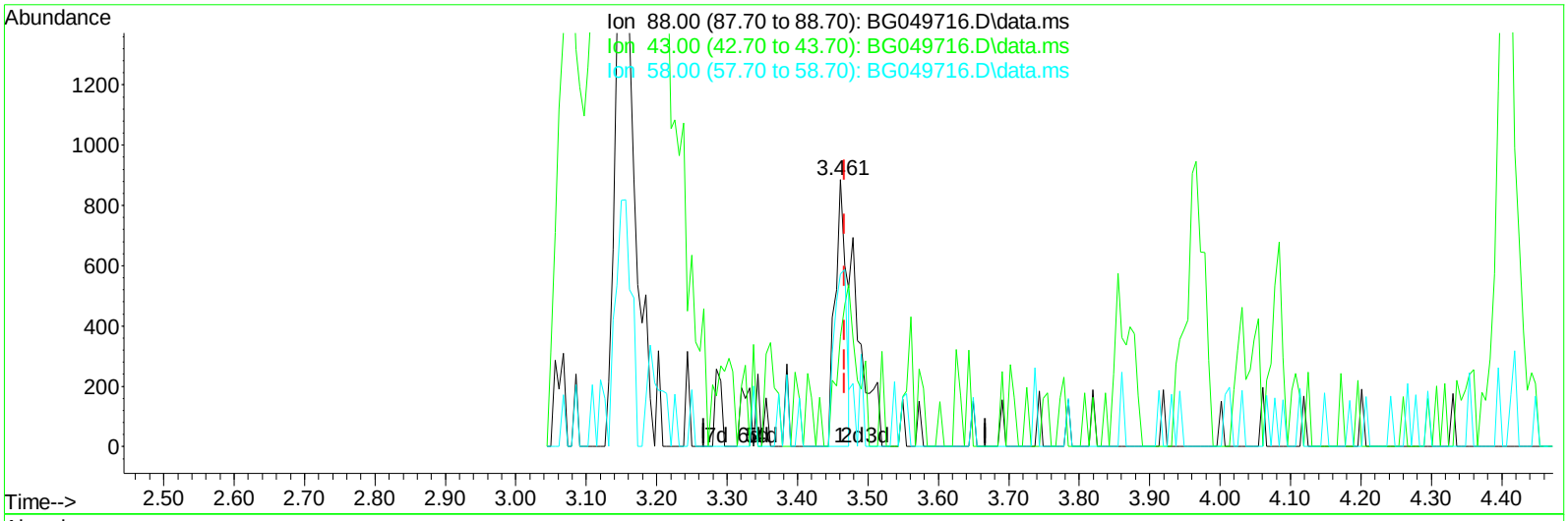
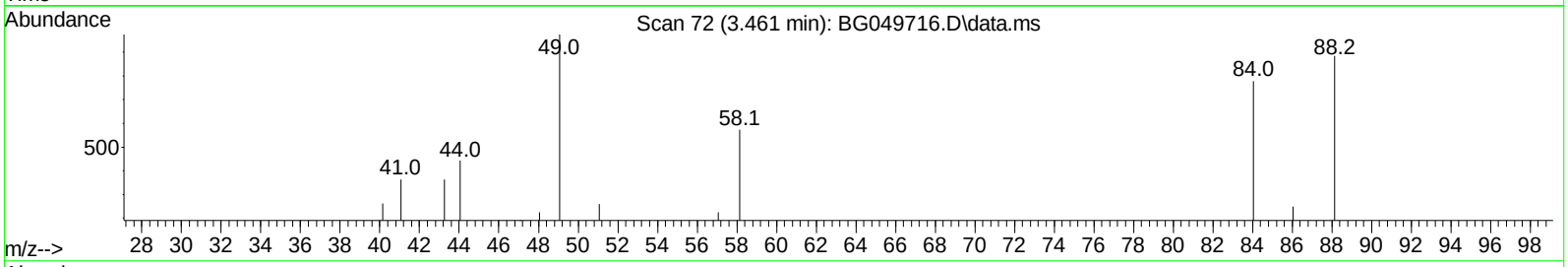
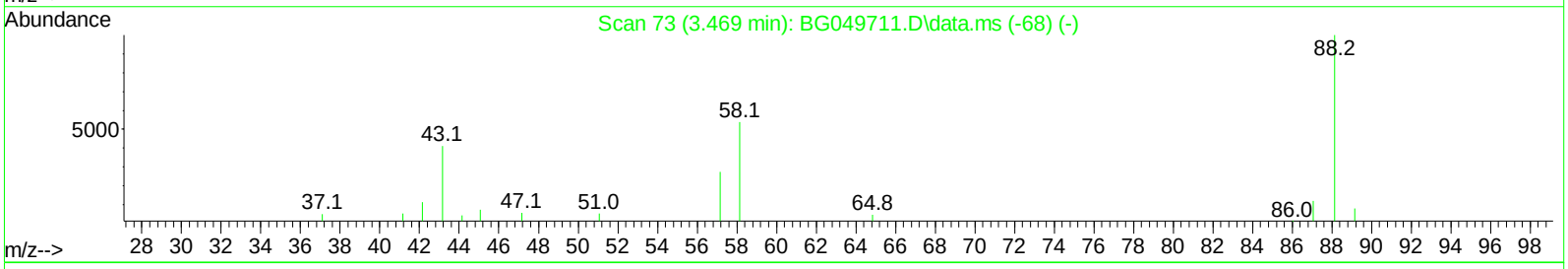
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(2) 1,4-Dioxane

3.461min (-0.006) 1.32 ng/uL

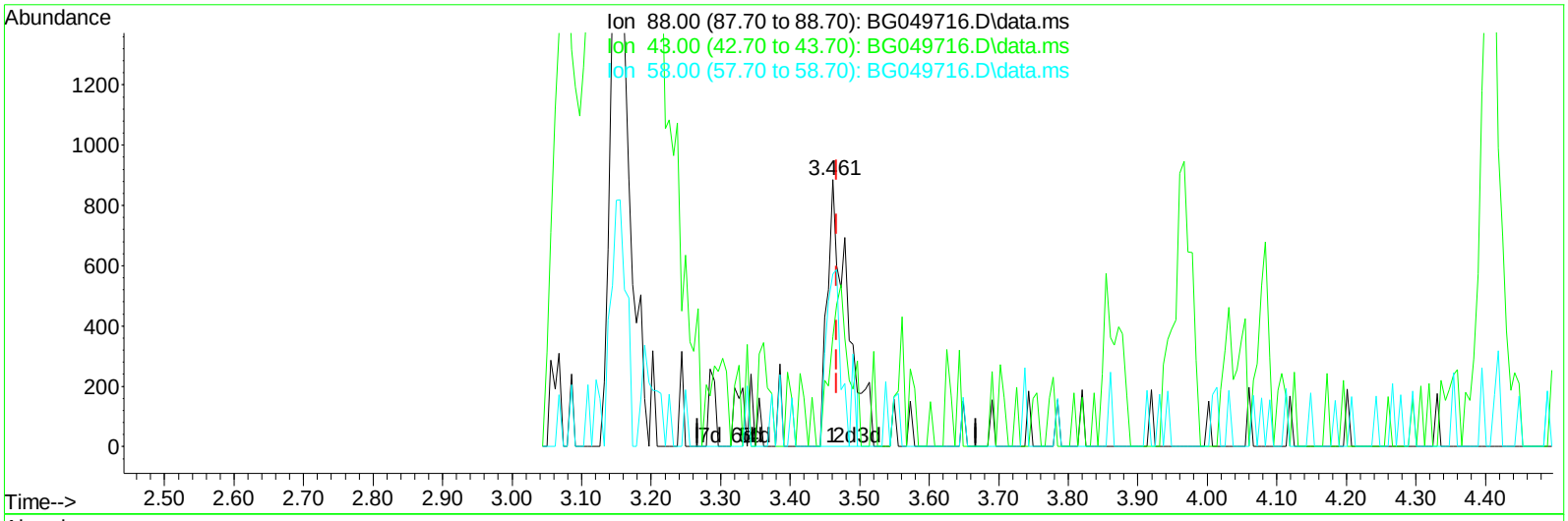
response 1043

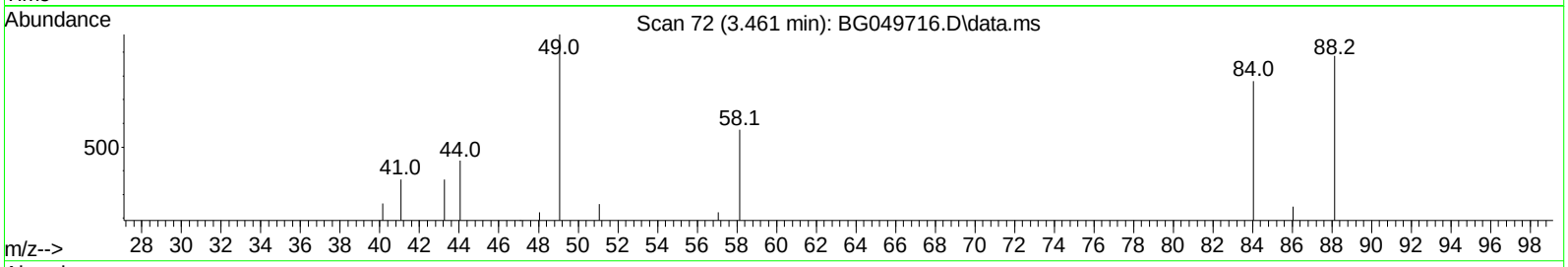
Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.80	41.02
58.00	57.40	64.63
0.00	0.00	0.00

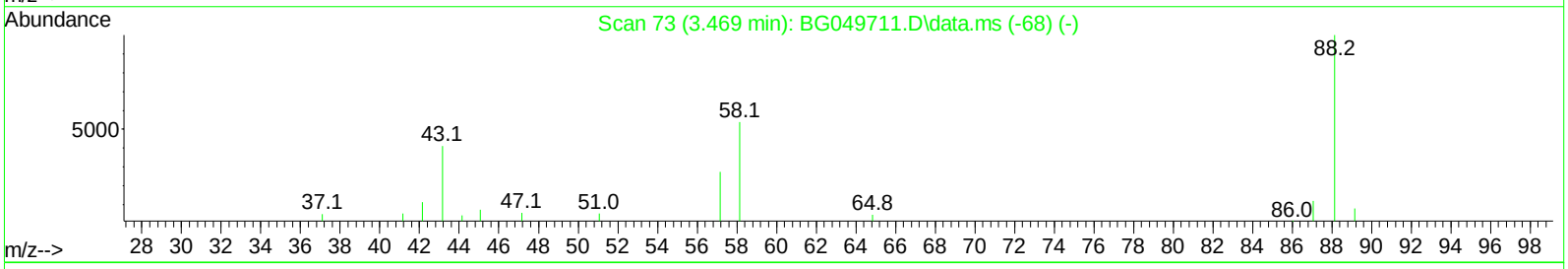
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(2) 1,4-Dioxane

