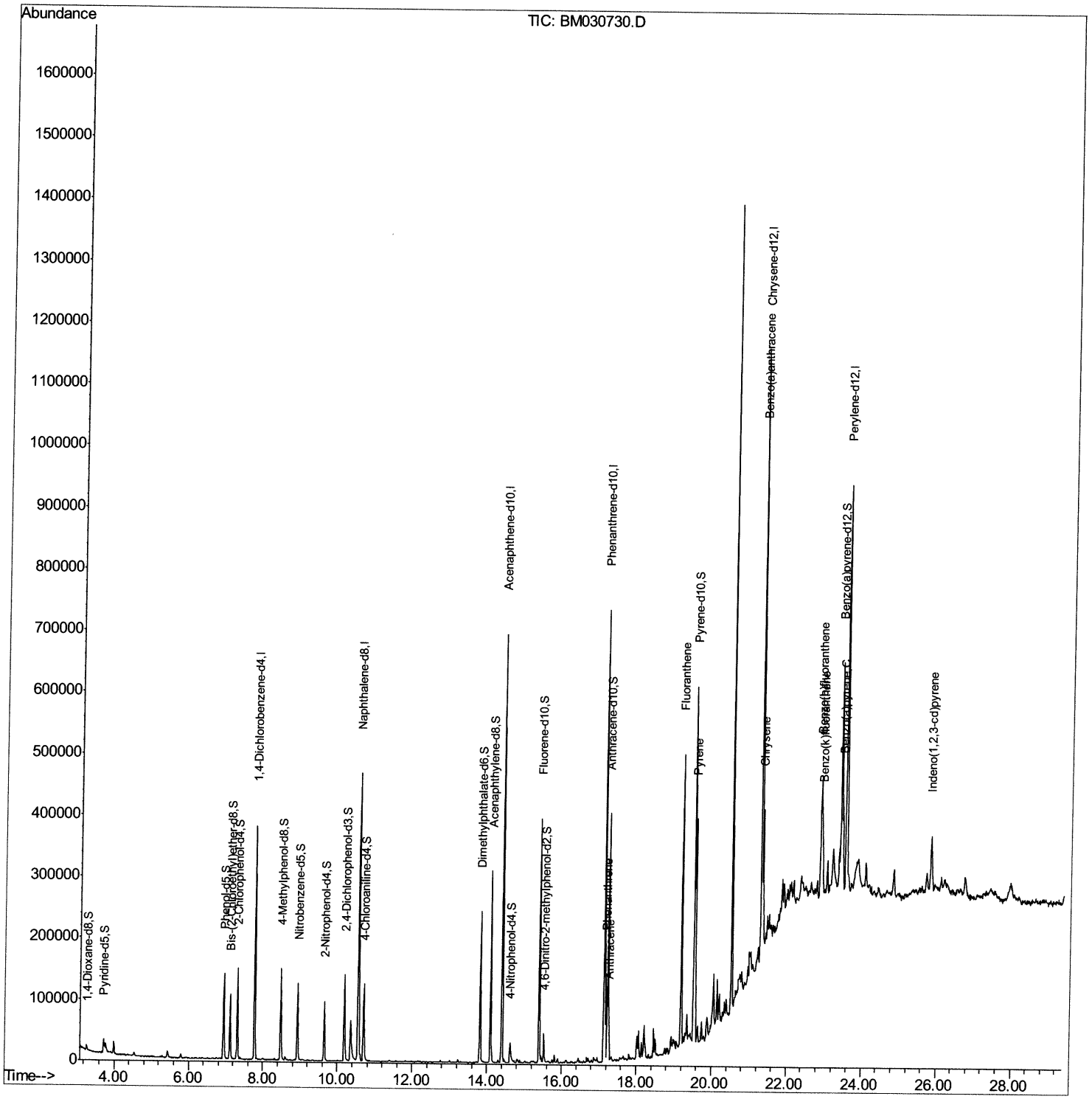
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 01 08:42:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM



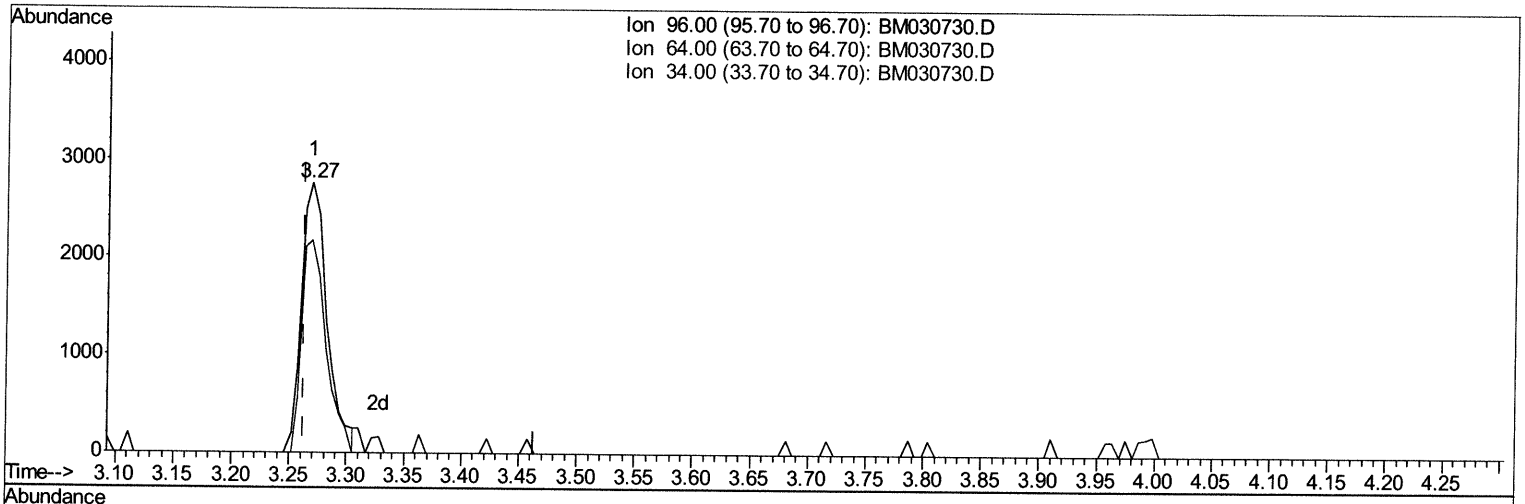
Quantitation Report (Qedit)

