

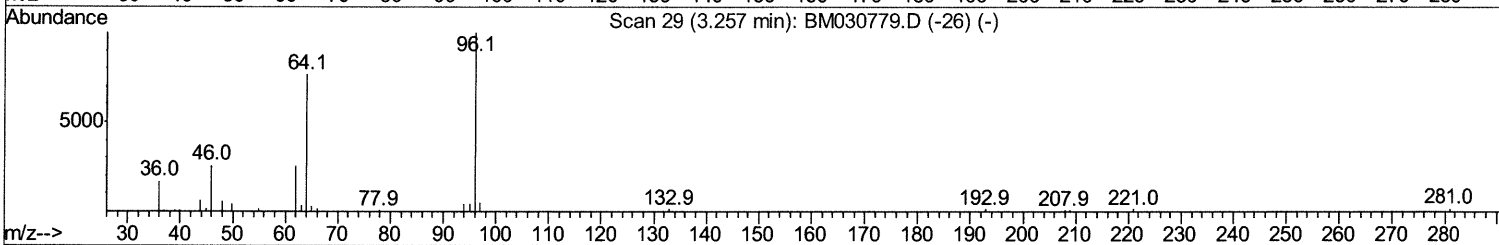
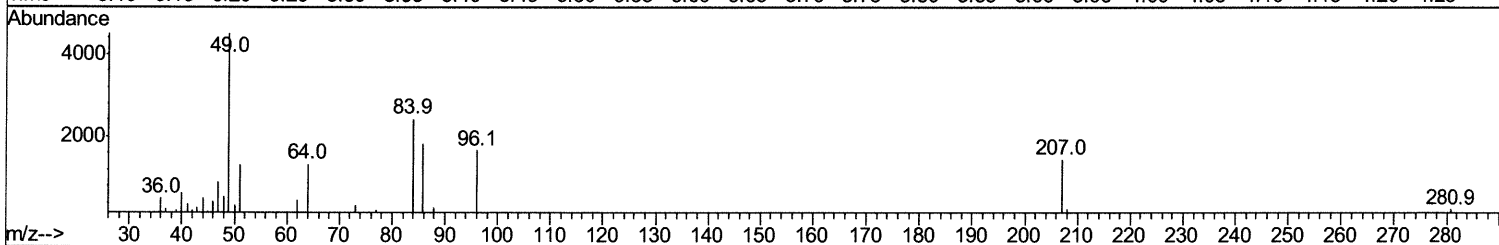
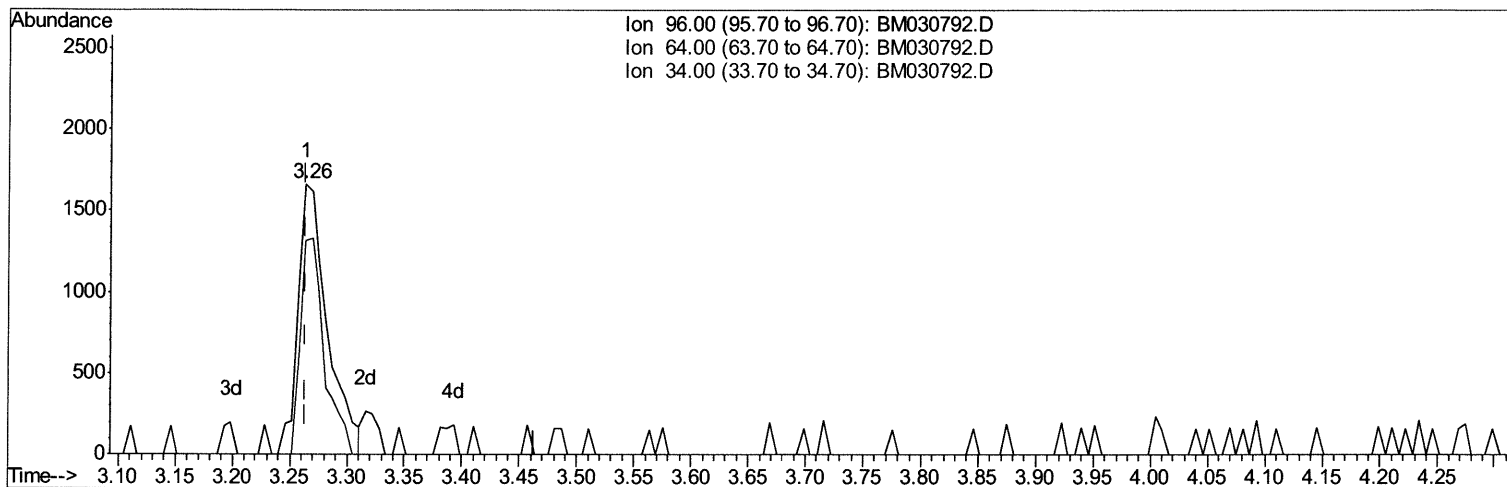
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
APPROVED

mohammad
7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:40:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 02:08:39 2021
Response via : Initial Calibration



TIC: BM030792.D

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

3.263min (+0.000) 1.70ng/uL

response 2975

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	79.06
34.00	0.00	0.00
0.00	0.00	0.00

