

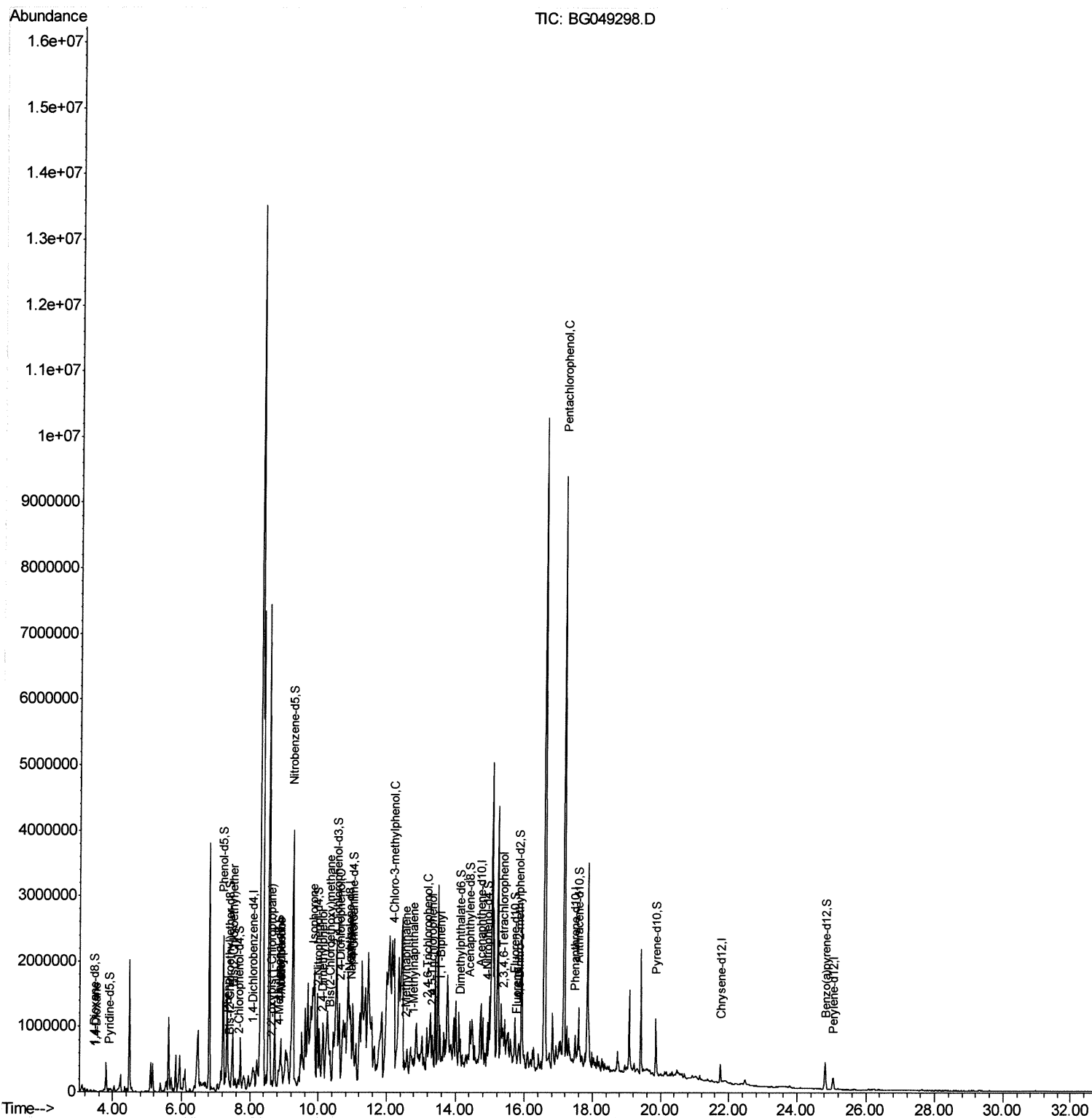
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049298.D
Acq On : 11 Jul 2021 14:12
Operator : CG/JU
Sample : M2958-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK27

Manual Integrations
APPROVED

mohammad
7/12/2021 12:36:25 PM

Quant Time: Jul 12 04:45:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration



Instrument :
BNA_G
ClientSampleId :
DBK27

mohammad
7/12/2021 12:36:25 PM

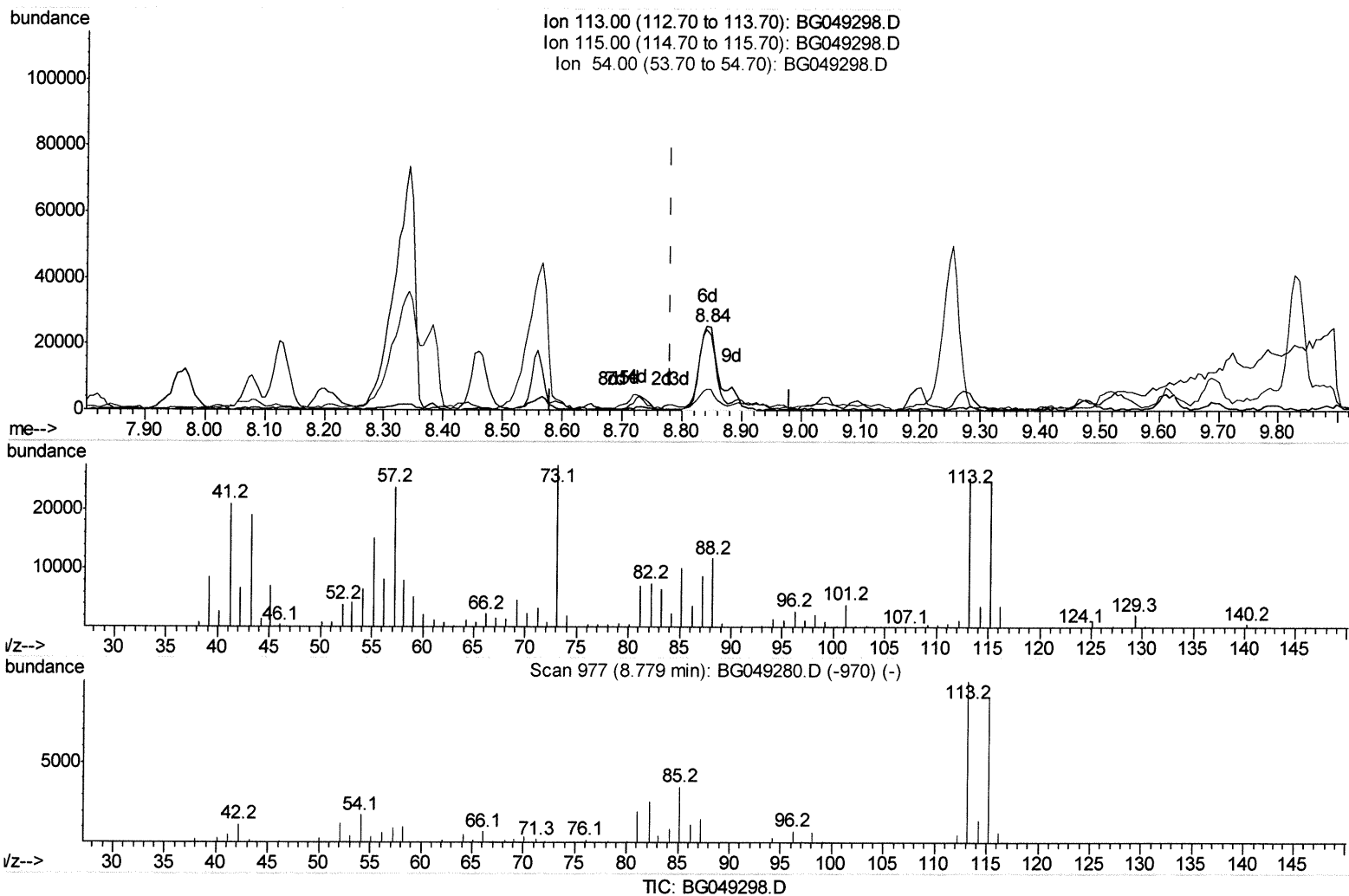
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:53:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(15) 4-Methylphenol-d8 (S)

8.842min (+0.061) 30.71ng/ul m

response 60421

Ion	Exp%	Act%
113.00	100	100
115.00	99.50	97.04
54.00	19.50	25.45#
0.00	0.00	0.00

