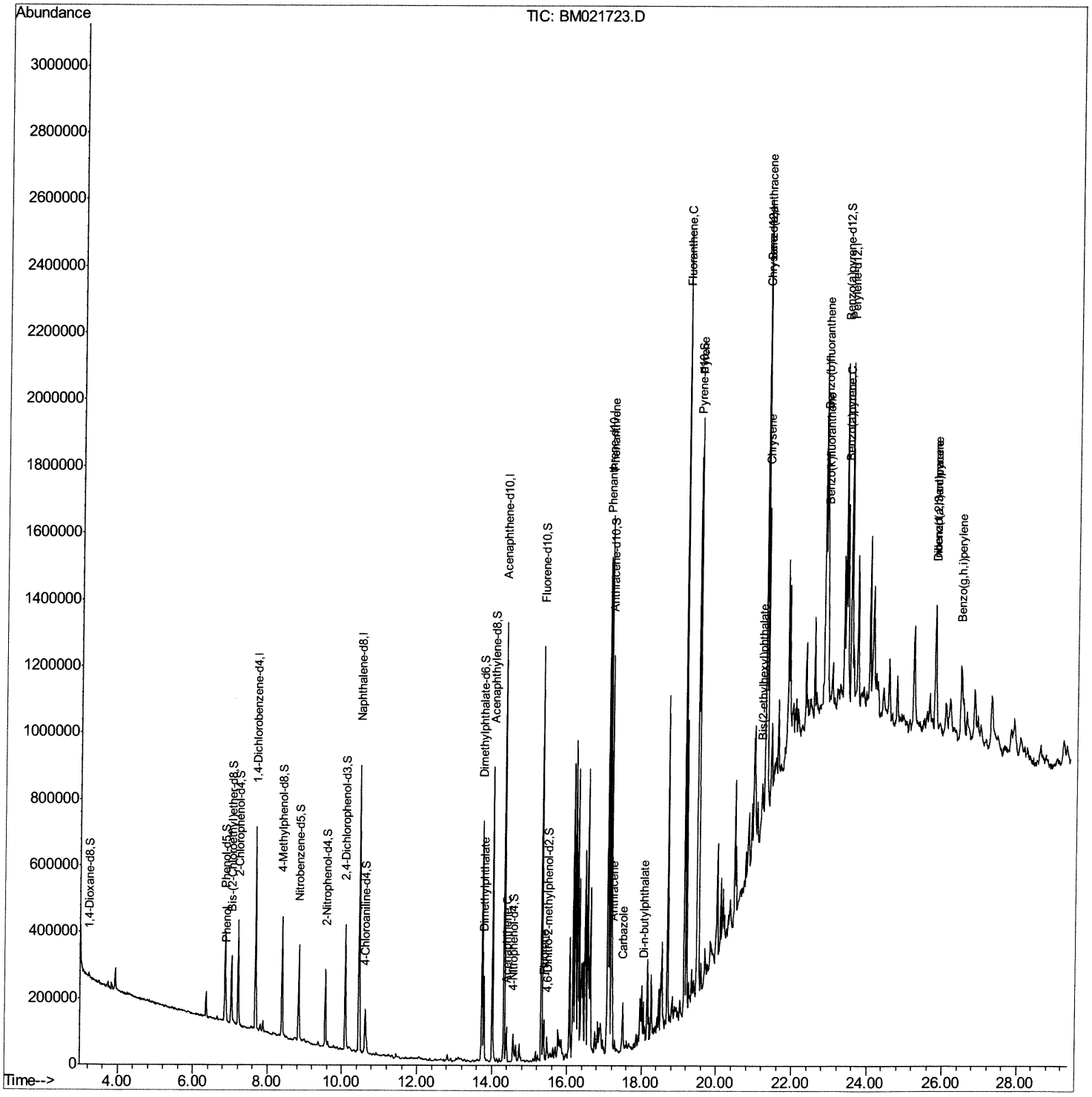
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 30 12:57:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 30 05:24:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:06 PM



Quantitation Report (Qedit)

