

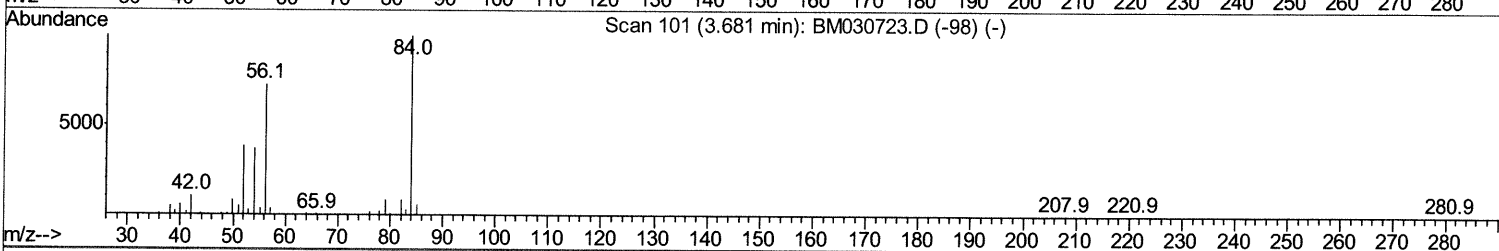
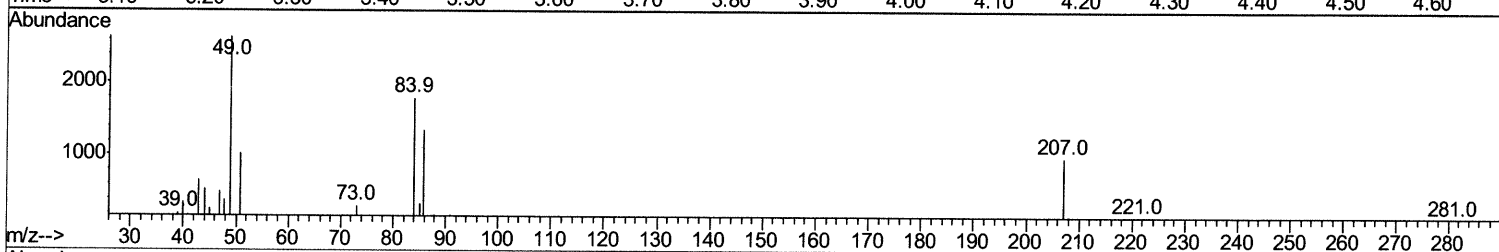
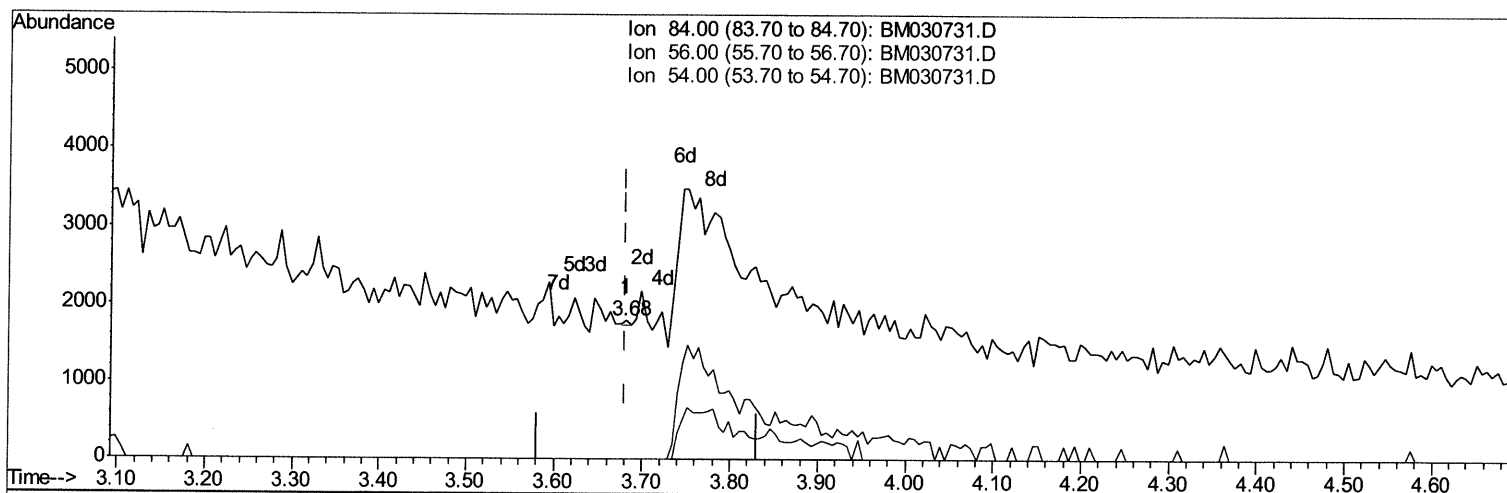
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030731.D
Acq On : 01 Jul 2021 07:40
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP7

