

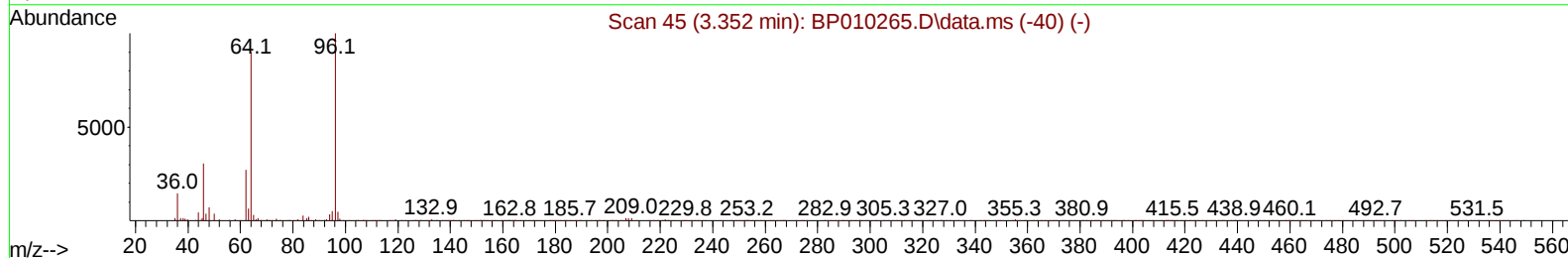
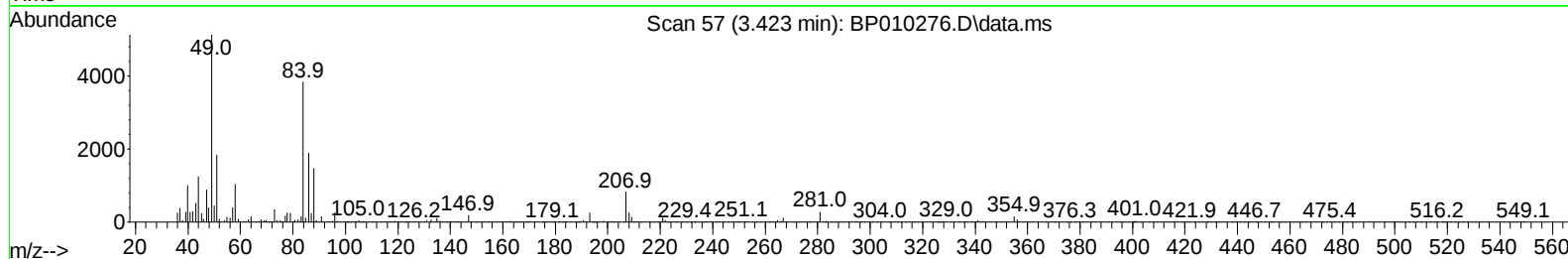
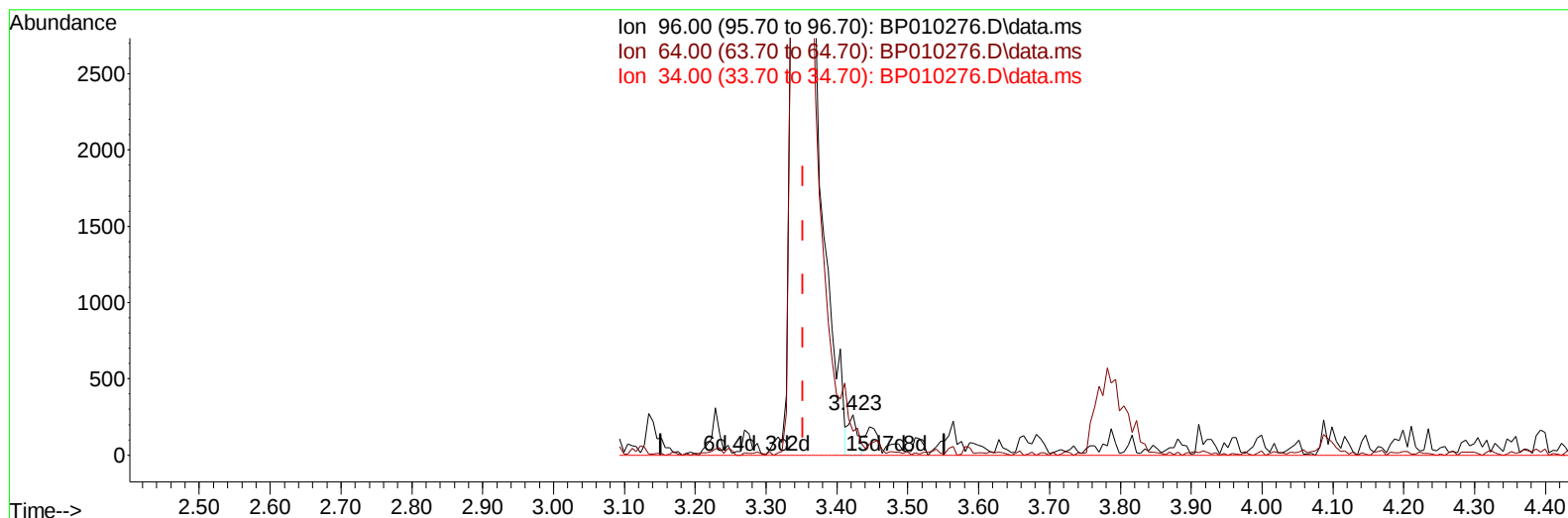
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
 Data File : BP010276.D
 Acq On : 10 May 2022 21:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 11 01:20:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 15:59:46 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/11/2022
 Supervised By :mohammad ahmed 05/12/2022



TIC: BP010276.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.423min (+ 0.071) 0.10 ng/uL

response 253

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	59.40
34.00	0.00	0.00
0.00	0.00	0.00

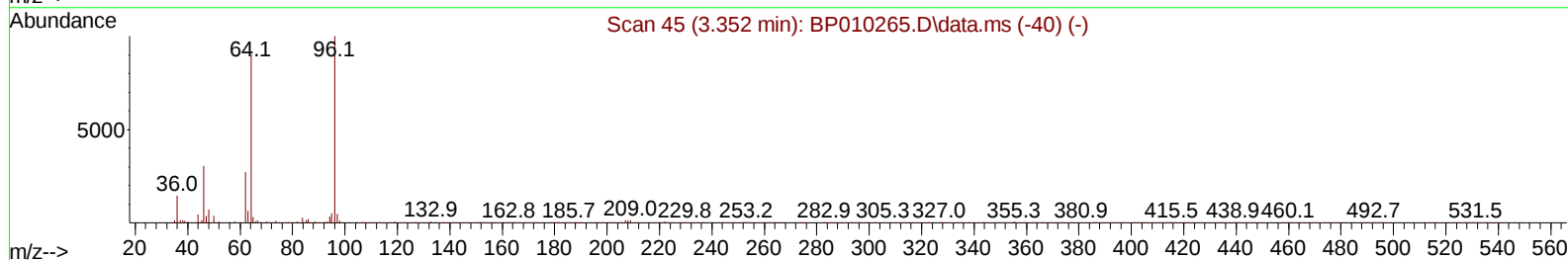
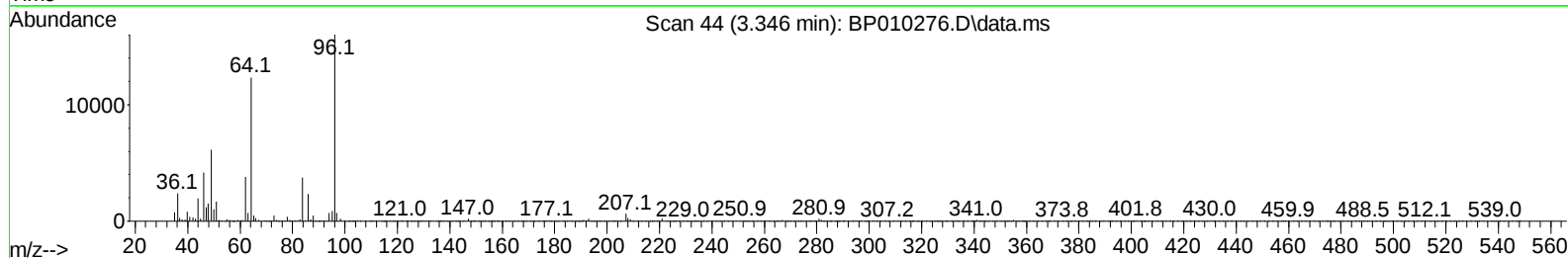
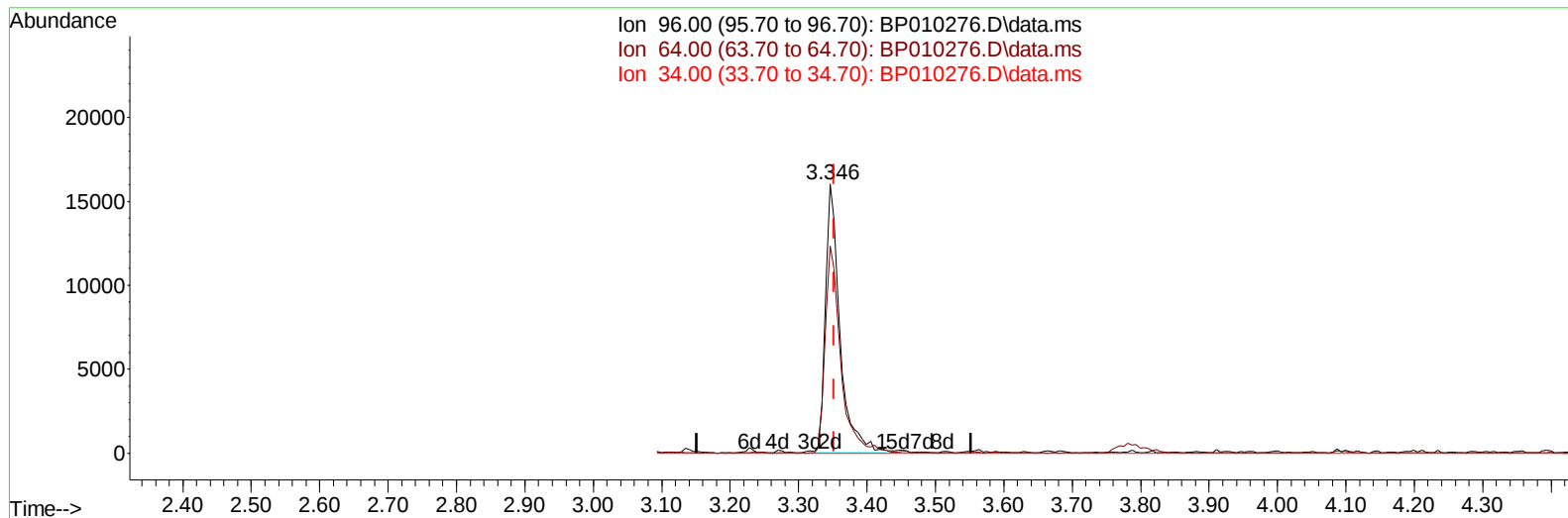
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
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TIC: BP010276.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.346min (-0.006) 9.03 ng/uL m

