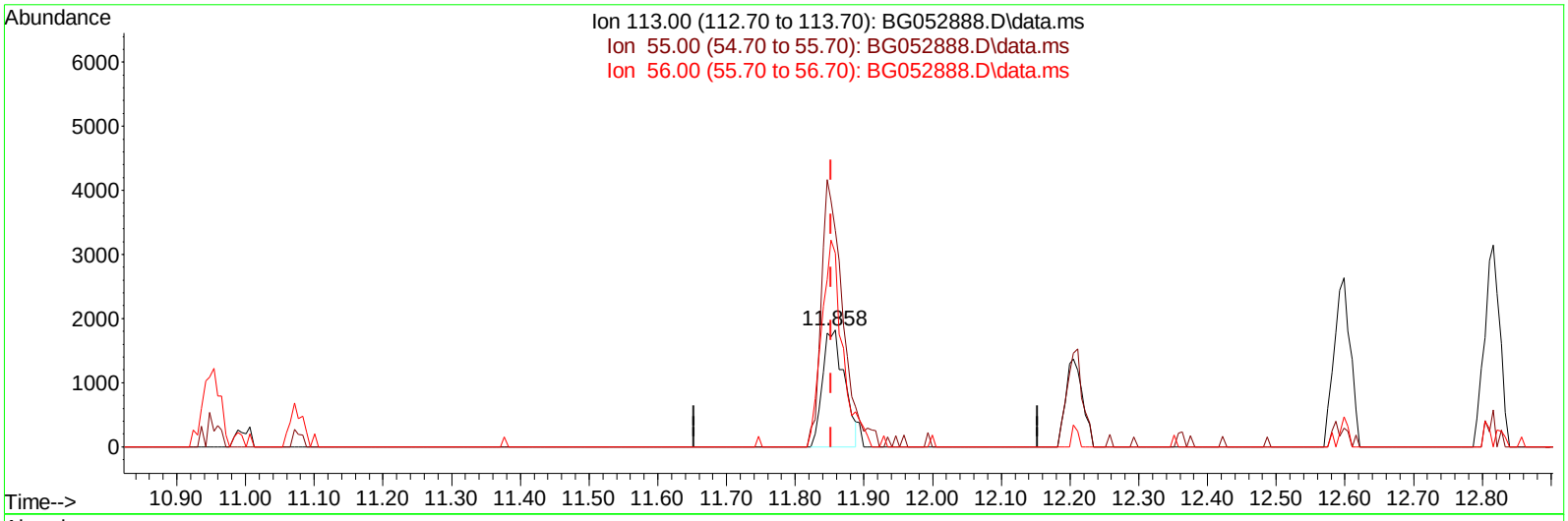
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052888.D
Acq On : 28 Mar 2022 12:52
Operator : CG/JU
Sample : N2082-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

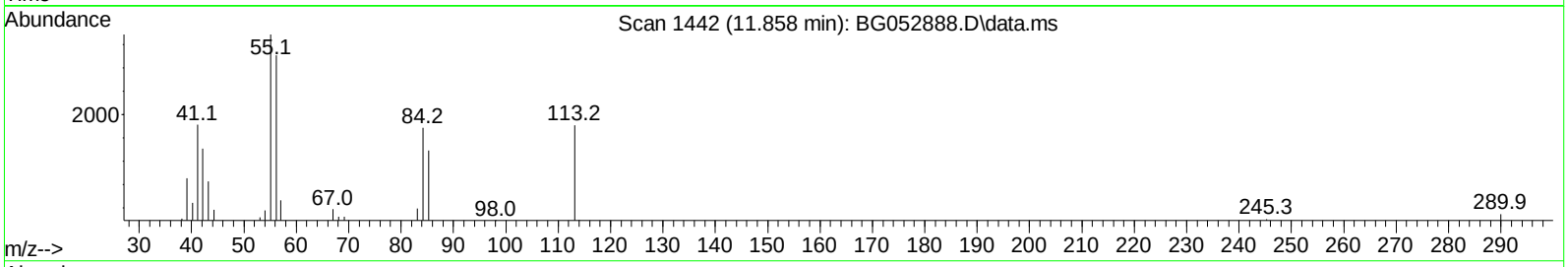
Quant Time: Mar 28 13:34:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

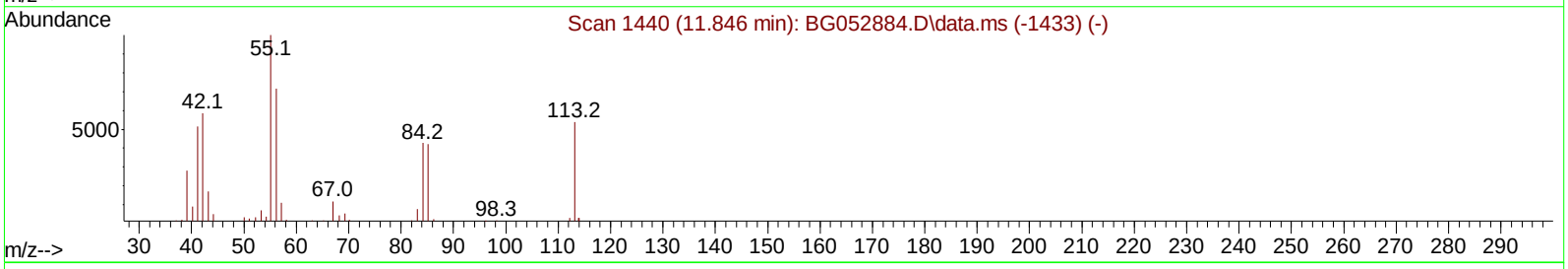
Instrument :
BNA_G
ClientSampleId :
EW5Z2MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022