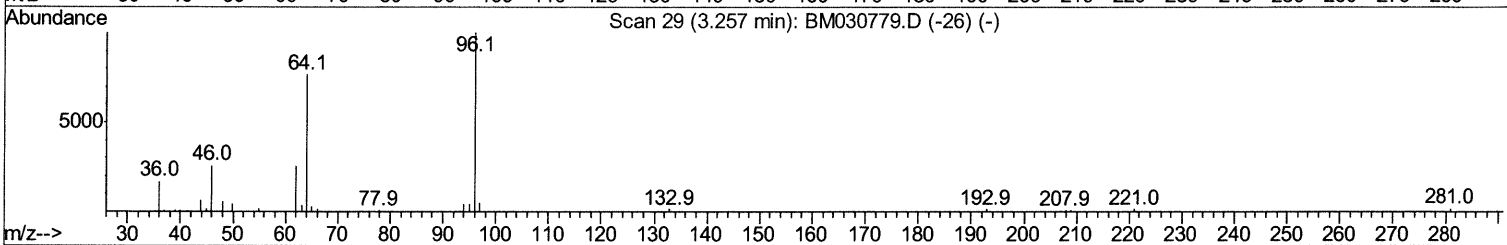
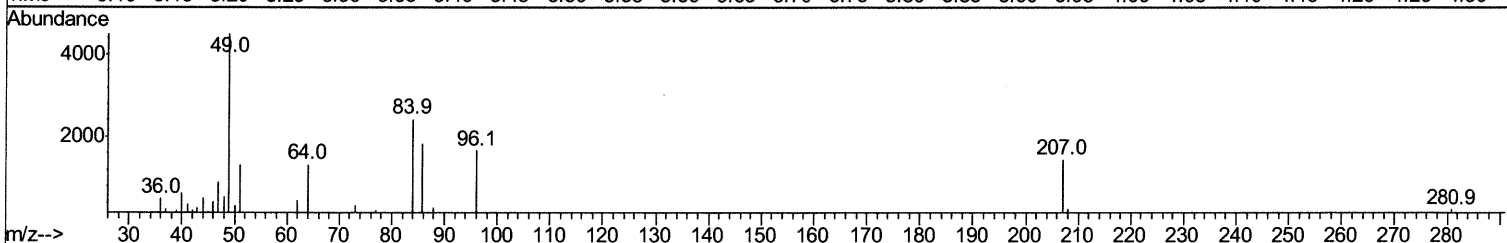
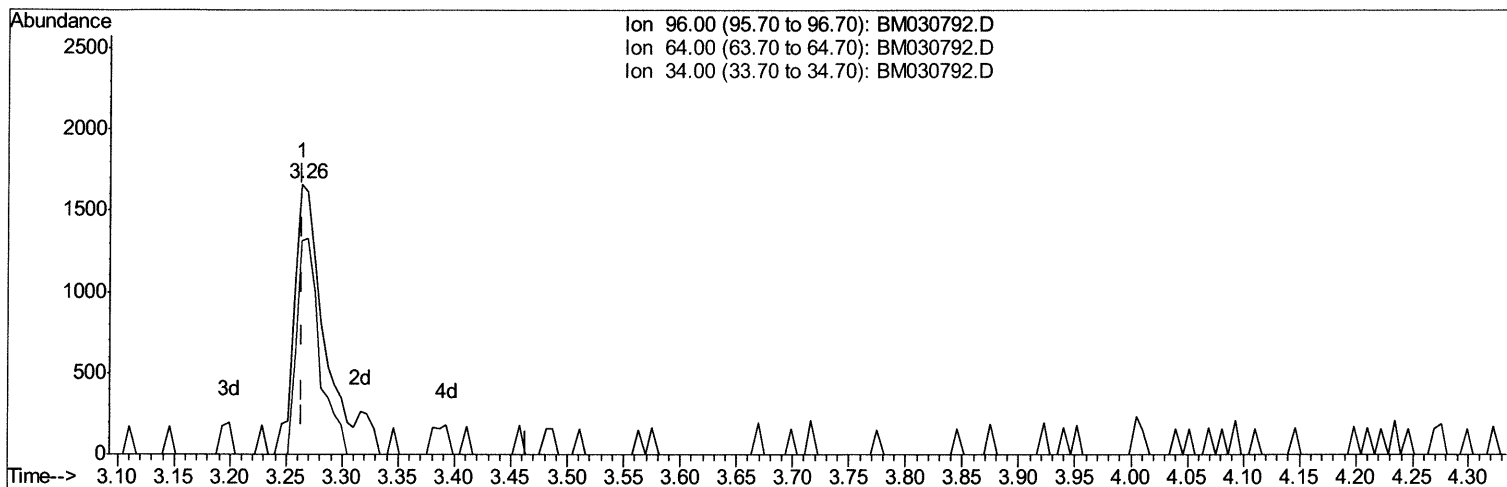
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Jul 03 02:40:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 02:08:39 2021
Response via : Initial Calibration



TIC: BM030792.D

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

3.263min (+0.000) 1.83ng/uL m

response 3213

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	79.06
34.00	0.00	0.00
0.00	0.00	0.00

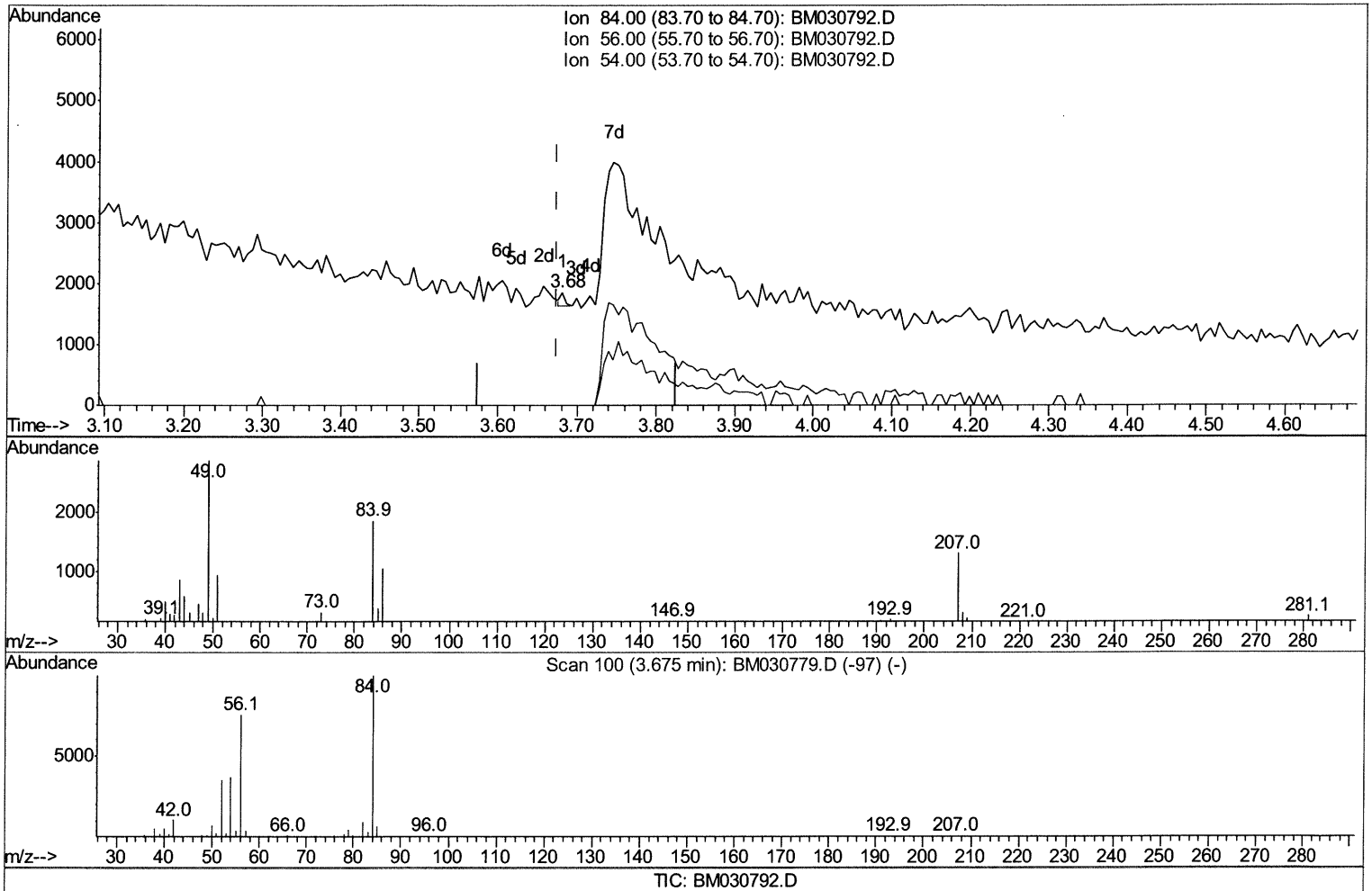
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:40:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 02:08:39 2021
Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.681min (+0.006) 0.02ng/ul