response 23497

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	76.96#
34.00	0.00	0.00
0.00	0.00	0.00

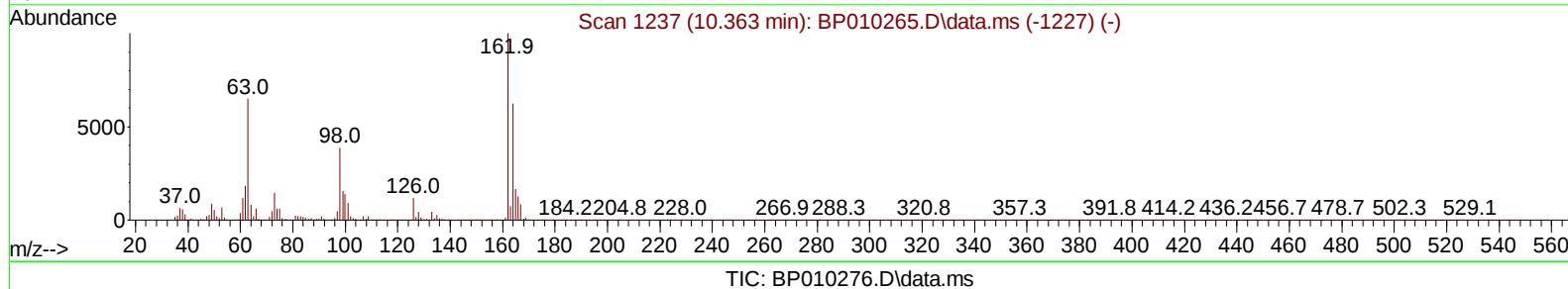
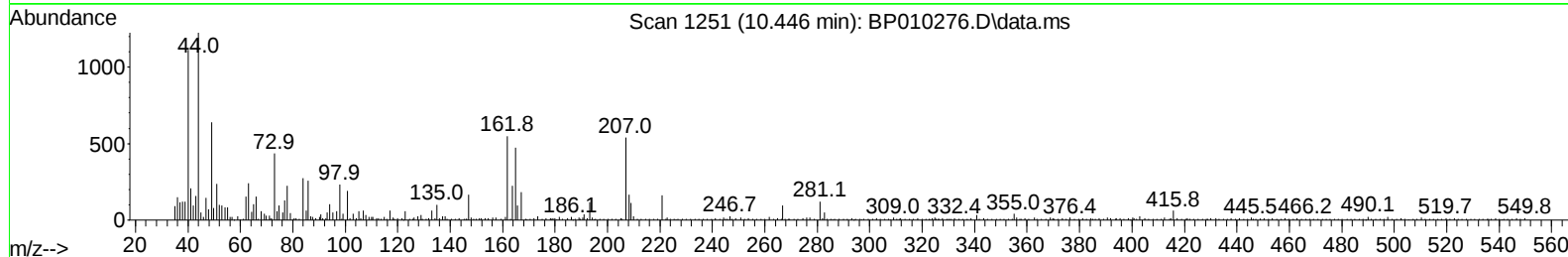
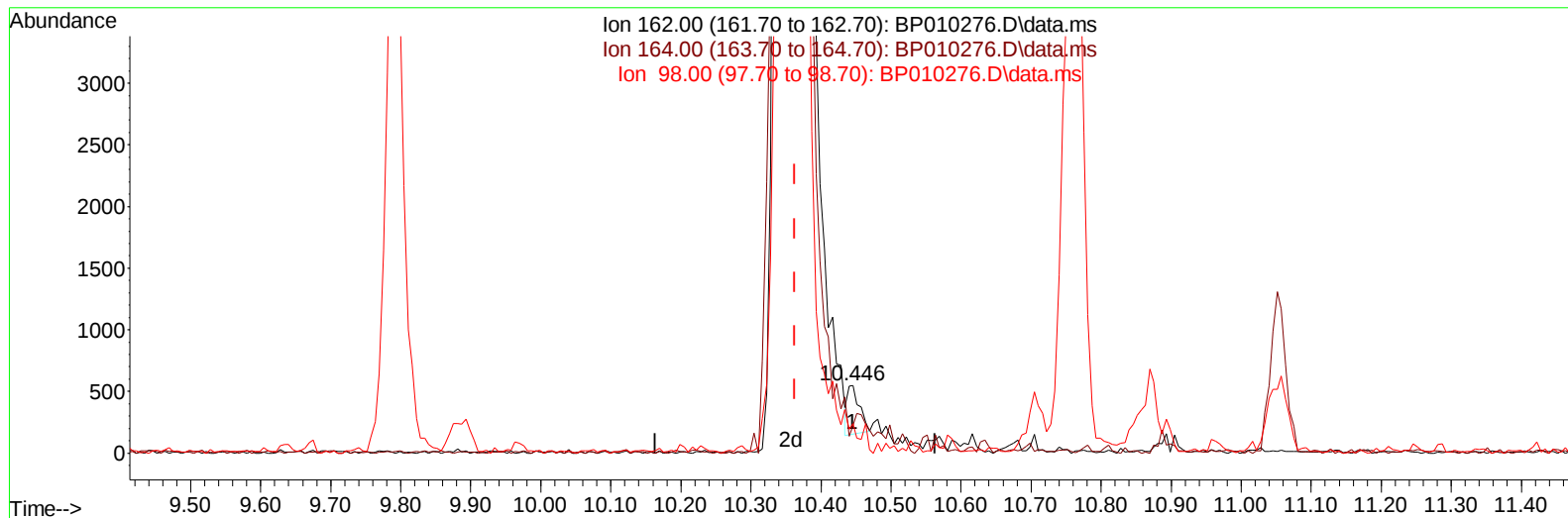
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010276.D
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Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 11 01:20:03 2022
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(29) 2,4-Dichlorophenol (C)

10.446min (+ 0.083) 0.06 ng/u1

response 470

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	46.30	41.17
98.00	38.80	43.90
0.00	0.00	0.00