7/12/21

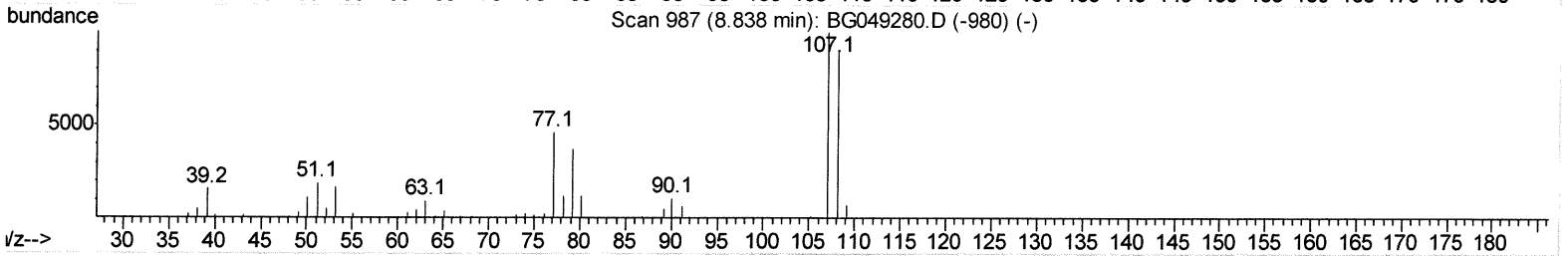
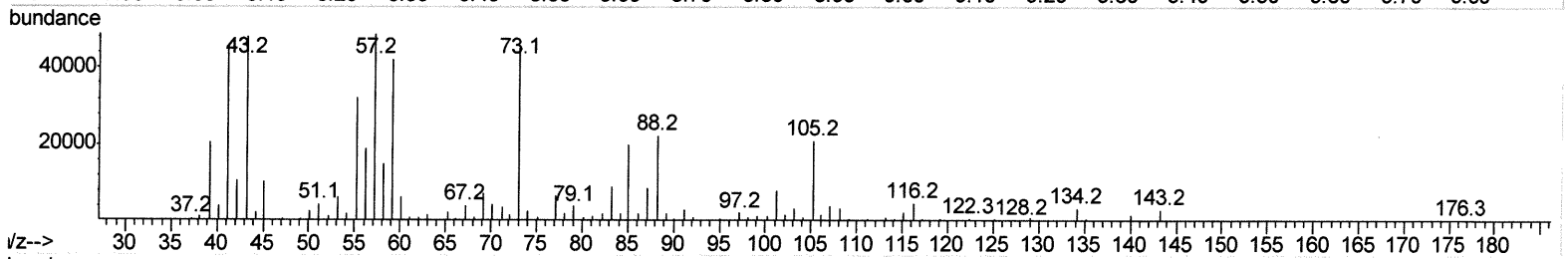
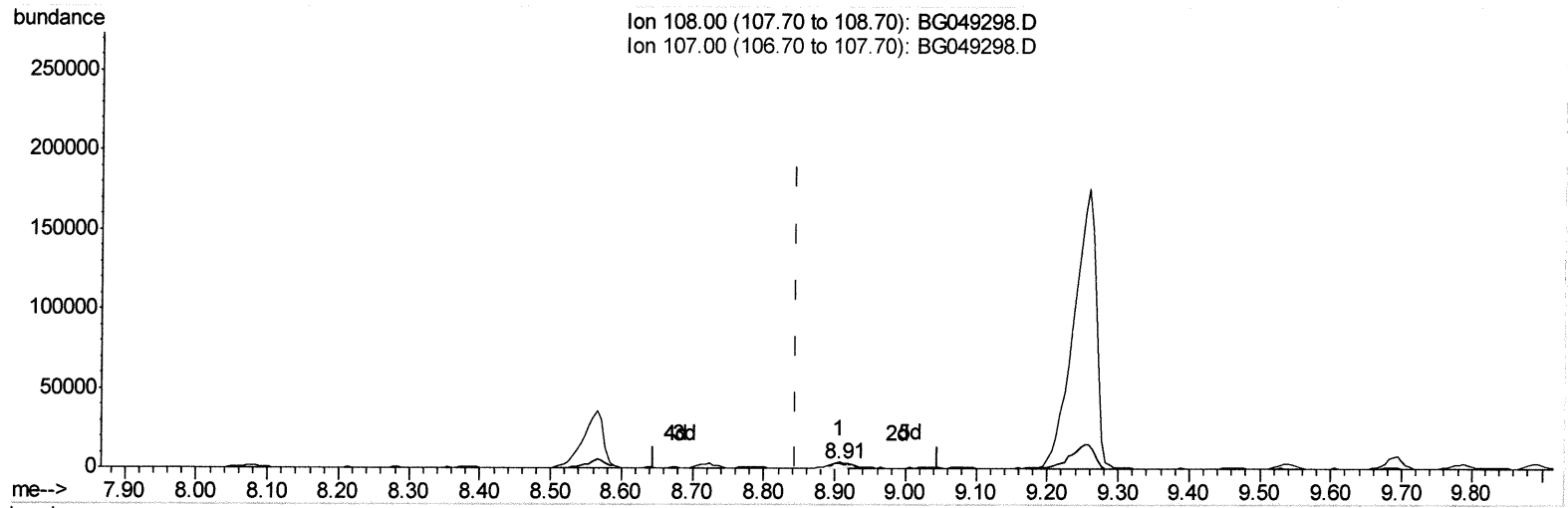
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049298.D
Acq On : 11 Jul 2021 14:12
Operator : CG/JU
Sample : M2958-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK27

Manual Integrations
APPROVED

mohammad
7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:30:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration



TIC: BG049298.D

(18) 4-Methylphenol

8.906min (+0.061) 2.83ng/ul

response 5509

Ion	Exp%	Act%
108.00	100	100
107.00	105.70	120.36
0.00	0.00	0.00
0.00	0.00	0.00

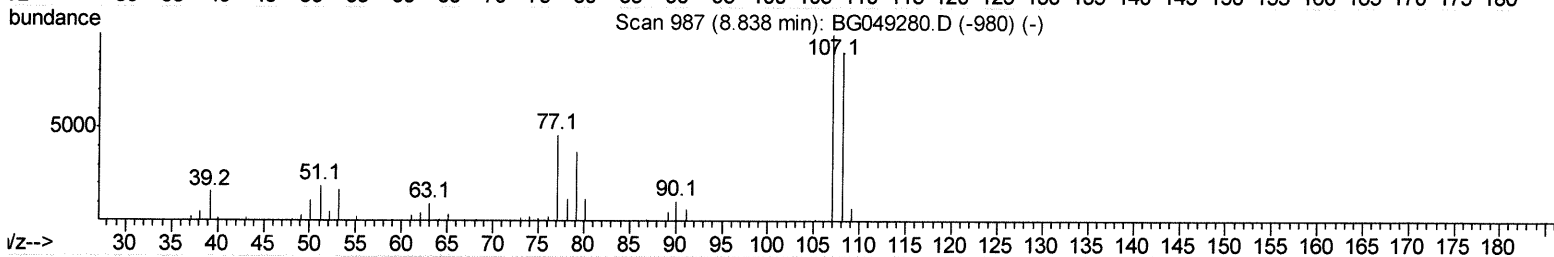
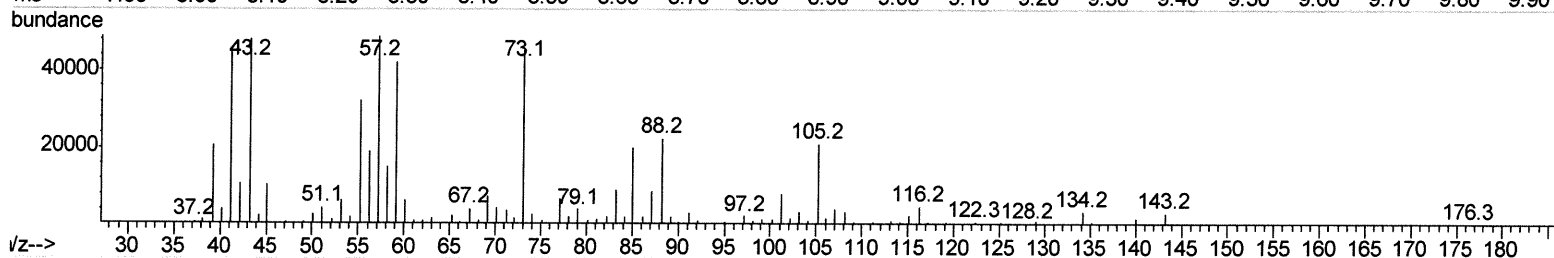
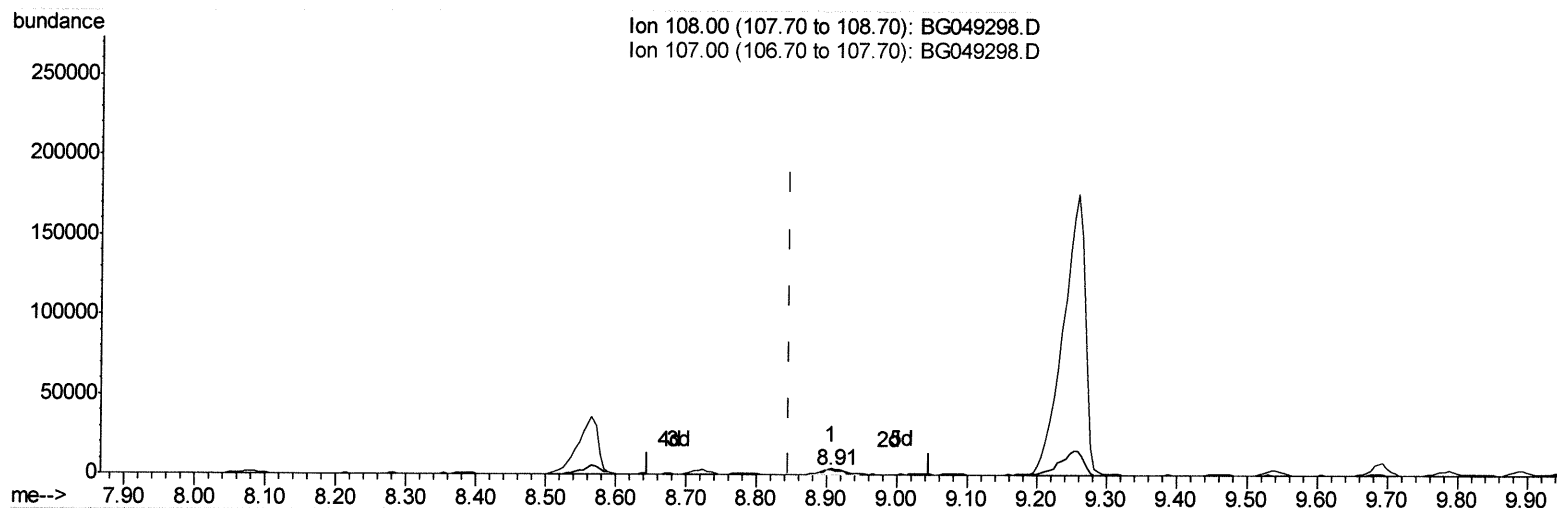
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:30:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