3.461min (-0.006) 2.02 ng/uL m

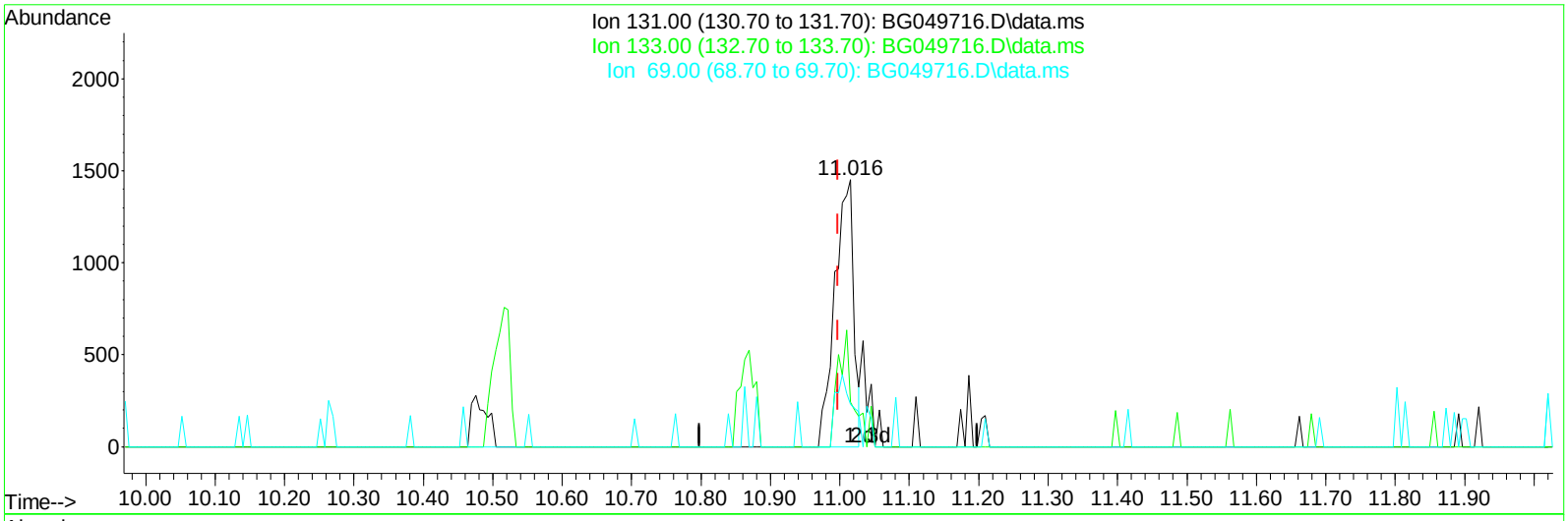
response 1594

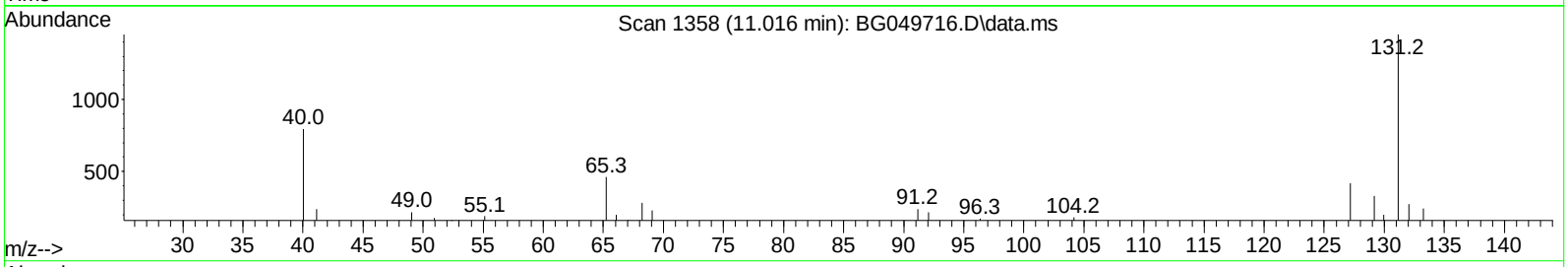
Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.80	41.02
58.00	57.40	64.63
0.00	0.00	0.00

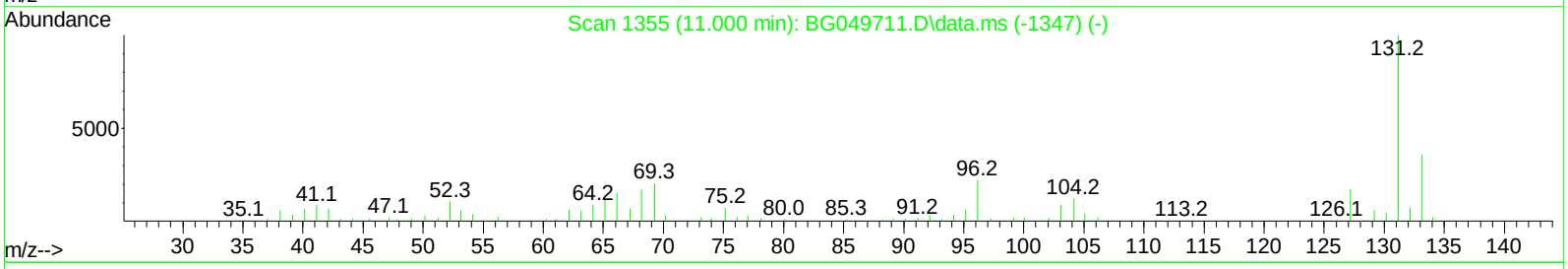
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.016min (+ 0.018) 0.93 ng/ul

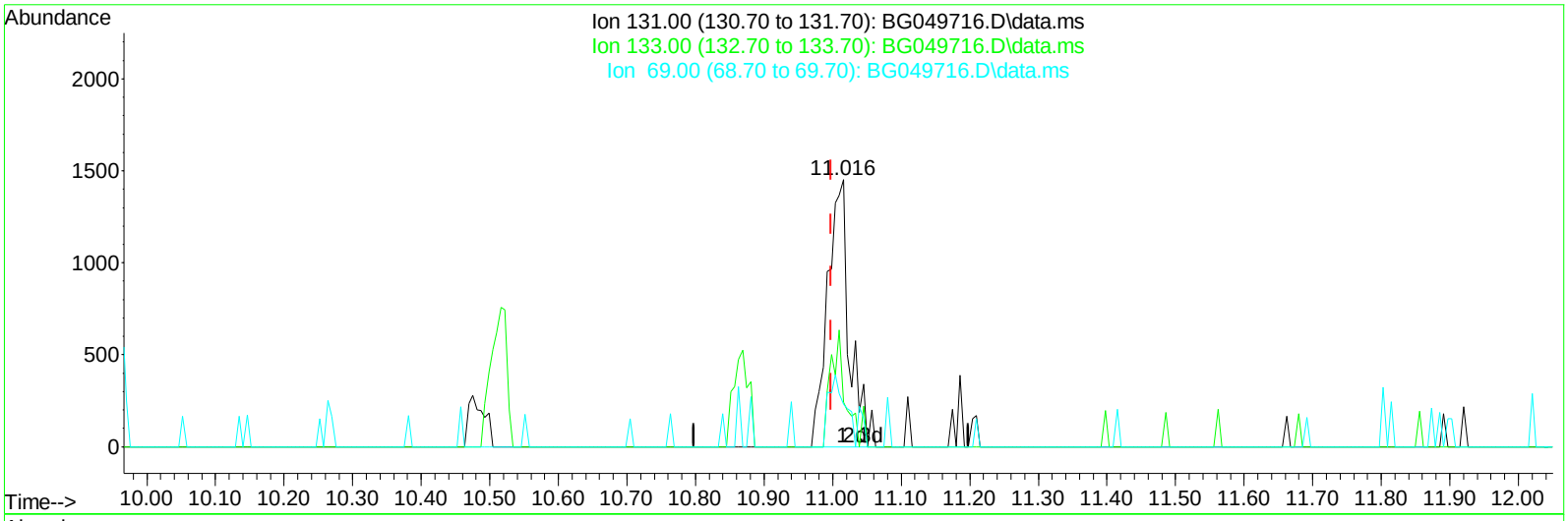
response 2757

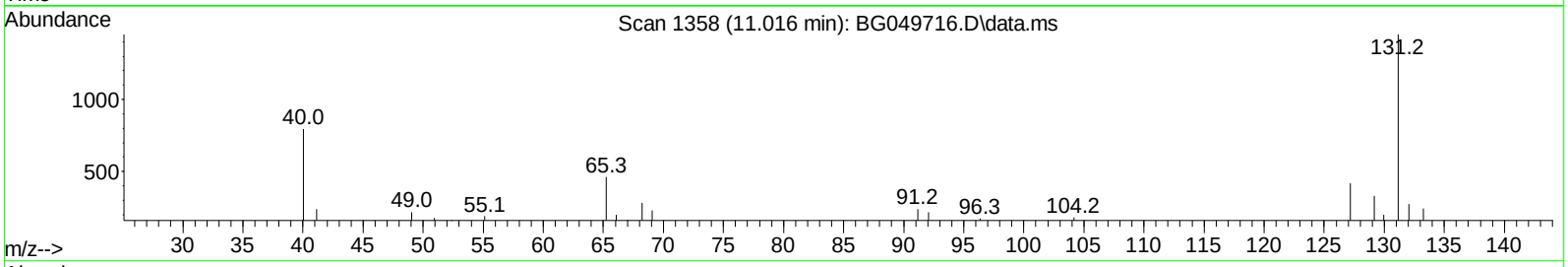
Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.70	16.68#
69.00	20.90	15.85#
0.00	0.00	0.00