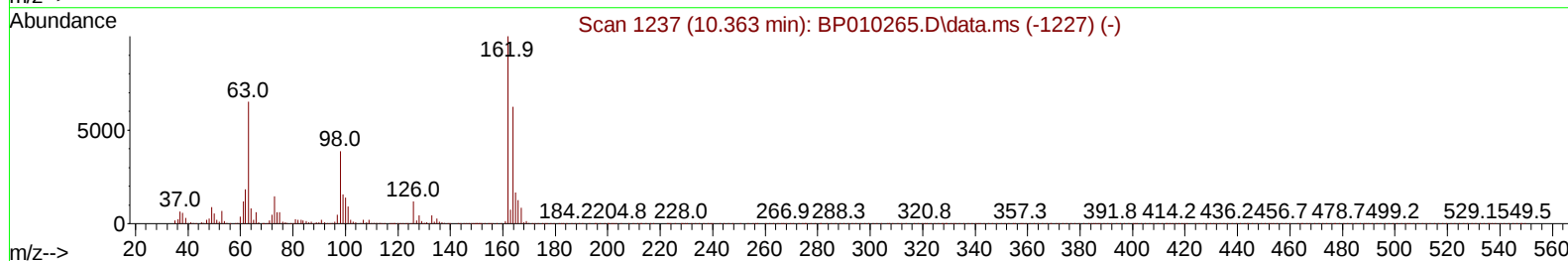
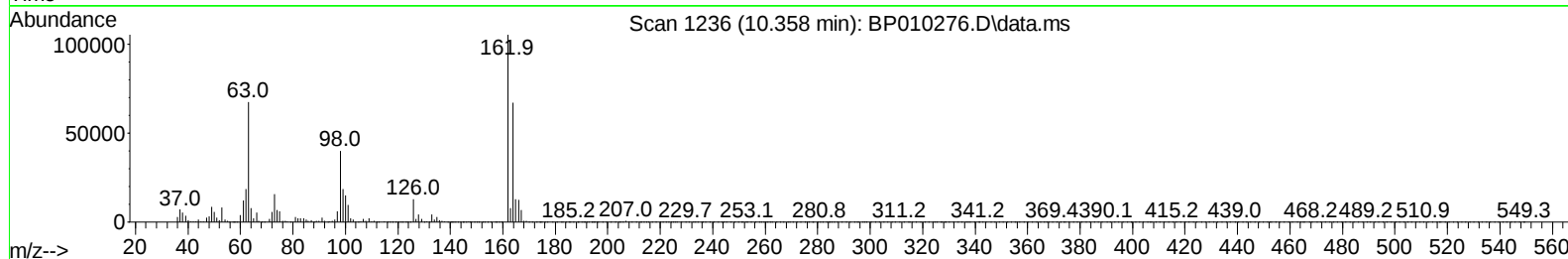
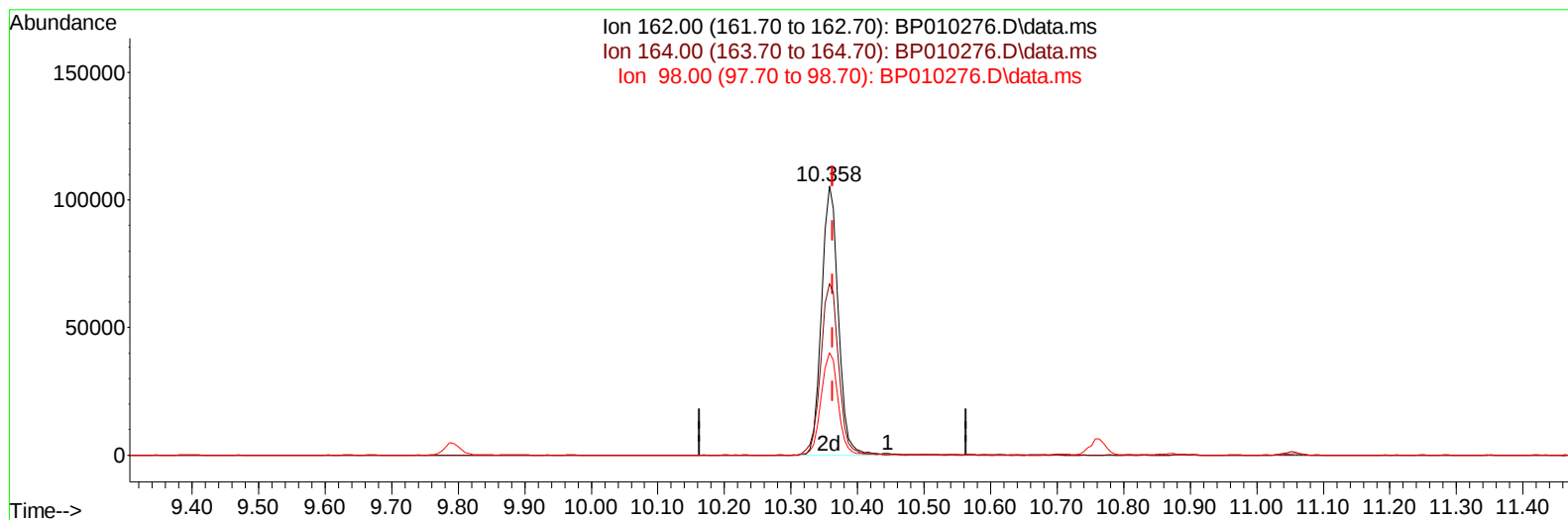
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
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TIC: BP010276.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.358min (-0.006) 22.44 ng/ul m

response 184437

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	46.30	63.78#
98.00	38.80	37.98
0.00	0.00	0.00

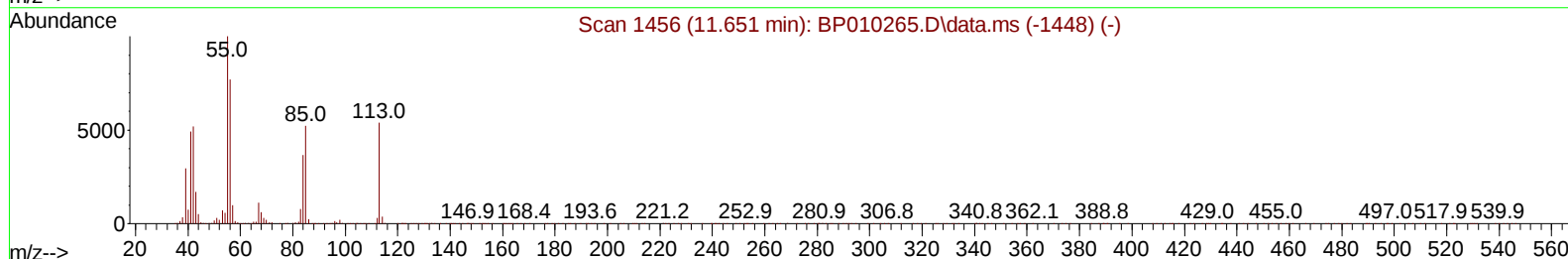
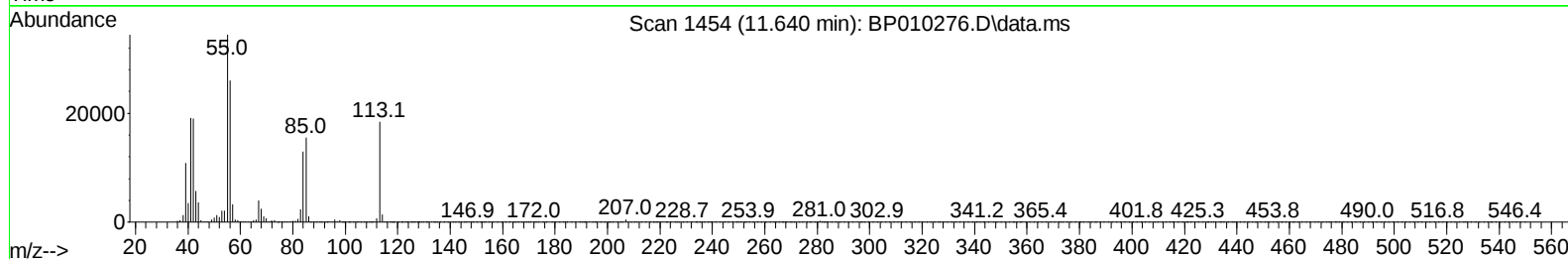
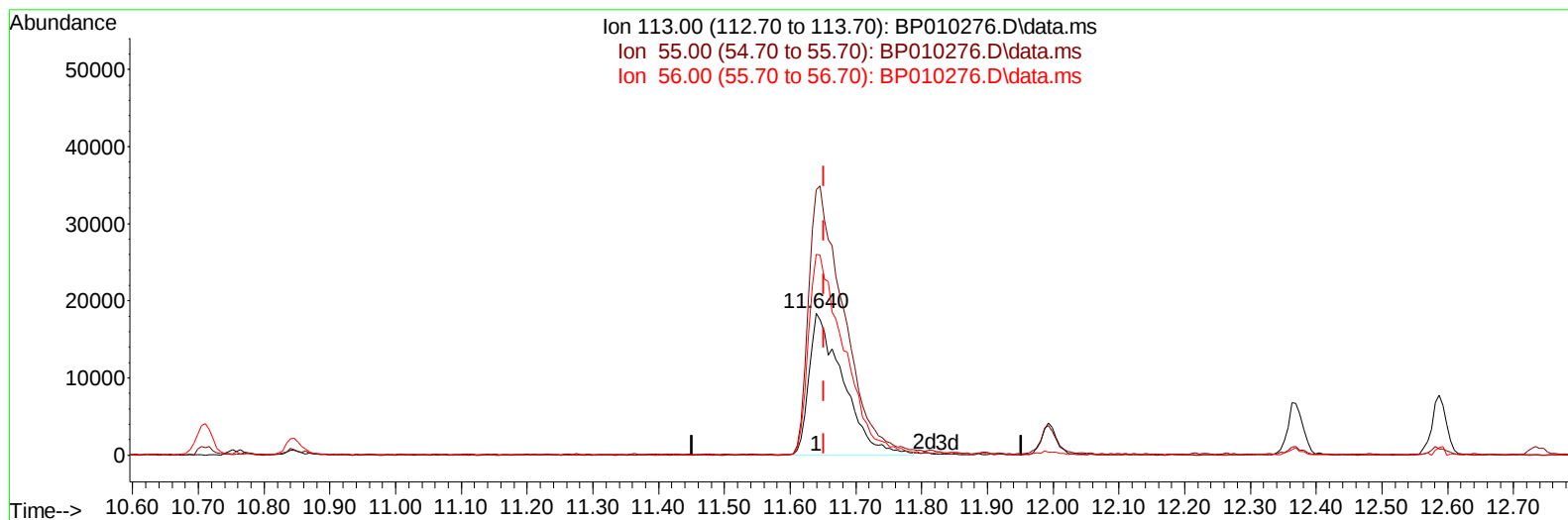
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
 Data File : BP010276.D
 Acq On : 10 May 2022 21:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP010276.D\data.ms