response 85

Ion	Exp%	Act%
84.00	100	100
56.00	73.70	0.00#
54.00	35.80	0.00#
0.00	0.00	0.00

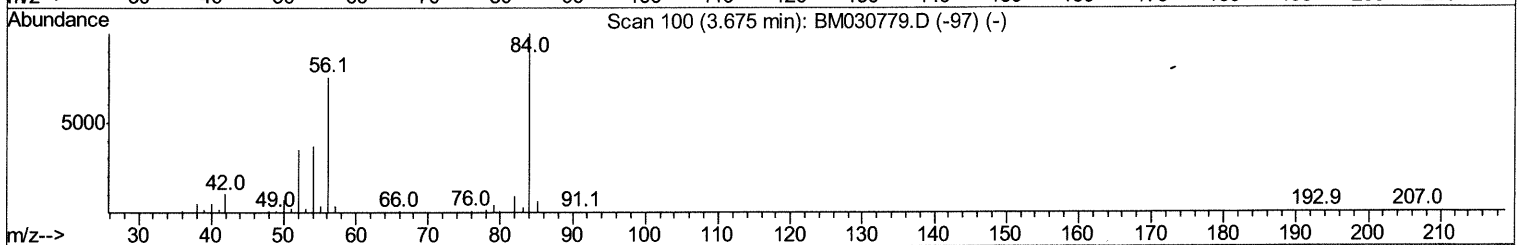
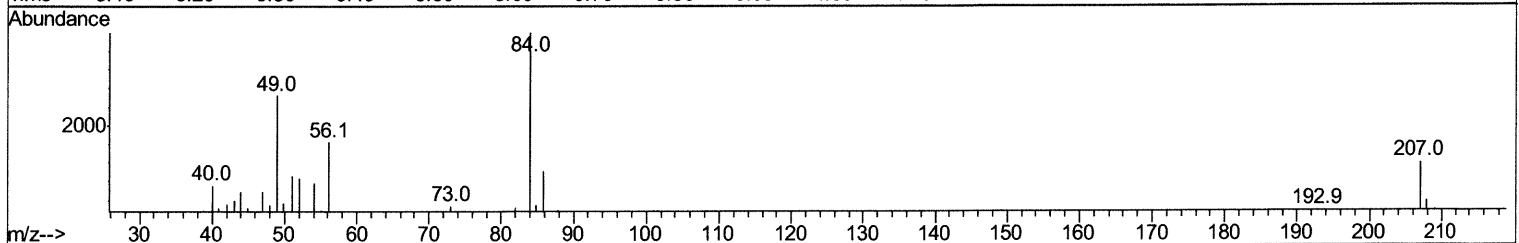
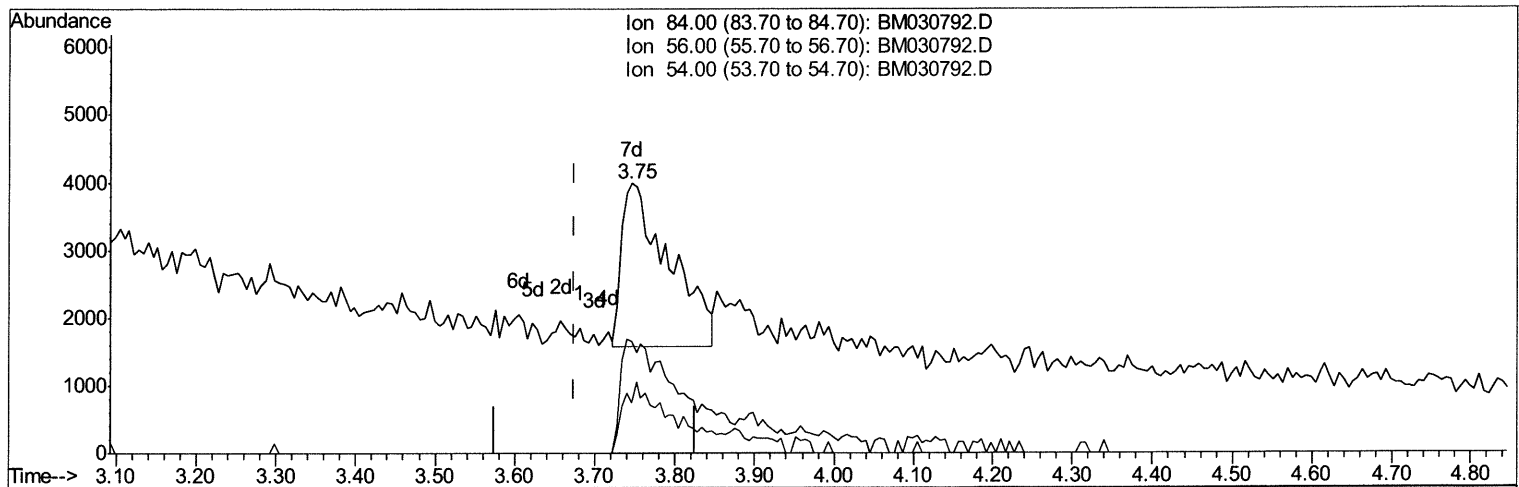
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:40:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 02:08:39 2021
Response via : Initial Calibration