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Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
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Manual Integrations APPROVED
mohammad
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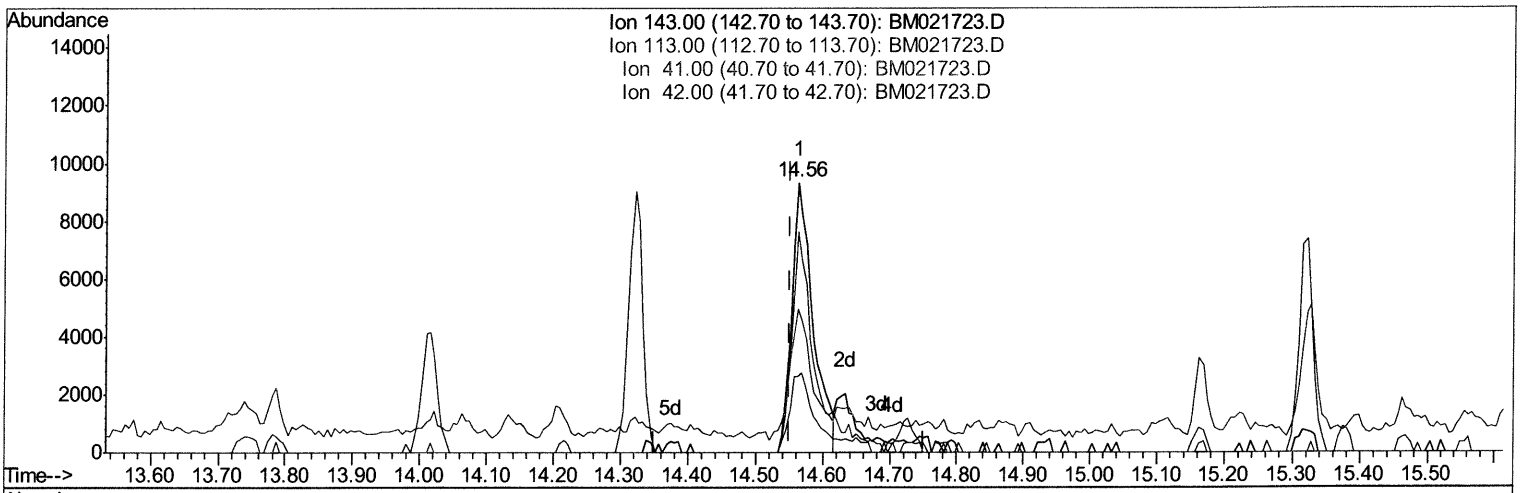

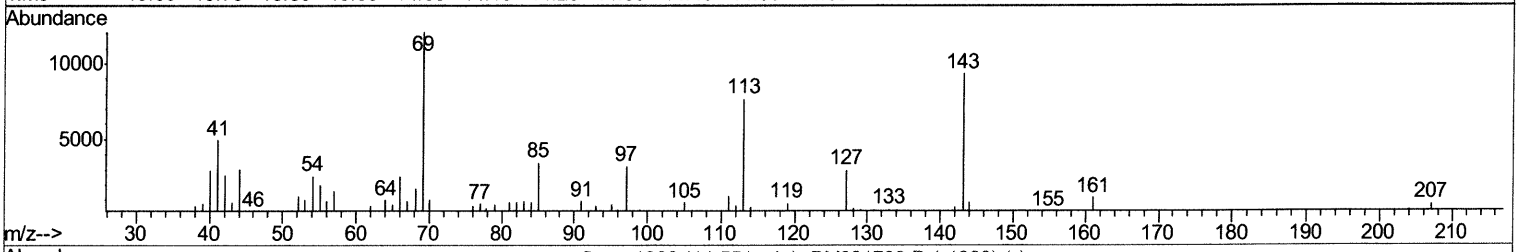

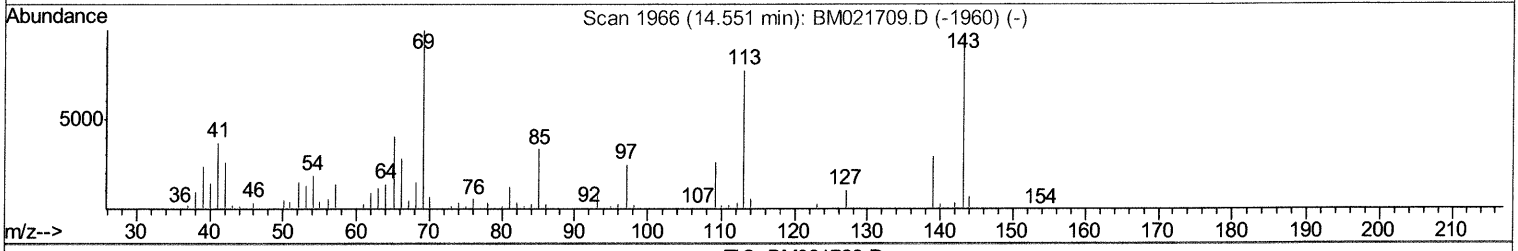

TIC: BM021723.D

(51) 4-Nitrophenol-d4 (S)

14.563min (+0.012) 4.01ng/ul

response 20652

Ion	Exp%	Act%
143.00	100	100
113.00	78.90	81.93
41.00	40.00	53.10#
42.00	27.20	28.01

Quantitation Report (Qedit)