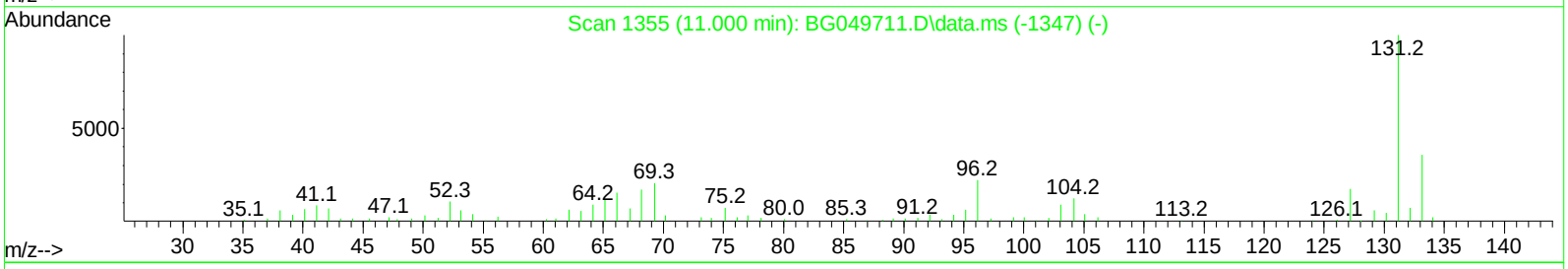
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.016min (+ 0.018) 1.06 ng/ul m

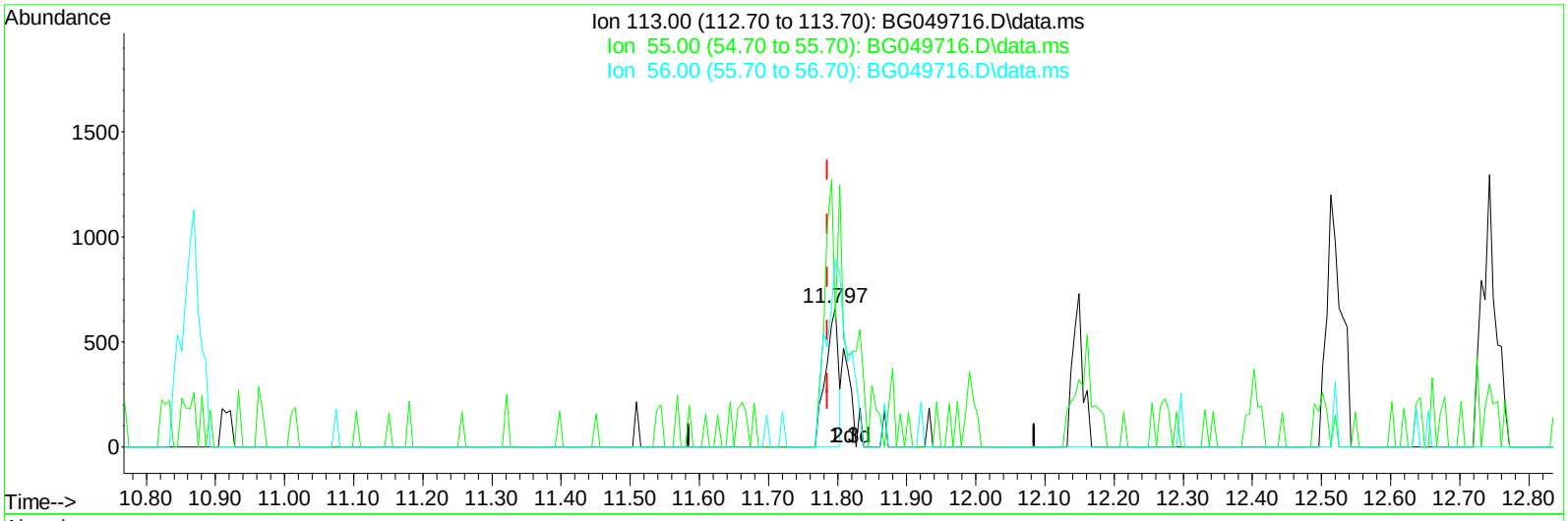
response 3146

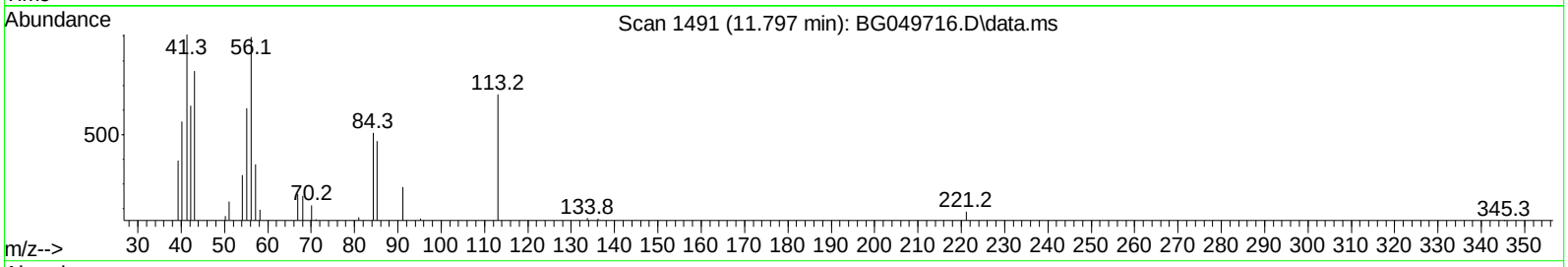
Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.70	16.68#
69.00	20.90	15.85#
0.00	0.00	0.00

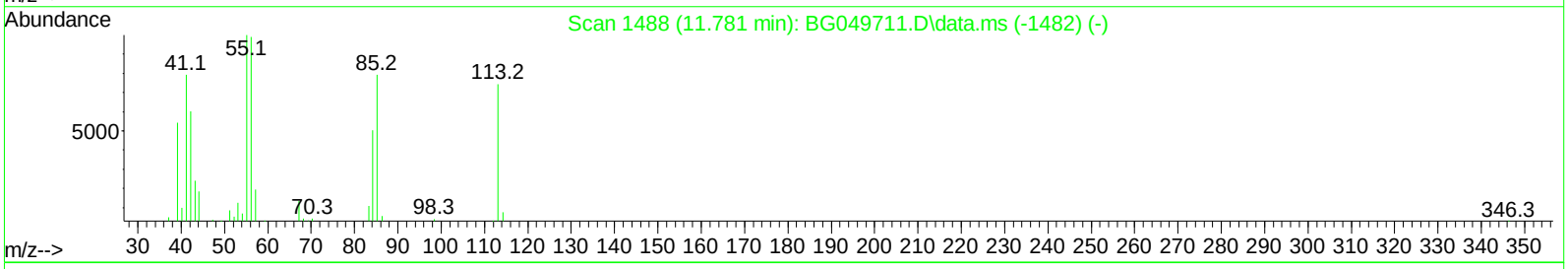
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(34) Caprolactam

11.797min (+ 0.012) 1.29 ng/ul

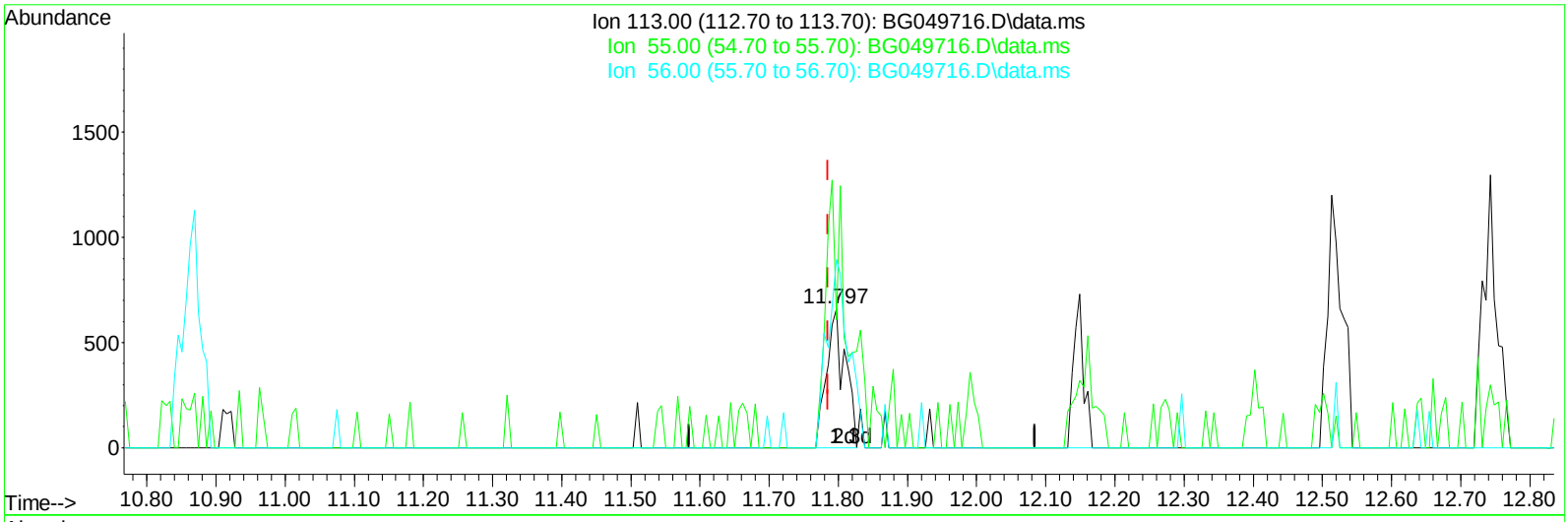
response 843

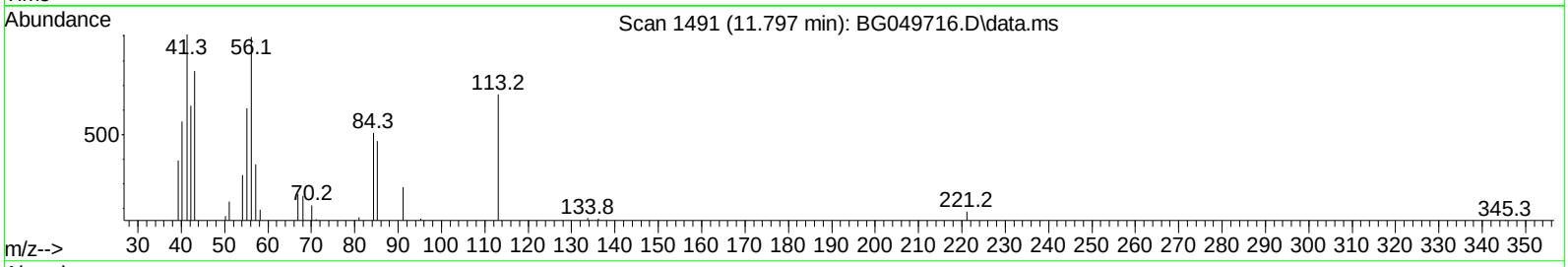
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	91.69#
56.00	125.20	135.20
0.00	0.00	0.00