TIC: BG052888.D\data.ms

(34) Caprolactam

11.858min (+ 0.005) 6.45 ng/ul

response 4020

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	185.43
56.00	120.10	165.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
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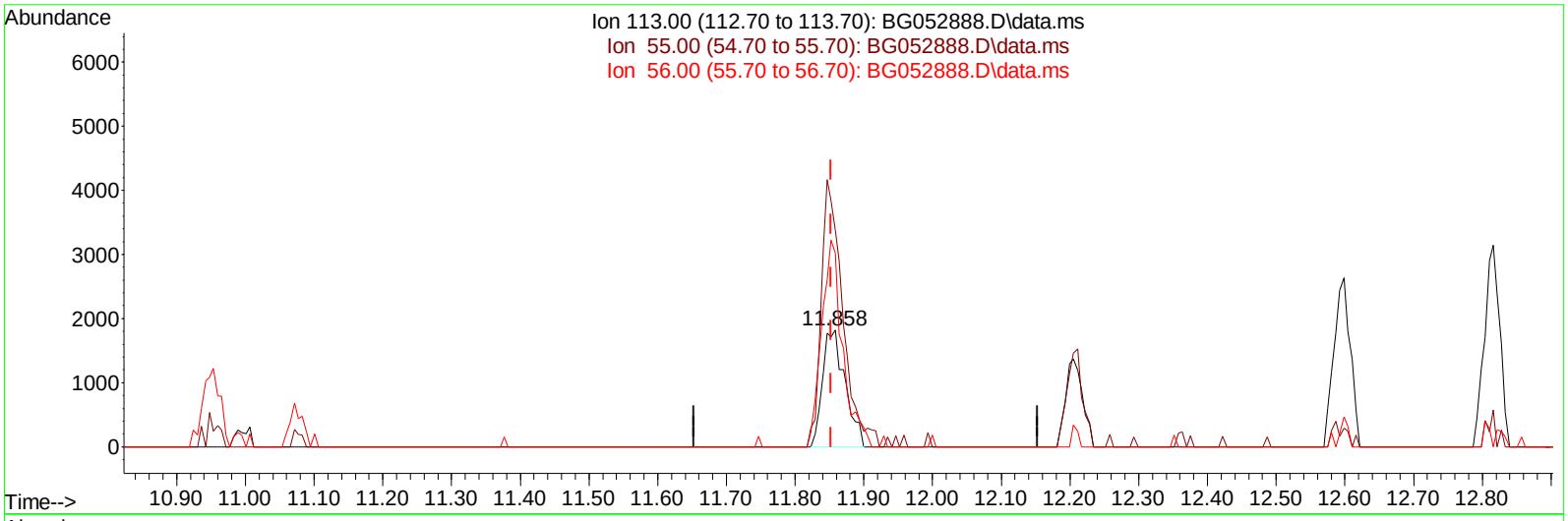

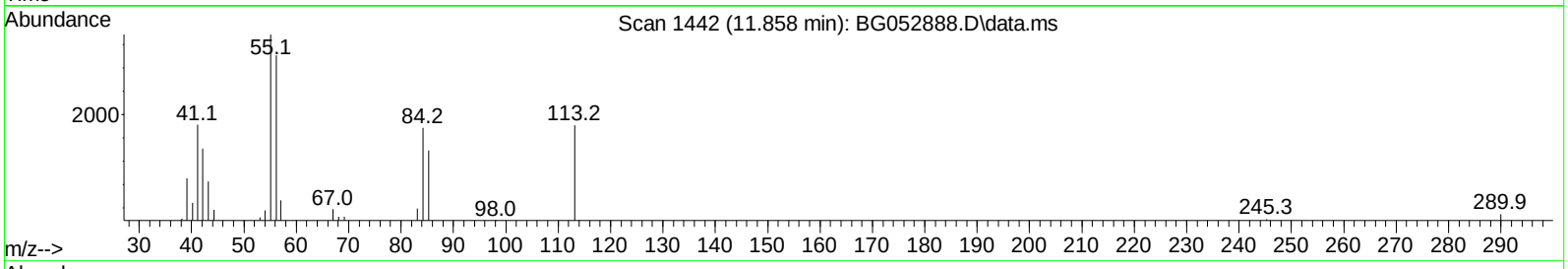

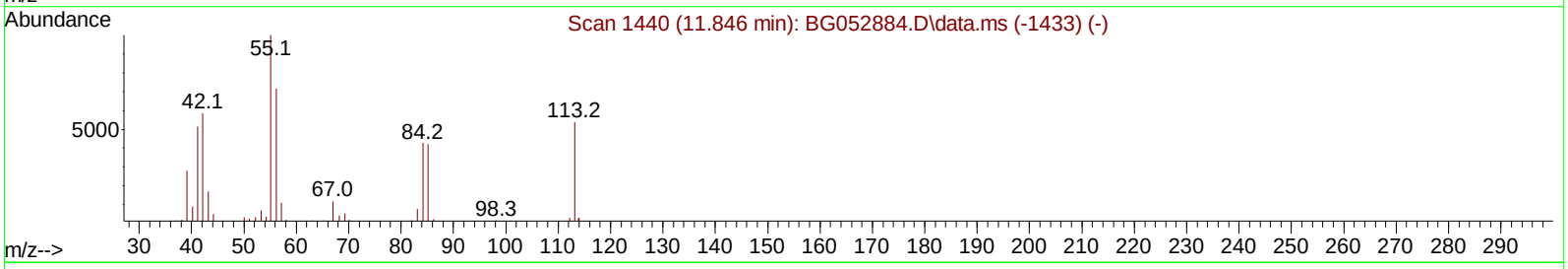

TIC: BG052888.D\data.ms

(34) Caprolactam

11.858min (+ 0.005) 6.66 ng/ul m

response 4156

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	185.43
56.00	120.10	165.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

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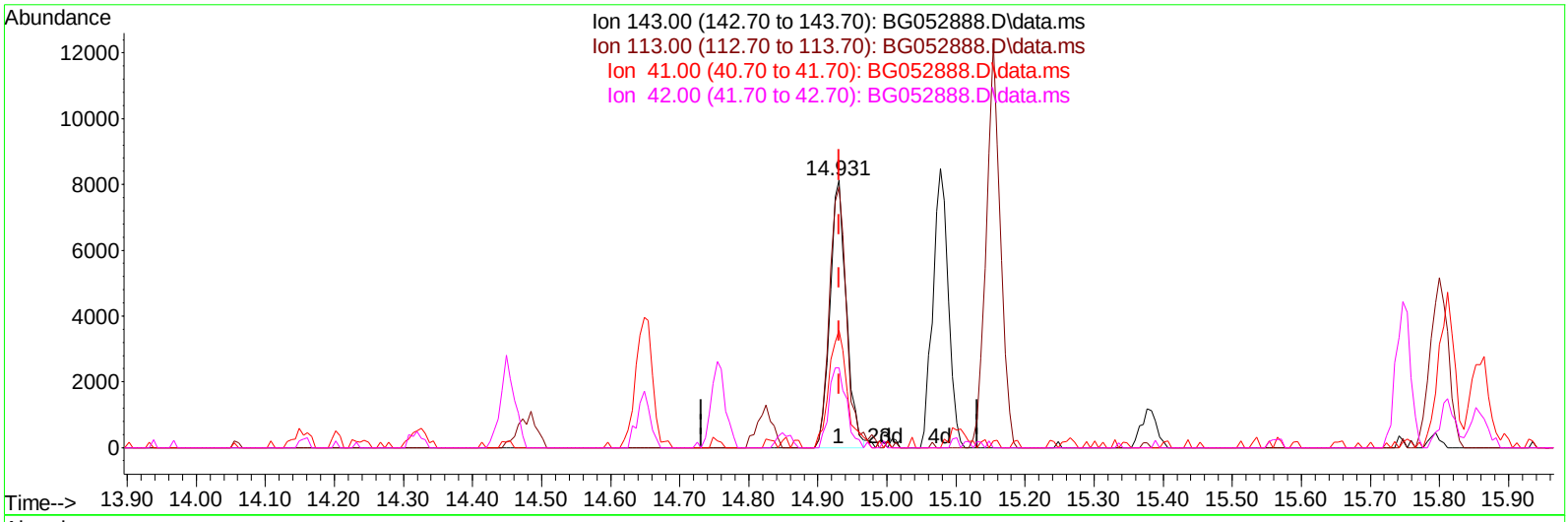