TIC: BG049298.D

(18) 4-Methylphenol

8.906min (+0.061) 3.57ng/ul m

response 6949

Ion	Exp%	Act%
108.00	100	100
107.00	105.70	120.36
0.00	0.00	0.00
0.00	0.00	0.00

347/15/21

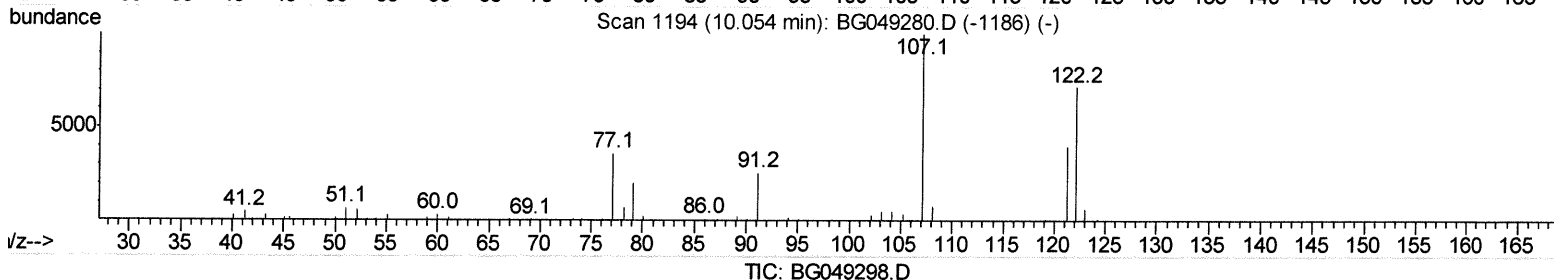
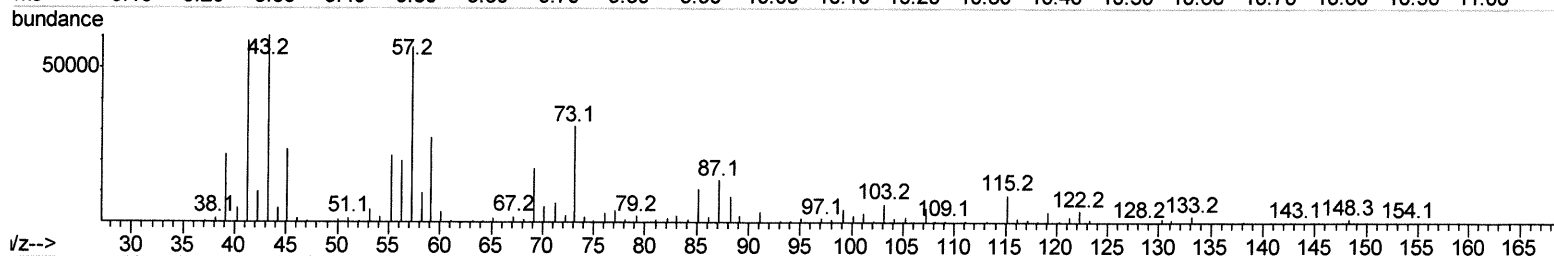
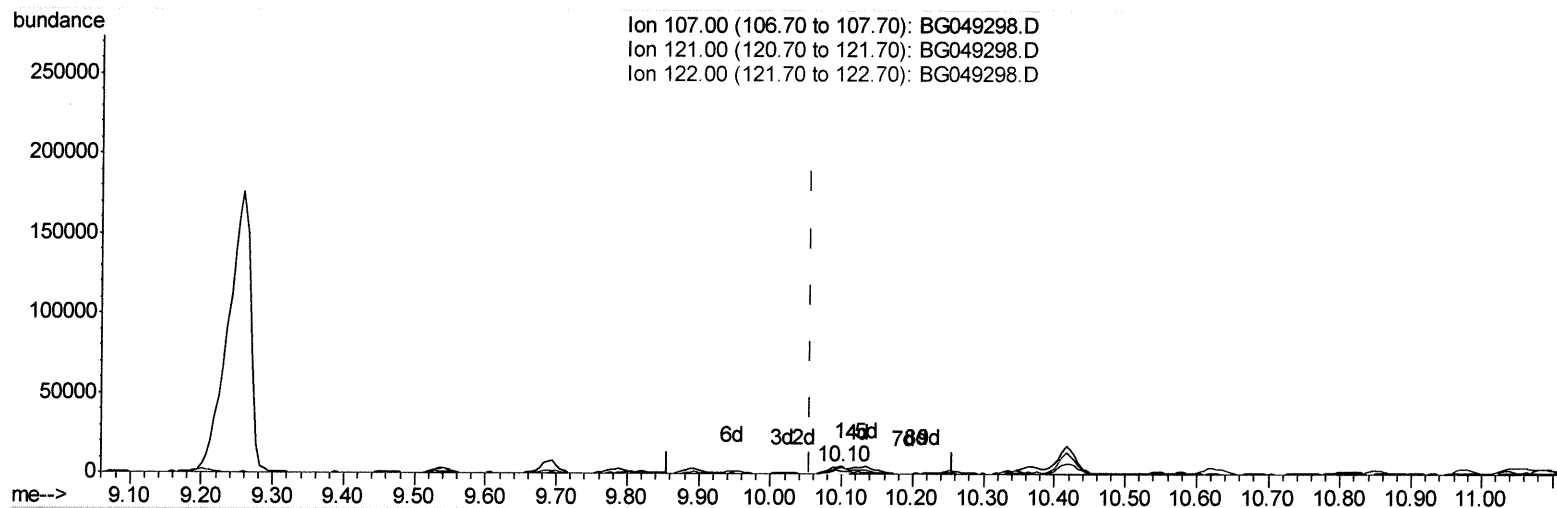
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:31:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(26) 2,4-Dimethylphenol

10.099min (+0.043) 3.25ng/ul

response 7704

Ion	Exp%	Act%
107.00	100	100
121.00	43.70	40.83
122.00	70.60	84.18
0.00	0.00	0.00

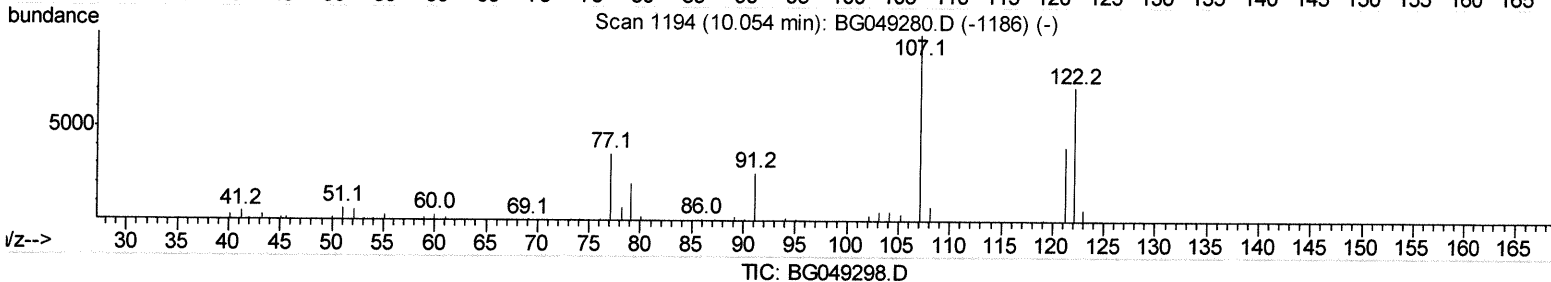
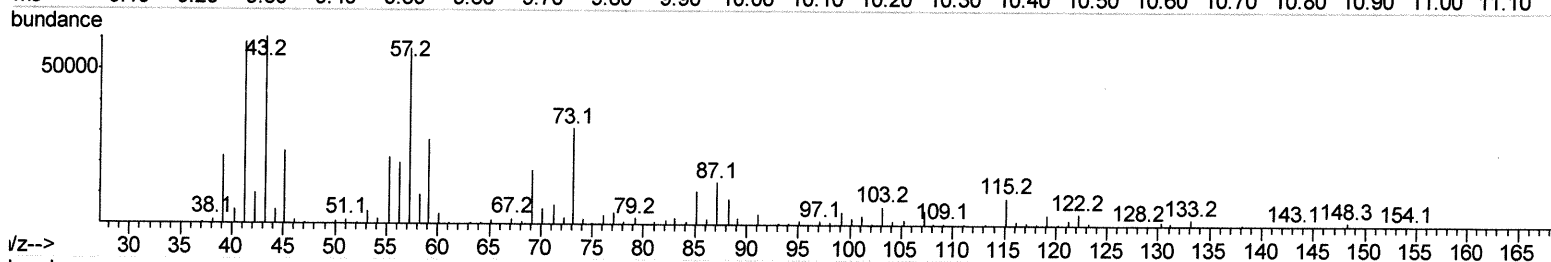
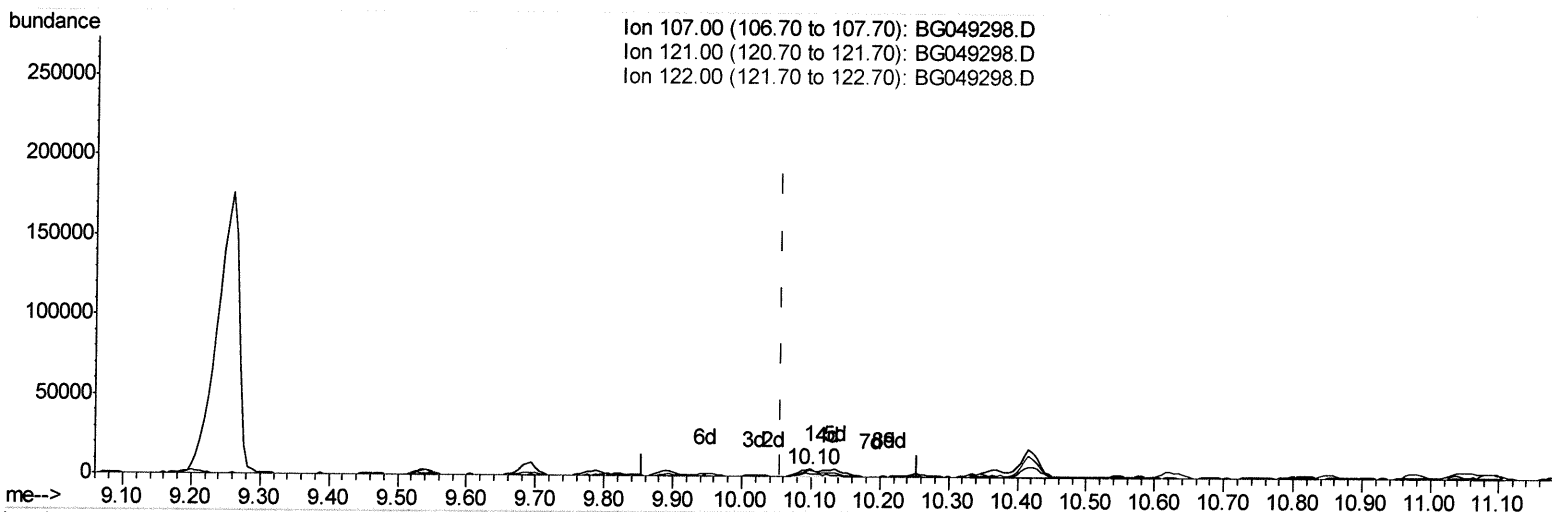
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:31:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(26) 2,4-Dimethylphenol