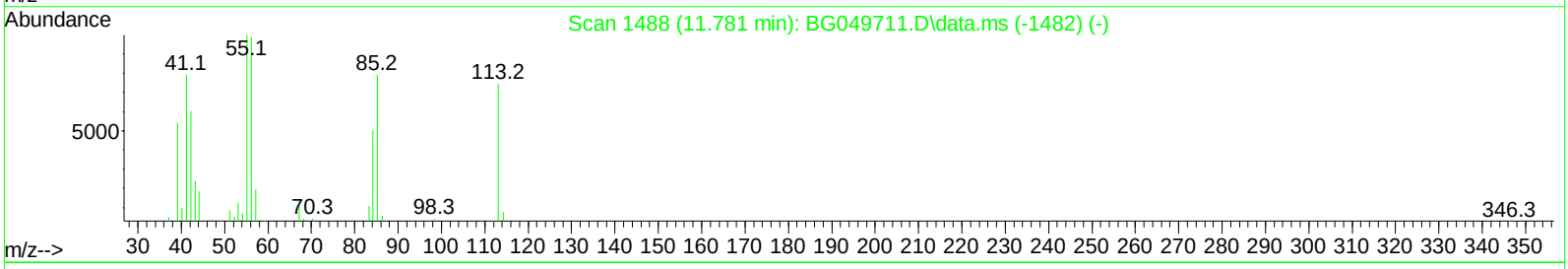
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(34) Caprolactam

11.797min (+ 0.012) 1.88 ng/ul m

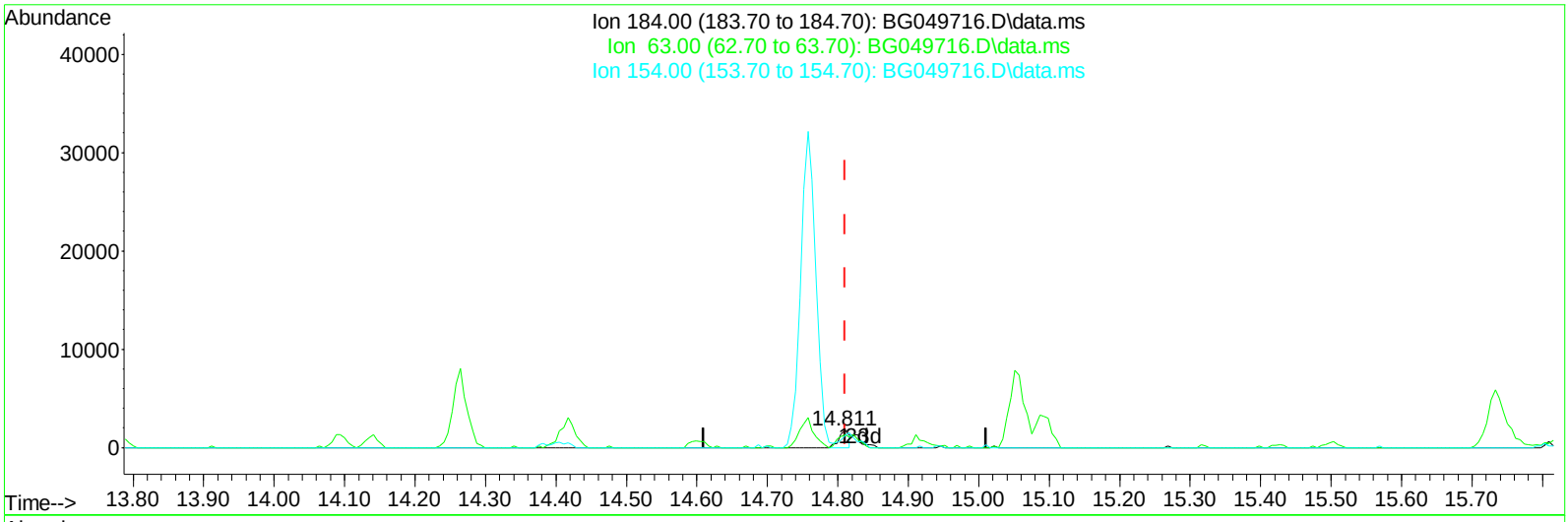
response 1231

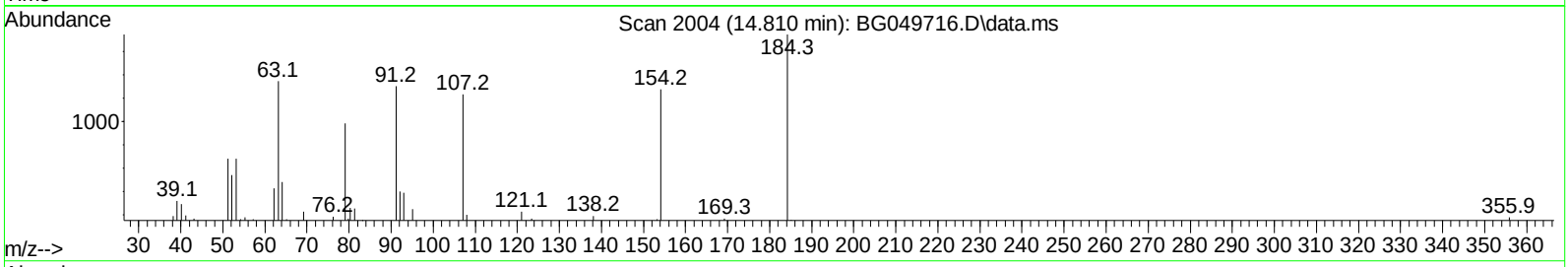
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	91.69#
56.00	125.20	135.20
0.00	0.00	0.00

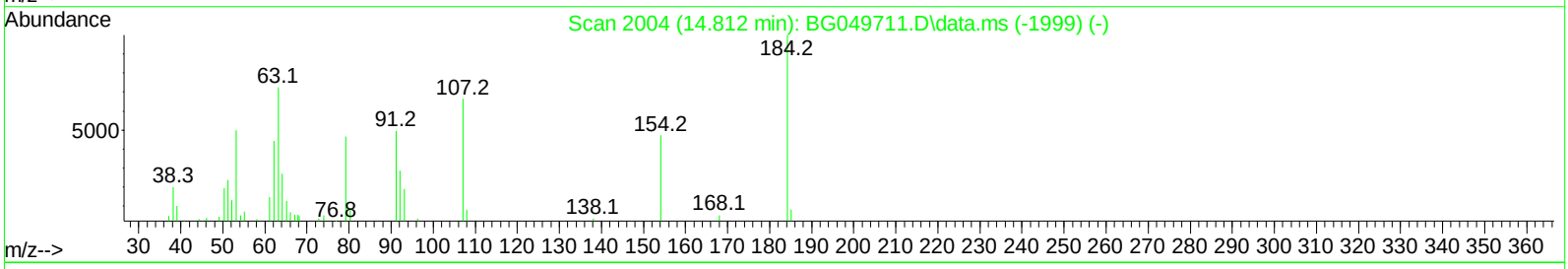
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(53) 2,4-Dinitrophenol

14.810min (+ 0.000) 2.35 ng/ul

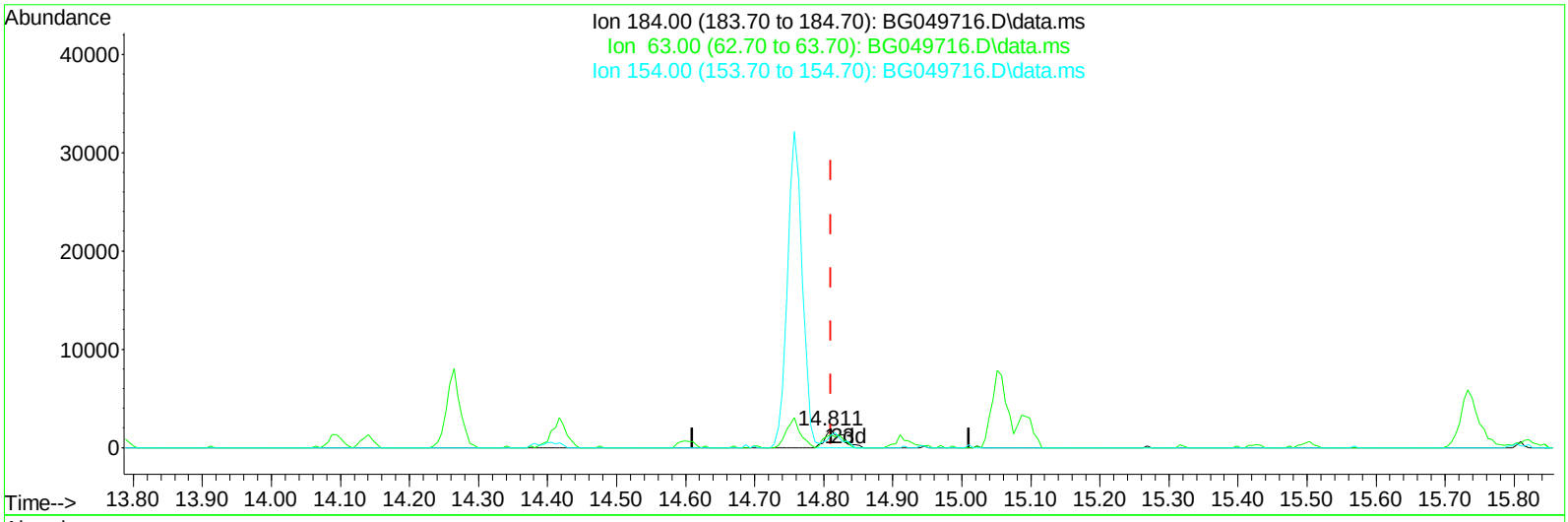
response 1795

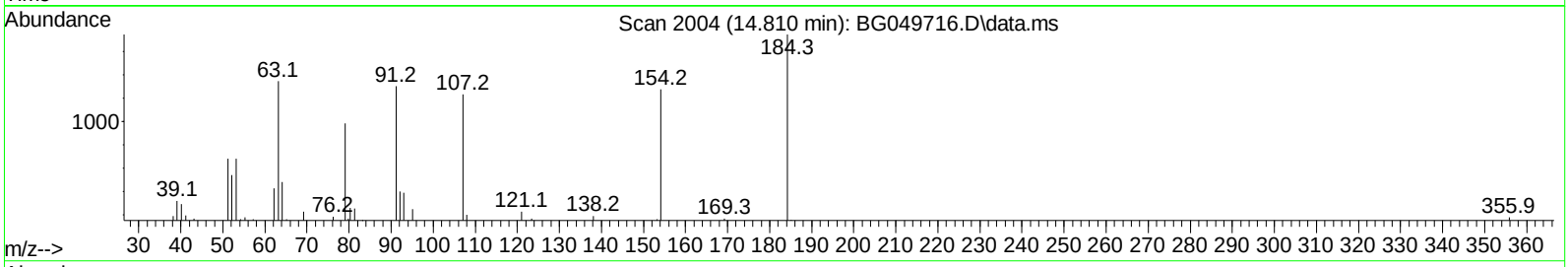
Ion	Exp%	Act%
184.00	100.00	100.00
63.00	89.40	77.06
154.00	79.40	73.11
0.00	0.00	0.00