TIC: BM030792.D

(4) Pyridine-d5 (S)

3.746min (+0.071) 2.11ng/ul m

response 9915

Ju 7/7/21

Ion	Exp%	Act%
84.00	100	100
56.00	73.70	41.23#
54.00	35.80	18.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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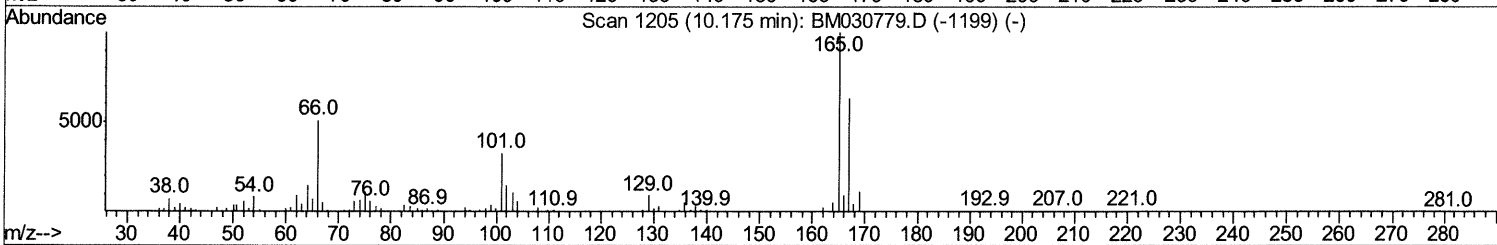
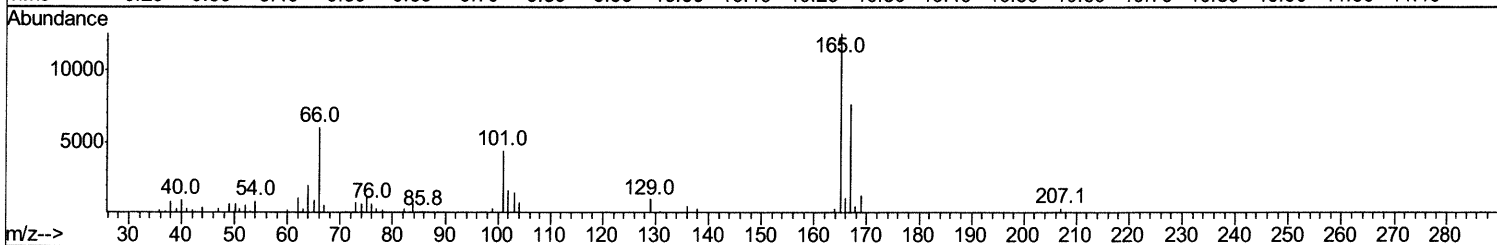
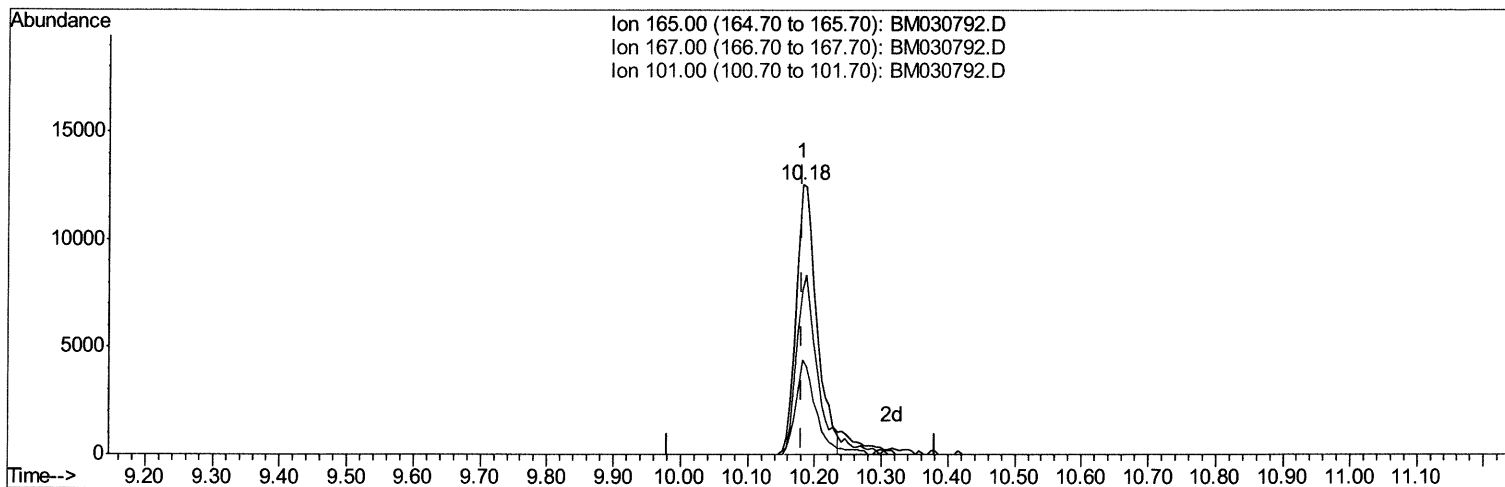
Quant Time: Jul 03 02:41:32 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Jul 03 02:08:39 2021

Response via : Initial Calibration



TIC: BM030792.D

(28) 2,4-Dichlorophenol-d3 (S)

10.181min (+0.000) 6.33ng/ul

response 26923

Ion	Exp%	Act%
165.00	100	100
167.00	61.40	61.00
101.00	32.90	35.13
0.00	0.00	0.00