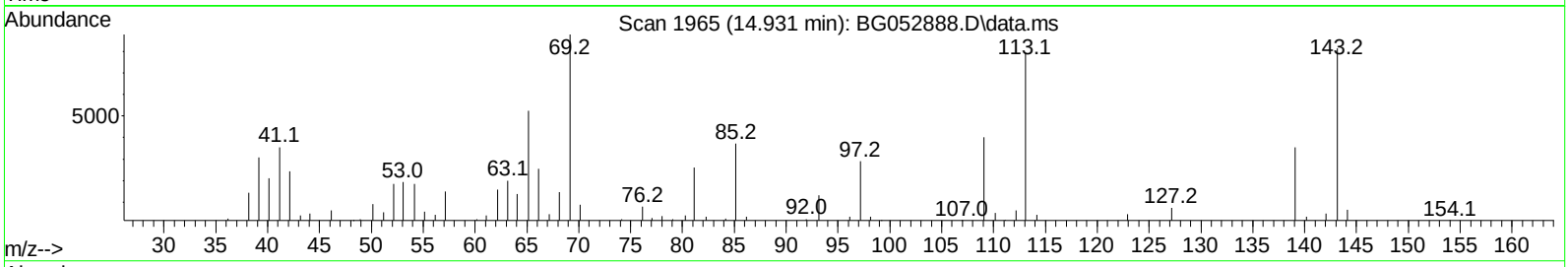

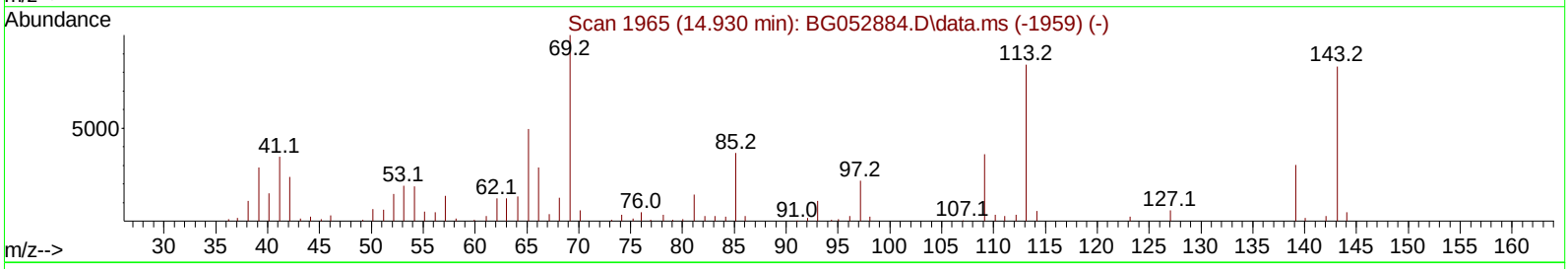

TIC: BG052888.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.931min (-0.000) 10.22 ng/ul

response 13335

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	105.70	97.48
41.00	47.20	43.67
42.00	29.40	29.79

Quantitation Report (Qedit)

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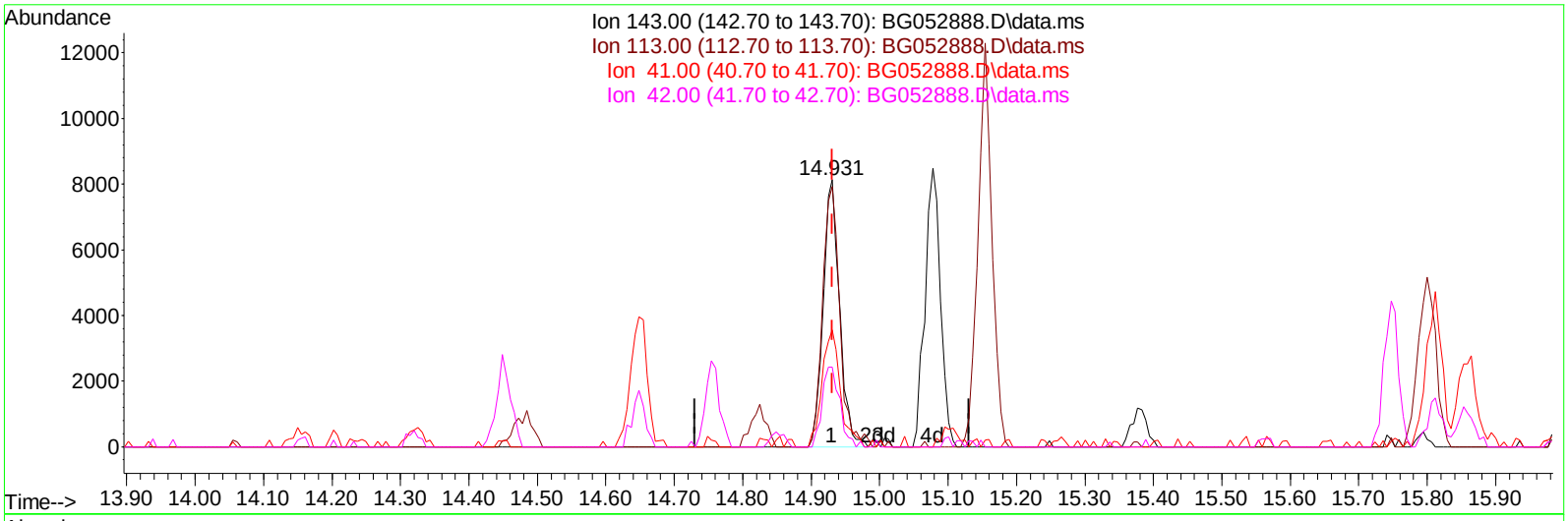