Manual Integrations
APPROVED

mohammad
7/1/2021 2:55:59 PM

Quant Time: Jul 01 08:45:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 08:38:32 2021
Response via : Initial Calibration



TIC: BM030731.D

(4) Pyridine-d5 (S)

3.681min (-0.000) 0.00ng/ul

response 23

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

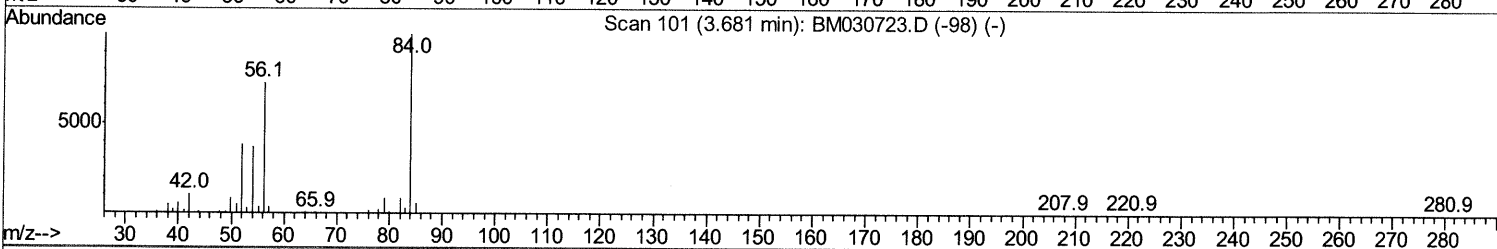
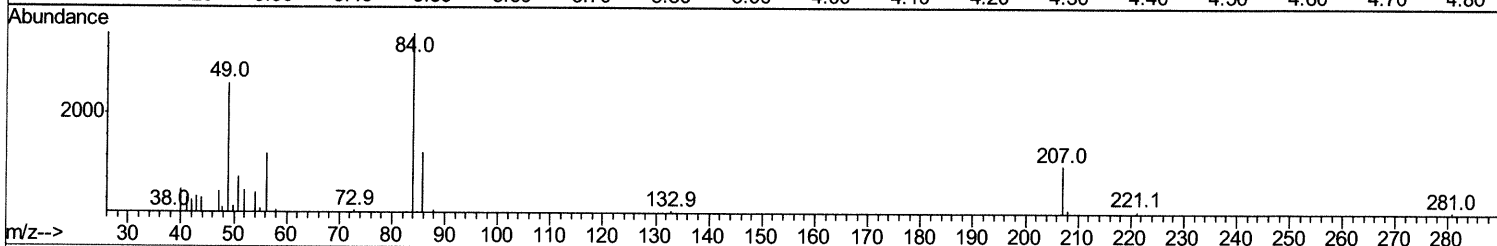
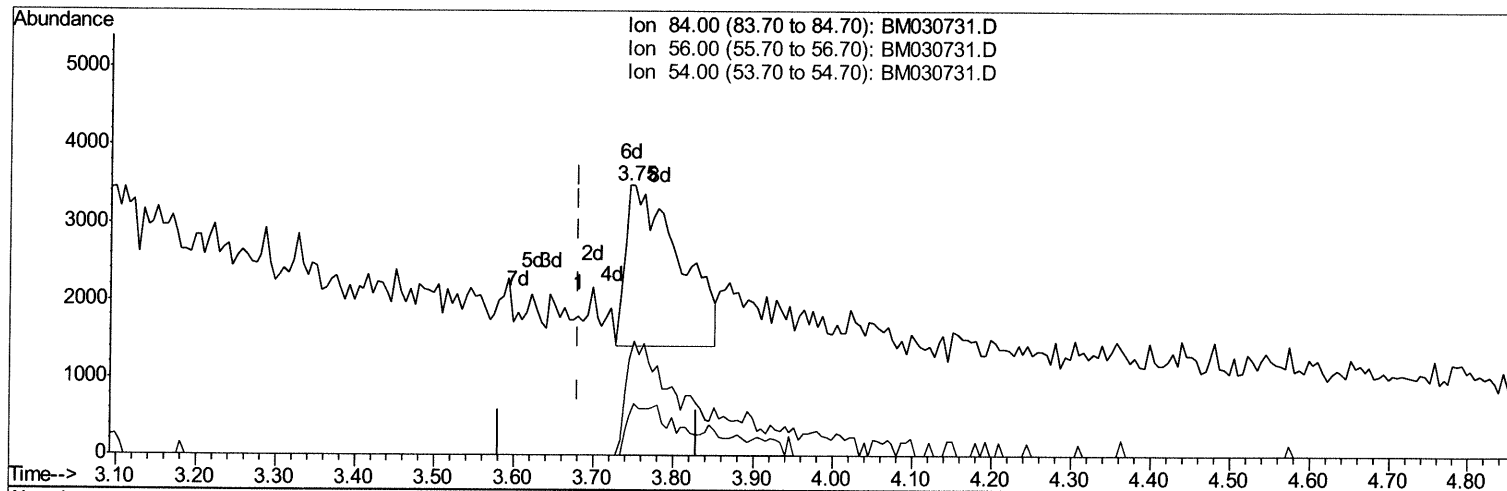
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TIC: BM030731.D