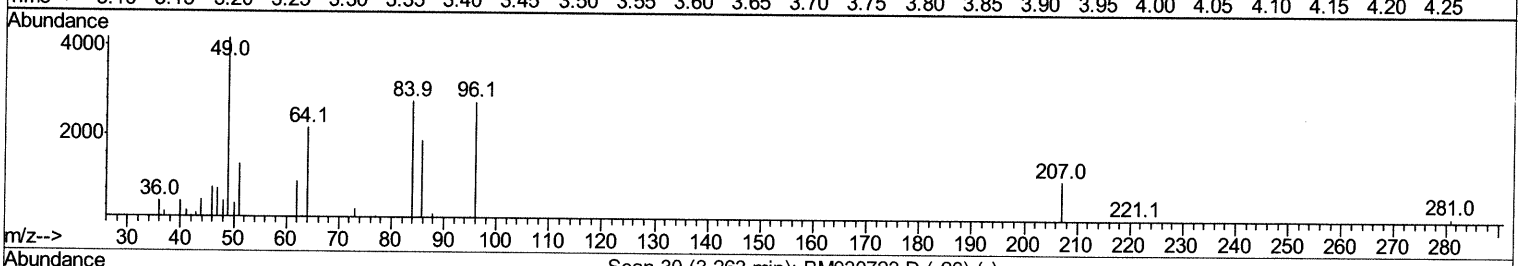
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

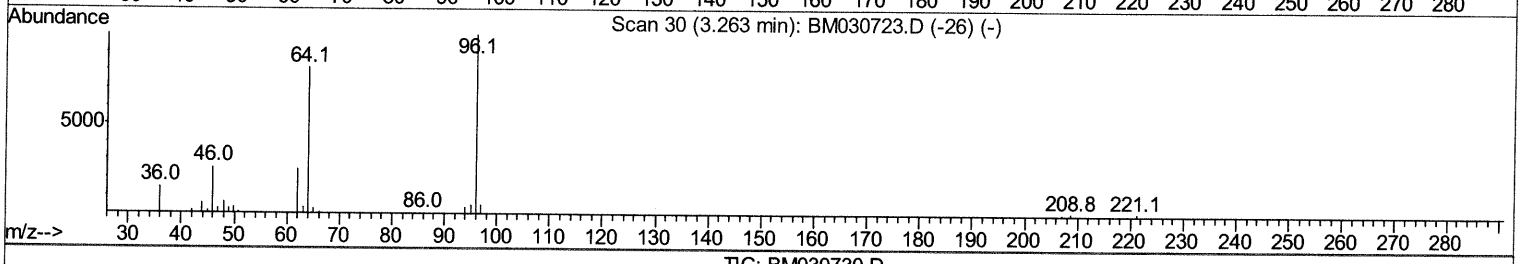
Quant Time: Jul 01 08:39:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM







TIC: BM030730.D

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

3.269min (+0.006) 1.71ng/uL

response 4209

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	78.63
34.00	0.00	0.00
0.00	0.00	0.00

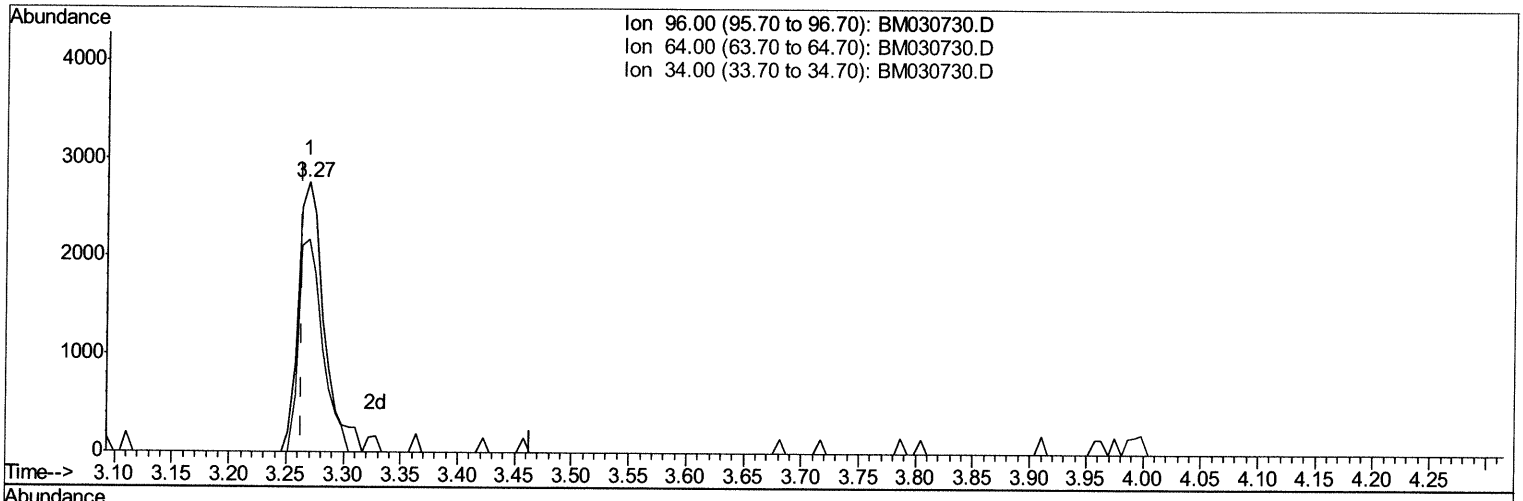
Quantitation Report (Qedit)