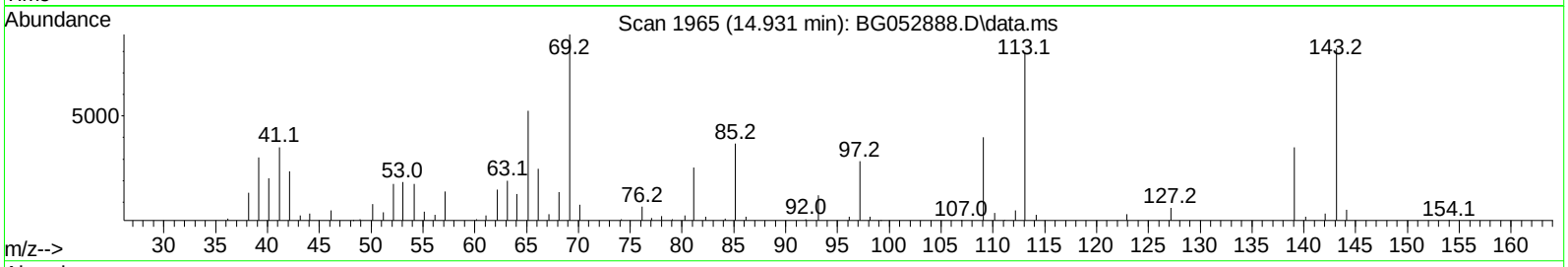

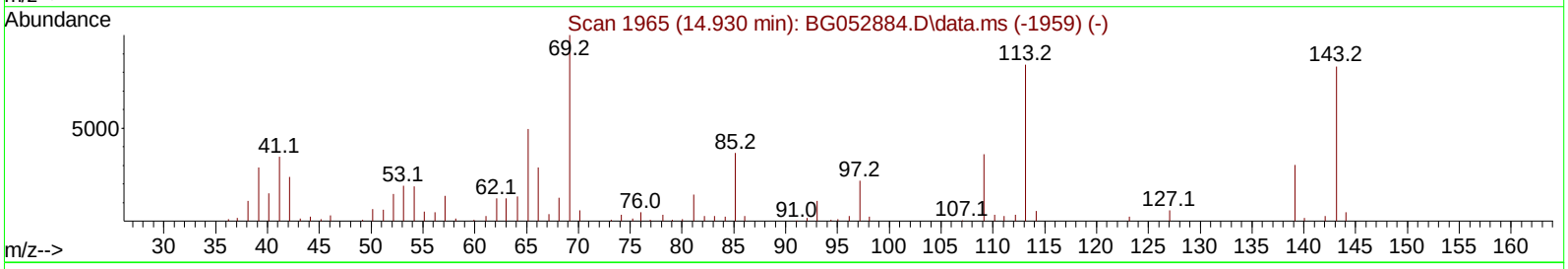

TIC: BG052888.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.931min (-0.000) 10.33 ng/ul m

response 13471

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	105.70	97.48
41.00	47.20	43.67
42.00	29.40	29.79

Quantitation Report (Qedit)

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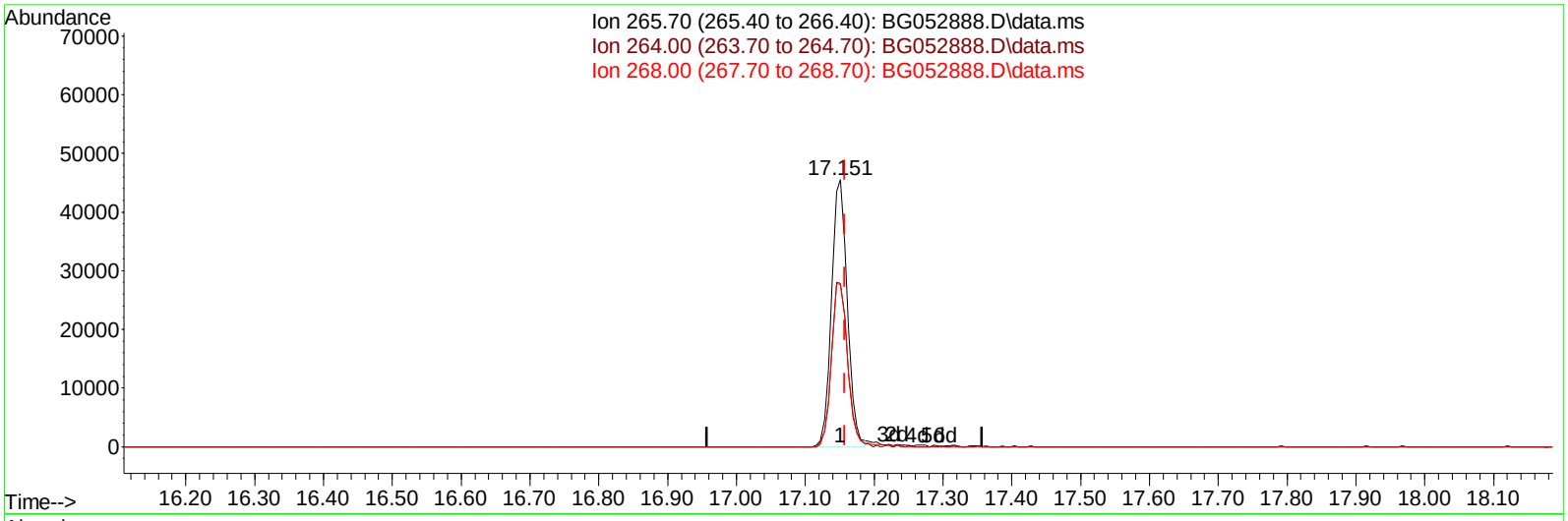