(4) Pyridine-d5 (S)

3.746min (+0.065) 1.51ng/ul m

07/07/21 JU

response 9702

Ion	Exp%	Act%
84.00	100	100
56.00	73.70	35.52#
54.00	35.80	14.79#
0.00	0.00	0.00

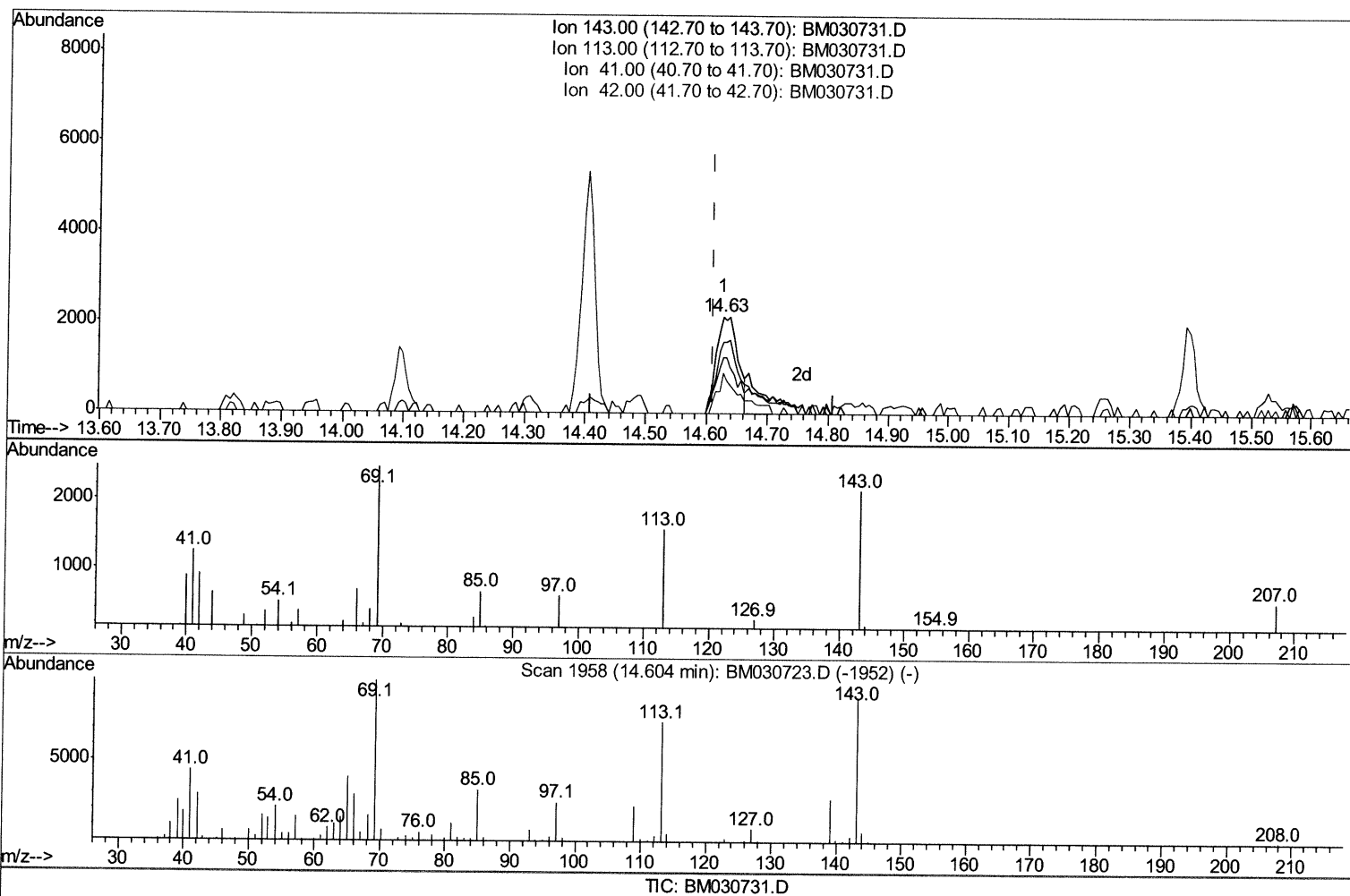
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030731.D
Acq On : 01 Jul 2021 07:40
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP7