(34) Caprolactam

11.640min (-0.012) 21.03 ng/ul m

response 65864

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	187.26#
56.00	85.80	141.50#
0.00	0.00	0.00

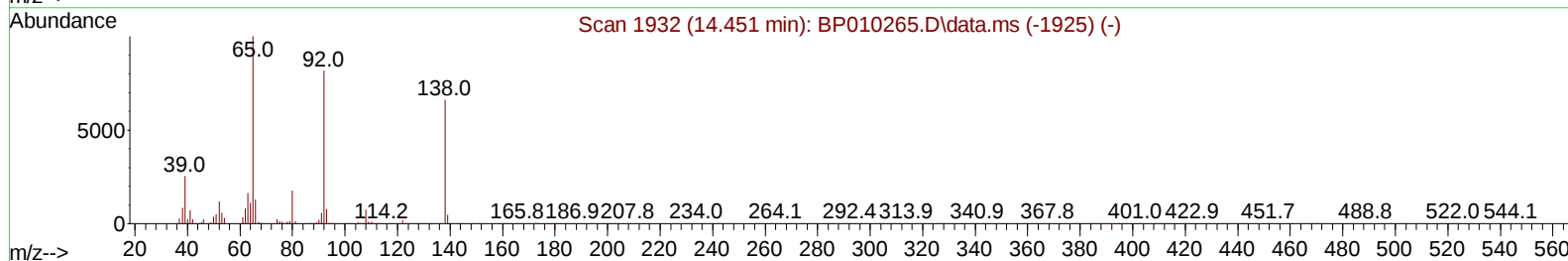
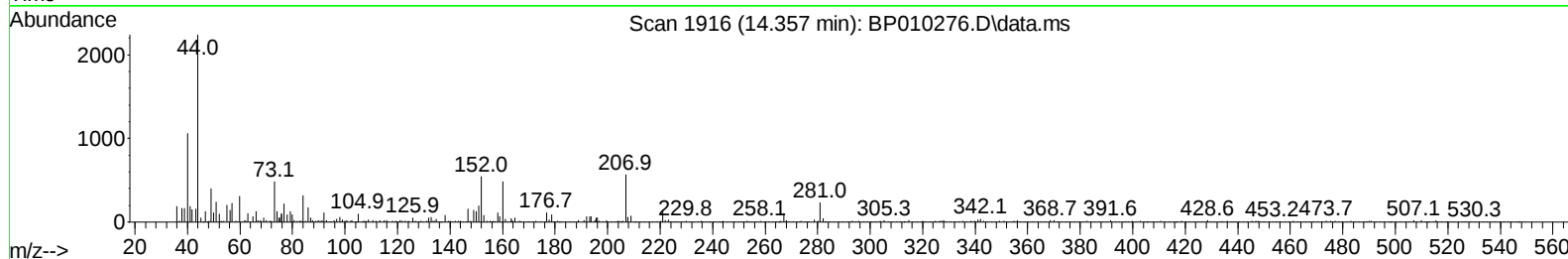
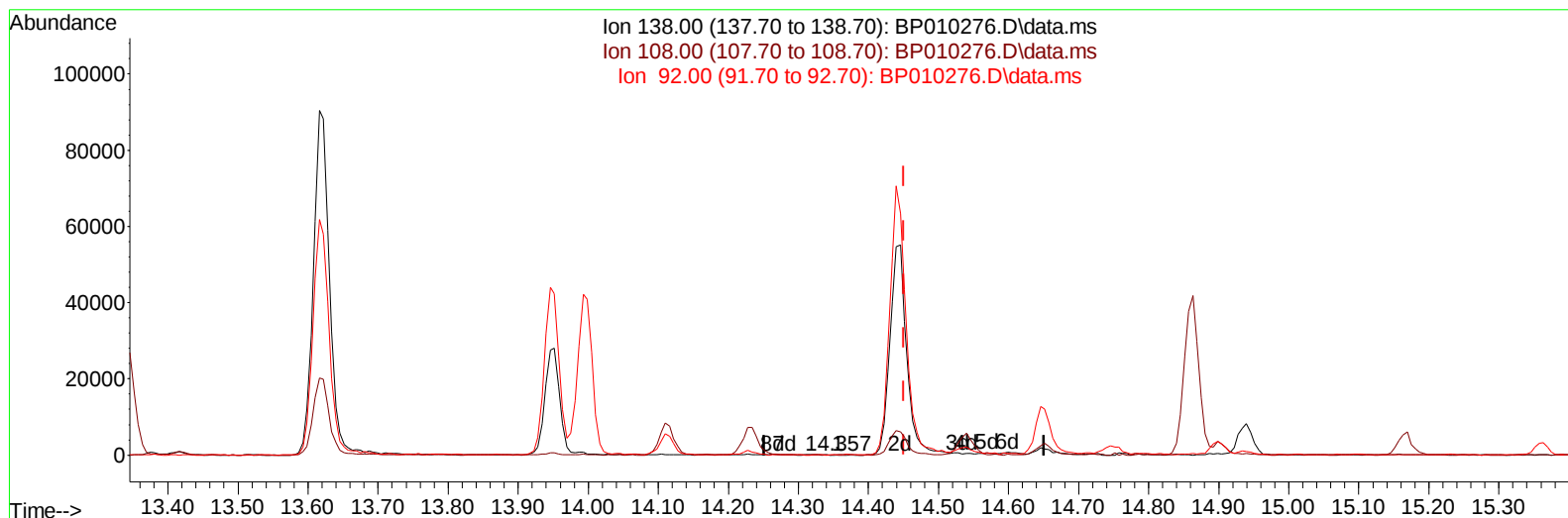
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
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 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
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TIC: BP010276.D\data.ms

(51) 3-Nitroaniline

14.357min (-0.094) 0.02 ng/ul

response 97

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	19.80	16.87
92.00	146.40	134.94
0.00	0.00	0.00