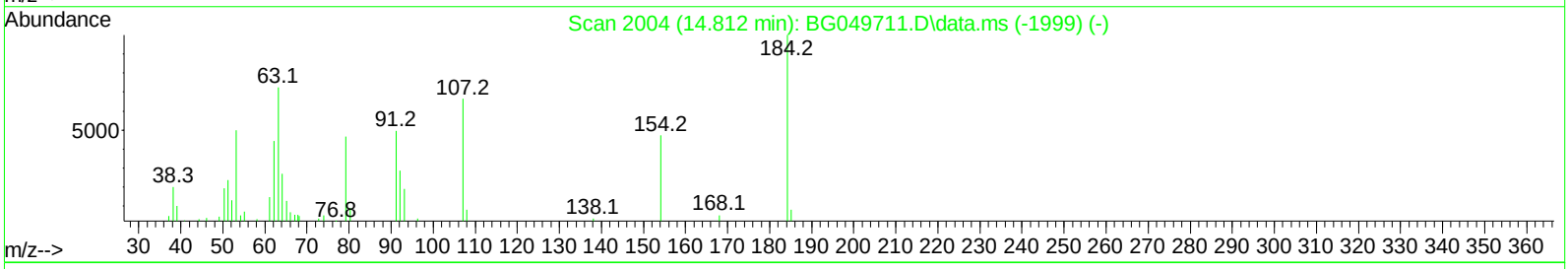
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(53) 2,4-Dinitrophenol

14.810min (+ 0.000) 4.11 ng/ul m

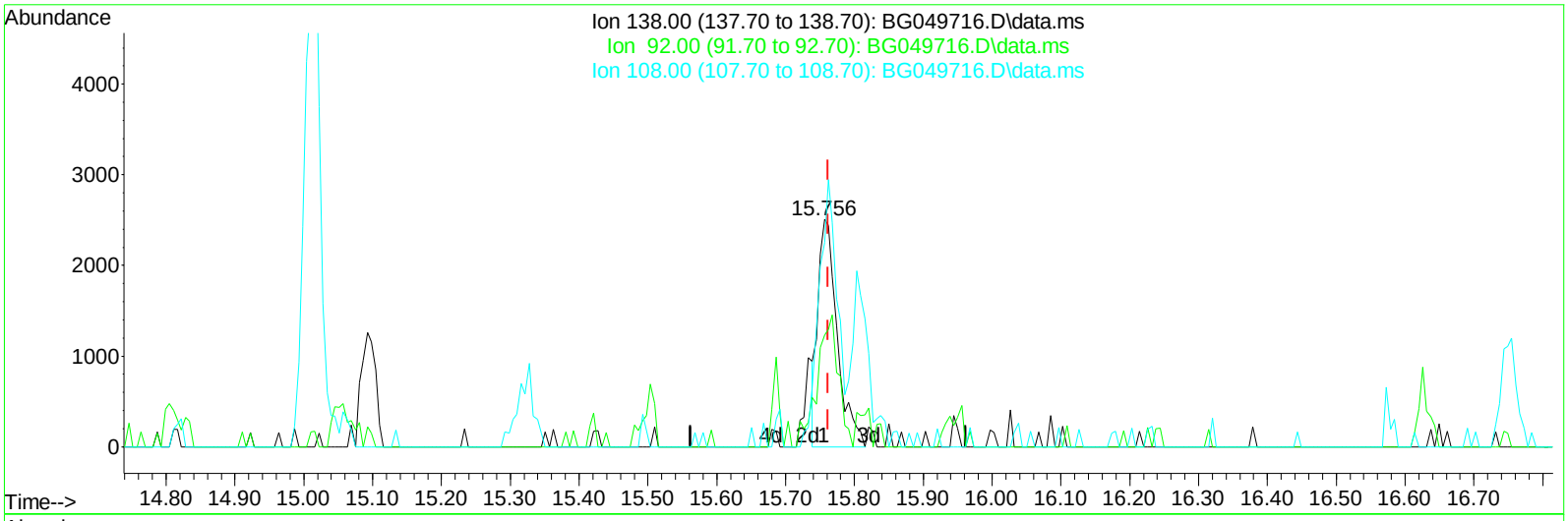
response 3142

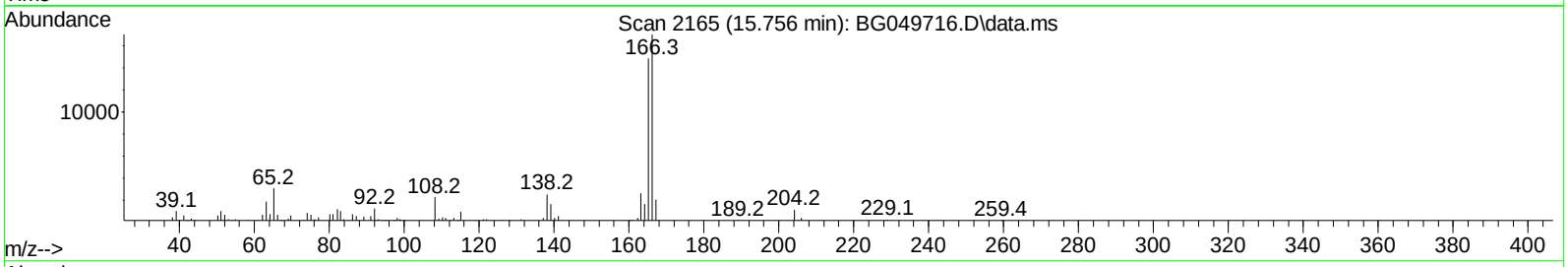
Ion	Exp%	Act%
184.00	100.00	100.00
63.00	89.40	77.06
154.00	79.40	73.11
0.00	0.00	0.00

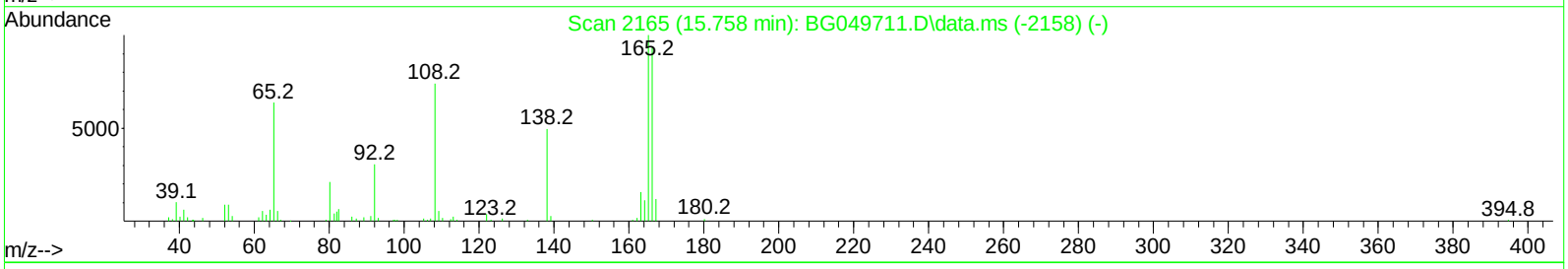
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(63) 4-Nitroaniline