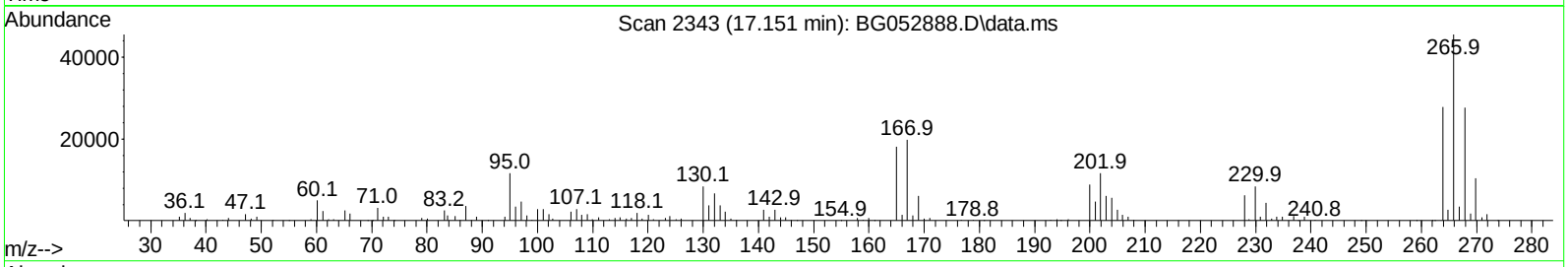

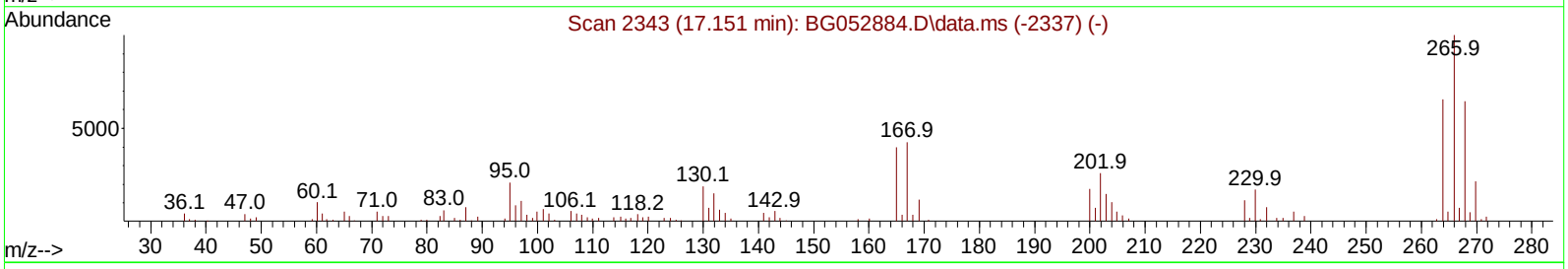

TIC: BG052888.D\data.ms

(71) Pentachlorophenol (C)

17.151min (-0.006) 38.03 ng/ul

response 72118

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.90	61.10
268.00	57.30	60.83
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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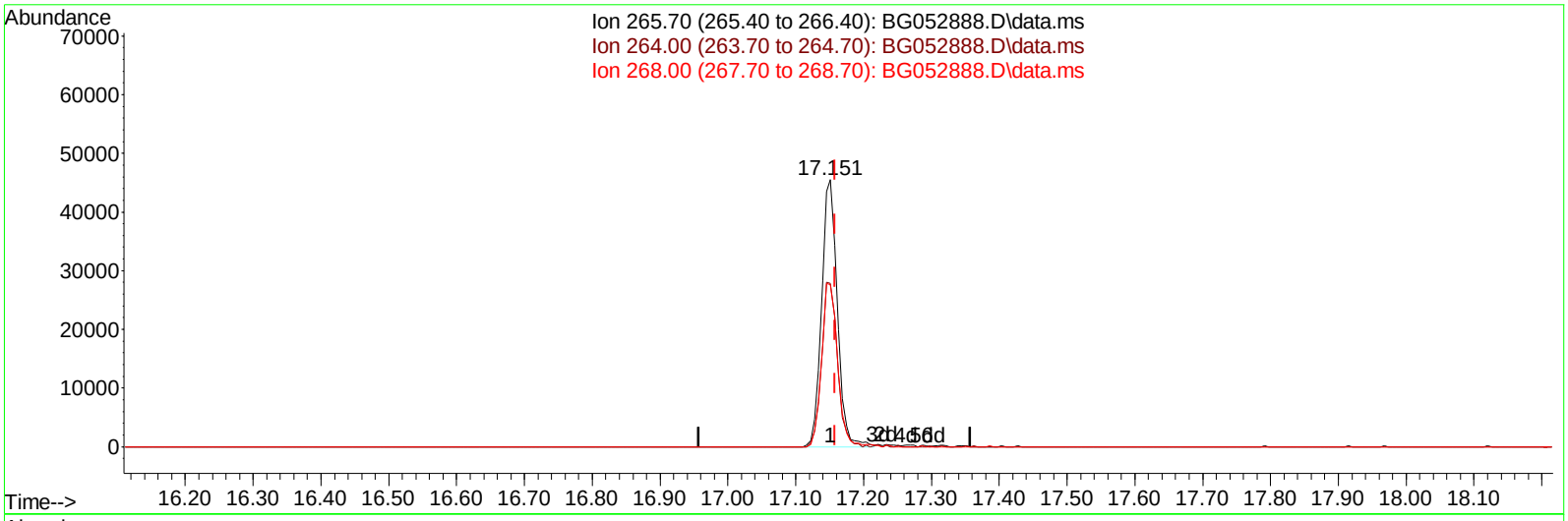

