

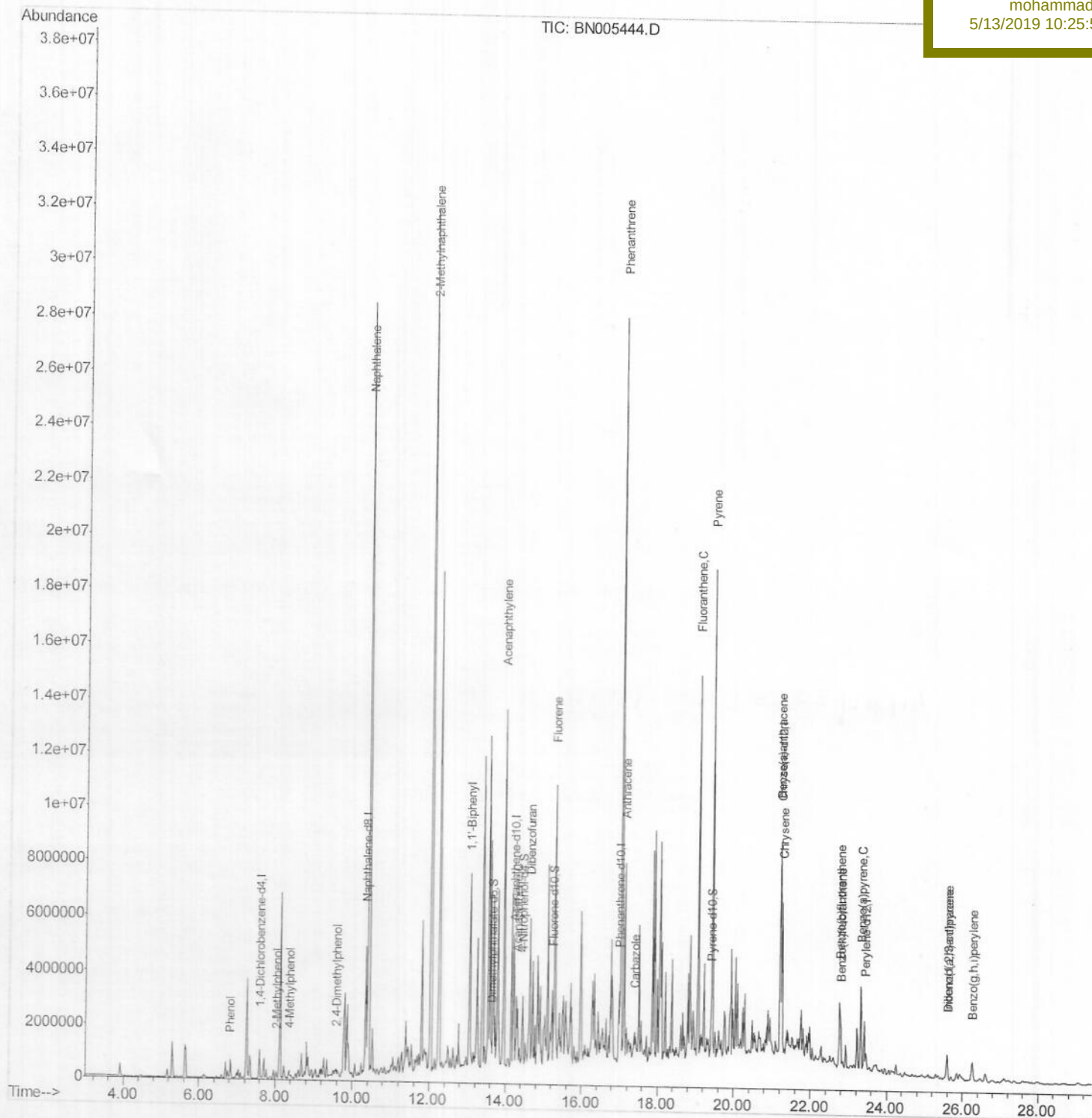
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\
Data File : BN005444.D
Acq On : 03 May 2019 08:14
Operator : JU/SJ
Sample : K2603-19 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 06 07:15:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
GAJ71