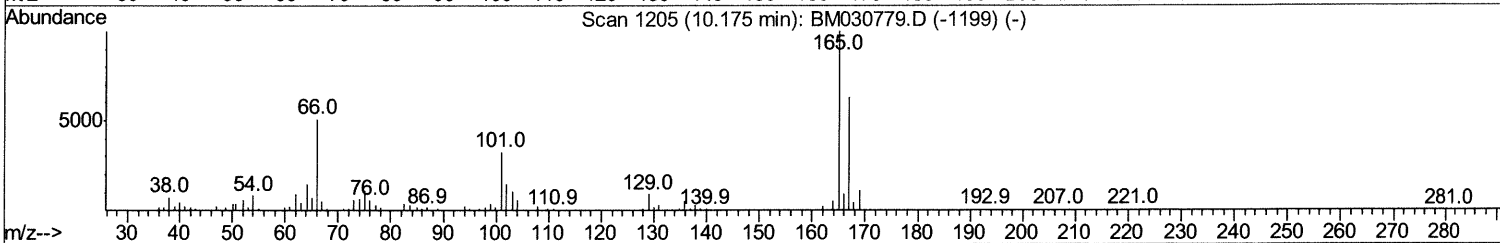
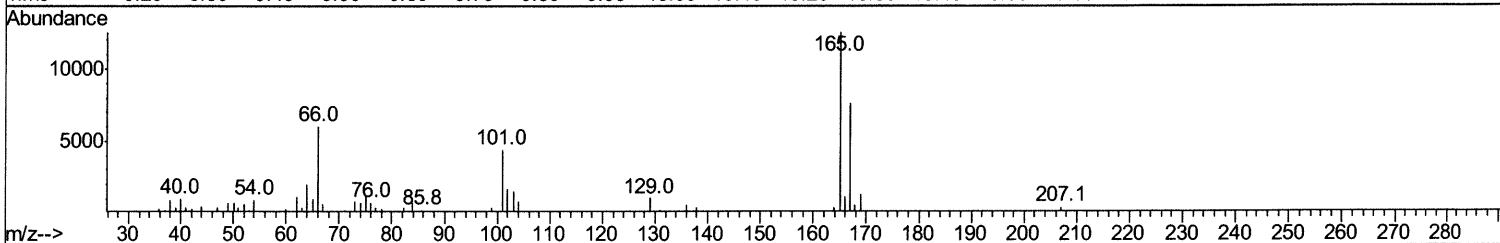
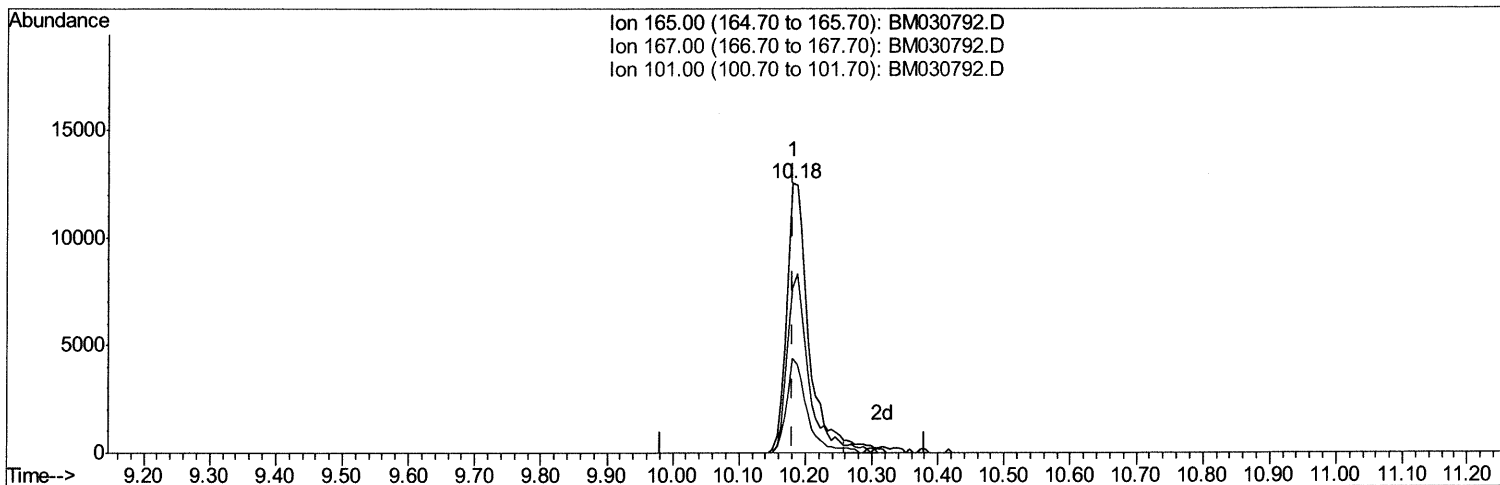
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:41:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 02:08:39 2021
Response via : Initial Calibration



TIC: BM030792.D

(28) 2,4-Dichlorophenol-d3 (S)