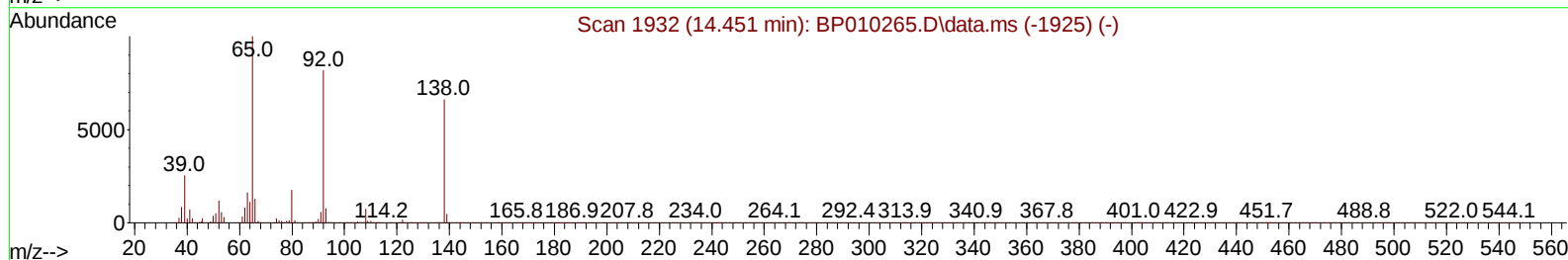
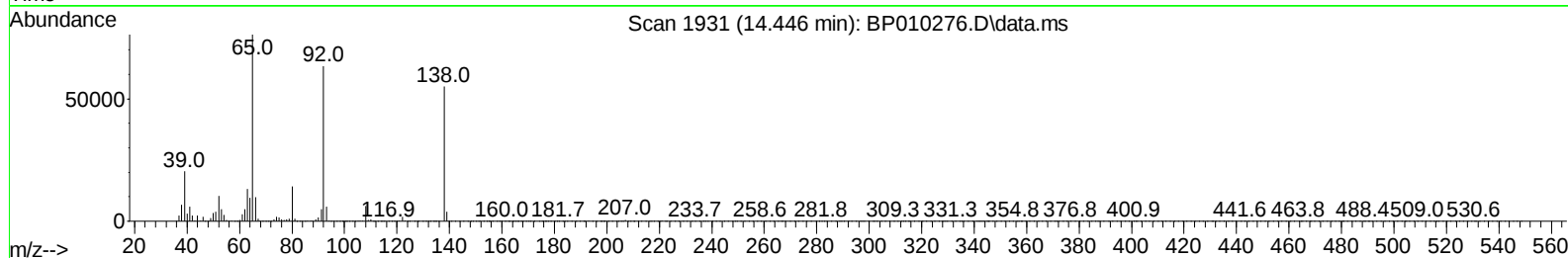
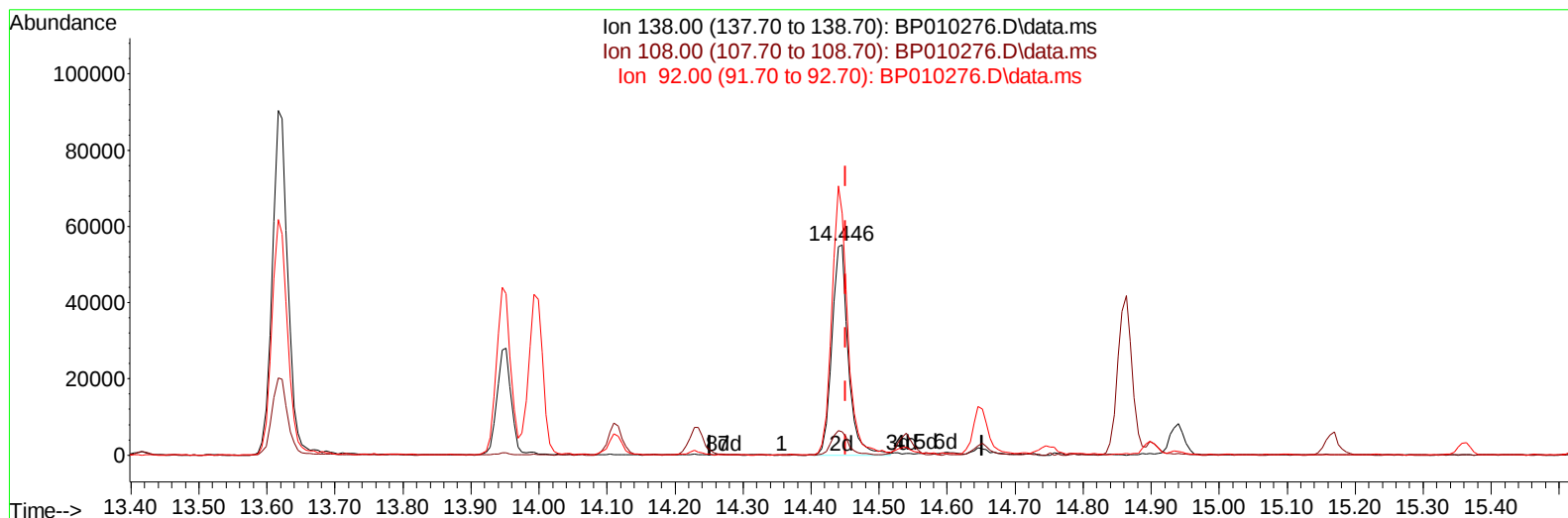
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
 Data File : BP010276.D
 Acq On : 10 May 2022 21:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
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 Supervised By :mohammad ahmed 05/12/2022



TIC: BP010276.D\data.ms

(51) 3-Nitroaniline

14.446min (-0.006) 18.28 ng/ul m

response 92042

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	19.80	11.11#
92.00	146.40	115.05#
0.00	0.00	0.00

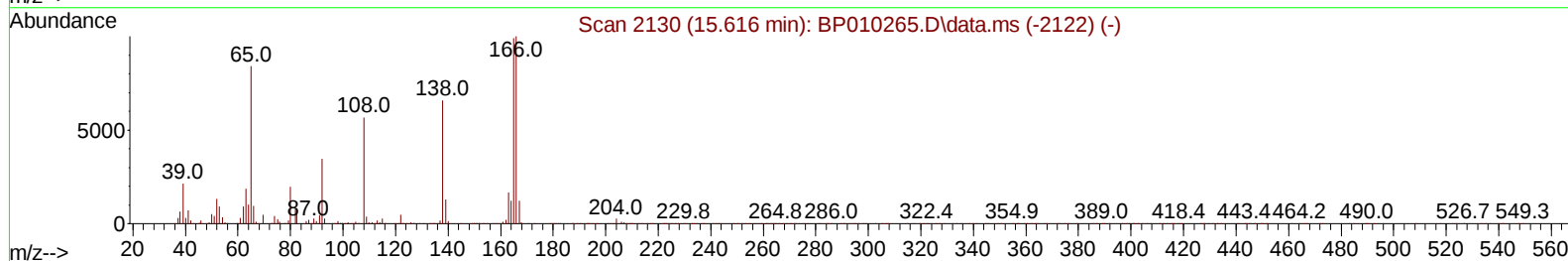
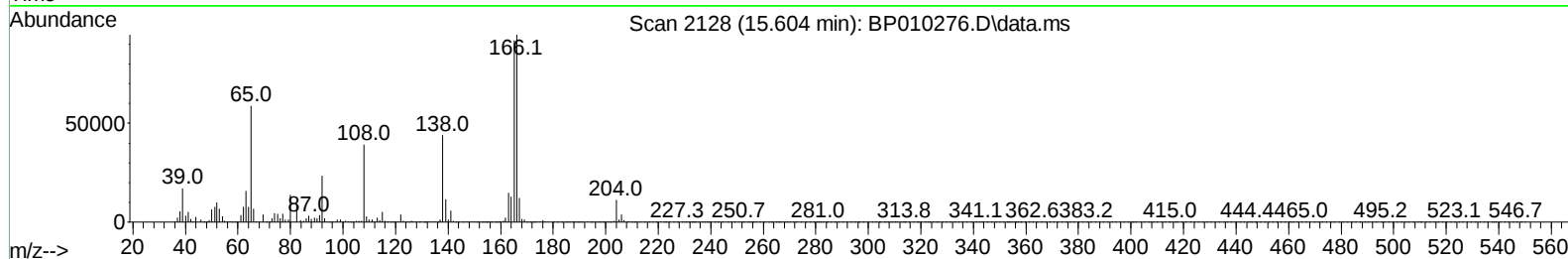
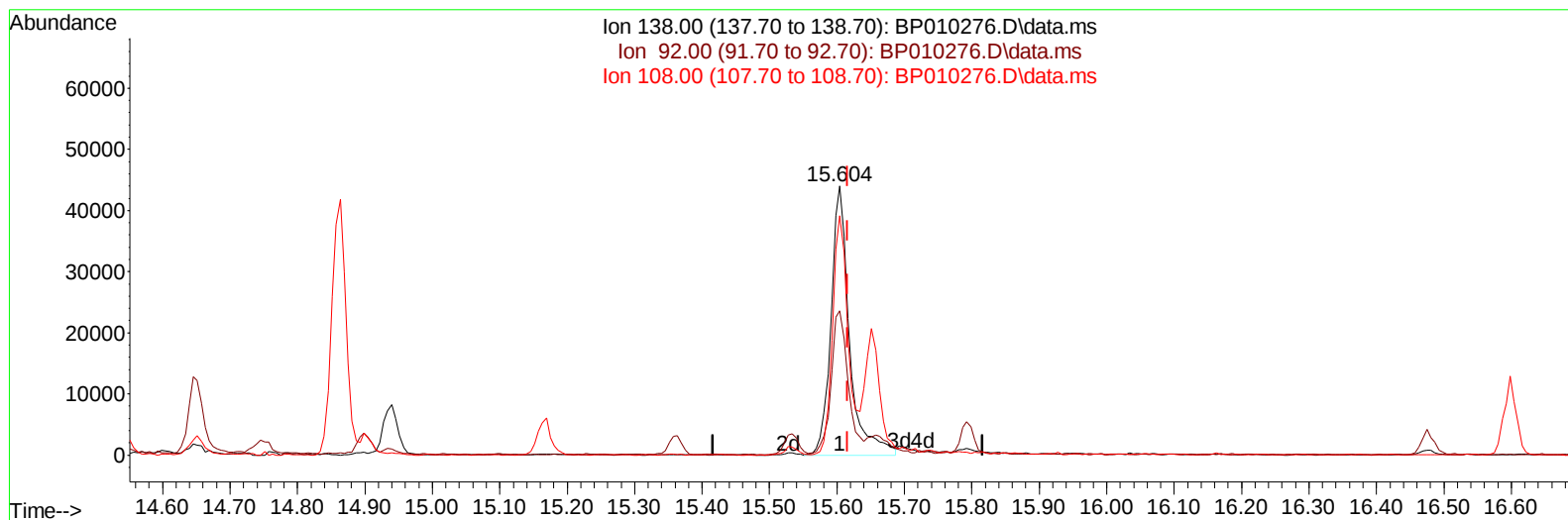
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 Acq On : 10 May 2022 21:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP010276.D\data.ms