Manual Integrations
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Quant Time: Jul 01 08:56:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 08:38:32 2021
Response via : Initial Calibration



(54) 4-Nitrophenol-d4 (S)

14.627min (+0.018) 1.92ng/ul

response 5318

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	73.20
41.00	44.10	57.83#
42.00	30.20	42.36#

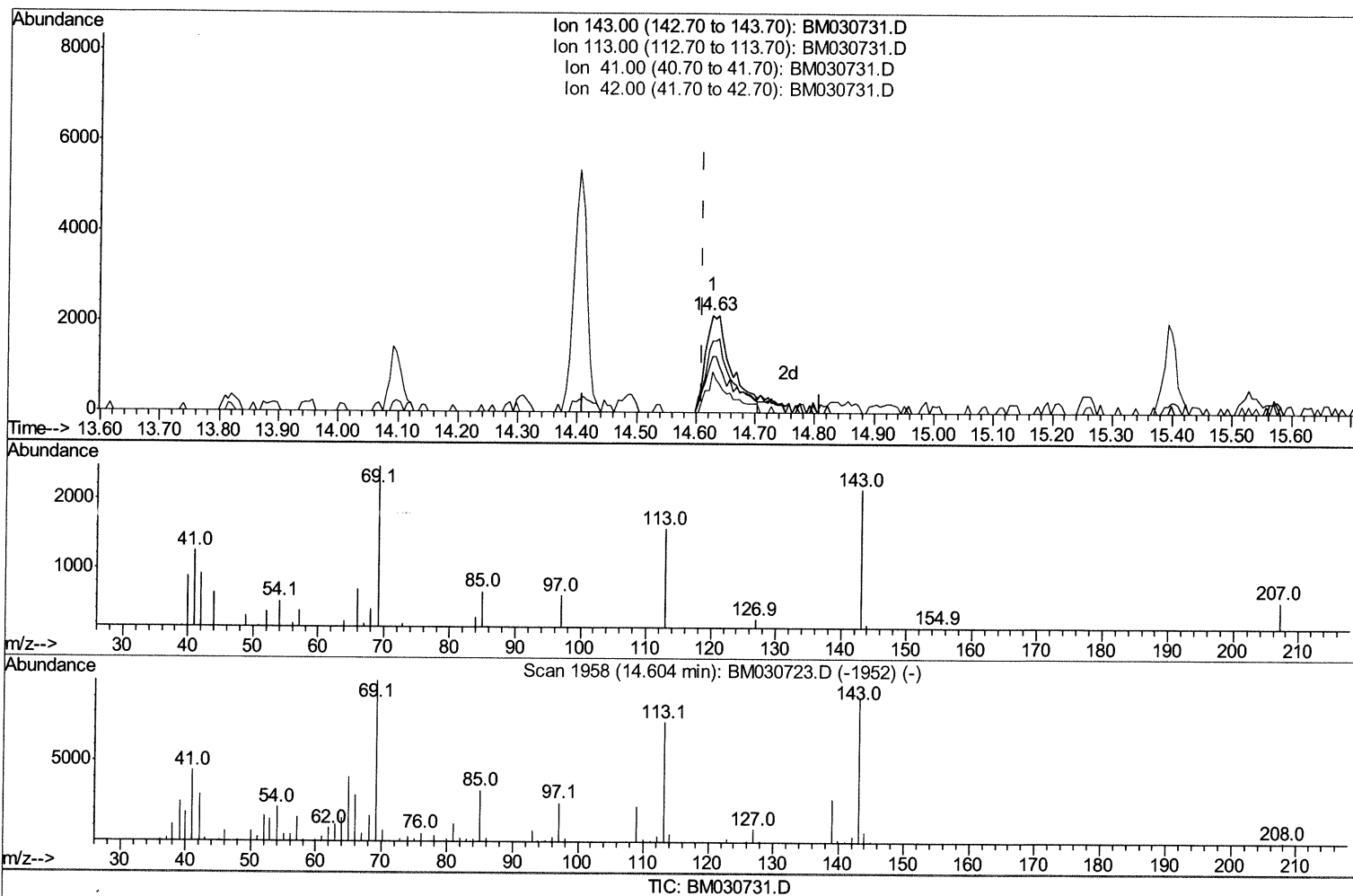
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030731.D
Acq On : 01 Jul 2021 07:40
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP7