10.181min (+0.000) 6.62ng/ul m

response 28138

Ion	Exp%	Act%
165.00	100	100
167.00	61.40	61.00
101.00	32.90	35.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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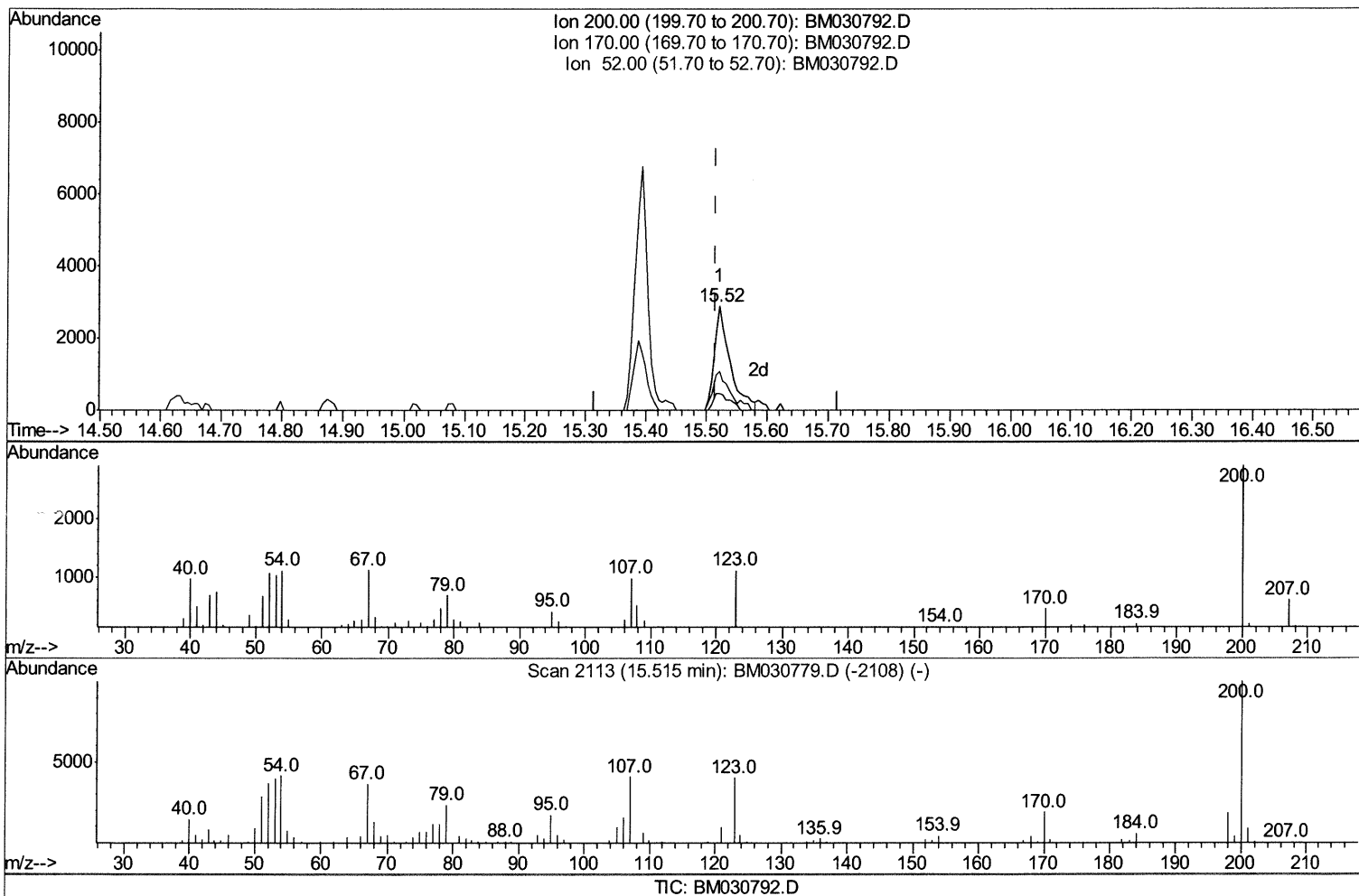
Quant Time: Jul 03 02:42:03 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Jul 03 02:08:39 2021

Response via : Initial Calibration



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.521min (+0.006) 2.54ng/ul

response 5153

Ion	Exp%	Act%
200.00	100	100
170.00	18.90	16.50
52.00	46.60	37.25#
0.00	0.00	0.00

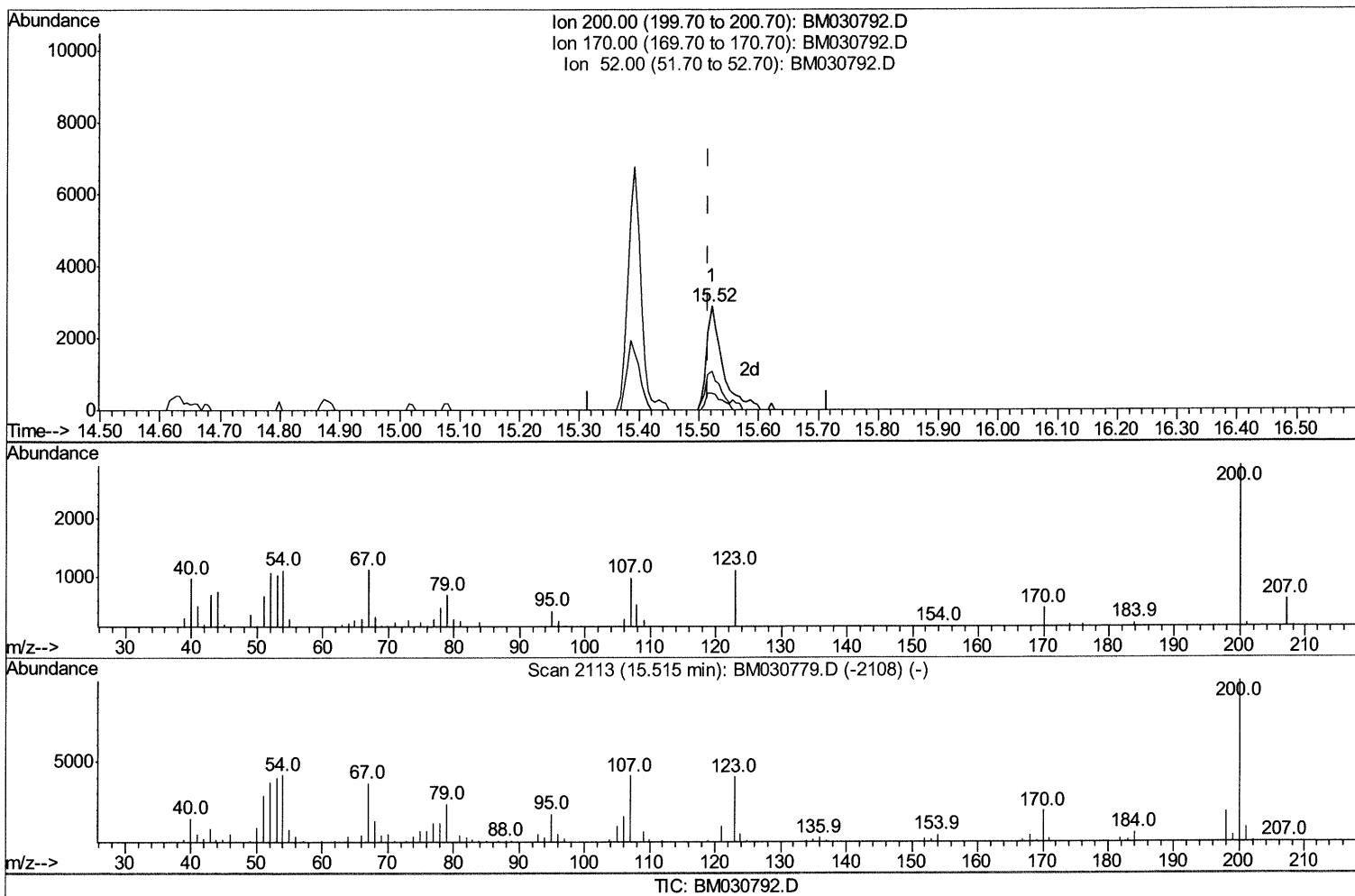
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Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:42:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 02:08:39 2021
Response via : Initial Calibration