10.099min (+0.043) 7.39ng/ul m

response 17515

Ion	Exp%	Act%
107.00	100	100
121.00	43.70	40.83
122.00	70.60	84.18
0.00	0.00	0.00

07/12/21

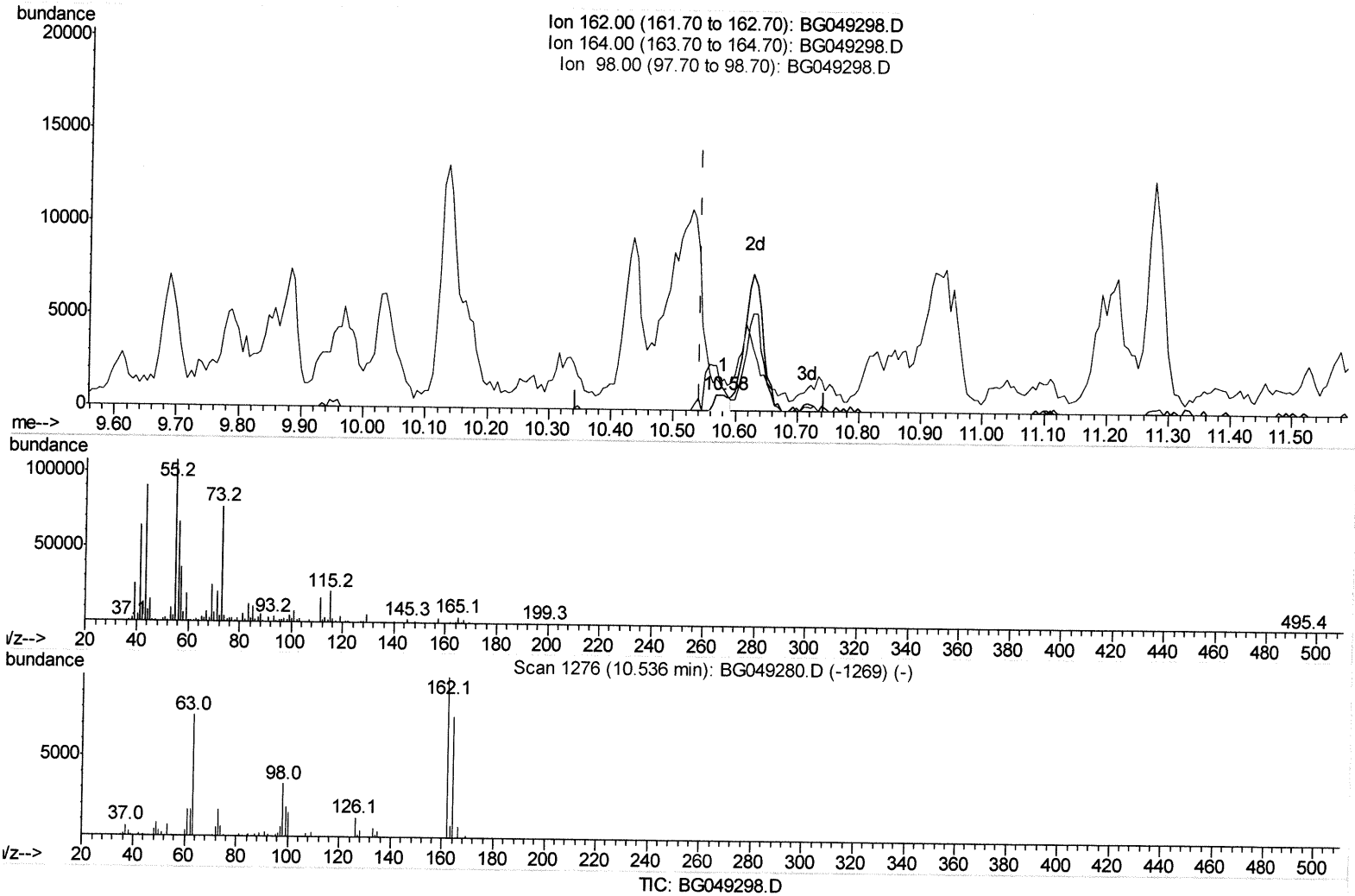
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:32:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(29) 2,4-Dichlorophenol (C)

10.581min (+0.037) 0.79ng/ul

response 1477

Ion	Exp%	Act%
162.00	100	100
164.00	66.80	133.10#
98.00	32.30	204.71#
0.00	0.00	0.00

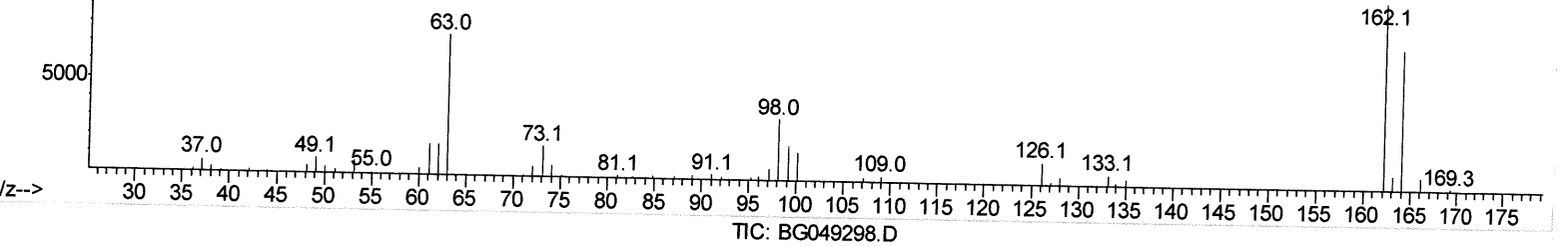
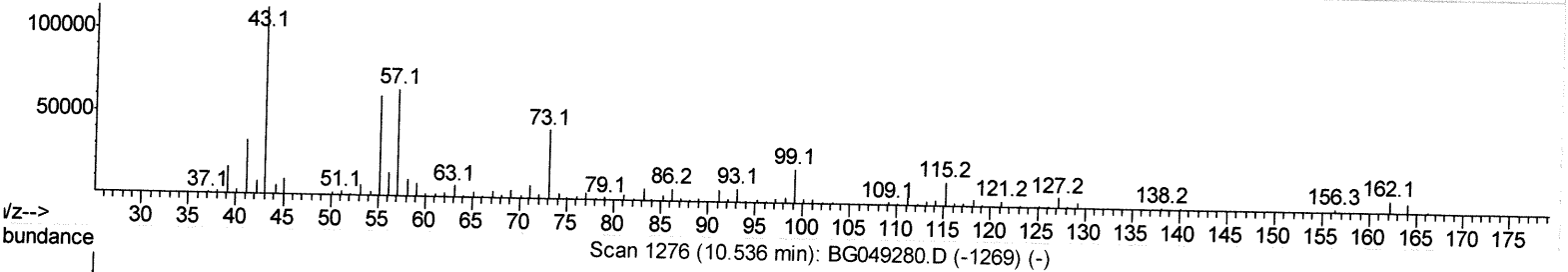
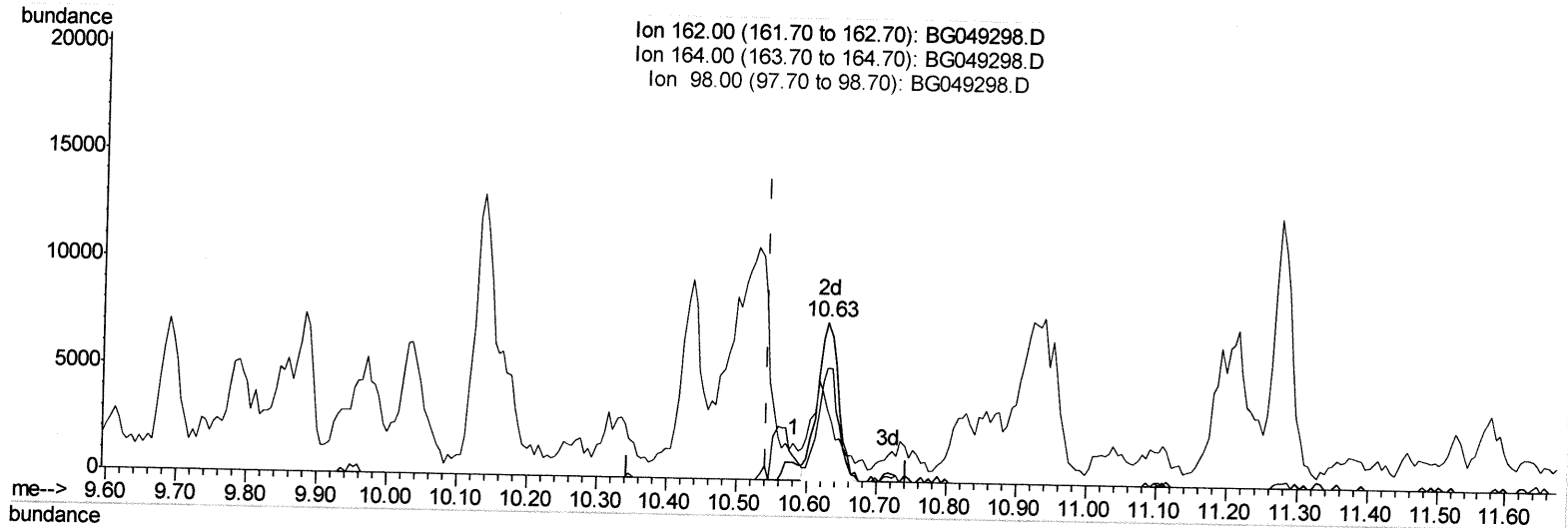
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:32:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(29) 2,4-Dichlorophenol (C)

10.628min (+0.084) 8.32ng/ul m

response 15558

Ion	Exp%	Act%
162.00	100	100
164.00	66.80	70.82
98.00	32.30	45.70#
0.00	0.00	0.00