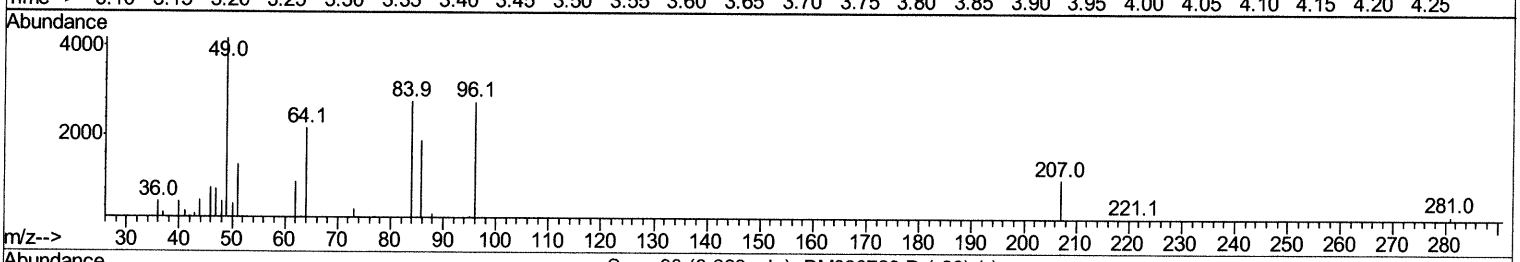
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

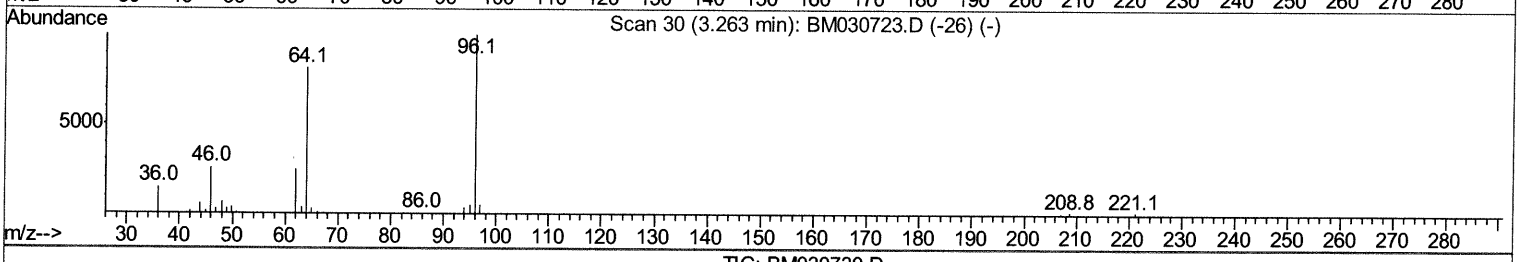
Quant Time: Jul 01 08:39:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM







TIC: BM030730.D

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

3.269min (+0.006) 1.74ng/uL m 07/07/21 JU

response 4297

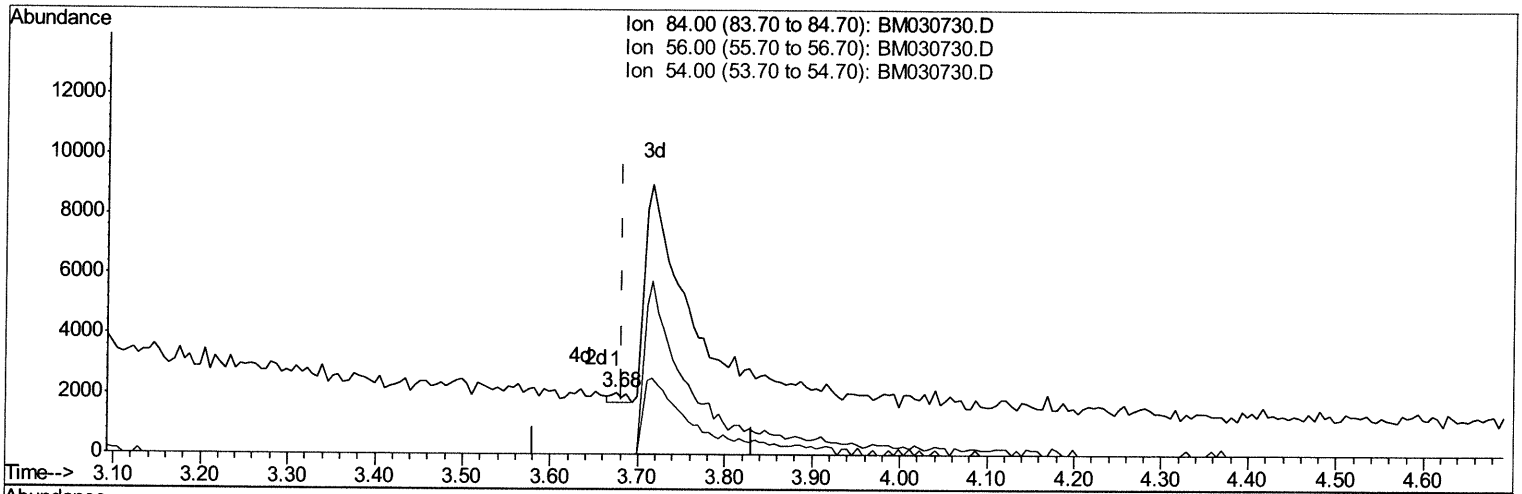
Ion	Exp%	Act%
96.00	100	100
64.00	80.00	78.63
34.00	0.00	0.00
0.00	0.00	0.00