Manual Integrations
APPROVED

mohammad
5/13/2019 10:25:57 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005444.D

Acq On : 03 May 2019 08:14

Operator : JU/SJ

Sample : K2603-19 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 14 07:20:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 11 23:17:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

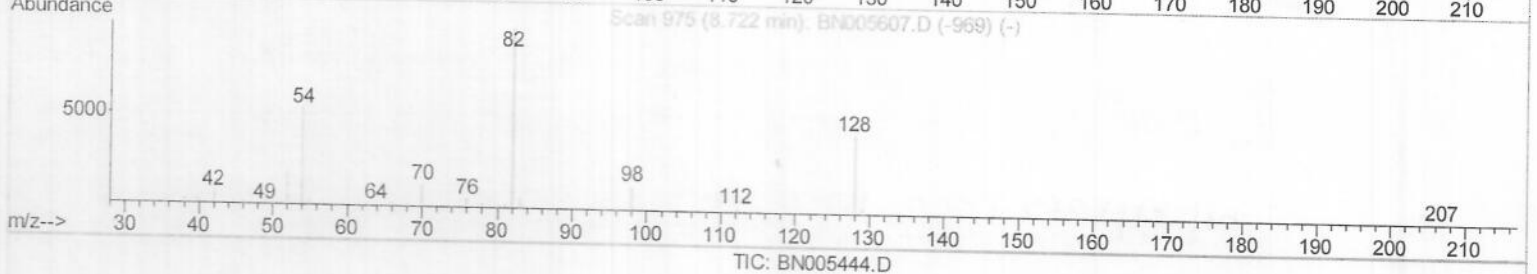
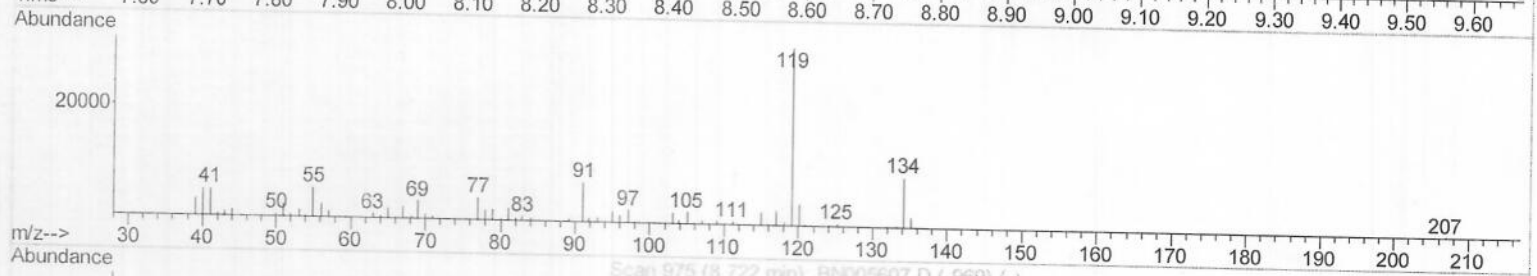
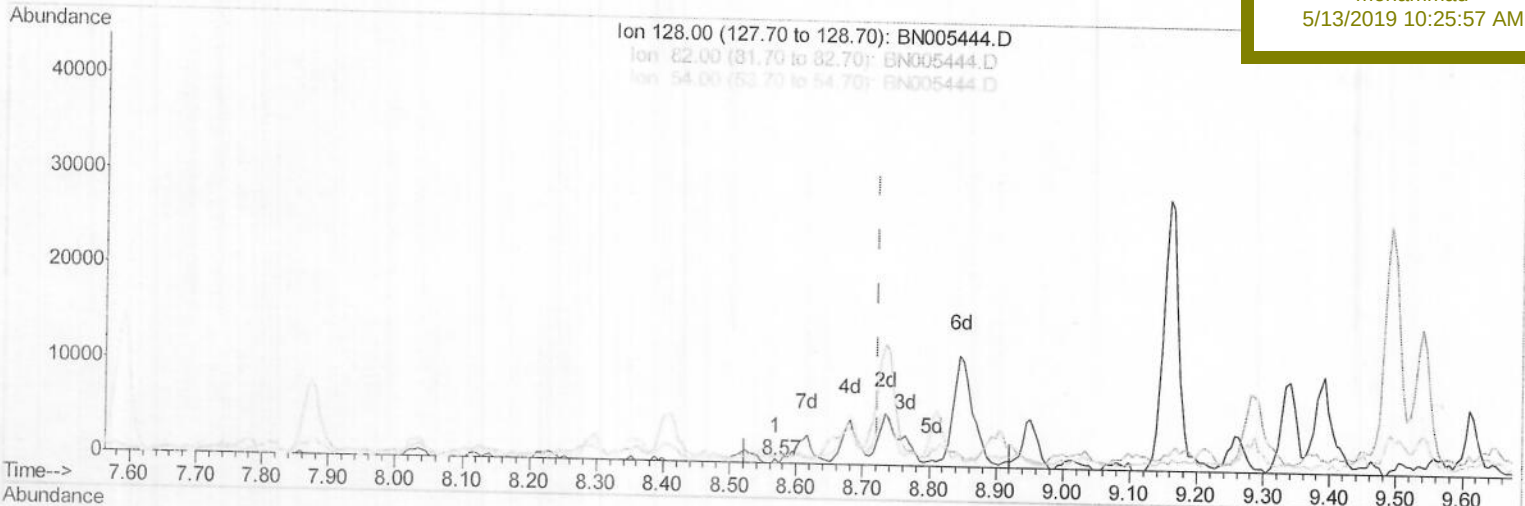
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(19) Nitrobenzene-d5 (S)