Manual Integrations
APPROVED

mohammad
7/1/2021 2:55:59 PM

Quant Time: Jul 01 08:56:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 08:38:32 2021
Response via : Initial Calibration



(54) 4-Nitrophenol-d4 (S)

14.627min (+0.018) 2.39ng/ul m

07/07/21 JU

response 6615

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	73.20
41.00	44.10	57.83#
42.00	30.20	42.36#

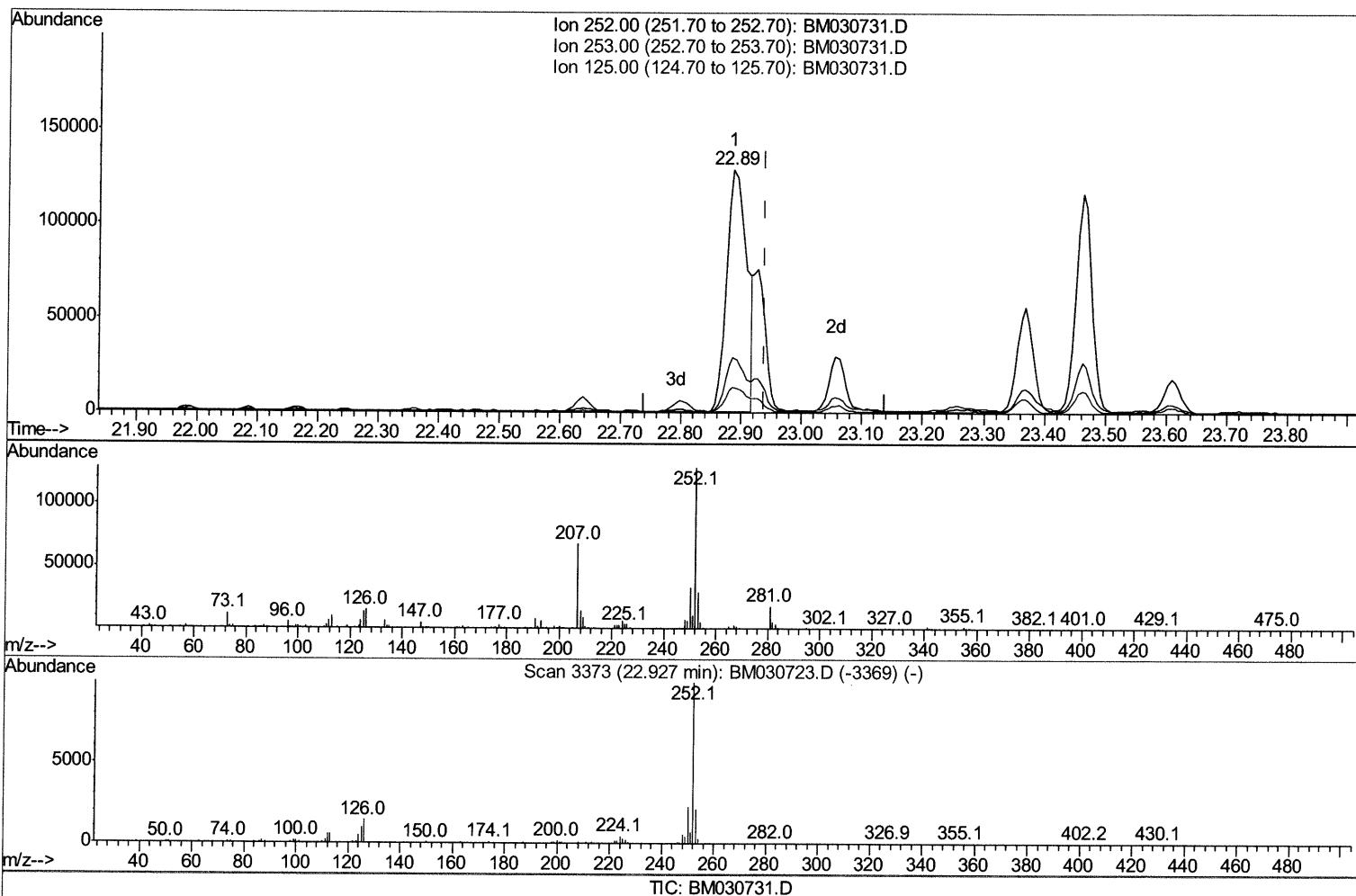
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030731.D
Acq On : 01 Jul 2021 07:40
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP7