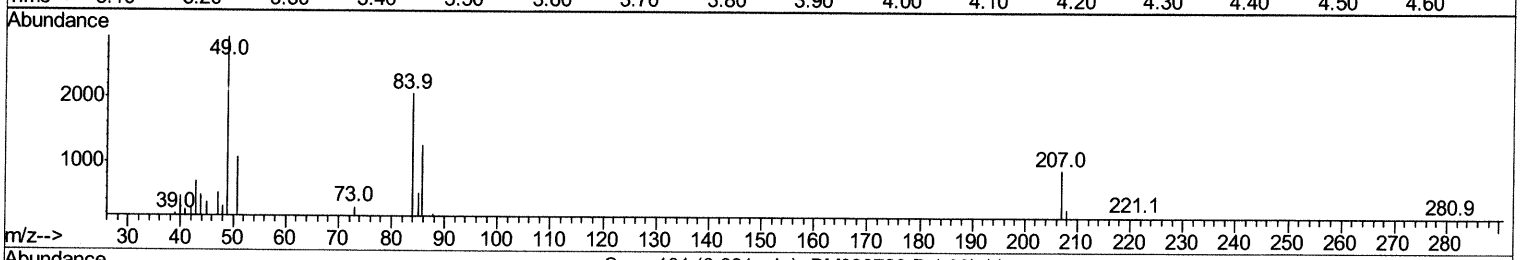
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

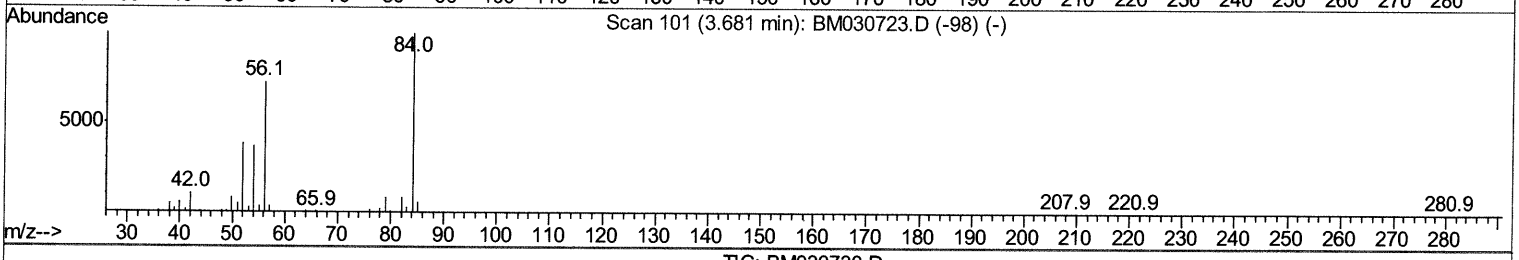
Quant Time: Jul 01 08:40:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM







TIC: BM030730.D

(4) Pyridine-d5 (S)

3.675min (-0.006) 0.06ng/ul

response 388

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

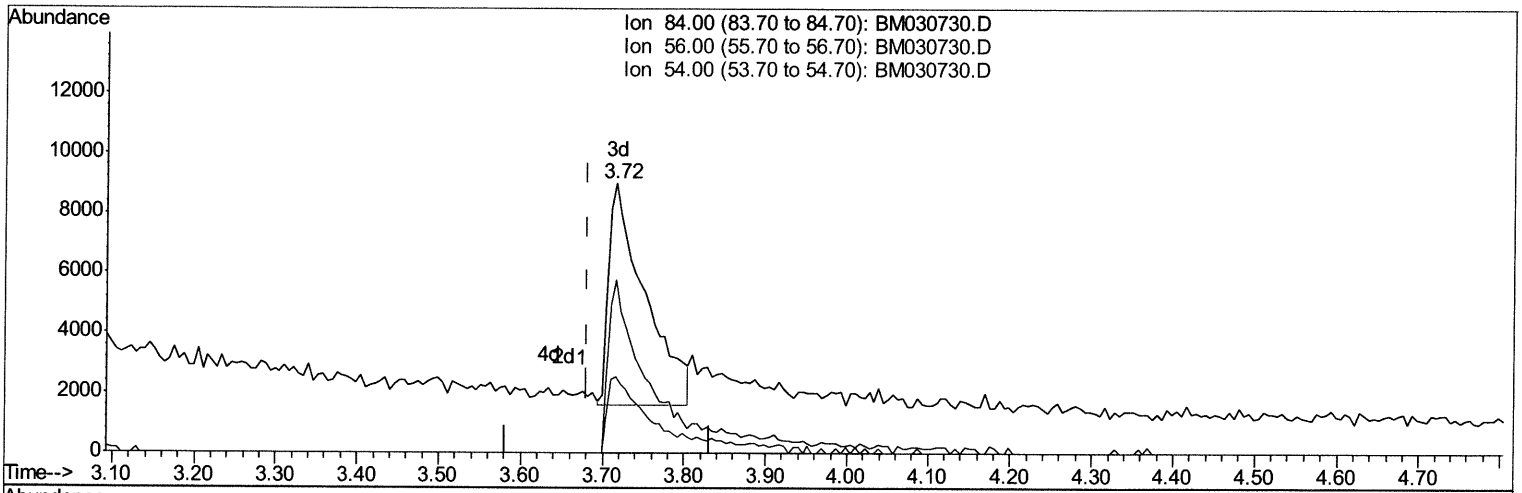
Quantitation Report (Qedit)

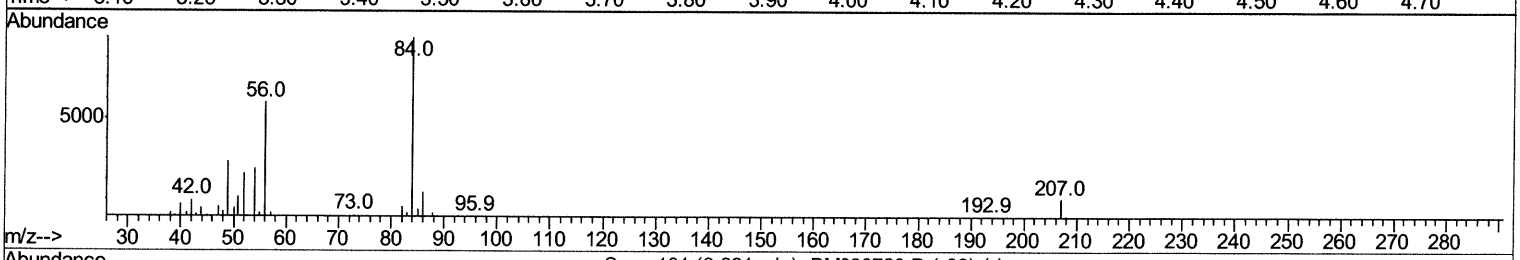
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