(63) 4-Nitroaniline

15.604min (-0.012) 16.84 ng/ul

response 83782

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	53.62
108.00	122.00	89.09#
0.00	0.00	0.00

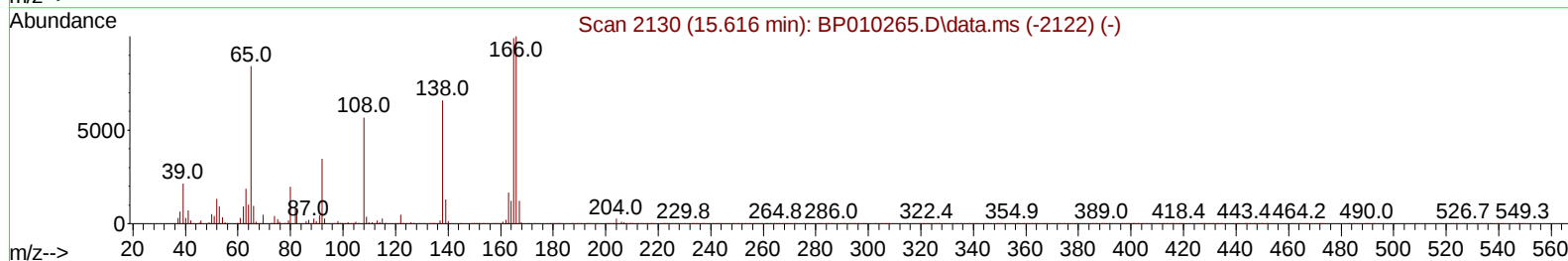
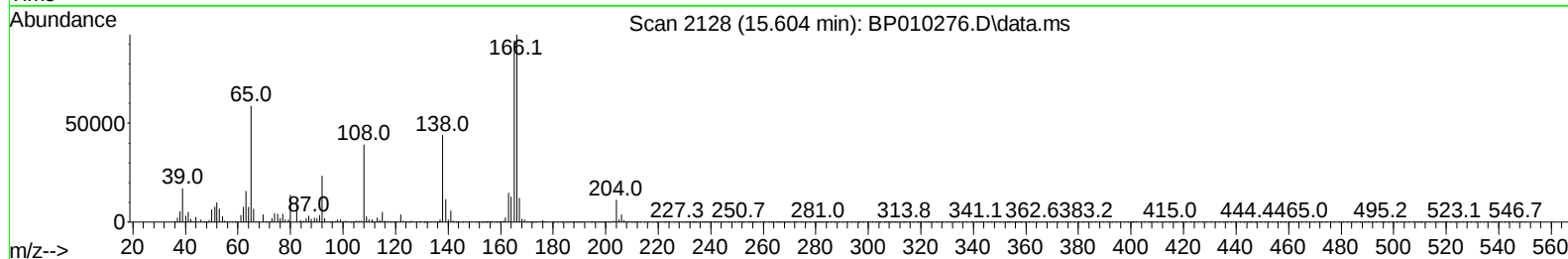
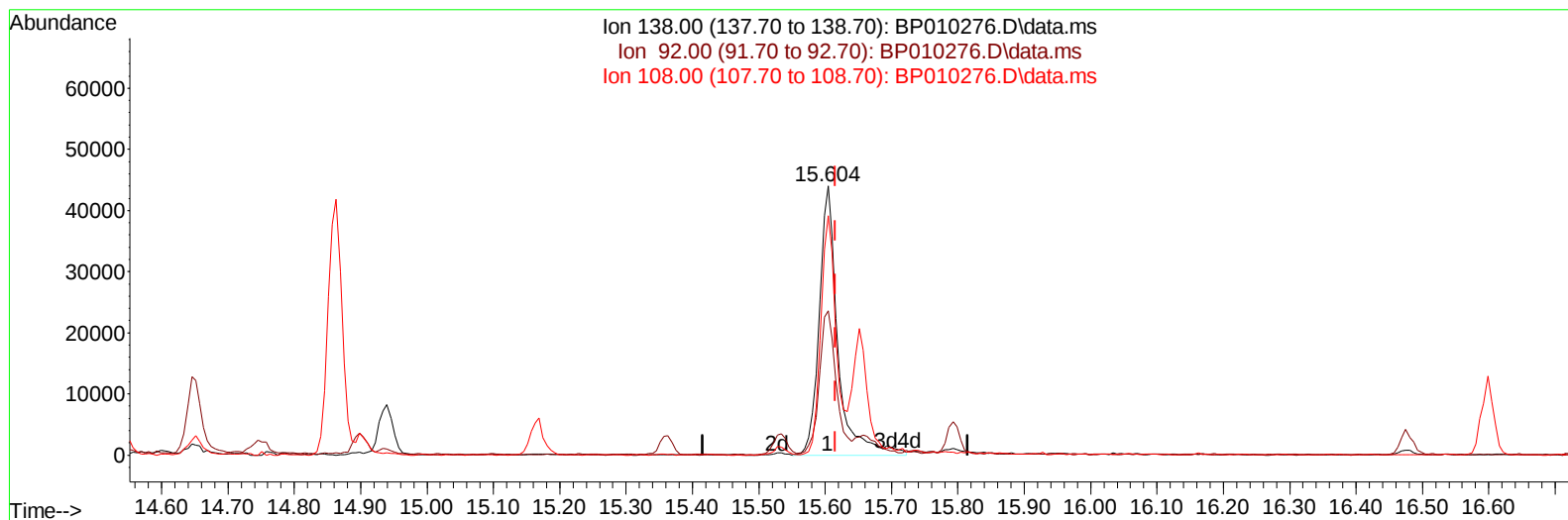
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 Data File : BP010276.D
 Acq On : 10 May 2022 21:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 11 01:20:03 2022
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TIC: BP010276.D\data.ms

(63) 4-Nitroaniline

15.604min (-0.012) 17.26 ng/ul m

response 85879

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	53.62
108.00	122.00	89.09#
0.00	0.00	0.00