15.756min (-0.006) 4.22 ng/ul

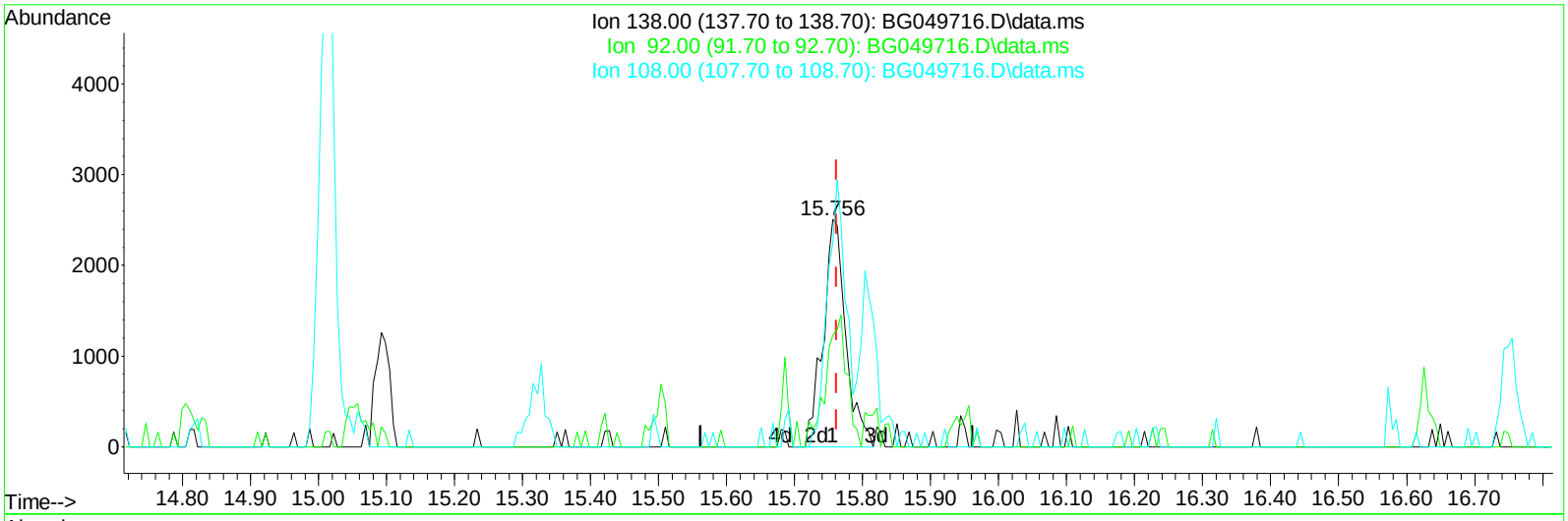
response 4876

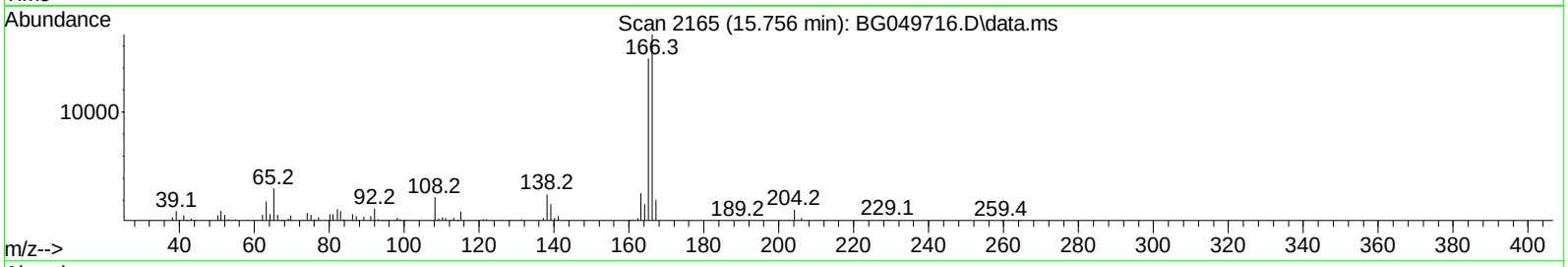
Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.30	49.18
108.00	143.90	89.84#
0.00	0.00	0.00

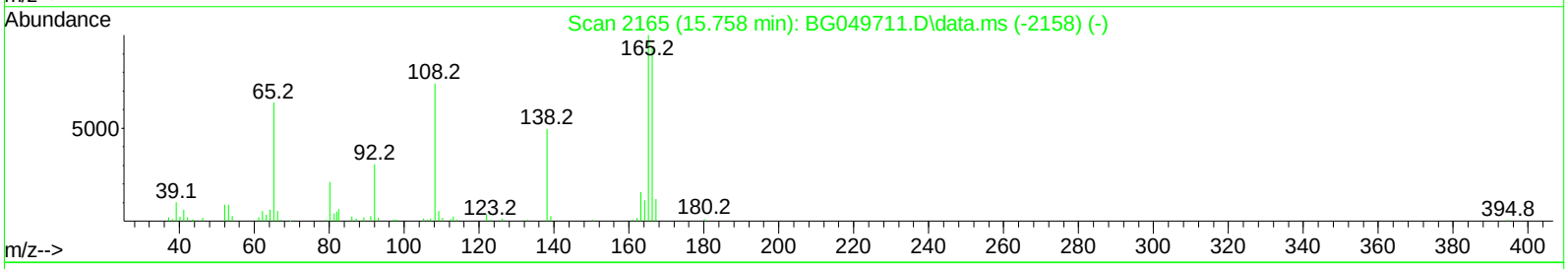
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(63) 4-Nitroaniline

15.756min (-0.006) 5.00 ng/ul m

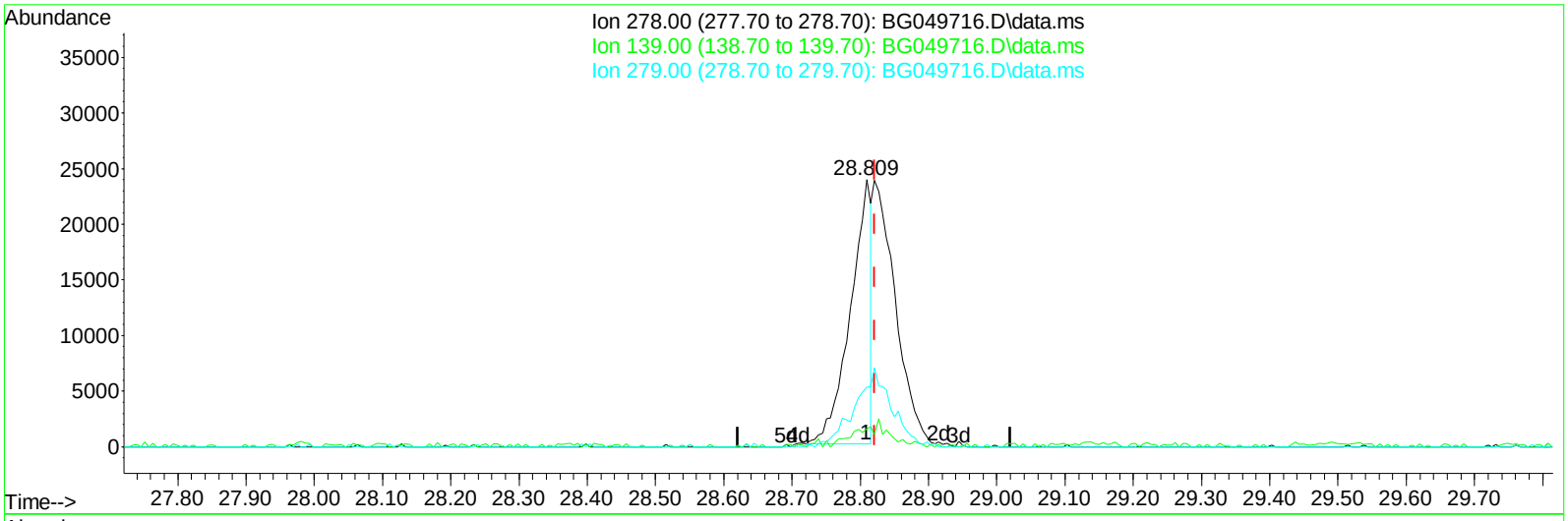
response 5774

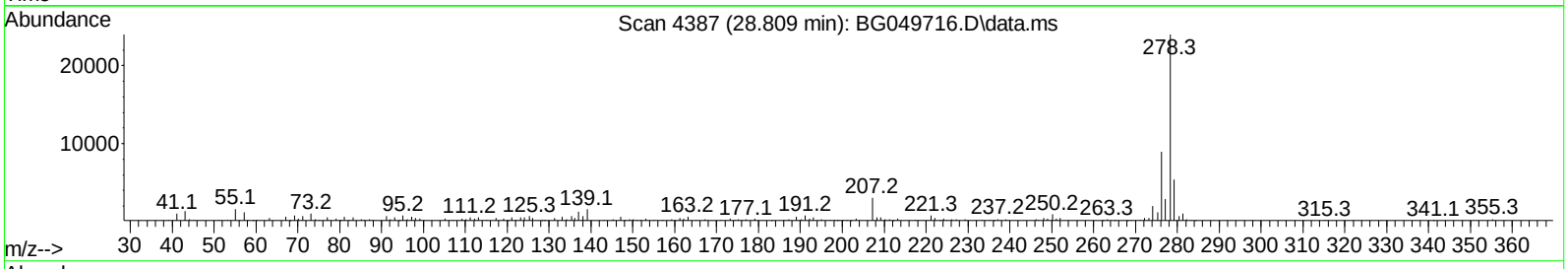
Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.30	49.18
108.00	143.90	89.84#
0.00	0.00	0.00

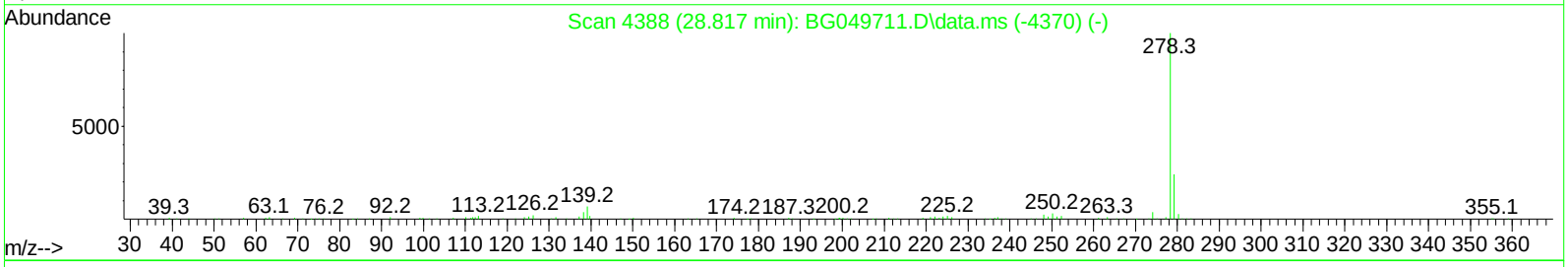
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(95) Dibenzo(a,h)anthracene