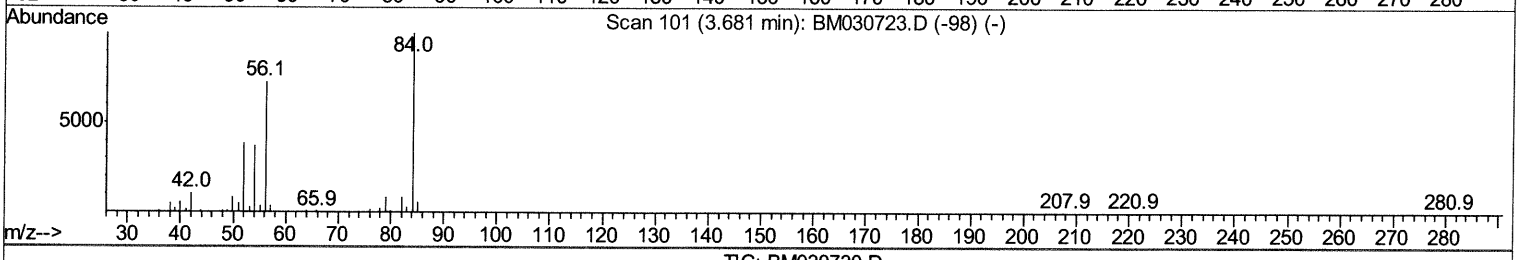
Quant Time: Jul 01 08:40:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM







TIC: BM030730.D

(4) Pyridine-d5 (S)

3.716min (+0.035) 3.42ng/ul m 07/07/21 JU

response 22695

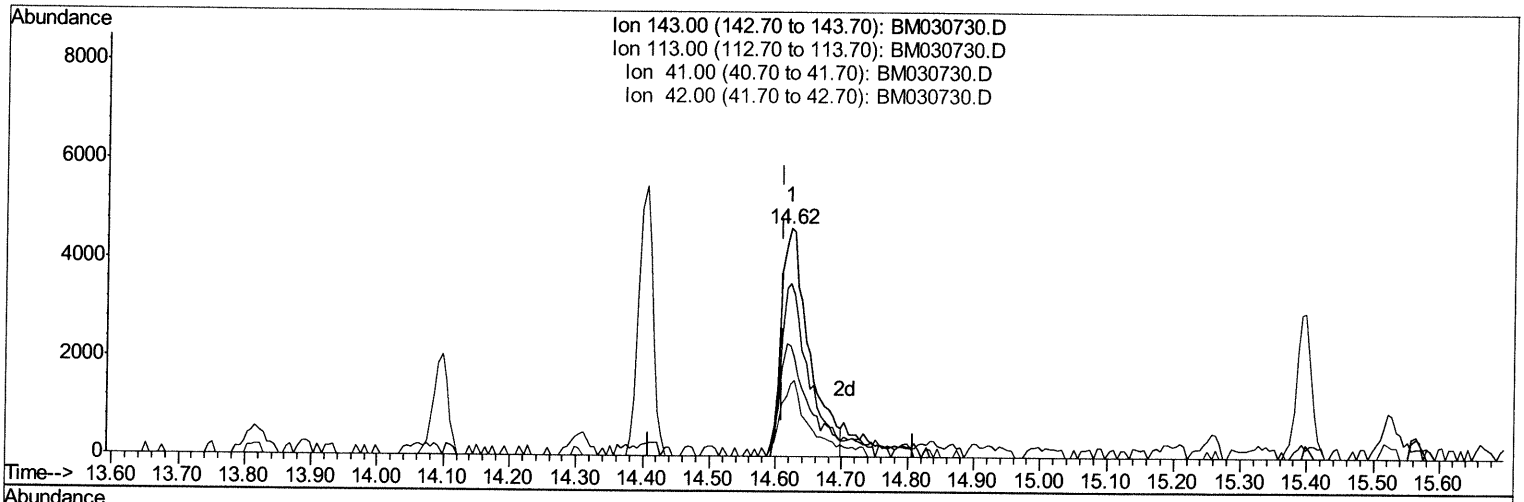
Ion	Exp%	Act%
84.00	100	100
56.00	73.70	63.99
54.00	35.80	28.22#
0.00	0.00	0.00

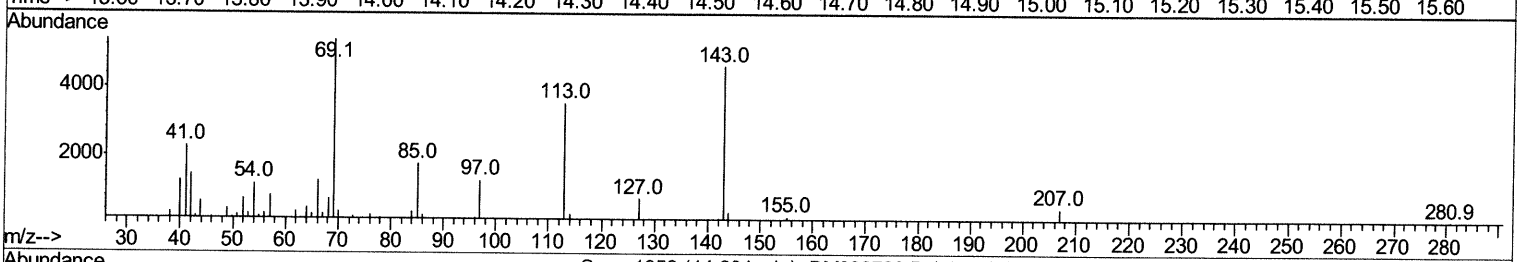
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