Manual Integrations
APPROVED

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Quant Time: Jul 01 09:01:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 08:38:32 2021
Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.886min (-0.053) 9.58ng/ul

response 297758

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.75
125.00	9.90	10.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030731.D
Acq On : 01 Jul 2021 07:40
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP7

Manual Integrations
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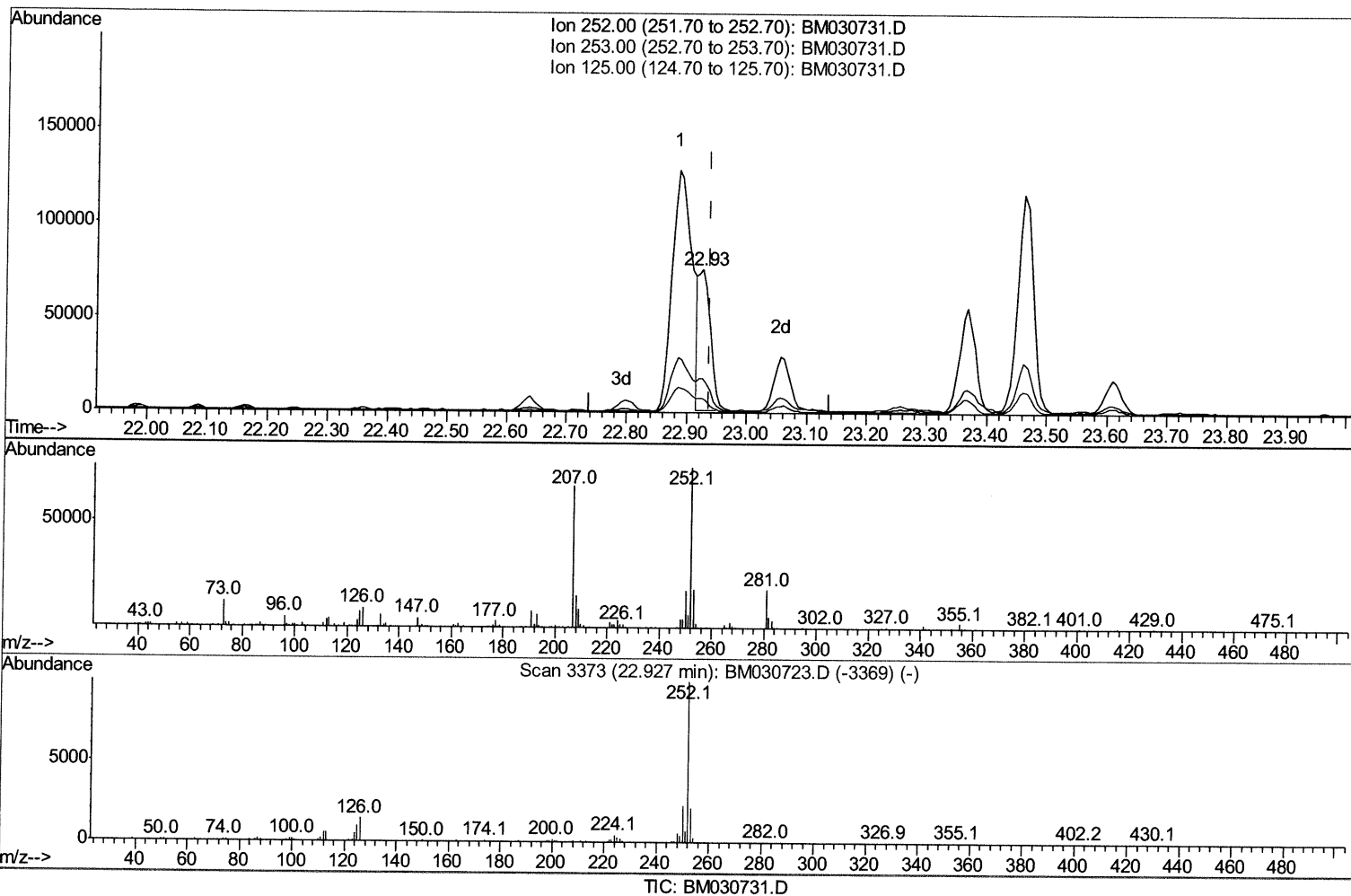
Quant Time: Jul 01 09:01:44 2021