JU 7/12/21

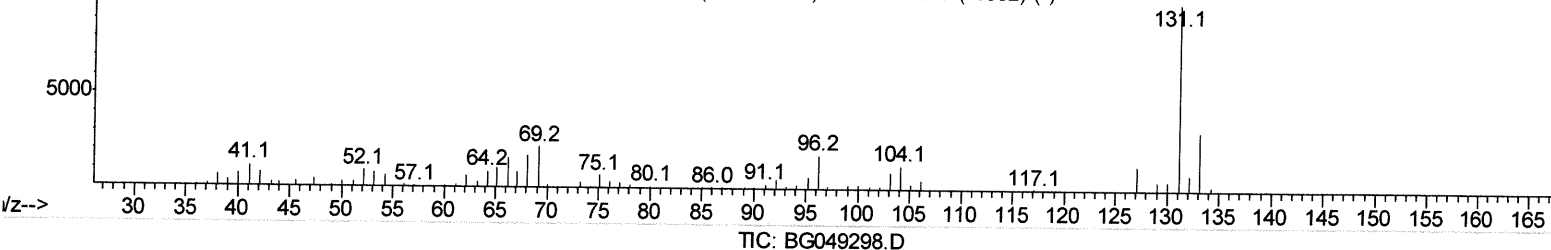
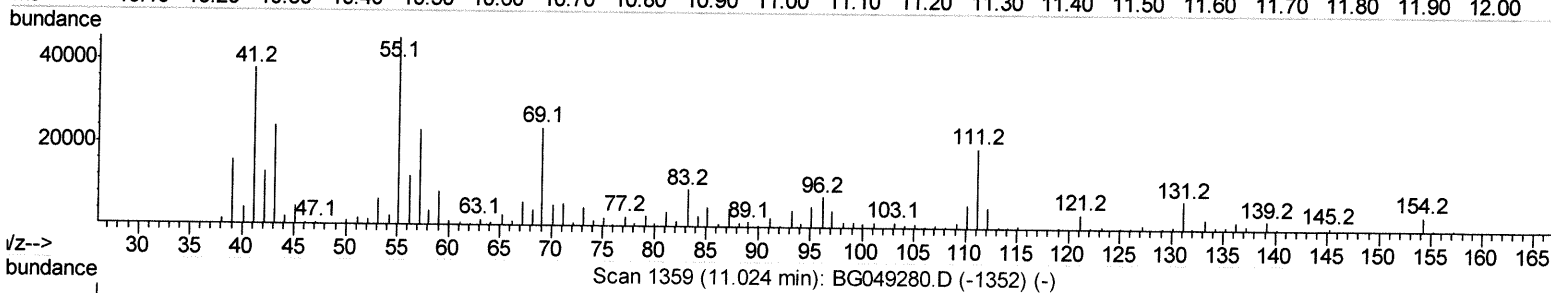
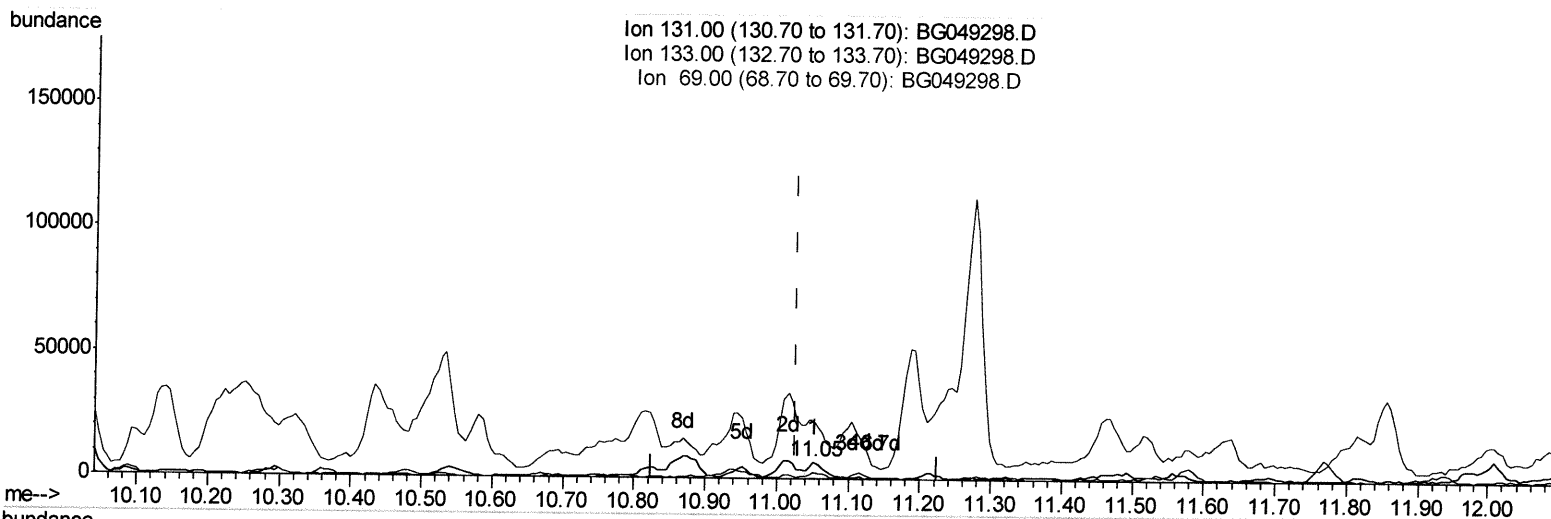
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:44:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(31) 4-Chloroaniline-d4 (S)
 11.051min (+0.026) 3.50ng/ul

response 9336

Ion	Exp%	Act%
131.00	100	100
133.00	29.70	36.29#
69.00	19.10	345.84#
0.00	0.00	0.00

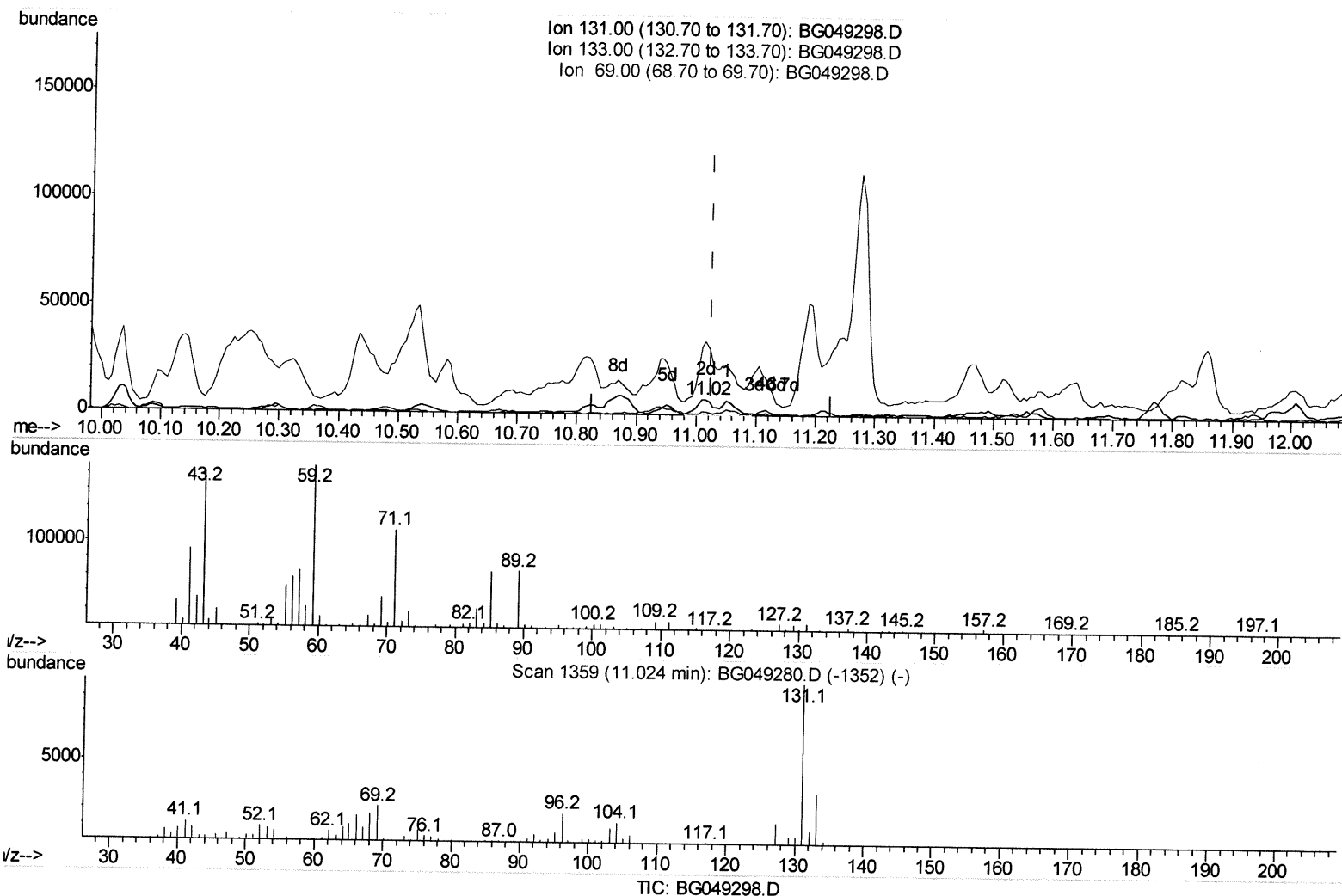
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:44:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(31) 4-Chloroaniline-d4 (S)

11.016min (-0.010) 8.88ng/ul m

response 23690

Ion	Exp%	Act%
131.00	100	100
133.00	29.70	20.09#
69.00	19.10	463.54#
0.00	0.00	0.00