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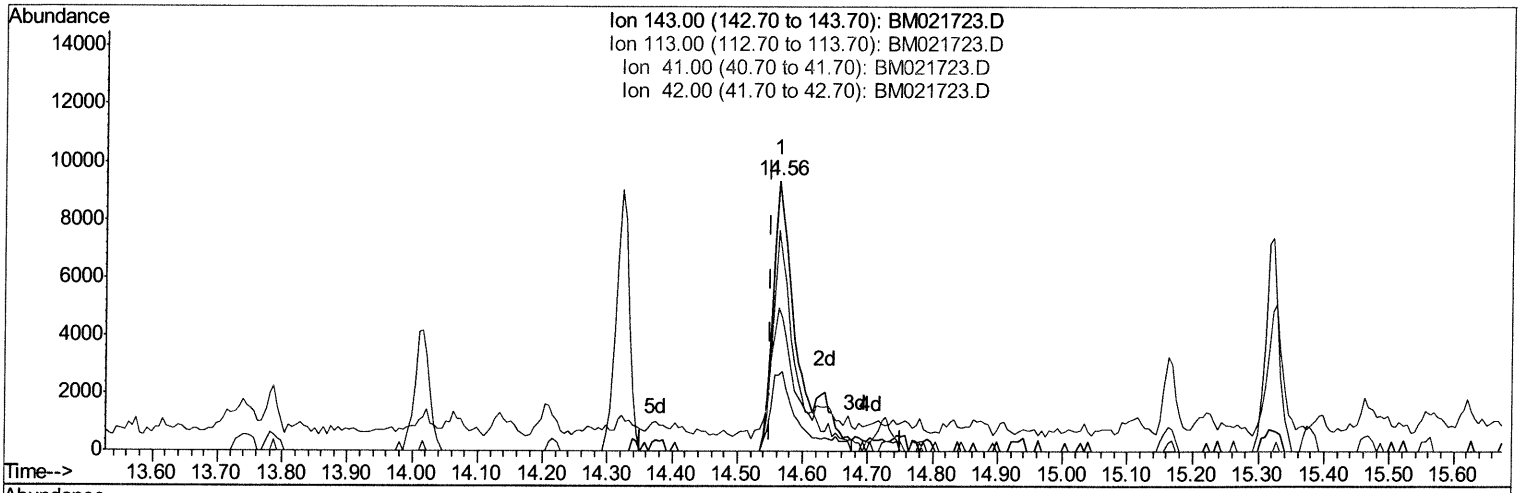
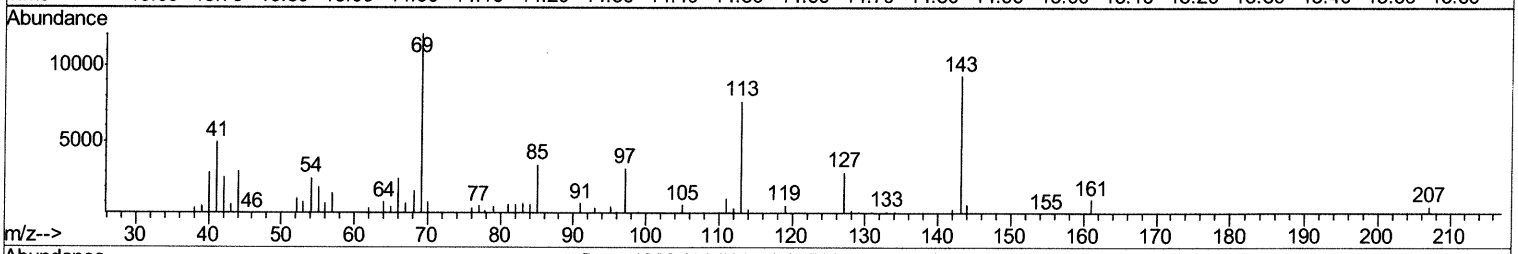
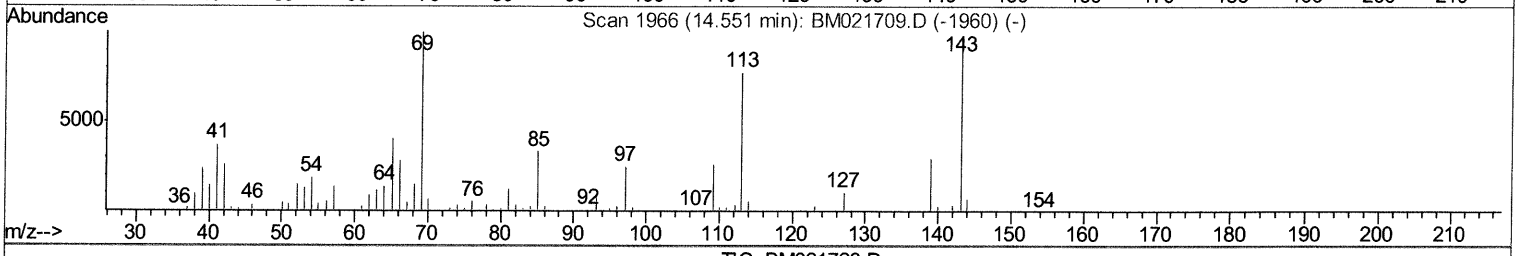
Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:06 PM







TIC: BM021723.D

(51) 4-Nitrophenol-d4 (S)