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.521min (+0.006) 2.65ng/ul m

response 5375

Ion	Exp%	Act%
200.00	100	100
170.00	18.90	16.50
52.00	46.60	37.25#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\

Data File : BM030792.D

Acq On : 03 Jul 2021 01:59

Operator : CG/JU

Sample : M2869-10

Misc :

ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BGDY0

Manual Integrations
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7/6/2021 9:25:22 AM

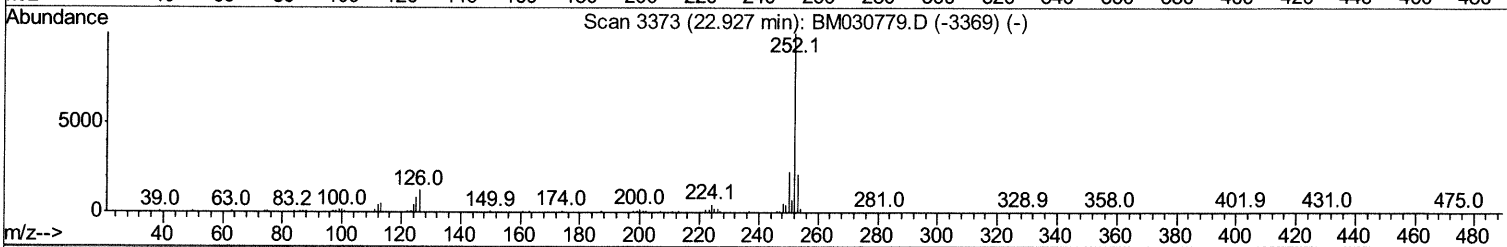
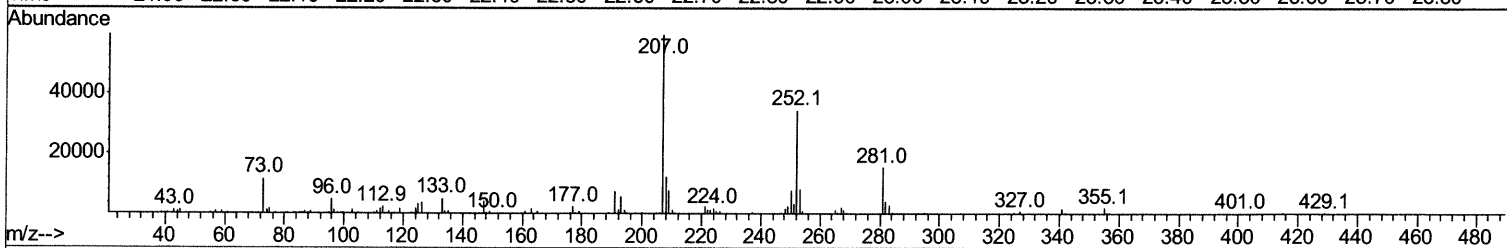
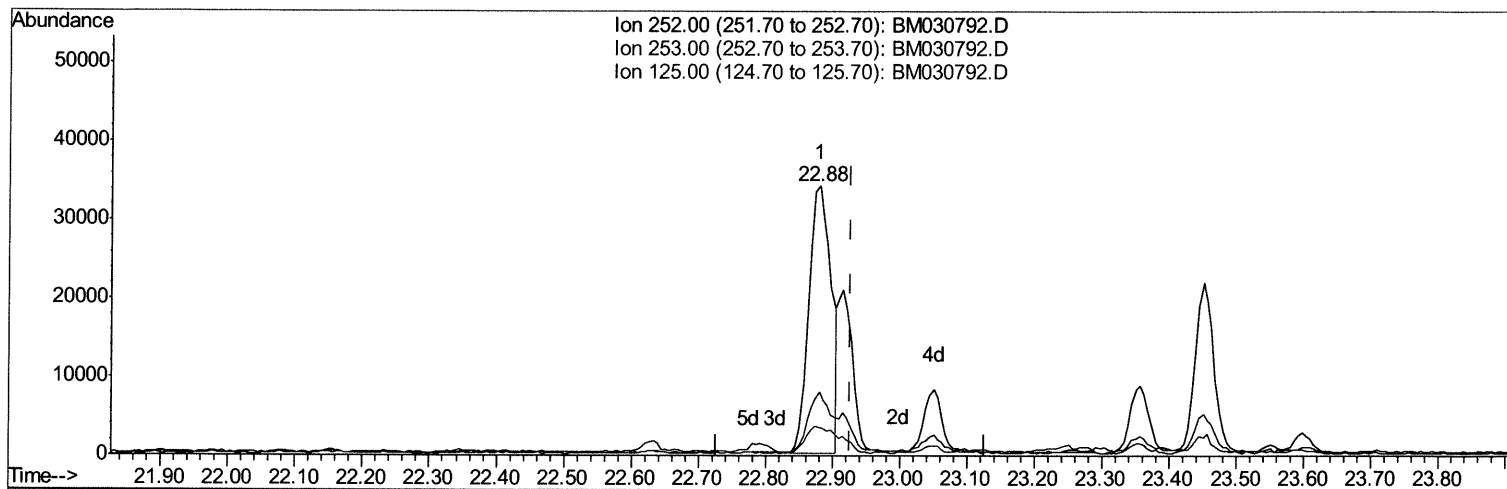
Quant Time: Jul 03 02:42:36 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Jul 03 02:08:39 2021

Response via : Initial Calibration



TIC: BM030792.D

(91) Benzo(k)fluoranthene

22.880min (-0.047) 3.23ng/ul

response 77920

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.80
125.00	9.90	10.51
0.00	0.00	0.00