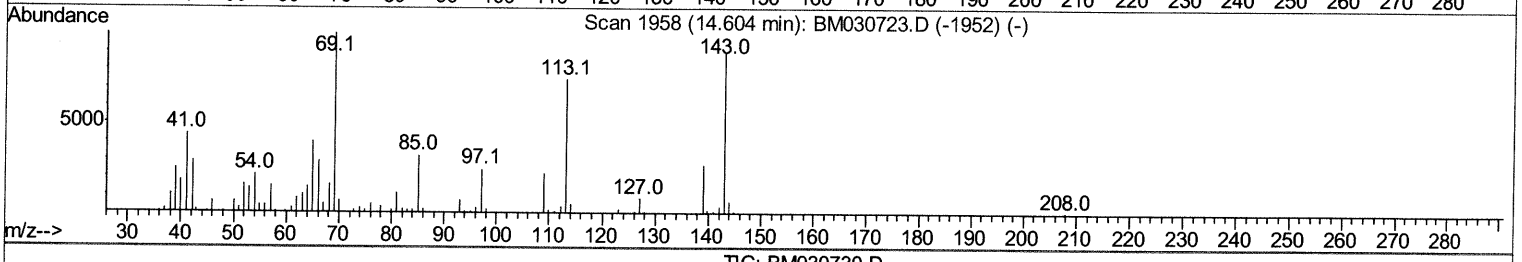
Quant Time: Jul 01 08:41:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM







TIC: BM030730.D

(54) 4-Nitrophenol-d4 (S)

14.621min (+0.012) 4.52ng/ul

response 13527

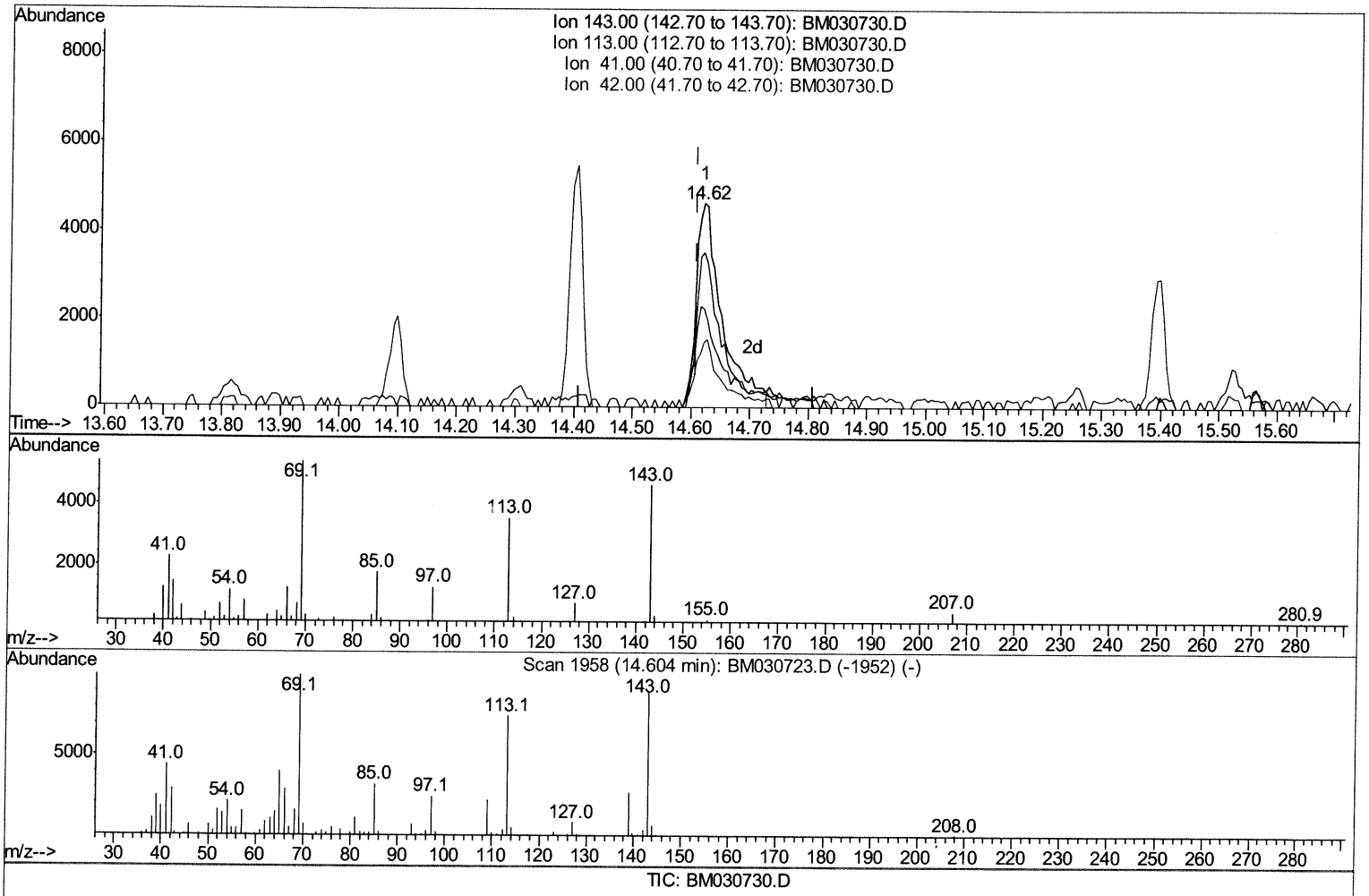
Ion	Exp%	Act%
143.00	100	100
113.00	74.50	76.17
41.00	44.10	48.73
42.00	30.20	31.61