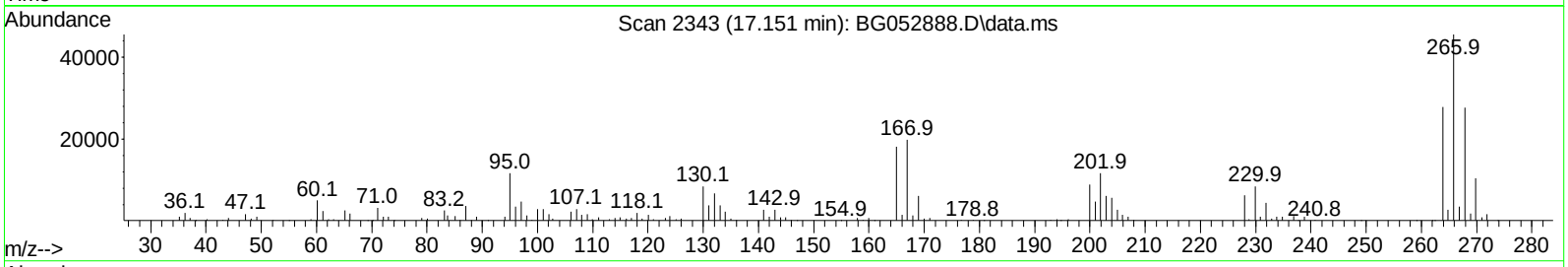

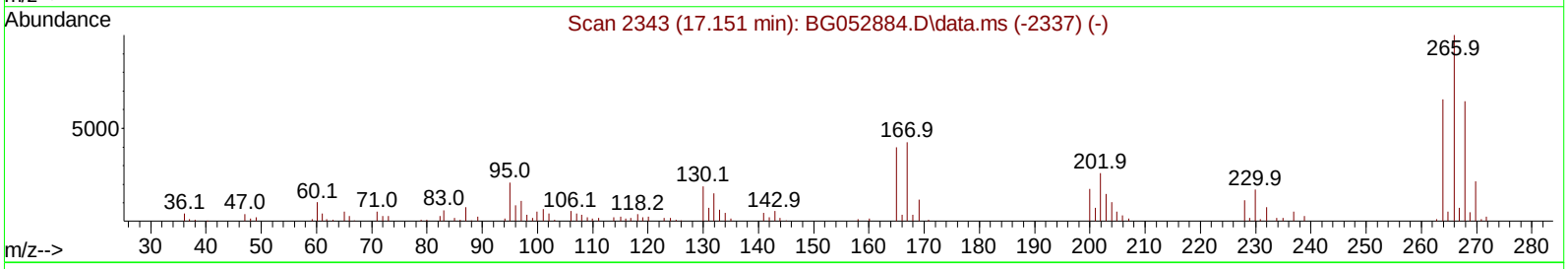

TIC: BG052888.D\data.ms

(71) Pentachlorophenol (C)

17.151min (-0.006) 38.58 ng/ul m

response 73159

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.90	61.10
268.00	57.30	60.83
0.00	0.00	0.00

Quantitation Report (Qedit)

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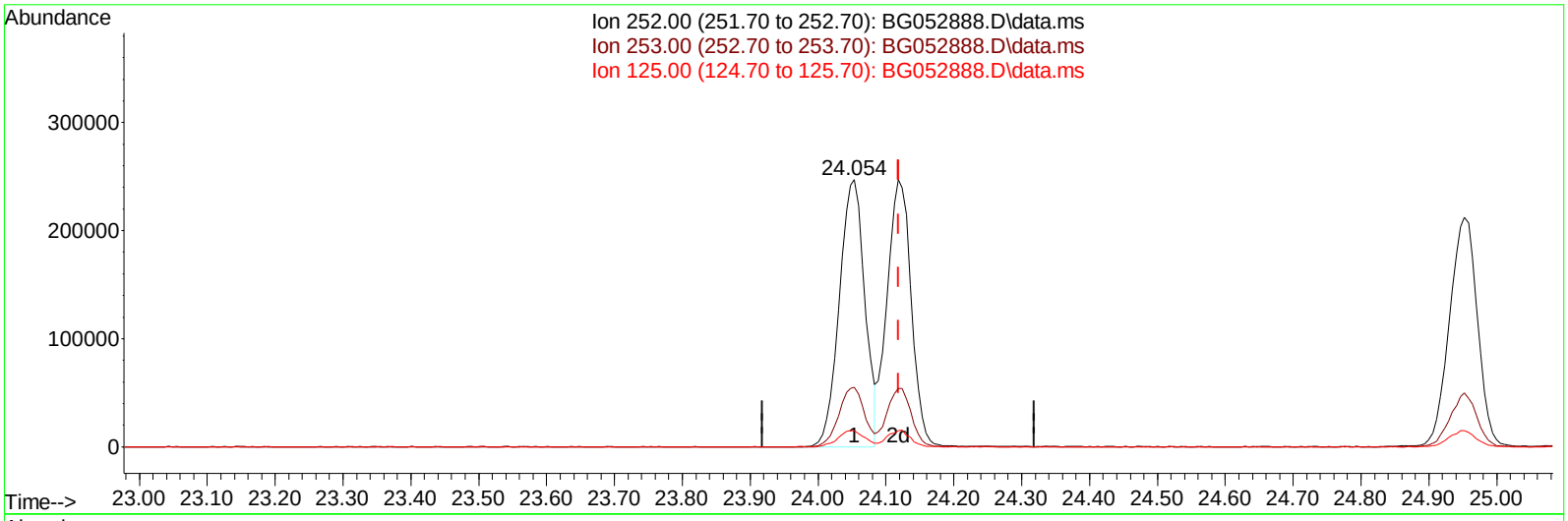