28.809min (-0.012) 5.15 ng/ul

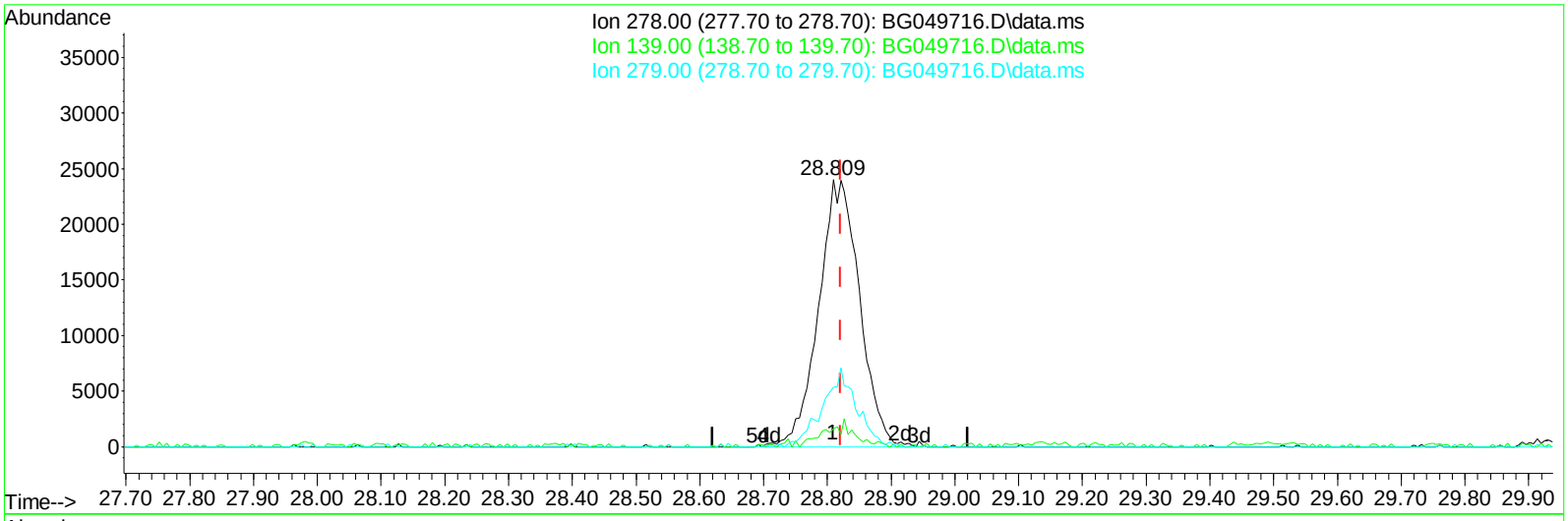
response 50365

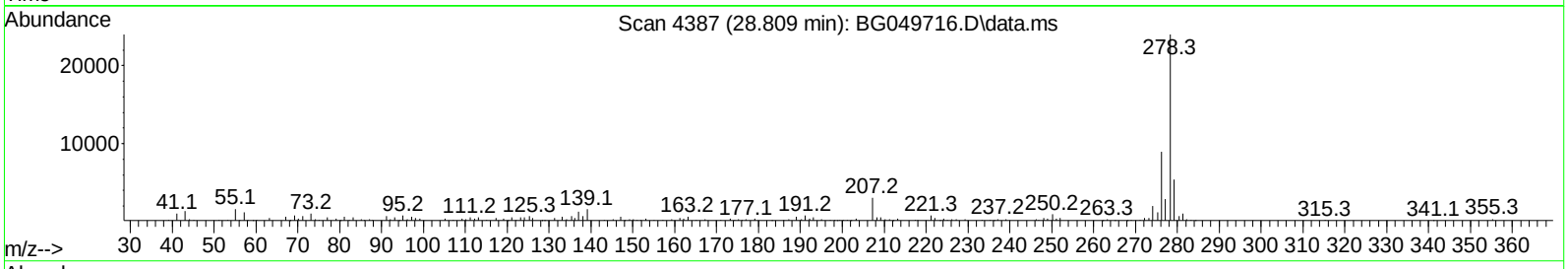
Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	6.67
279.00	23.60	22.40
0.00	0.00	0.00

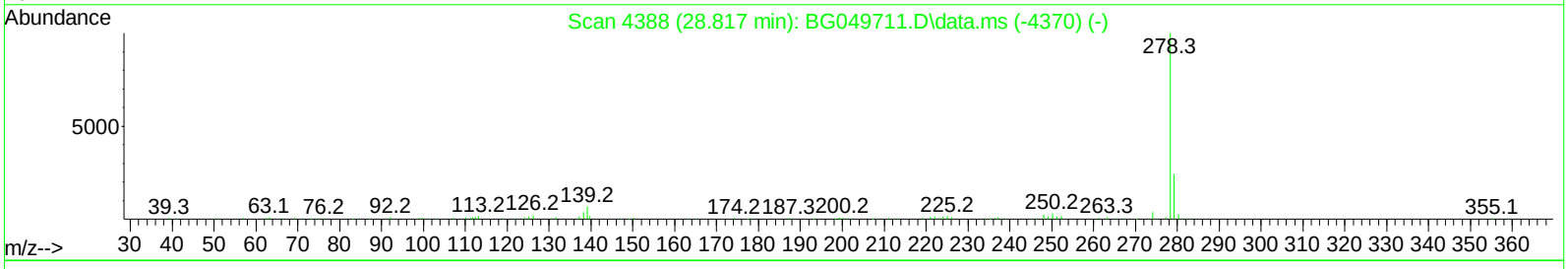
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

(95) Dibenzo(a,h)anthracene

28.809min (-0.012) 11.00 ng/ul m

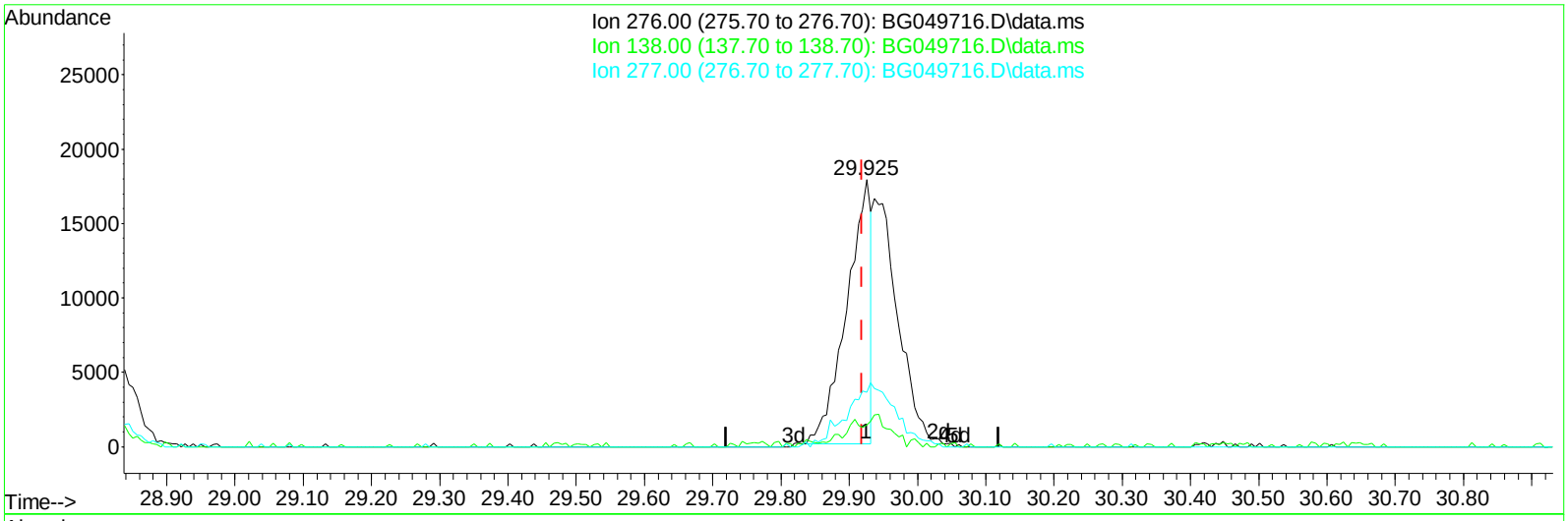
response 107474

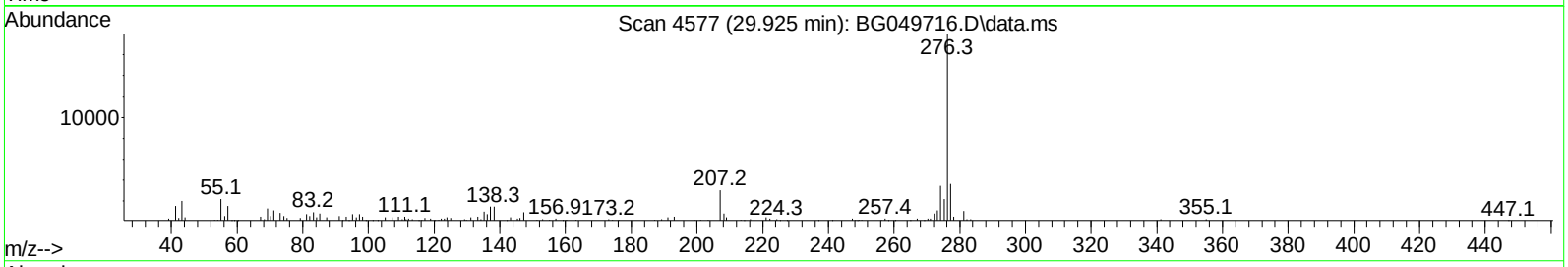
Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	6.67
279.00	23.60	22.40
0.00	0.00	0.00

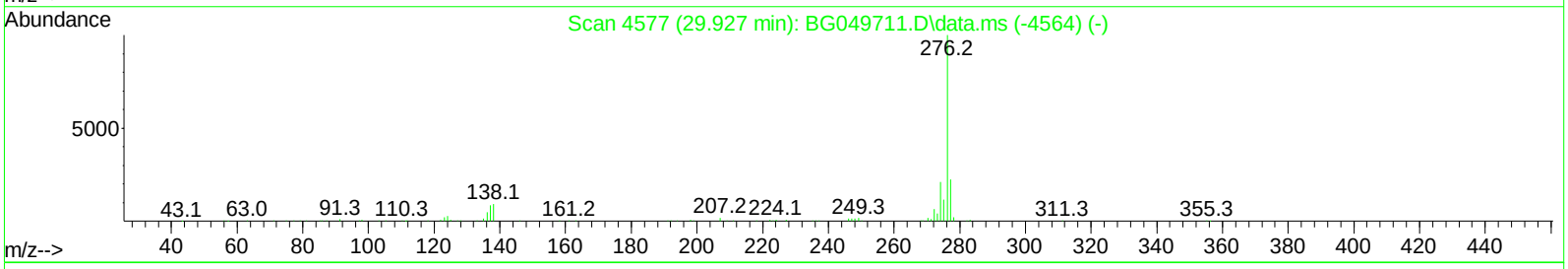
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