July 12/21

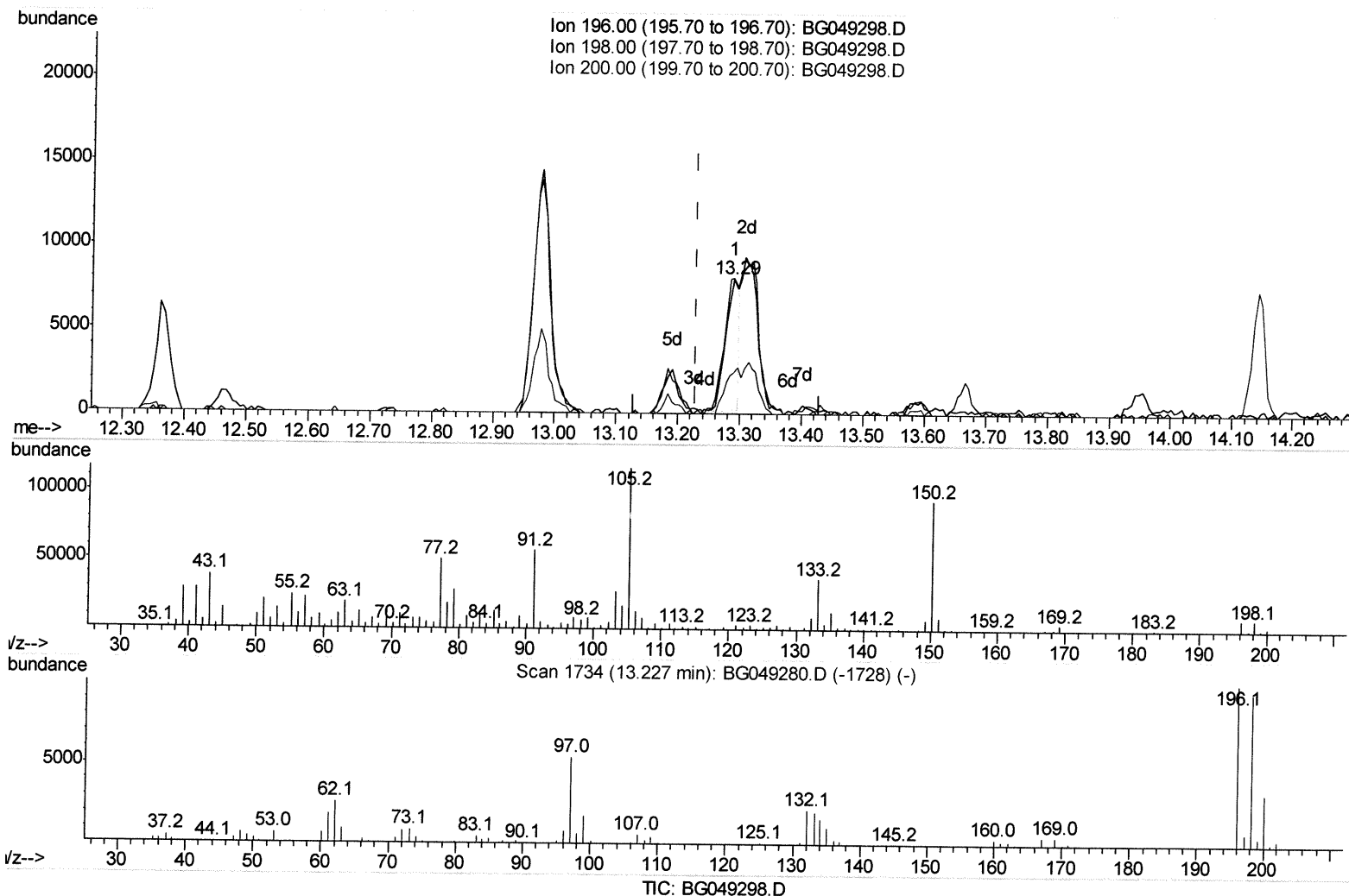
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:42:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(42) 2,4,5-Trichlorophenol

13.290min (+0.061) 6.21ng/ul

response 11418

Ion	Exp%	Act%
196.00	100	100
198.00	104.80	101.03
200.00	36.00	30.35
0.00	0.00	0.00

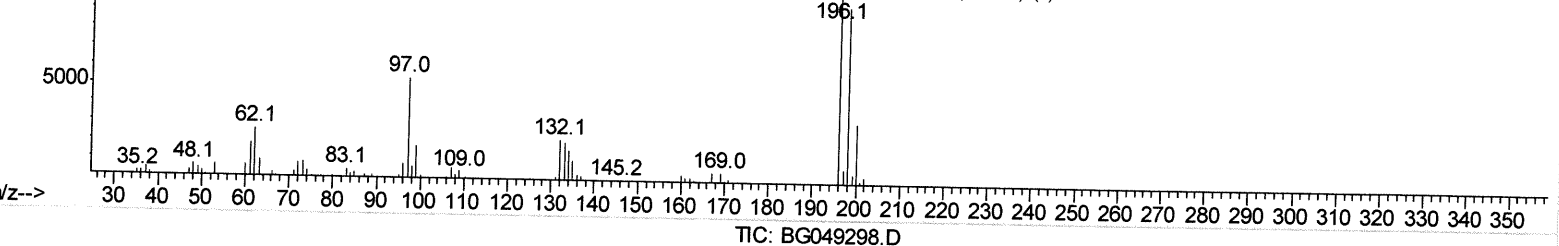
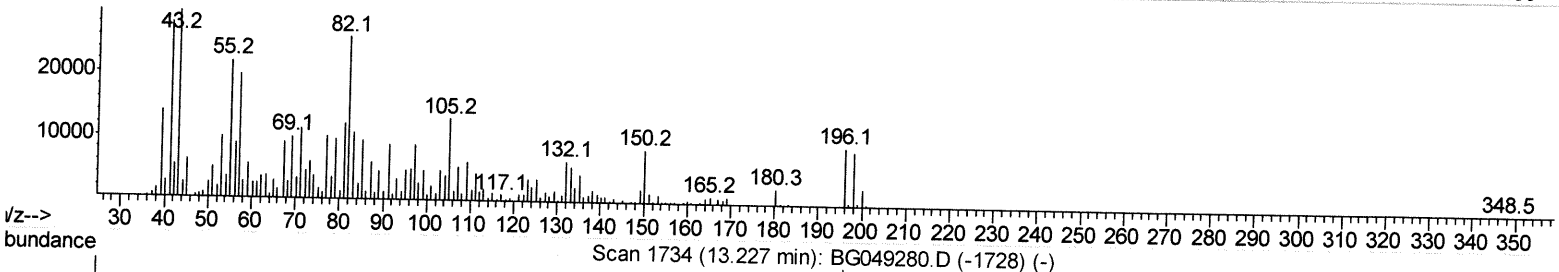
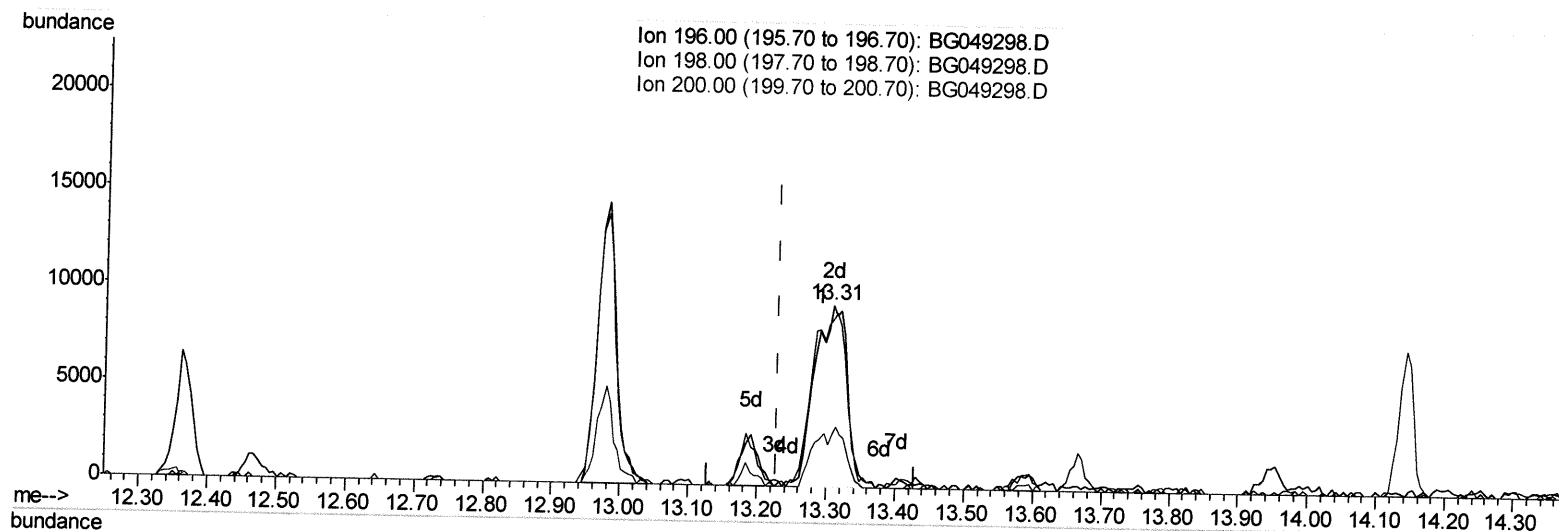
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:42:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(42) 2,4,5-Trichlorophenol

13.307min (+0.078) 16.45ng/ul m

response 30260

Handwritten: 547/15/21

Ion	Exp%	Act%
196.00	100	100
198.00	104.80	92.46
200.00	36.00	29.06
0.00	0.00	0.00