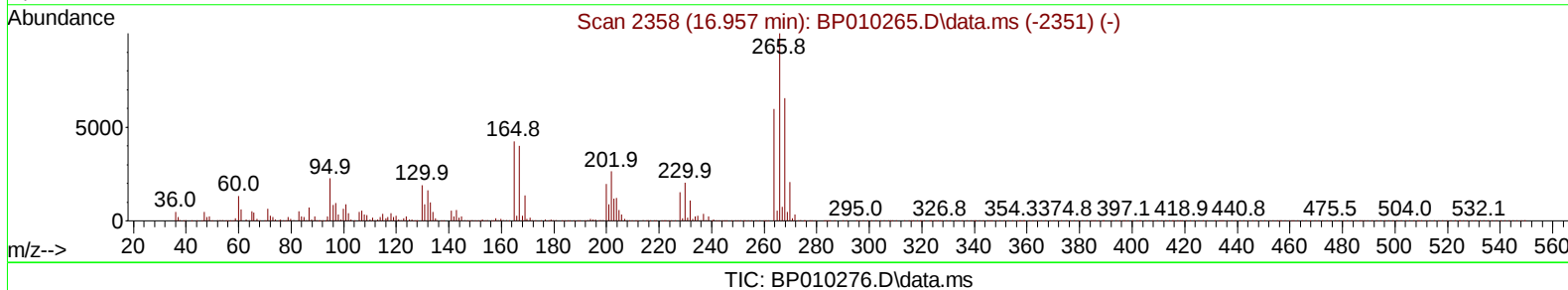
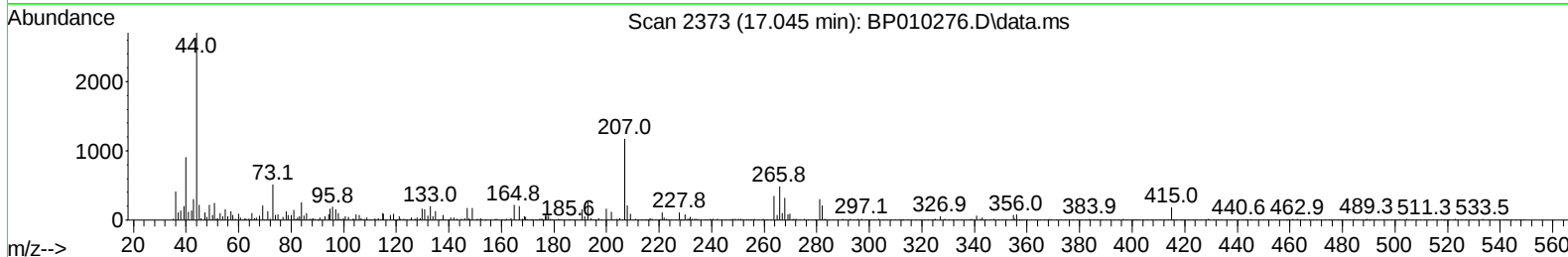
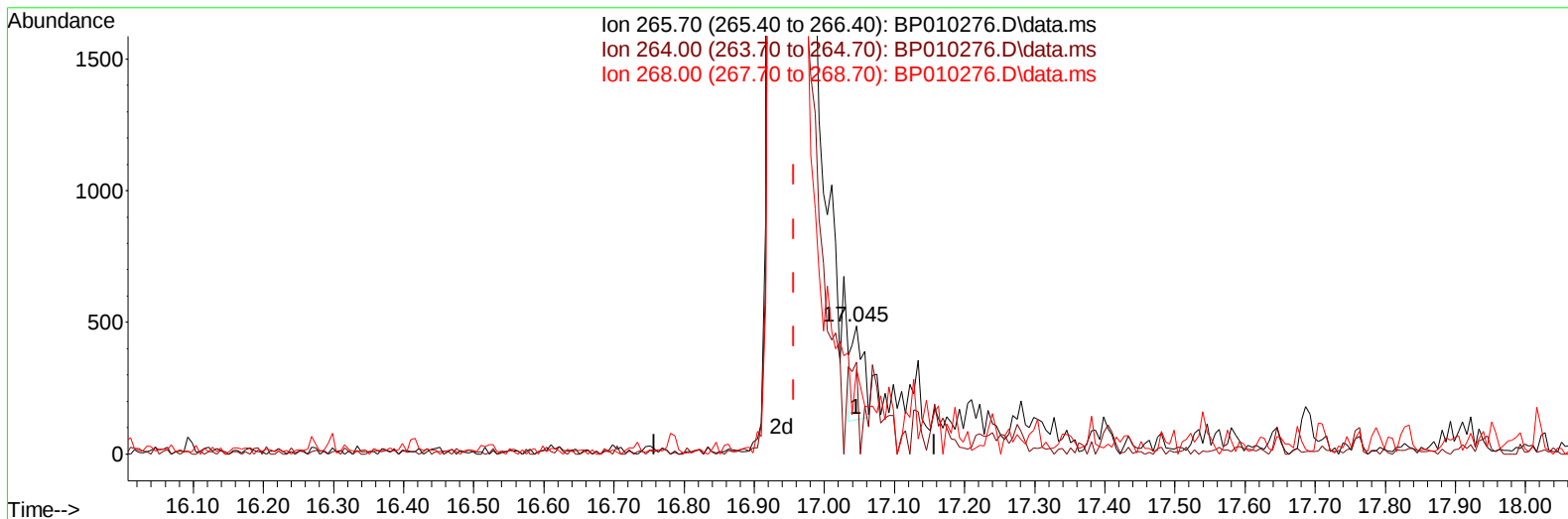
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Manual IntegrationsAPPROVED

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(71) Pentachlorophenol (C)

17.045min (+ 0.088) 0.06 ng/u1

response 403

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.60	71.81
268.00	82.10	66.46
0.00	0.00	0.00

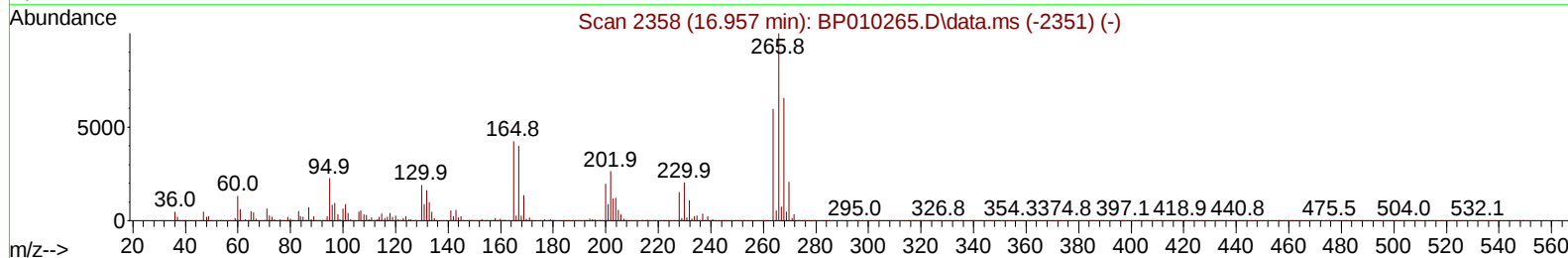
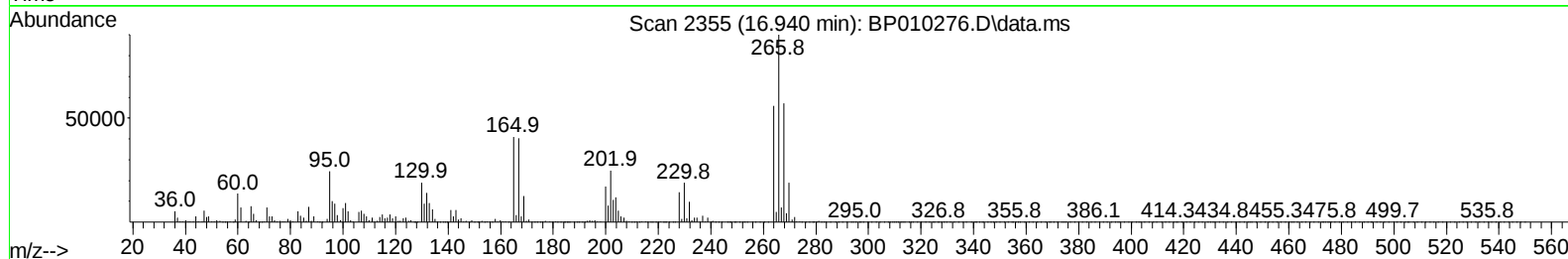
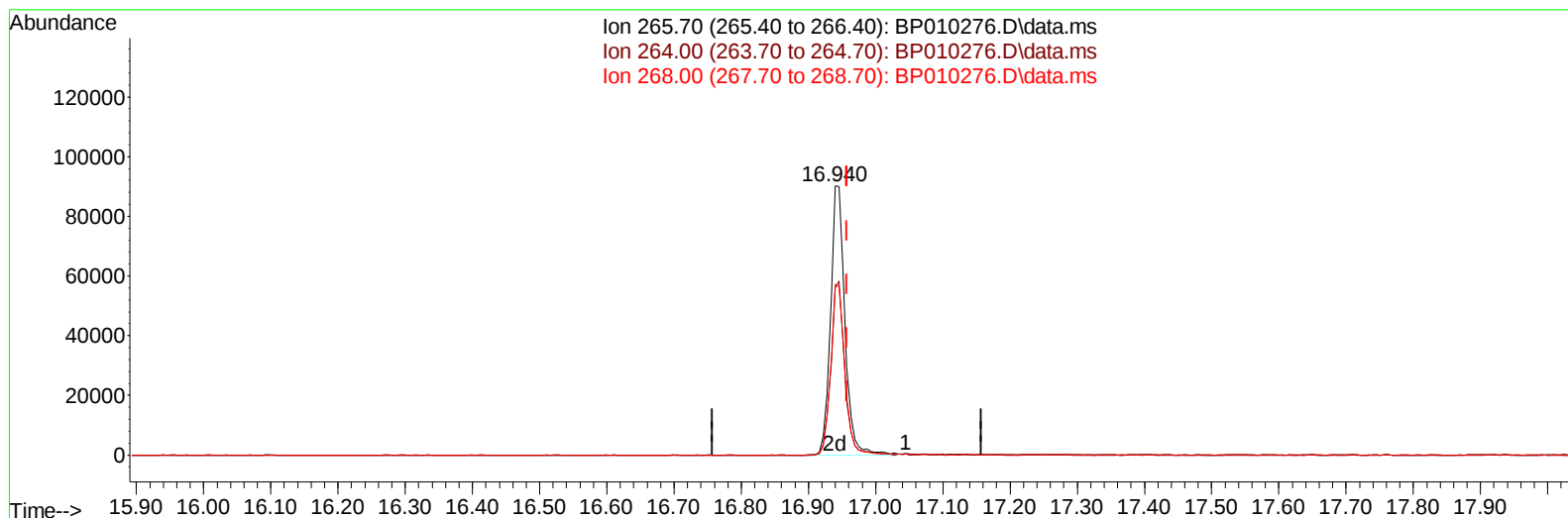
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TIC: BP010276.D\data.ms