14.563min (+0.012) 4.79ng/ul m Ju 07/31/19

response 24665

Ion	Exp%	Act%
143.00	100	100
113.00	78.90	81.93
41.00	40.00	53.10#
42.00	27.20	28.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
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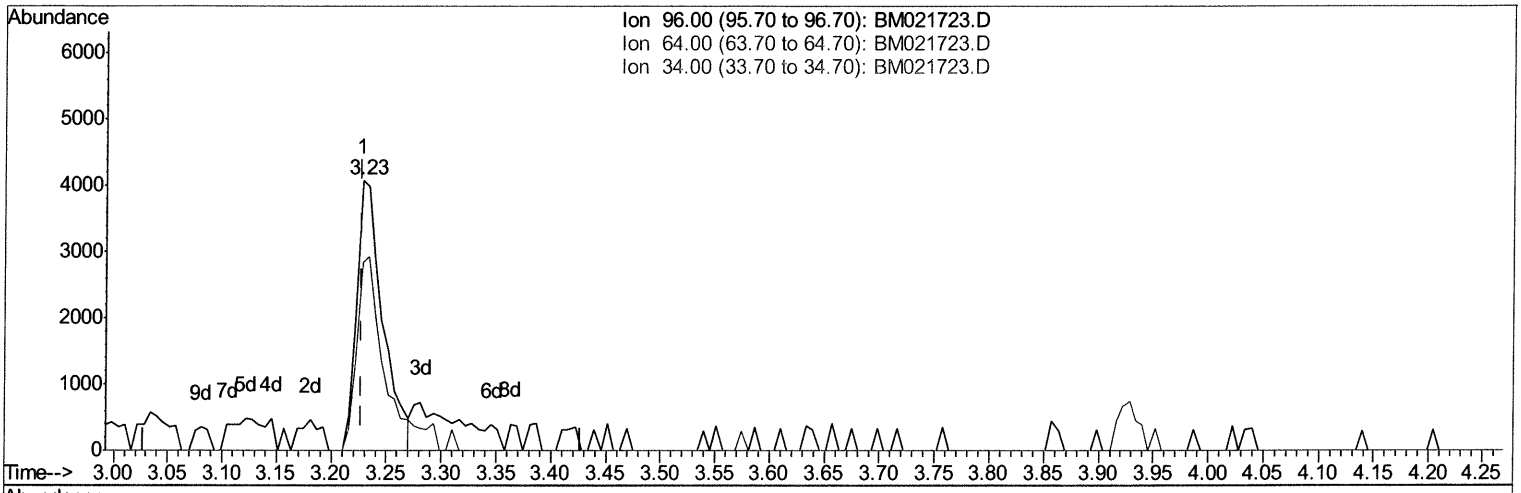
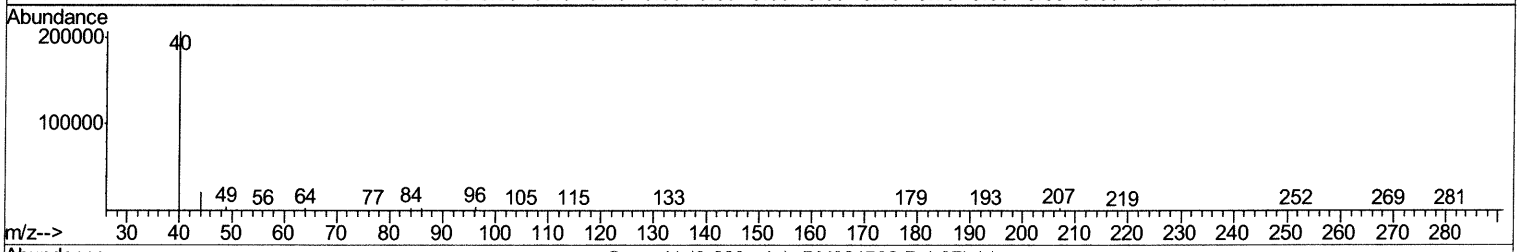
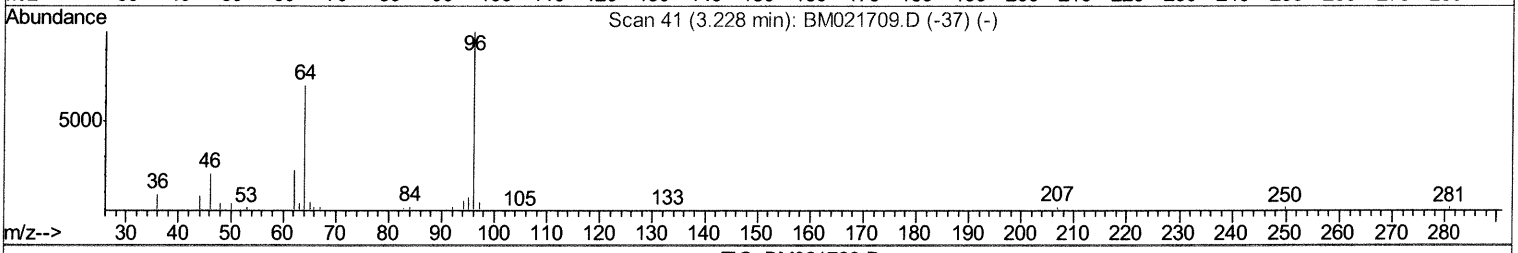
Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:06 PM