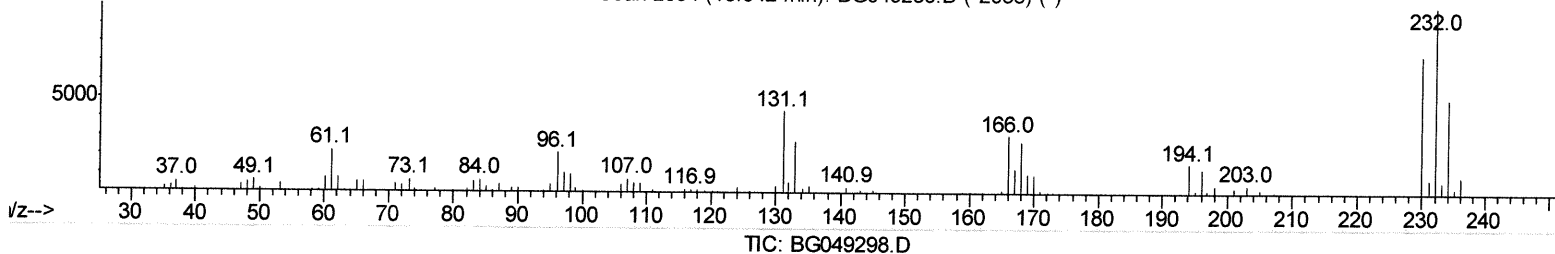
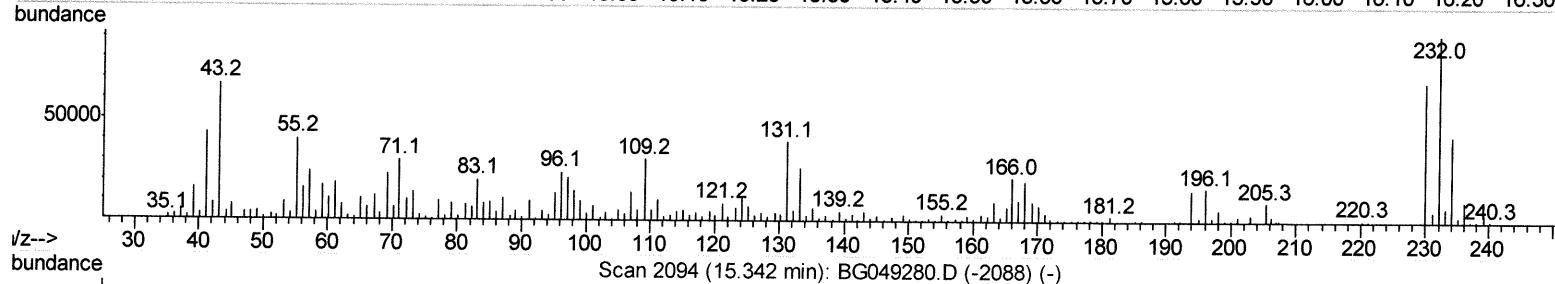
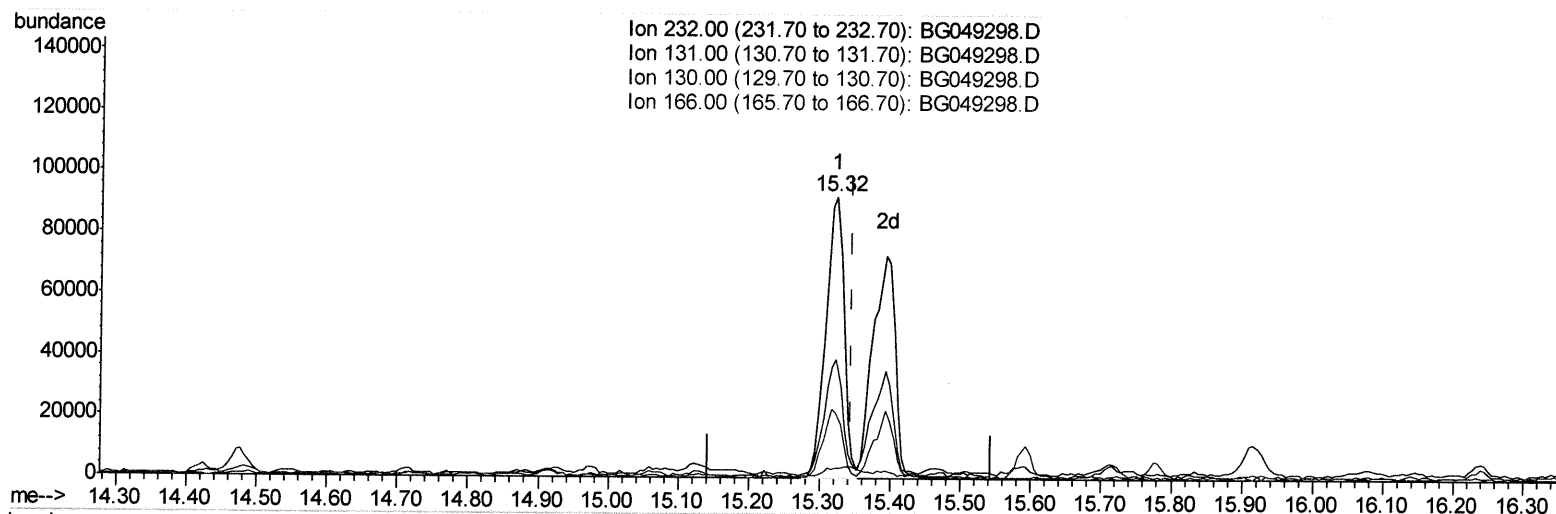
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049298.D
Acq On : 11 Jul 2021 14:12
Operator : CG/JU
Sample : M2958-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DBK27

Manual Integrations
APPROVED

mohammad
7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:48:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration



(58) 2,3,4,6-Tetrachlorophenol

15.323min (-0.021) 96.16ng/ul

response 165866

Ion	Exp%	Act%
232.00	100	100
131.00	38.20	42.38
130.00	2.90	3.80#
166.00	27.30	23.12

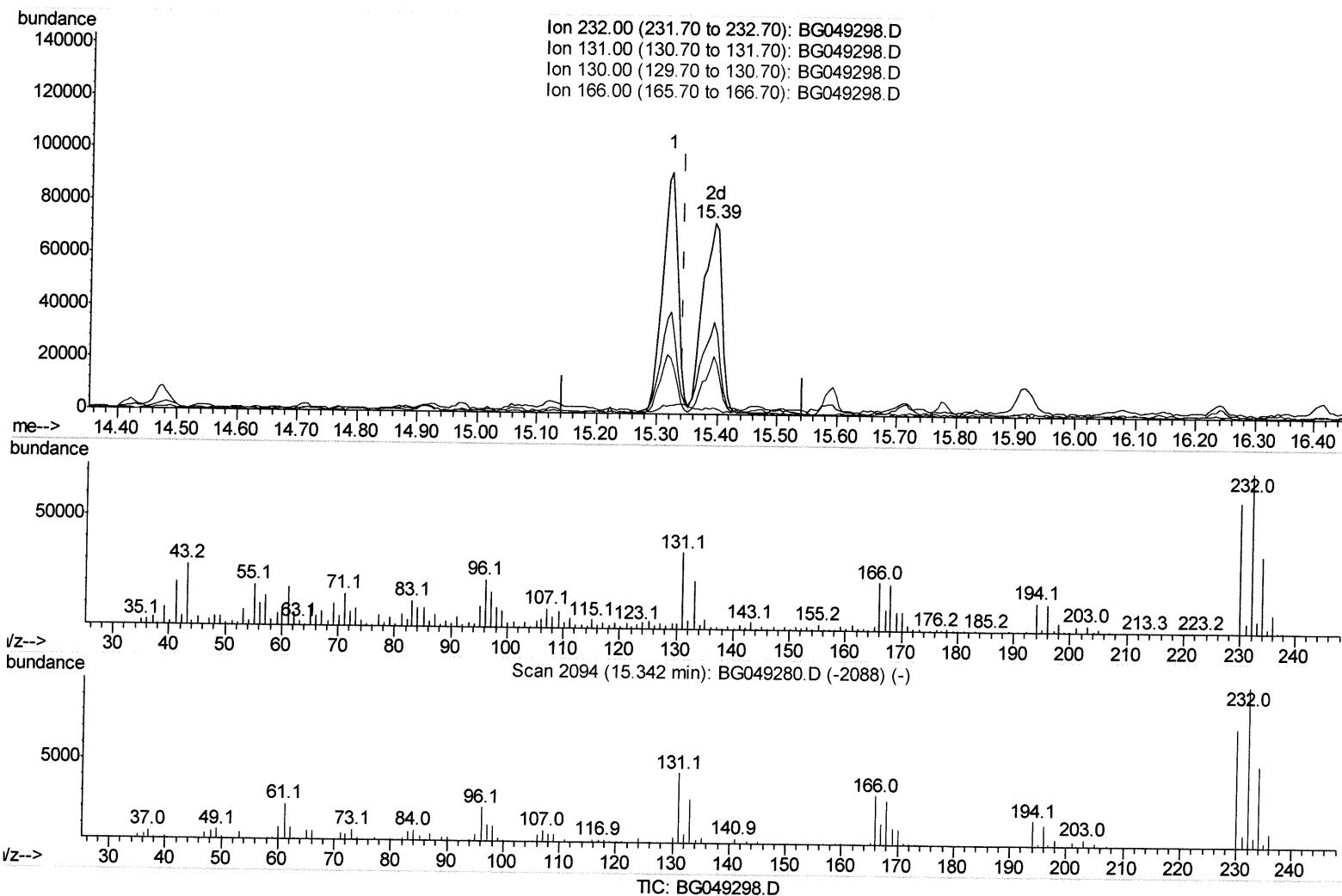
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:48:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(58) 2,3,4,6-Tetrachlorophenol

15.393min (+0.049) 93.84ng/ul m

response 161862

Ion	Exp%	Act%
232.00	100	100
131.00	38.20	48.04#
130.00	2.90	3.43
166.00	27.30	30.15