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

29.925min (+ 0.006) 4.50 ng/ul

response 43828

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.18
277.00	24.40	20.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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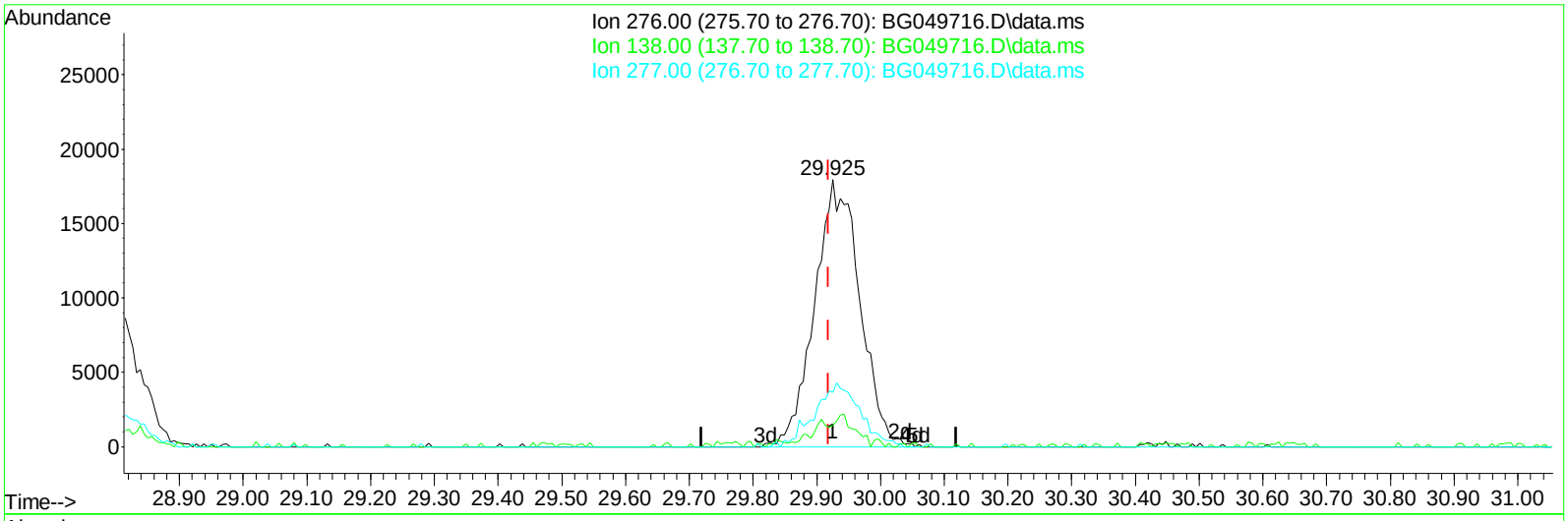
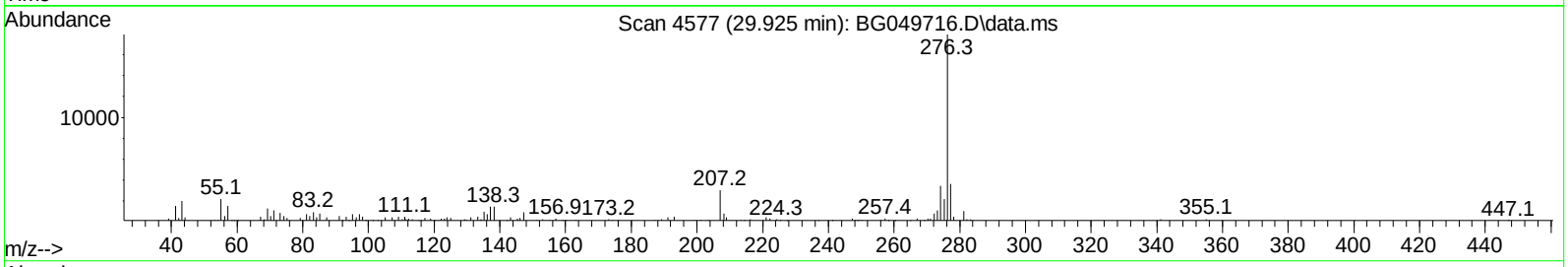
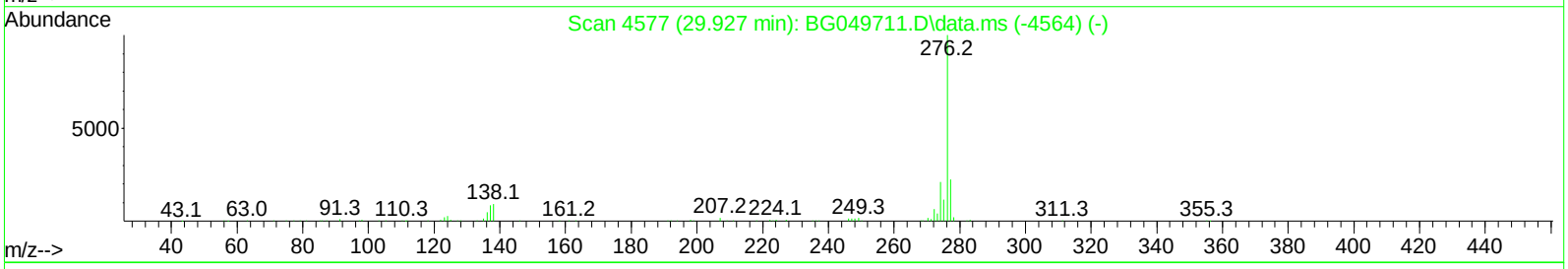
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration







TIC: BG049716.D\data.ms

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

29.925min (+ 0.006) 9.03 ng/ul m

response 87984

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.18
277.00	24.40	20.36
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049716.D
Acq On : 7 Aug 2021 22:58
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	30489	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	127434	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	87250	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	171342	20.000	ng/ul #	0.00
79) Chrysene-d12	21.731	240	153867	20.000	ng/ul #	0.00
88) Perylene-d12	25.008	264	155109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	529	0.811	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.197	99	22364	8.082	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	15465	9.730	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	19576	9.885	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	14845	7.036	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	10647	10.606	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	11810	10.302	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	21621	10.002	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	3146m	1.063	ng/ul	0.02
46) Dimethylphthalate-d6	14.094	166	71100	10.384	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	88949	10.919	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	4603	4.158	ng/ul	0.02
60) Fluorene-d10	15.686	176	61273	10.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	8952	7.763	ng/ul	0.00
73) Anthracene-d10	17.542	188	82741	10.230	ng/ul	0.00
81) Pyrene-d10	19.833	212	98159	11.578	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	87308	10.273	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	1594m	2.017	ng/uL	
6) Benzaldehyde	7.174	77	19712	13.367	ng/ul#	80
8) Phenol	7.227	94	20580	7.507	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.456	93	17965	9.446	ng/ul	90
12) 2-Chlorophenol	7.603	128	17082	8.625	ng/ul	94
13) 2-Methylphenol	8.490	108	15199	7.081	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.572	45	19648	9.039	ng/ul	93
16) Acetophenone	8.871	105	33145	9.466	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.848	70	17182	9.127	ng/ul	99
18) 4-Methylphenol	8.819	108	16559	7.384	ng/ul	88
19) Hexachloroethane	9.130	117	9353	10.649	ng/ul	91
22) Nitrobenzene	9.253	77	29258	9.829	ng/ul	94
23) Isophorone	9.776	82	47320	9.400	ng/ul#	91
25) 2-Nitrophenol	9.970	139	10424	8.877	ng/ul	92
26) 2,4-Dimethylphenol	10.035	107	3980	1.469	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.258	93	24793	9.721	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	18961	9.274	ng/ul	93
30) Naphthalene	10.916	128	66579	10.004	ng/ul	98
32) 4-Chloroaniline	11.027	127	1762	0.622	ng/ul#	86
33) Hexachlorobutadiene	11.198	225	15751	9.379	ng/ul#	89
34) Caprolactam	11.797	113	1231m	1.883	ng/ul	
35) 4-Chloro-3-methylphenol	12.144	107	20250	8.546	ng/ul#	90
36) 2-Methylnaphthalene	12.519	142	51074	10.023	ng/ul	93

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Sample : M3244-07MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 02:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	50562	10.197 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.890	216	27987	10.328 ng/ul	97
40) Hexachlorocyclopentadiene	12.866	237	7280	4.555 ng/ul	95
41) 2,4,6-Trichlorophenol	13.130	196	18870	10.882 ng/ul	91
42) 2,4,5-Trichlorophenol	13.207	196	17122	9.202 ng/ul	96
43) 1,1'-Biphenyl	13.524	154	65758	10.117 ng/ul	96
44) 2-Chloronaphthalene	13.571	162	51901	10.201 ng/ul	93
45) 2-Nitroaniline	13.771	65	16153	9.018 ng/ul	96
47) Dimethylphthalate	14.141	163	66157	9.734 ng/ul	99
48) 2,6-Dinitrotoluene	14.264	165	13870	9.993 ng/ul	94
50) Acenaphthylene	14.417	152	78147	10.168 ng/ul	98
51) 3-Nitroaniline	14.599	138	2982	2.413 ng/ul#	91
52) Acenaphthene	14.758	153	55559	10.121 ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	3142m	4.109 ng/ul	
55) 4-Nitrophenol	14.910	109	4345	3.001 ng/ul	87
56) Dibenzofuran	15.092	168	77726	10.206 ng/ul	93
57) 2,4-Dinitrotoluene	15.057	165	20235	10.107 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.322	232	14996	9.781 ng/ul#	97
59) Diethylphthalate	15.498	149	70405	10.275 ng/ul	95
61) Fluorene	15.745	166	63704	10.286 ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.733	204	34700	10.292 ng/ul	96
63) 4-Nitroaniline	15.756	138	5774m	4.998 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.827	198	7965	7.371 ng/ul	90
67) N-Nitrosodiphenylamine	15.944	169	45581	9.652 ng/ul	91
68) 4-Bromophenyl-phenylether	16.632	248	23003	11.541 ng/ul	87
69) Hexachlorobenzene	16.749	284	25666	11.376 ng/ul#	92
70) Atrazine	16.890	200	17010	8.188 ng/ul	99
71) Pentachlorophenol	17.096	266	9741	9.015 ng/ul	94
72) Phenanthrene	17.483	178	95601	10.542 ng/ul	97
74) Anthracene	17.577	178	86939	9.584 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.495	216	28236	11.219 ng/uL	95
76) Pentachlorobenzene	15.016	250	31838	11.995 ng/uL	95
77) Carbazole	17.848	167	83278	10.273 ng/ul	99
78) Di-n-butylphthalate	18.400	149	109453	11.043 ng/ul	98
80) Fluoranthene	19.498	202	109472	10.463 ng/ul	98
82) Pyrene	19.862	202	111683	10.702 ng/ul#	97
83) Butylbenzylphthalate	20.738	149	45246	11.377 ng/ul	96
85) Benzo(a)anthracene	21.707	228	106148	10.507 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.601	149	61924	10.630 ng/ul	99
87) Chrysene	21.772	228	102196	10.832 ng/ul	95
89) Di-n-octyl phthalate	22.829	149	103482	10.696 ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	105350	10.392 ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	107591	10.688 ng/ul	99
93) Benzo(a)pyrene	24.850	252	90079	10.093 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.756	276	122602	10.468 ng/ul	98
95) Dibenzo(a,h)anthracene	28.809	278	107474m	11.000 ng/ul	
96) Benzo(g,h,i)perylene	29.925	276	87984m	9.034 ng/ul	

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

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