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 01 08:41:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM



TIC: BM030730.D

(54) 4-Nitrophenol-d4 (S)

14.621min (+0.012) 4.81ng/ul m 07/07/21JU

response 14382

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	76.17
41.00	44.10	48.73
42.00	30.20	31.61

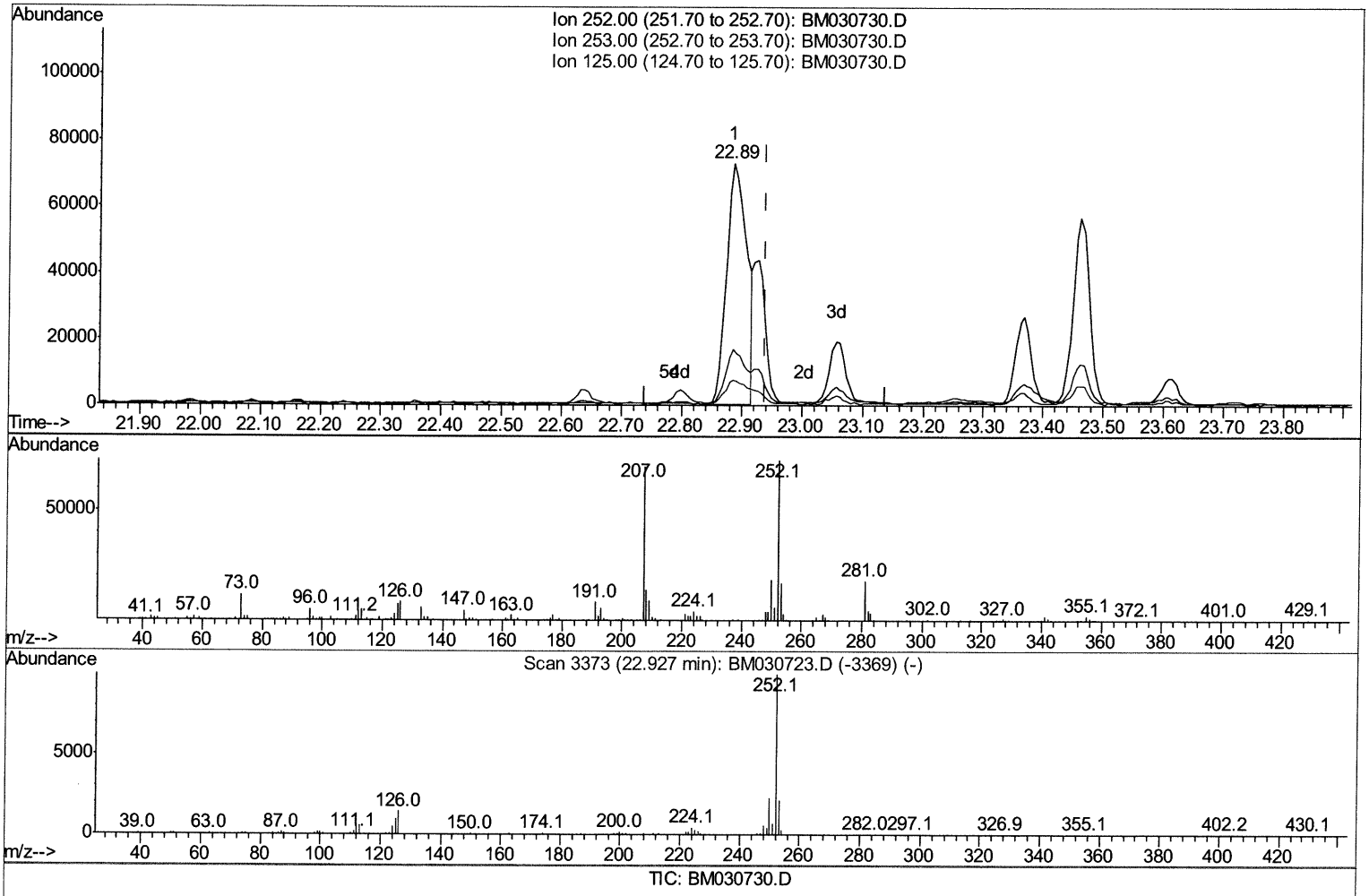
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 01 08:42:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM



TIC: BM030730.D

(91) Benzo(k)fluoranthene

22.886min (-0.053) 6.01ng/ul

response 171215

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.33
125.00	9.90	10.65
0.00	0.00	0.00

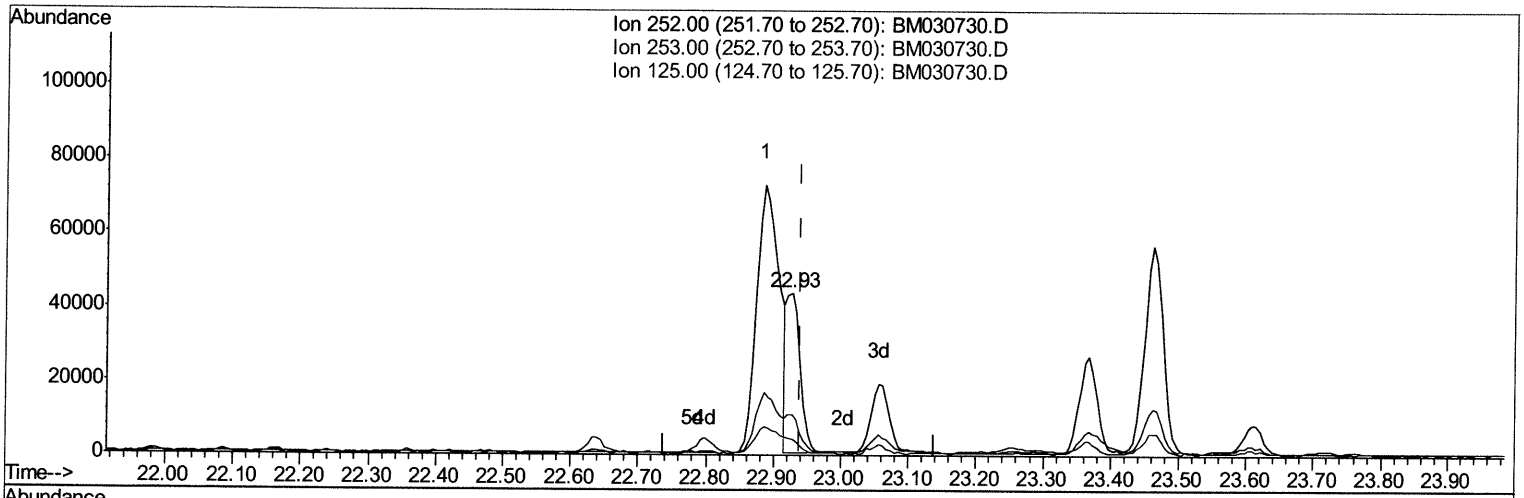
Quantitation Report (Qedit)