8.569min (-0.153) 0.02ng/ul

response 125

Ion	Exp%	Act%
128.00	100	100
82.00	260.20	233.15
54.00	147.90	160.11
0.00	0.00	0.00

Quantitation Report (Qedit)

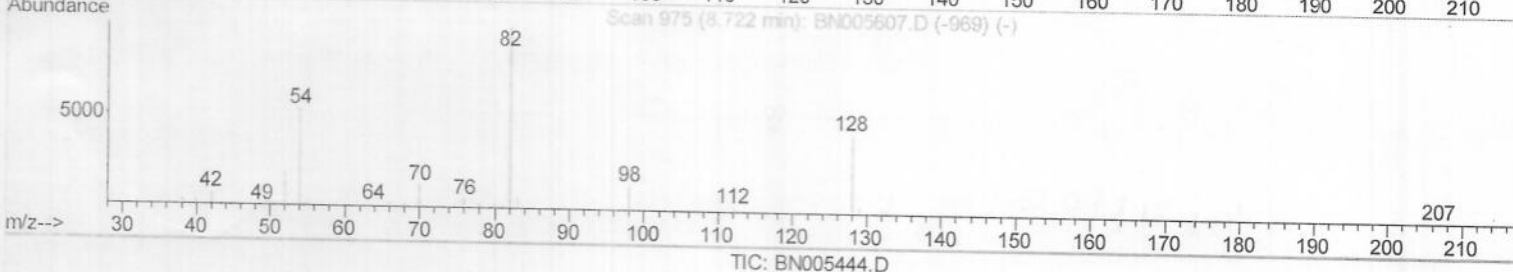
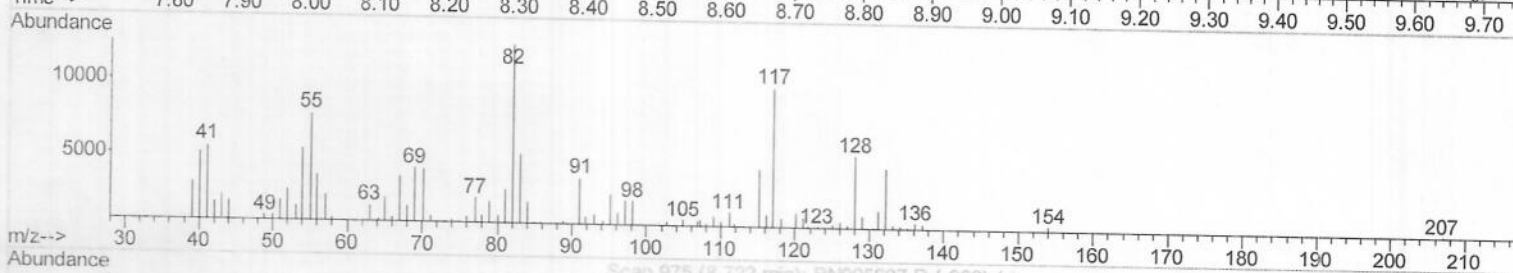
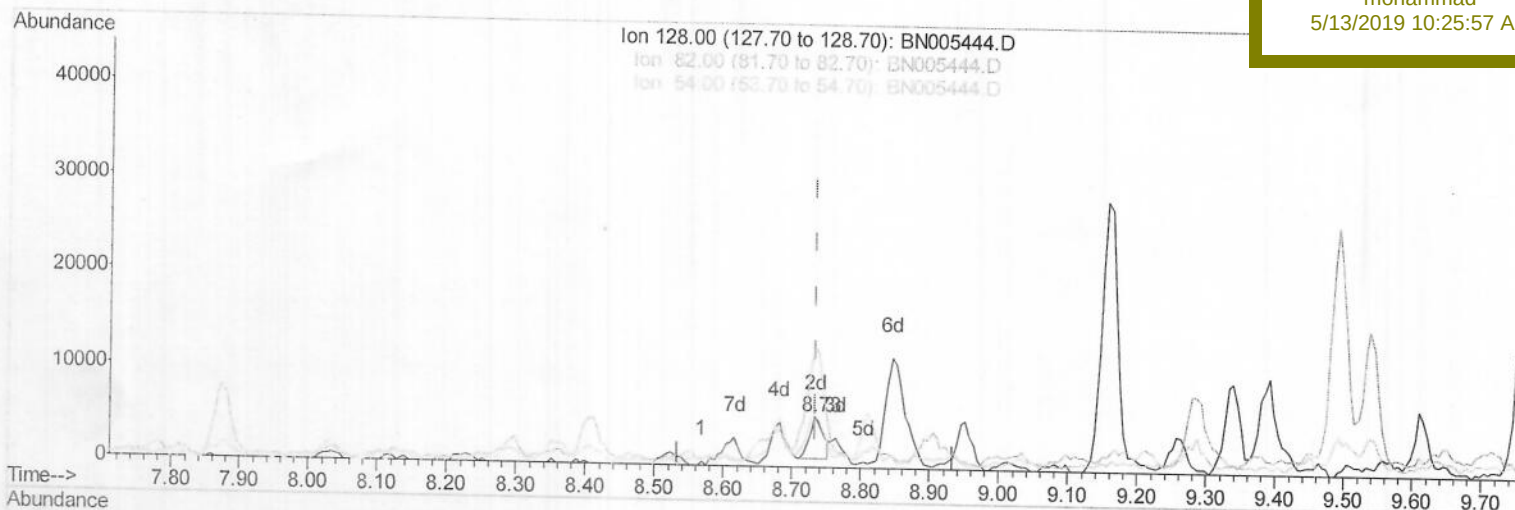
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\
 Data File : BN005444.D
 Acq On : 03 May 2019 08:14
 Operator : JU/SJ
 Sample : K2603-19 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 06 07:15:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAJ71

Manual Integrations
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(19) Nitrobenzene-d5 (S)

8.734min (-0.000) 0.78ng/ul m

response 6049

Ion Exp% Act%

128.00 100 100

82.00 260.20 235.37

54.00 147.90 100.69#

0.00 0.00 0.00

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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005444.D

Acq On : 03 May 2019 08:14

Operator : JU/SJ

Sample : K2603-19 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 14 07:20:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 11 23:17:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