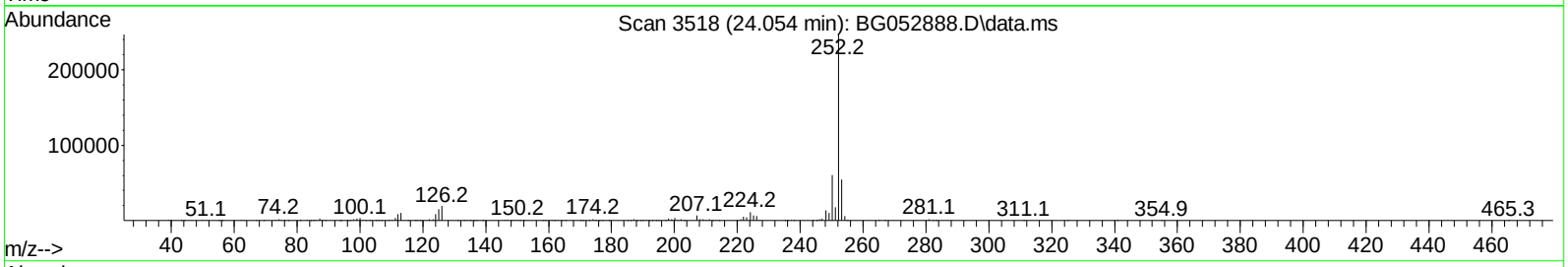

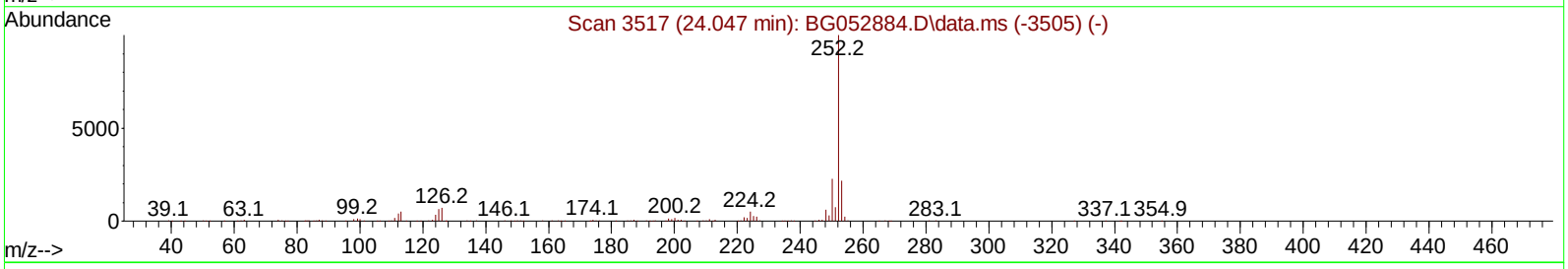

TIC: BG052888.D\data.ms

(91) Benzo(k)fluoranthene

24.054min (-0.065) 40.55 ng/ul

response 644846

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.20
125.00	7.50	6.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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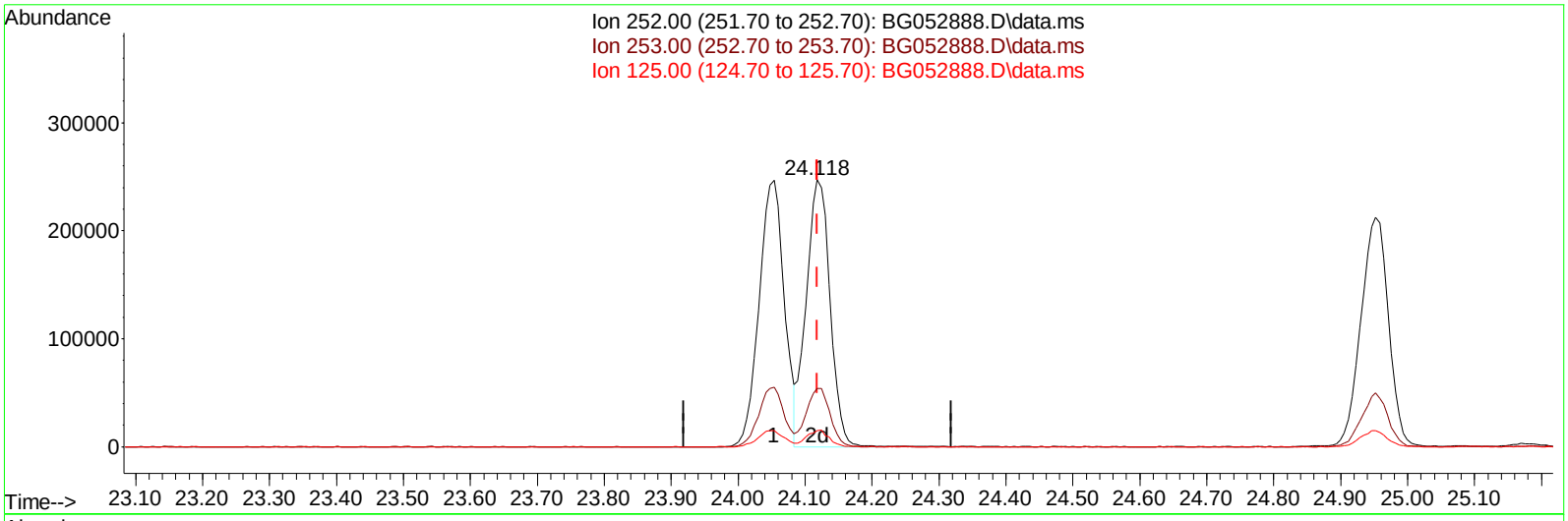