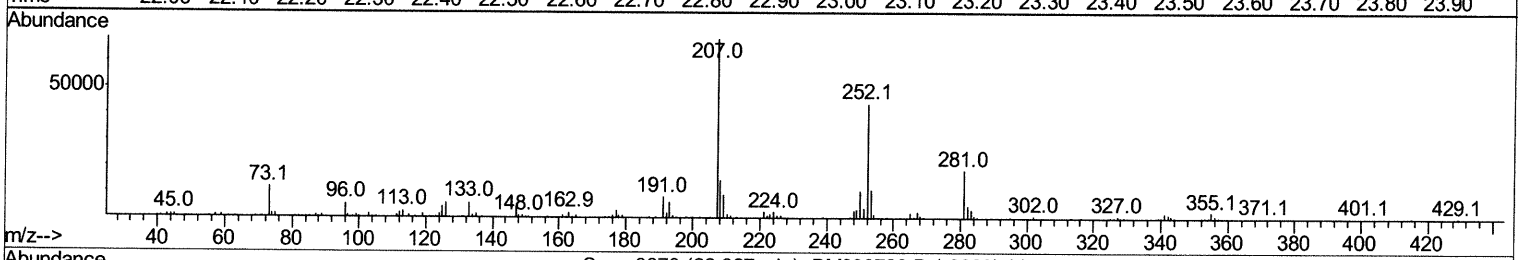
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

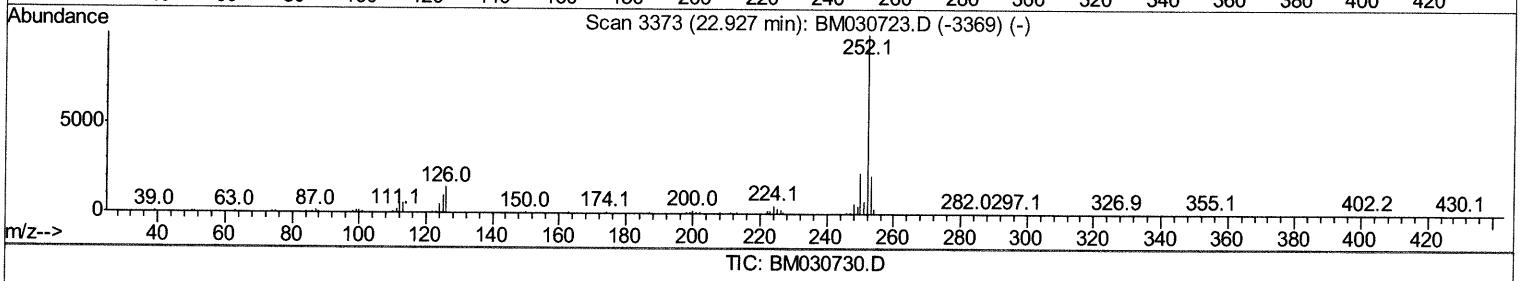
Quant Time: Jul 01 08:42:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:48 PM







TIC: BM030730.D

(91) Benzo(k)fluoranthene

22.927min (-0.012) 2.10ng/ul m 07/07/21 JU

response 59814

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.75
125.00	9.90	9.55
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 01 08:42:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BGDS7

Manual Integrations APPROVED
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7/1/2021 2:55:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	100001	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	387446	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	228612	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	428446	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	399270	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	466704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	4297m	1.74	ng/uL	0.00 07/07/21 JW
4) Pyridine-d5	3.72	84	22695m	3.42	ng/ul	0.04
7) Phenol-d5	6.95	99	77386	8.97	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	50159	9.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	66764	10.03	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	59201	8.82	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	29302	10.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	31010	9.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	58713	9.54	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	72778	8.48	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	176875	11.21	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	215157	10.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	14382m	4.81	ng/ul	0.01 07/07/21 JW
60) Fluorene-d10	15.40	176	152791	10.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	11903	4.25	ng/ul	0.00
73) Anthracene-d10	17.24	188	226980	11.35	ng/ul	0.00
81) Pyrene-d10	19.53	212	246407	11.78	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	258524	10.65	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.19	178	84636	3.678	ng/ul	97
74) Anthracene	17.27	178	35102	1.492	ng/ul	98
80) Fluoranthene	19.20	202	272929	10.682	ng/ul	97
82) Pyrene	19.56	202	212286	7.907	ng/ul	97
85) Benzo(a)anthracene	21.30	228	162189	6.546	ng/ul	97
87) Chrysene	21.34	228	122916	5.089	ng/ul	97
90) Benzo(b)fluoranthene	22.89	252	171215	5.778	ng/ul	97
91) Benzo(k)fluoranthene	22.93	252	59814m	2.101	ng/ul	07/07/21 JW
93) Benzo(a)pyrene	23.46	252	106311	3.990	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.84	276	74059	2.208	ng/ul#	94

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