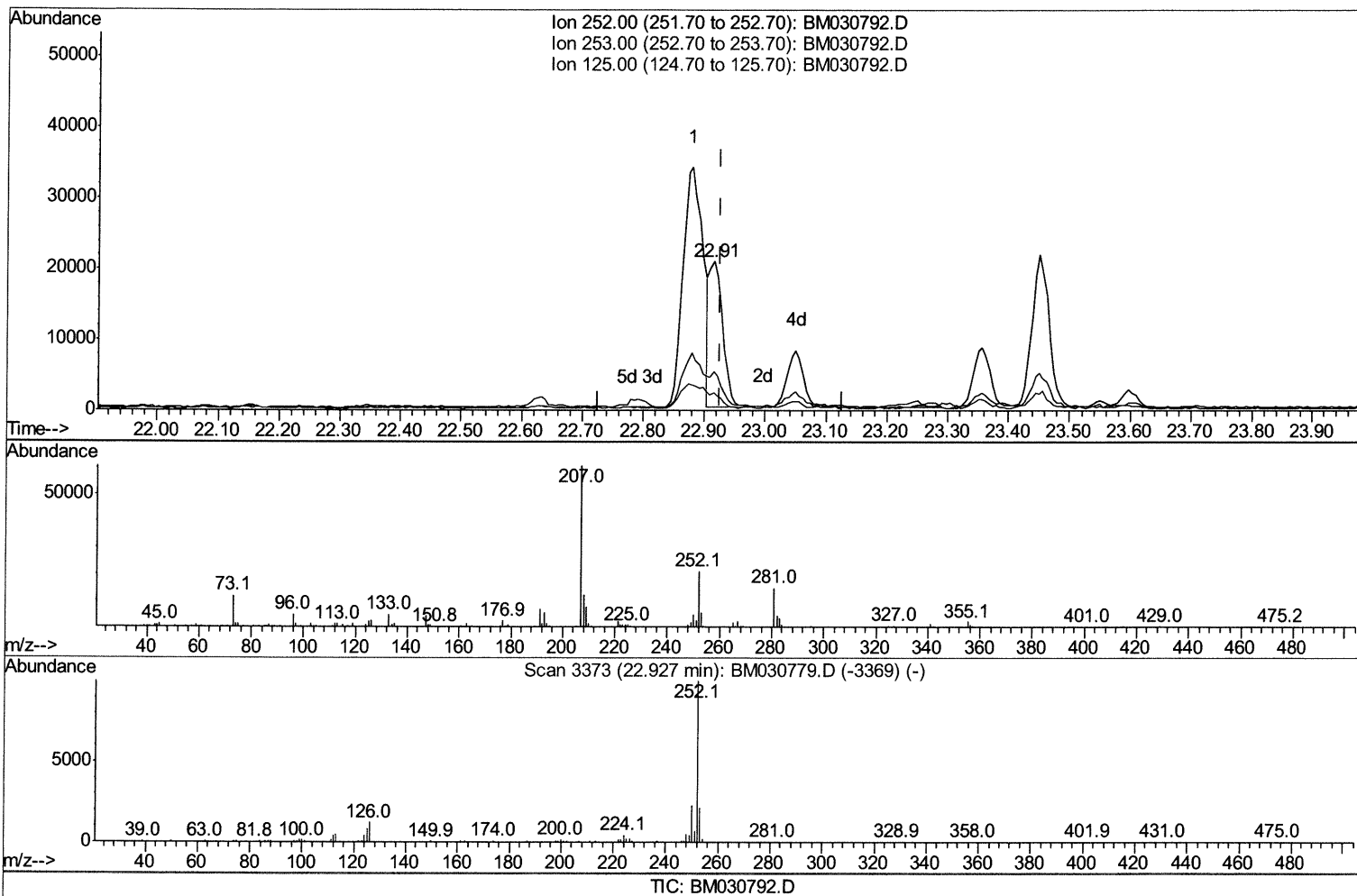
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Data File : BM030792.D
Acq On : 03 Jul 2021 01:59
Operator : CG/JU
Sample : M2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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mohammad
7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:42:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 02:08:39 2021
Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.915min (-0.012) 1.28ng/ul m

response 30947

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	26.16#
125.00	9.90	11.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
 Data File : BM030792.D
 Acq On : 03 Jul 2021 01:59
 Operator : CG/JU
 Sample : M2869-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDY0

Manual Integrations
 APPROVED

mohammad
 7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:43:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 03 02:08:39 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	71017	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	267669	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	153779	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	310034	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	353395	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	395668	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	3213m	1.83	ng/ul	0.00	JUL 7/2/21
4) Pyridine-d5	3.75	84	9915m	2.11	ng/ul	0.07	
7) Phenol-d5	6.94	99	42493	6.94	ng/ul	0.00	
9) Bis-(2-Chloroethyl) ether-d	7.10	67	29802	7.74	ng/ul	0.00	JUL 7/2/21
11) 2-Chlorophenol-d4	7.30	132	36042	7.62	ng/ul	0.00	
15) 4-Methylphenol-d8	8.47	113	30904	6.48	ng/ul	0.00	
21) Nitrobenzene-d5	8.93	128	14913	7.47	ng/ul	0.00	JUL 7/2/21
24) 2-Nitrophenol-d4	9.65	143	15132	6.82	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.18	165	28138m	6.62	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.70	131	36297	6.12	ng/ul	0.01	JUL 7/2/21
46) Dimethylphthalate-d6	13.81	166	90875	8.56	ng/ul	0.00	
49) Acenaphthylene-d8	14.09	160	107426	7.79	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.63	143	5870	2.92	ng/ul	0.03	JUL 7/2/21
60) Fluorene-d10	15.39	176	82199	8.73	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.52	200	5375m	2.65	ng/ul	0.00	
73) Anthracene-d10	17.23	188	120424	8.32	ng/ul	0.00	JUL 7/2/21
81) Pyrene-d10	19.52	212	139460	7.53	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.41	264	140386	6.82	ng/ul	0.00	

Target Compounds

					Ovalue
47) Dimethylphthalate	13.86	163	34608	3.327 ng/ul#	98
72) Phenanthrene	17.18	178	21254	1.277 ng/ul	100
80) Fluoranthene	19.19	202	97199	4.298 ng/ul	97
82) Pyrene	19.55	202	73872	3.109 ng/ul	98
85) Benzo(a)anthracene	21.29	228	72572	3.309 ng/ul	98
87) Chrysene	21.34	228	59983	2.806 ng/ul	97
90) Benzo(b)fluoranthene	22.88	252	77920	3.102 ng/ul	97
91) Benzo(k)fluoranthene	22.91	252	30947m	1.282 ng/ul	97
93) Benzo(a)pyrene	23.45	252	41823	1.852 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.82	276	29422	1.035 ng/ul	95

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