TIC: BM021723.D

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

3.228min (-0.000) 1.94ng/uL

response 6680

Ion	Exp%	Act%
96.00	100	100
64.00	65.40	69.44
34.00	0.00	0.00
0.00	0.00	0.00

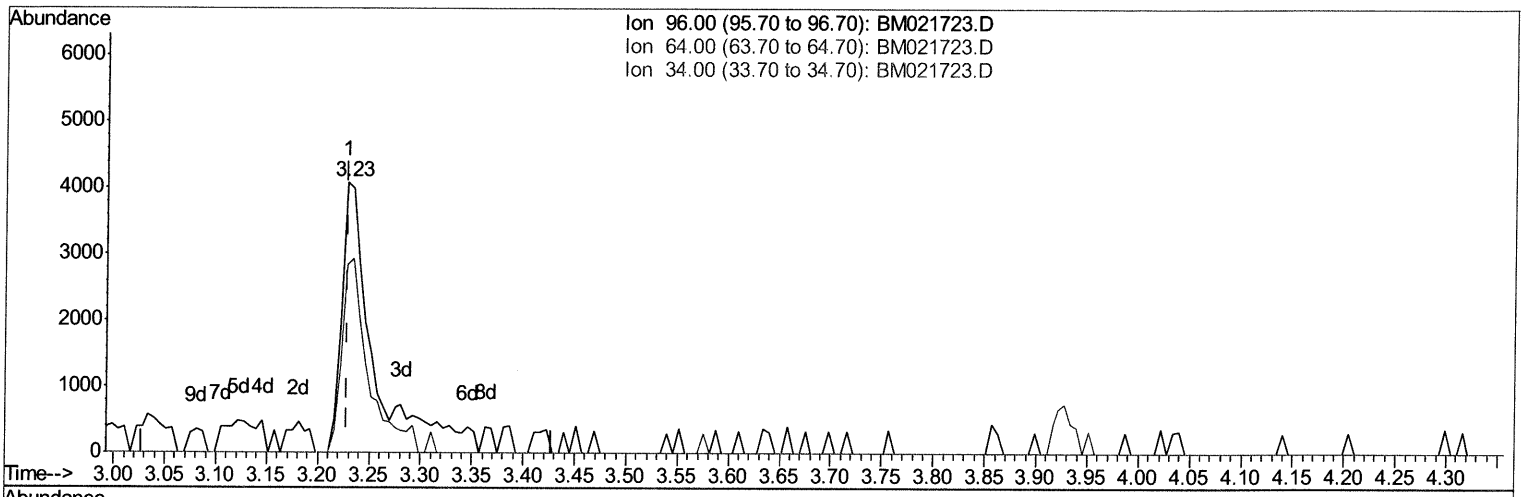
Quantitation Report (Qedit)

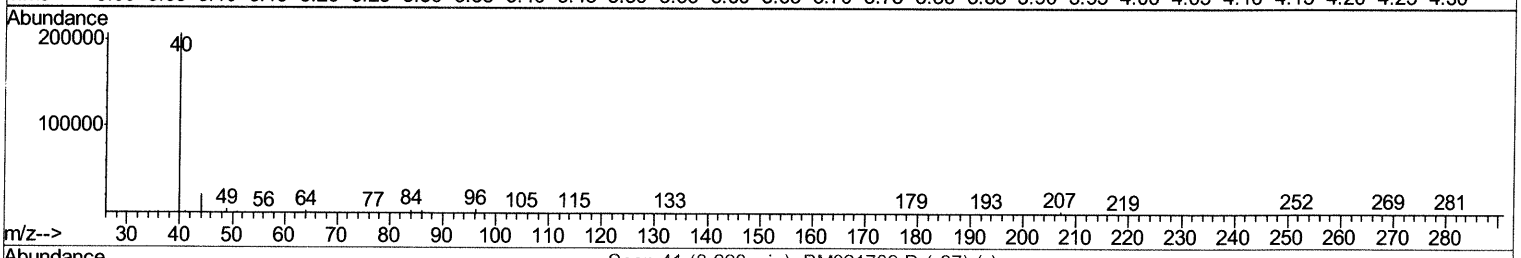
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