(71) Pentachlorophenol (C)

16.940min (-0.017) 20.79 ng/ul m

response 135593

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.60	62.11
268.00	82.10	63.52#
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	7.911	152	110508	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	505711	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.540	164	364850	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.292	188	804095	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.375	240	852193	20.000	ng/ul	#-0.01
88) Perylene-d12	23.810	264	854613	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	23497m	9.033	ng/uL	0.00
4) Pyridine-d5	3.764	84	159172	21.989	ng/ul	0.00
7) Phenol-d5	7.069	99	221304	21.562	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.234	67	143063	22.531	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	169634	22.441	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	184833	21.904	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	89840	22.156	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	99072	21.429	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	190133	22.595	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	277408	22.331	ng/ul	-0.01
46) Dimethylphthalate-d6	13.951	166	637836	21.944	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	762253	21.996	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	114431	20.524	ng/ul	-0.01
60) Fluorene-d10	15.534	176	537637	21.913	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.651	200	113314	20.579	ng/ul	-0.01
73) Anthracene-d10	17.392	188	869549	22.083	ng/ul	-0.01
81) Pyrene-d10	19.622	212	1070425	22.730	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.651	264	1042946	22.883	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	24272	9.129	ng/ul#	13
5) Pyridine	3.787	79	164969	21.743	ng/ul#	37
6) Benzaldehyde	7.046	77	147482	26.002	ng/ul	92
8) Phenol	7.099	94	223524	21.601	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.328	93	181170	22.374	ng/ul#	73
12) 2-Chlorophenol	7.469	128	169342	22.306	ng/ul	97
13) 2-Methylphenol	8.352	108	174184	22.177	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	293523	23.045	ng/ul#	83
16) Acetophenone	8.734	105	296967	22.515	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.716	70	160254	23.258	ng/ul#	74
18) 4-Methylphenol	8.681	108	192229	22.370	ng/ul	95
19) Hexachloroethane	8.993	117	71393	22.057	ng/ul	82
22) Nitrobenzene	9.111	77	225340	21.892	ng/ul#	83
23) Isophorone	9.640	82	439956	21.824	ng/ul#	97
25) 2-Nitrophenol	9.822	139	104912	22.089	ng/ul#	85
26) 2,4-Dimethylphenol	9.887	107	222633	21.954	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.116	93	260802	22.045	ng/ul#	98
29) 2,4-Dichlorophenol	10.358	162	184437m	22.438	ng/ul	
30) Naphthalene	10.758	128	595716	22.077	ng/ul	97
32) 4-Chloroaniline	10.869	127	275565	22.228	ng/ul	97
33) Hexachlorobutadiene	11.052	225	122950	21.841	ng/ul	99
34) Caprolactam	11.640	113	65864m	21.030	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	220687	22.312	ng/ul#	71

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
 Data File : BP010276.D
 Acq On : 10 May 2022 21:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 11 01:20:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 15:59:46 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/11/2022
 Supervised By :mohammad ahmed 05/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	424758	22.233	ng/ul	92
37) 1-Methylnaphthalene	12.587	142	433236	22.307	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.740	216	245534	21.891	ng/ul	93
40) Hexachlorocyclopentadiene	12.722	237	135445	21.663	ng/ul	95
41) 2,4,6-Trichlorophenol	12.975	196	160681	21.844	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.052	196	174103	21.718	ng/ul	86
43) 1,1'-Biphenyl	13.375	154	594996	21.830	ng/ul#	93
44) 2-Chloronaphthalene	13.416	162	462639	21.915	ng/ul	93
45) 2-Nitroaniline	13.616	65	157198	21.996	ng/ul#	75
47) Dimethylphthalate	13.999	163	614211	21.779	ng/ul#	91
48) 2,6-Dinitrotoluene	14.110	165	126757	22.028	ng/ul	96
50) Acenaphthylene	14.257	152	764932	22.065	ng/ul	96
51) 3-Nitroaniline	14.446	138	92042m	18.282	ng/ul	
52) Acenaphthene	14.604	153	492365	21.939	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	70933	18.838	ng/ul#	79
55) 4-Nitrophenol	14.751	109	97604	20.642	ng/ul#	45
56) Dibenzofuran	14.940	168	719165	21.900	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	187966	22.327	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.163	232	156526	21.998	ng/ul#	84
59) Diethylphthalate	15.357	149	630792	21.667	ng/ul	93
61) Fluorene	15.587	166	600075	22.062	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.581	204	309766	22.030	ng/ul	96
63) 4-Nitroaniline	15.604	138	85879m	17.262	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.669	198	112093	20.896	ng/ul#	90
67) N-Nitrosodiphenylamine	15.793	169	522671	22.112	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	186334	21.938	ng/ul	95
69) Hexachlorobenzene	16.598	284	215574	21.944	ng/ul#	89
70) Atrazine	16.751	200	205451	21.515	ng/ul	91
71) Pentachlorophenol	16.940	266	135593m	20.794	ng/ul	
72) Phenanthrene	17.334	178	986816	22.259	ng/ul	99
74) Anthracene	17.428	178	992282	22.068	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.346	216	258574	21.978	ng/uL#	86
76) Pentachlorobenzene	14.863	250	249020	22.138	ng/uL	88
77) Carbazole	17.692	167	884083	21.792	ng/ul#	96
78) Di-n-butylphthalate	18.245	149	1088013	21.220	ng/ul#	93
80) Fluoranthene	19.298	202	1192631	22.273	ng/ul	97
82) Pyrene	19.651	202	1252042	22.591	ng/ul#	94
83) Butylbenzylphthalate	20.522	149	507529	21.502	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.286	252	384417	21.105	ng/ul#	96
85) Benzo(a)anthracene	21.357	228	1221183	21.920	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.280	149	766020	21.511	ng/ul#	80
87) Chrysene	21.410	228	1203469	21.797	ng/ul	99
89) Di-n-octyl phthalate	22.216	149	1292492	22.467	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	1323468	23.579	ng/ul	99
91) Benzo(k)fluoranthene	23.116	252	1184055	22.358	ng/ul#	97
93) Benzo(a)pyrene	23.704	252	1244396	22.887	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.345	276	1349683	22.457	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.368	278	1144176	22.268	ng/ul#	95
96) Benzo(g,h,i)perylene	27.127	276	1137854	22.417	ng/ul#	91

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

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