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jul 01 08:38:32 2021

Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.927min (-0.012) 3.34ng/ul m 07/07/21 JU

response 103821

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.23
125.00	9.90	9.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
 Data File : BM030731.D
 Acq On : 01 Jul 2021 07:40
 Operator : CG/JU
 Sample : M2808-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD7

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:55:59 PM

Quant Time: Jul 01 09:02:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 08:38:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96997	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	371007	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	211864	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	411906	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	439631	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	509396	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	3104	1.30	ng/ul	0.00	
4) Pyridine-d5	3.75	84	9702m	1.51	ng/ul	0.06	07/07/21 JU
7) Phenol-d5	6.95	99	49654	5.94	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	7.11	67	34106	6.49	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.31	132	44107	6.83	ng/ul	0.00	
15) 4-Methylphenol-d8	8.48	113	38000	5.84	ng/ul	0.00	
21) Nitrobenzene-d5	8.93	128	18380	6.64	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.65	143	19052	6.19	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.19	165	35301	5.99	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.71	131	42262	5.14	ng/ul	0.00	
46) Dimethylphthalate-d6	13.82	166	106057	7.25	ng/ul	0.00	
49) Acenaphthylene-d8	14.10	160	132581	6.98	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.63	143	6615m	2.39	ng/ul	0.02	07/07/21 JU
60) Fluorene-d10	15.40	176	97972	7.55	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.53	200	5777	2.14	ng/ul	0.00	
73) Anthracene-d10	17.24	188	146976	7.65	ng/ul	0.00	
81) Pyrene-d10	19.53	212	172728	7.50	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.41	264	195203	7.37	ng/ul	-0.01	

Target Compounds

						Ovalue
72) Phenanthrene	17.19	178	66131	2.990	ng/ul	100
74) Anthracene	17.27	178	43702	1.932	ng/ul	99
80) Fluoranthene	19.20	202	443653	15.769	ng/ul	97
82) Pvrene	19.56	202	395258	13.371	ng/ul	99
85) Benzo(a)anthracene	21.30	228	283691	10.398	ng/ul	96
87) Chrysene	21.34	228	228757	8.601	ng/ul	96
90) Benzo(b)fluoranthene	22.89	252	297758	9.207	ng/ul	98
91) Benzo(k)fluoranthene	22.93	252	103821m	3.340	ng/ul	97/07/21 JU
93) Benzo(a)pyrene	23.46	252	211458	7.272	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.84	276	132137	3.609	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.84	278	36545	1.204	ng/ul#	83

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