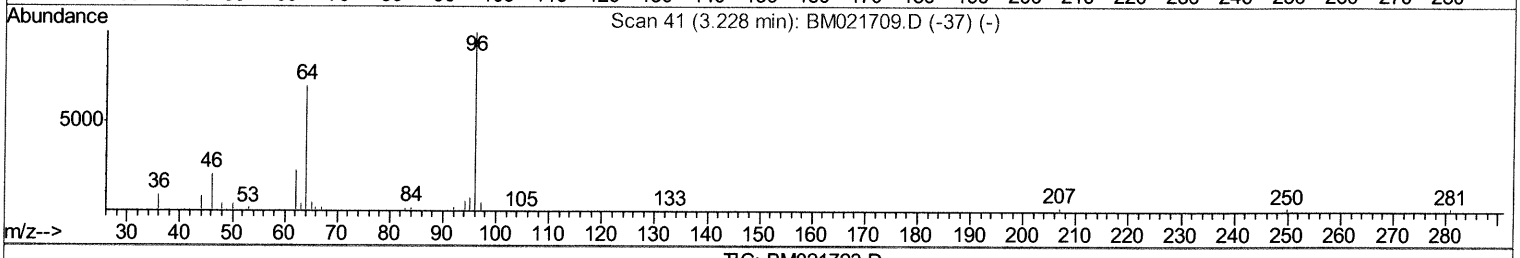
Quant Time: Jul 30 12:38:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 30 05:24:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:06 PM







TIC: BM021723.D

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

3.228min (-0.000) 2.59ng/uL m JU 07/31/19

response 8939

Ion	Exp%	Act%
96.00	100	100
64.00	65.40	69.44
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
Data File : BM021723.D
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Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 30 12:38:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
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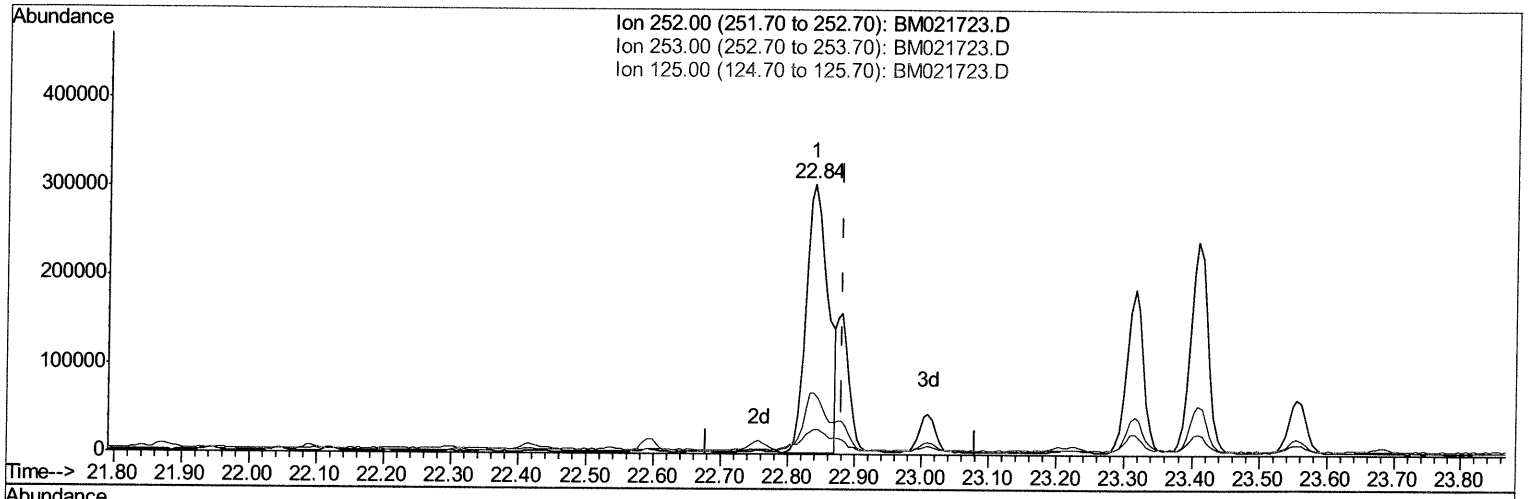
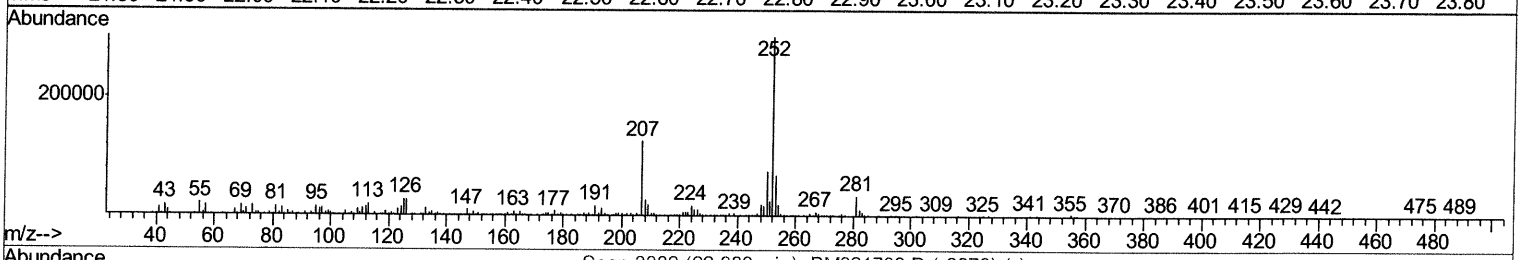
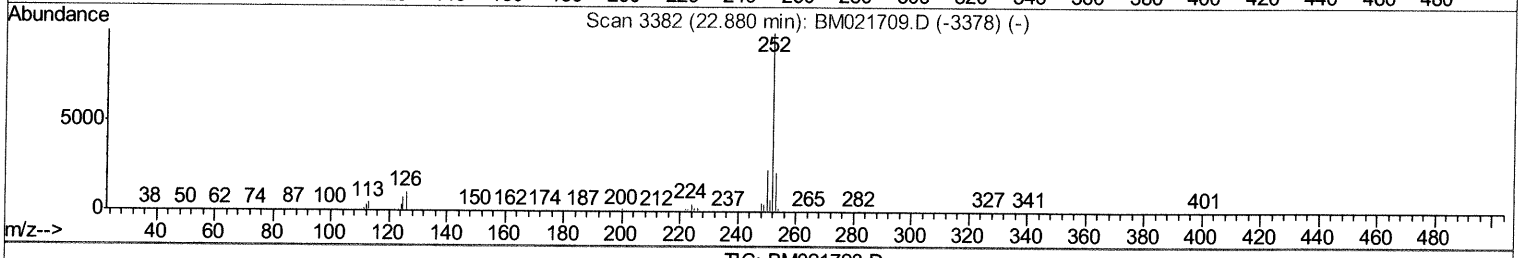
Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:06 PM