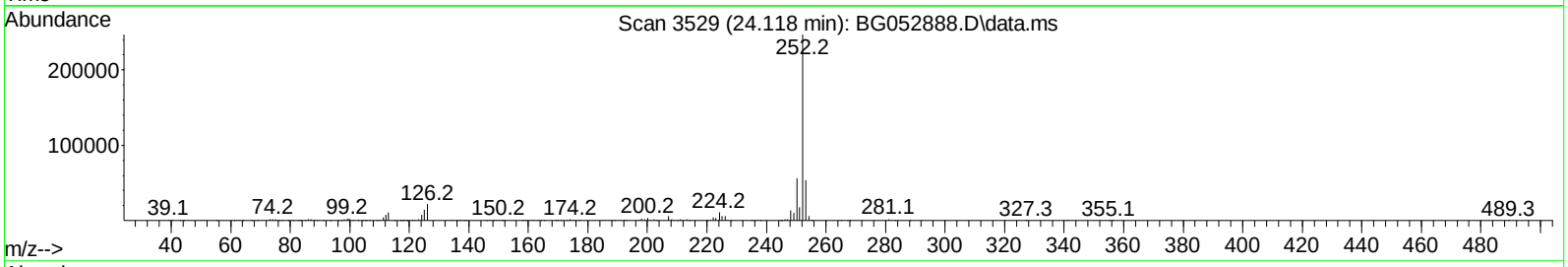

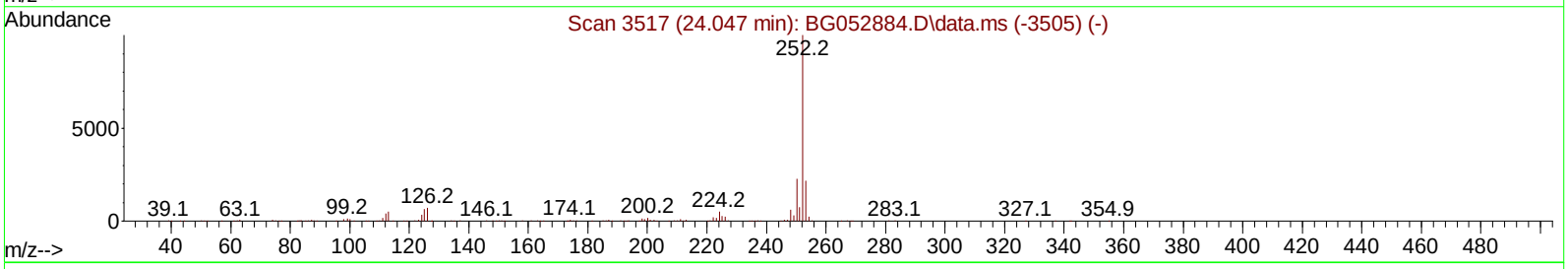

TIC: BG052888.D\data.ms

(91) Benzo(k)fluoranthene

24.118min (-0.000) 38.44 ng/ul m

response 611303

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.82
125.00	7.50	5.99#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	27402	20.000	ng/ul	0.00
20) Naphthalene-d8	10.954	136	128932	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.760	164	100999	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	243796	20.000	ng/ul	0.00
79) Chrysene-d12	21.792	240	255142	20.000	ng/ul	0.00
88) Perylene-d12	25.099	264	266856	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	2588	3.336	ng/uL	0.00
4) Pyridine-d5	3.969	84	13439	6.939	ng/ul	0.00
7) Phenol-d5	7.282	99	20867	8.502	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	53350	35.591	ng/ul	0.00
11) 2-Chlorophenol-d4	7.664	132	45576	27.349	ng/ul	-0.01
15) 4-Methylphenol-d8	8.839	113	35588	20.017	ng/ul	0.00
21) Nitrobenzene-d5	9.297	128	31036	33.440	ng/ul	0.00
24) 2-Nitrophenol-d4	10.020	143	34796	35.545	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	65318	30.671	ng/ul	0.00
31) 4-Chloroaniline-d4	11.077	131	72072	25.606	ng/ul	0.00
46) Dimethylphthalate-d6	14.155	166	277863	35.811	ng/ul	0.00
49) Acenaphthylene-d8	14.455	160	308691	32.740	ng/ul	0.00
54) 4-Nitrophenol-d4	14.931	143	13471m	10.326	ng/ul	0.00
60) Fluorene-d10	15.747	176	239458	35.147	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	51681	41.655	ng/ul	0.00
73) Anthracene-d10	17.603	188	401359	35.354	ng/ul	0.00
81) Pyrene-d10	19.883	212	512685	35.920	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.882	264	521736	37.838	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	9348	9.835	ng/uL#	83
5) Pyridine	3.987	79	16211	7.747	ng/ul#	79
6) Benzaldehyde	7.270	77	61755	37.850	ng/ul	91
8) Phenol	7.312	94	22462	9.496	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.547	93	60751	34.045	ng/ul	99
12) 2-Chlorophenol	7.699	128	46639	27.392	ng/ul	96
13) 2-Methylphenol	8.569	108	43610	23.722	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.657	45	103058	35.531	ng/ul#	95
16) Acetophenone	8.956	105	107844	38.883	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.939	70	63427	39.228	ng/ul	98
18) 4-Methylphenol	8.898	108	41885	21.868	ng/ul	97
19) Hexachloroethane	9.227	117	20590	27.255	ng/ul	95
22) Nitrobenzene	9.338	77	93880	34.618	ng/ul#	94
23) Isophorone	9.861	82	181123	34.942	ng/ul	95
25) 2-Nitrophenol	10.055	139	37214	36.660	ng/ul	93
26) 2,4-Dimethylphenol	10.108	107	66821	26.565	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.343	93	91750	31.829	ng/ul	98
29) 2,4-Dichlorophenol	10.589	162	63714	30.771	ng/ul	98
30) Naphthalene	11.001	128	202429	30.339	ng/ul	99
32) 4-Chloroaniline	11.101	127	74362	26.887	ng/ul	99
33) Hexachlorobutadiene	11.294	225	48327	28.579	ng/ul	98
34) Caprolactam	11.858	113	4156m	6.664	ng/ul	
35) 4-Chloro-3-methylphenol	12.205	107	76483	34.052	ng/ul	89

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Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.599	142	155823	33.092	ng/ul	96
37) 1-Methylnaphthalene	12.816	142	161083	33.791	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.963	216	103317	30.949	ng/ul	99
40) Hexachlorocyclopentadiene	12.945	237	54222	23.461	ng/ul	94
41) 2,4,6-Trichlorophenol	13.192	196	70734	34.675	ng/ul	100
42) 2,4,5-Trichlorophenol	13.262	196	76901	34.908	ng/ul	94
43) 1,1'-Biphenyl	13.591	154	228137	31.610	ng/ul	99
44) 2-Chloronaphthalene	13.638	162	178768	30.933	ng/ul	97
45) 2-Nitroaniline	13.832	65	74138	43.763	ng/ul	93
47) Dimethylphthalate	14.202	163	264345	35.700	ng/ul	98
48) 2,6-Dinitrotoluene	14.320	165	56250	41.936	ng/ul	96
50) Acenaphthylene	14.484	152	300611	33.012	ng/ul	99
51) 3-Nitroaniline	14.649	138	53304	39.370	ng/ul	96
52) Acenaphthene	14.825	153	199558	33.546	ng/ul	99
53) 2,4-Dinitrophenol	14.854	184	33828	40.595	ng/ul#	62
55) 4-Nitrophenol	14.942	109	14529	10.582	ng/ul	96
56) Dibenzofuran	15.154	168	311180	35.284	ng/ul	98
57) 2,4-Dinitrotoluene	15.107	165	81262	42.698	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.377	232	79391	39.981	ng/ul#	96
59) Diethylphthalate	15.565	149	288398	38.457	ng/ul	98
61) Fluorene	15.806	166	259332	35.475	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.794	204	138285	35.550	ng/ul	96
63) 4-Nitroaniline	15.812	138	57298	43.035	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.871	198	49288	40.603	ng/ul#	91
67) N-Nitrosodiphenylamine	16.006	169	236472	35.874	ng/ul	95
68) 4-Bromophenyl-phenylether	16.687	248	102513	42.467	ng/ul	95
69) Hexachlorobenzene	16.810	284	117231	37.596	ng/ul#	89
70) Atrazine	16.946	200	95348	35.295	ng/ul	97
71) Pentachlorophenol	17.151	266	73159m	38.582	ng/ul	
72) Phenanthrene	17.545	178	472843	36.954	ng/ul	98
74) Anthracene	17.639	178	464476	36.309	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	114029	31.404	ng/uL	99
76) Pentachlorobenzene	15.077	250	127496	36.599	ng/uL	97
77) Carbazole	17.897	167	433167	38.315	ng/ul	98
78) Di-n-butylphthalate	18.455	149	502106	37.349	ng/ul	99
80) Fluoranthene	19.548	202	621579	36.955	ng/ul	99
82) Pyrene	19.912	202	600661	35.929	ng/ul	97
83) Butylbenzylphthalate	20.787	149	226623	38.988	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.674	252	160216	28.017	ng/ul	95
85) Benzo(a)anthracene	21.768	228	612591	37.201	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.669	149	319077	39.633	ng/ul	100
87) Chrysene	21.839	228	574636	36.585	ng/ul	99
89) Di-n-octyl phthalate	22.914	149	547380	39.381	ng/ul	100
90) Benzo(b)fluoranthene	24.054	252	644846	37.423	ng/ul	99
91) Benzo(k)fluoranthene	24.118	252	611303m	38.439	ng/ul	
93) Benzo(a)pyrene	24.952	252	606564	37.284	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.888	276	728391	39.589	ng/ul	99
95) Dibenzo(a,h)anthracene	28.959	278	615867	39.383	ng/ul	99
96) Benzo(g,h,i)perylene	30.081	276	612131	39.358	ng/ul	98

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

Instrument :
BNA_G
ClientSampleId :
EW5Z2MS

Manual IntegrationsAPPROVED

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Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052888.D
Acq On : 28 Mar 2022 12:52
Operator : CG/JU
Sample : N2082-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 13:34:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW5Z2MS

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