July 12/21

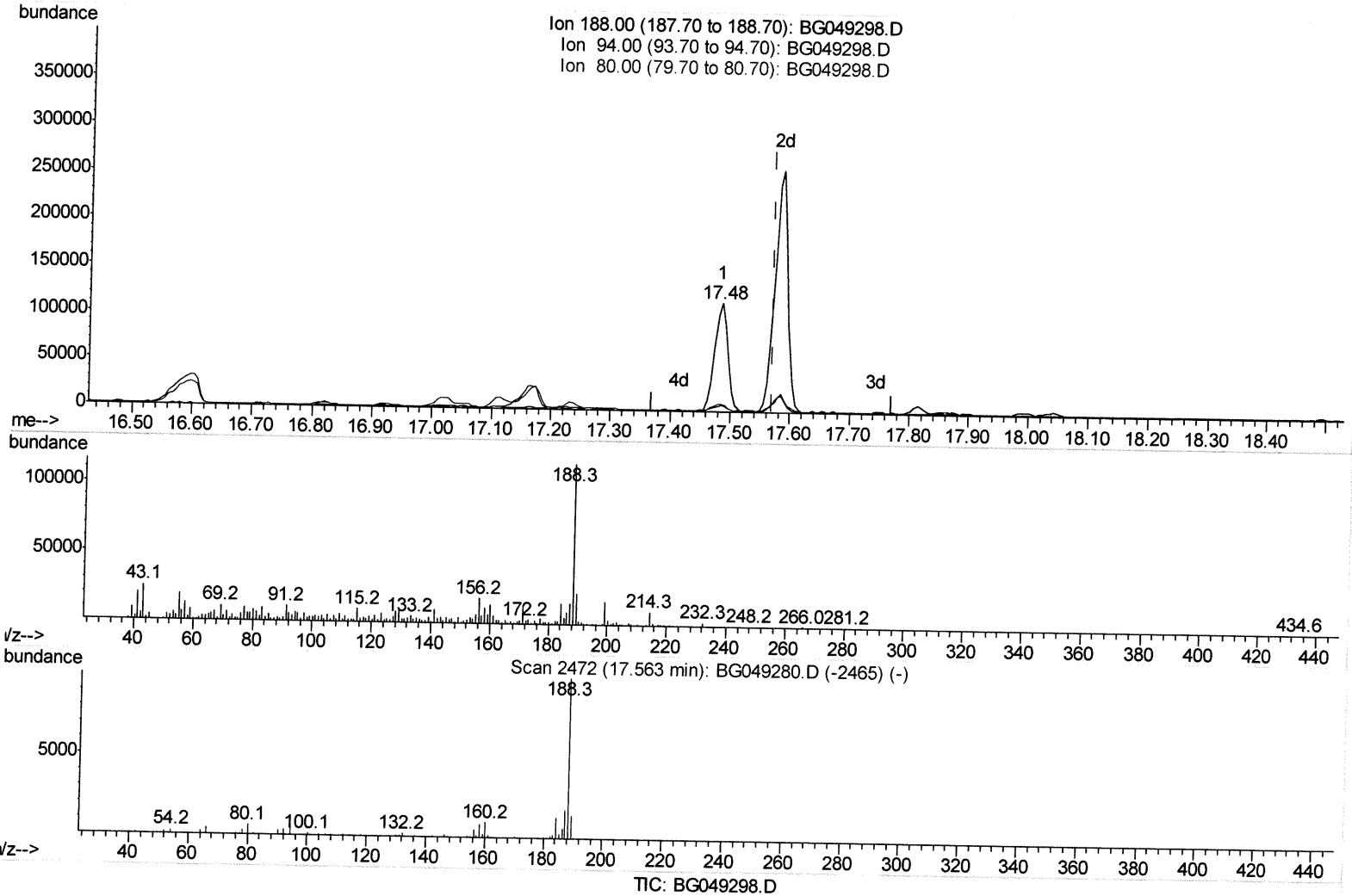
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:50:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(73) Anthracene-d10 (S)

17.485min (-0.086) 21.97ng/ul

response 176553

Ion	Exp%	Act%
188.00	100	100
94.00	6.10	5.72
80.00	6.30	7.15
0.00	0.00	0.00

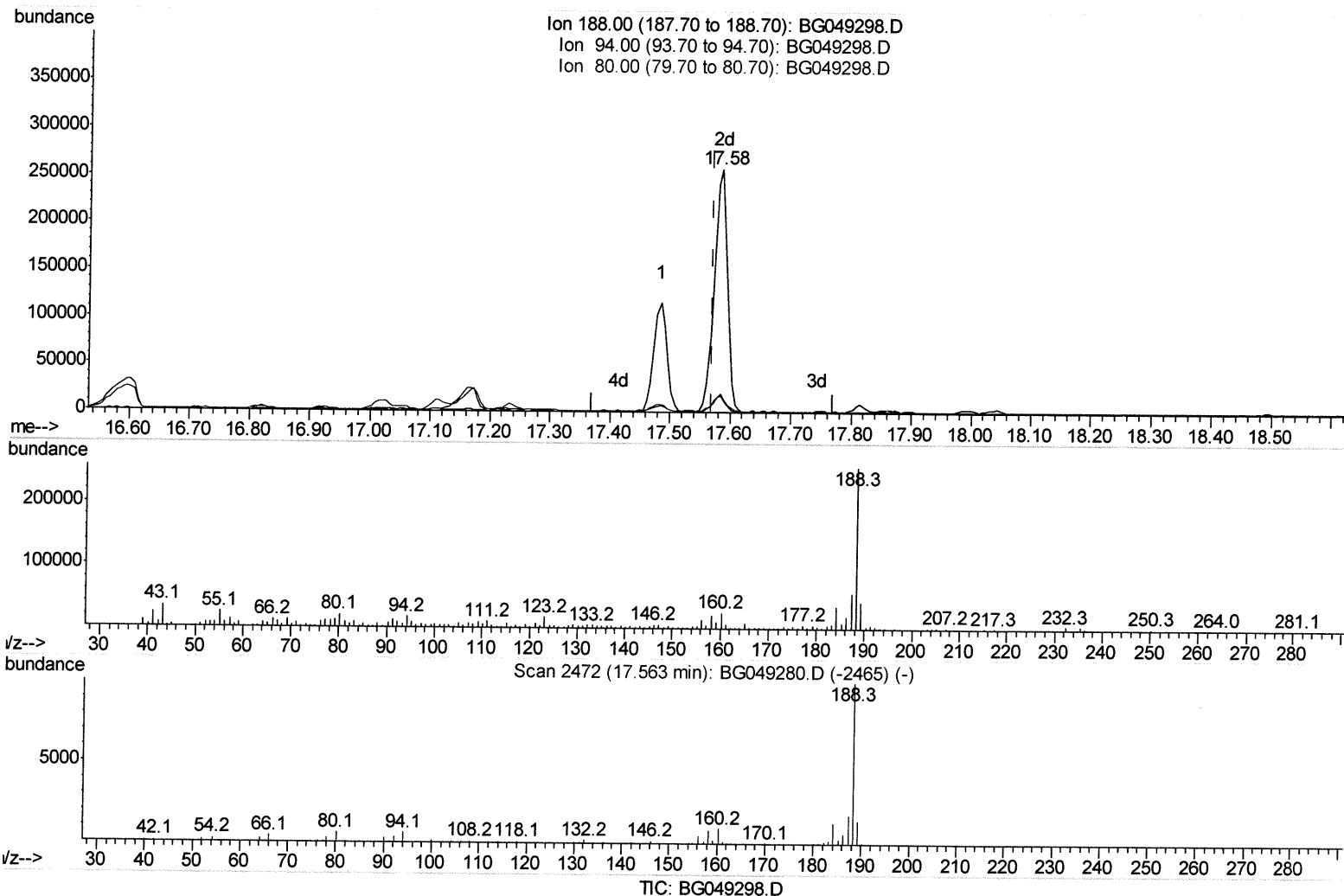
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 02:50:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(73) Anthracene-d10 (S)

17.585min (+0.014) 48.64ng/ul m

response 390851

Ion	Exp%	Act%
188.00	100	100
94.00	6.10	6.73
80.00	6.30	7.88#
0.00	0.00	0.00

547/15/21

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:36:25 PM

Quant Time: Jul 12 04:45:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28231	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	119122	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	85117	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	176502	20.00	ng/ul	0.01
79) Chrysene-d12	21.76	240	179249	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	186694	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	4203	7.00	ng/uL	0.00
4) Pividine-d5	3.90	84	27791	15.75	ng/ul	0.01
7) Phenol-d5	7.21	99	9496	3.87	ng/ul	-0.02
9) Bis-(2-Chloroethyl)ether-d	7.40	67	61504	43.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.66	132	59069	32.55	ng/ul	0.05
15) 4-Methylphenol-d8	8.84	113	60421m	30.71	ng/ul	0.06
21) Nitrobenzene-d5	9.25	128	45465	49.74	ng/ul	0.01
24) 2-Nitrophenol-d4	9.98	143	46600	44.41	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	85880	41.94	ng/ul	0.04
31) 4-Chloroaniline-d4	11.02	131	23690m	8.88	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	294190	44.94	ng/ul	0.03
49) Acenaphthylene-d8	14.42	160	355328	46.26	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	4609	4.25	ng/ul	0.00
60) Fluorene-d10	15.72	176	251239	45.33	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.85	200	34123	30.42	ng/ul	0.02
73) Anthracene-d10	17.58	188	390851m	48.64	ng/ul	0.01
81) Pyrene-d10	19.86	212	442510	48.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	481859	49.65	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.50	88	2224	3.043	ng/uL#	81
8) Phenol	7.36	94	227682	92.709	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.49	93	7529	4.123	ng/ul#	78
14) 2,2'-oxybis(1-Chloropropan	8.62	45	22652	7.712	ng/ul#	93
16) Acetophenone	8.89	105	71258	22.078	ng/ul#	43
18) 4-Methylphenol	8.91	108	6949m	3.571	ng/ul	74
23) Isophorone	9.83	82	310923	69.823	ng/ul#	96
26) 2,4-Dimethylphenol	10.10	107	17515m	7.389	ng/ul	73
27) Bis(2-Chloroethoxy)methane	10.35	93	17142	7.220	ng/ul#	73
29) 2,4-Dichlorophenol	10.63	162	15558m	8.316	ng/ul	97
30) Naphthalene	10.96	128	176027	29.638	ng/ul	55
35) 4-Chloro-3-methylphenol	12.20	107	2614	1.251	ng/ul#	98
36) 2-Methylnaphthalene	12.56	142	66541	14.746	ng/ul	96
37) 1-Methylnaphthalene	12.78	142	66157	14.743	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.19	196	4642	2.684	ng/ul	79
42) 2,4,5-Trichlorophenol	13.31	196	30260m	16.451	ng/ul	74
43) 1,1'-Biphenyl	13.56	154	14094	2.451	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.39	232	161862m	93.842	ng/ul	74
61) Fluorene	15.77	166	7418	1.247	ng/ul#	93
71) Pentachlorophenol	17.17	266	1853764	1393.132	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049298.D
Acq On : 11 Jul 2021 14:12
Operator : CG/JU
Sample : M2958-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK27

Manual Integrations
APPROVED

mohammad
7/12/2021 12:36:25 PM

Quant Time: Jul 12 04:45:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev(Min)

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