TIC: BM021723.D

(88) Benzo(k)fluoranthene

22.838min (-0.041) 12.89ng/ul

response 677663

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.87
125.00	7.90	9.11
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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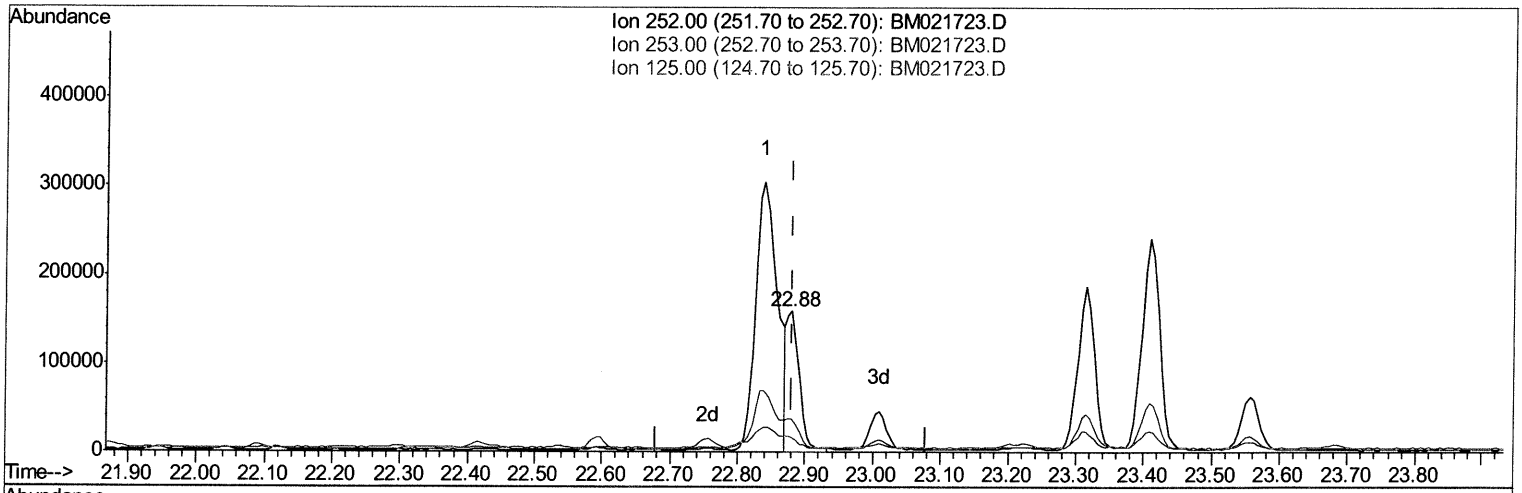
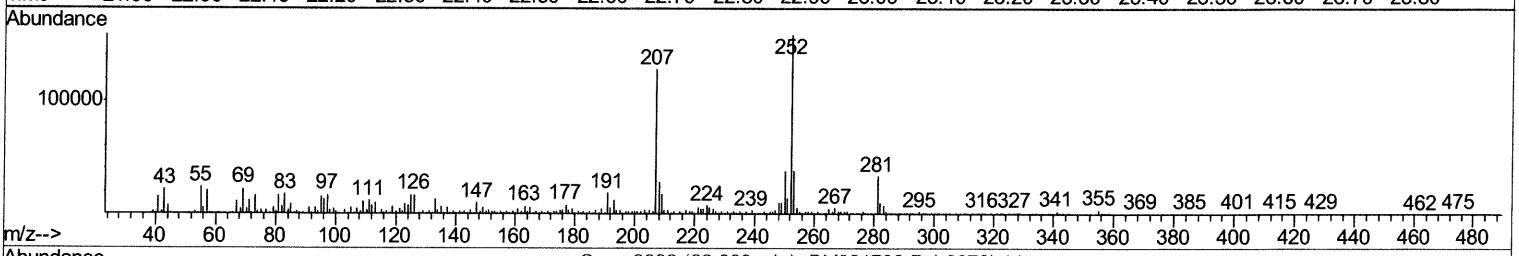
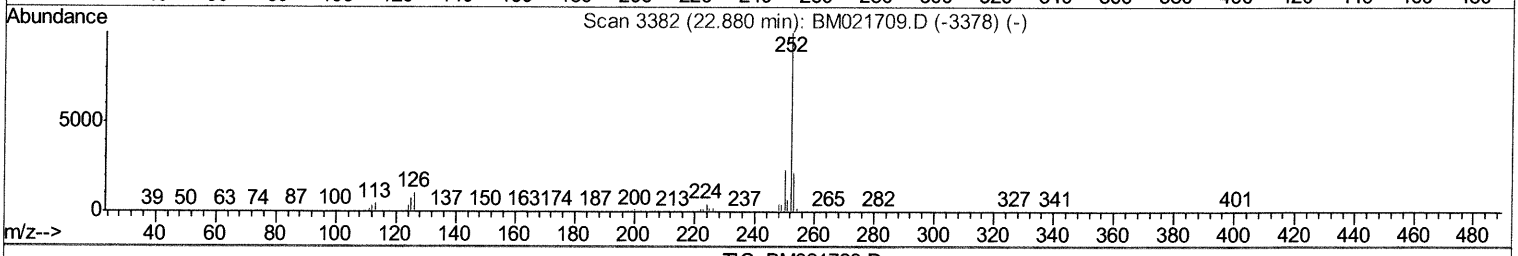
Manual Integrations APPROVED
mohammad
7/30/2019 4:52:06 PM







TIC: BM021723.D

(88) Benzo(k)fluoranthene

22.880min (-0.000) 4.02ng/ul m JU 07/31/19

response 211412

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.90
125.00	7.90	10.19#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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ClientSampleId : A52F5

Manual Integrations APPROVED
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7/30/2019 4:52:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	165812	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	687521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	439207	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	858246	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	663275	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	790038	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	8939m	2.59	ng/uL	0.00
5) Phenol-d5	6.86	99	155451	12.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	94232	13.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	141625	13.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	136090	13.00	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	68179	13.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	71670	12.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	161810	13.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	90176	7.86	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	504929	14.90	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	580659	14.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	24665m	4.79	ng/ul	0.01
57) Fluorene-d10	15.32	176	448833	15.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	13465	2.52	ng/ul	0.00
70) Anthracene-d10	17.17	188	642226	14.87	ng/ul	0.00
78) Pyrene-d10	19.47	212	621250	16.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	632533	15.13	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	28328	2.128	ng/ul	97
44) Dimethylphthalate	13.79	163	150135	4.267	ng/ul	98
49) Acenaphthene	14.39	153	37612	1.250	ng/ul	98
58) Fluorene	15.38	166	51742	1.463	ng/ul	95
69) Phenanthrene	17.12	178	958463	18.542	ng/ul	99
71) Anthracene	17.21	178	160832	3.037	ng/ul	98
74) Carbazole	17.49	167	90723	2.069	ng/ul	100
75) Di-n-butylphthalate	18.04	149	74648	1.544	ng/ul#	97
76) Fluoranthene	19.14	202	1426903	23.663	ng/ul	99
79) Pyrene	19.50	202	1090516	22.035	ng/ul	99
82) Benzo(a)anthracene	21.26	228	474075	9.815	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.18	149	32341	1.471	ng/ul#	96
84) Chrysene	21.31	228	522705	11.479	ng/ul	97
87) Benzo(b)fluoranthene	22.84	252	677663	12.606	ng/ul	97
88) Benzo(k)fluoranthene	22.88	252	211412m	4.023	ng/ul	
90) Benzo(a)pyrene	23.41	252	427748	8.499	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.75	276	321837	5.514	ng/ul	98
92) Dibenzo(a,h)anthracene	25.76	278	82459	1.699	ng/ul#	83
93) Benzo(g,h,i)perylene	26.44	276	307809	6.343	ng/ul	98

Ju 07/31/19

Ju 07/31/19

Ju 07/31/19

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