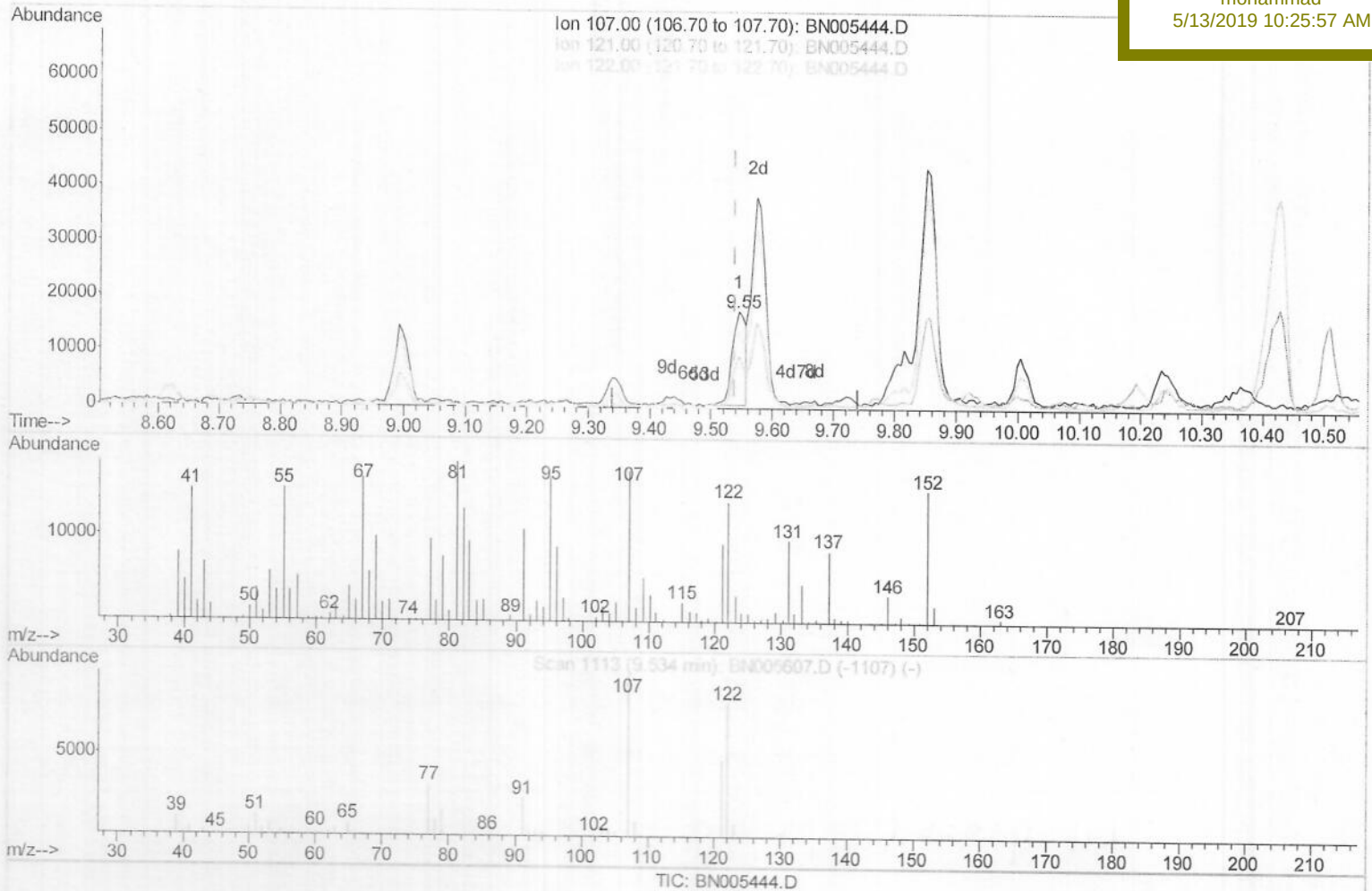
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(24) 2,4-Dimethylphenol

9.545min (+0.005) 1.18ng/ul

response 26329

Ion	Exp%	Act%
107.00	100	100
121.00	47.30	53.20
122.00	81.20	80.28
0.00	0.00	0.00

Quantitation Report (Qedit)

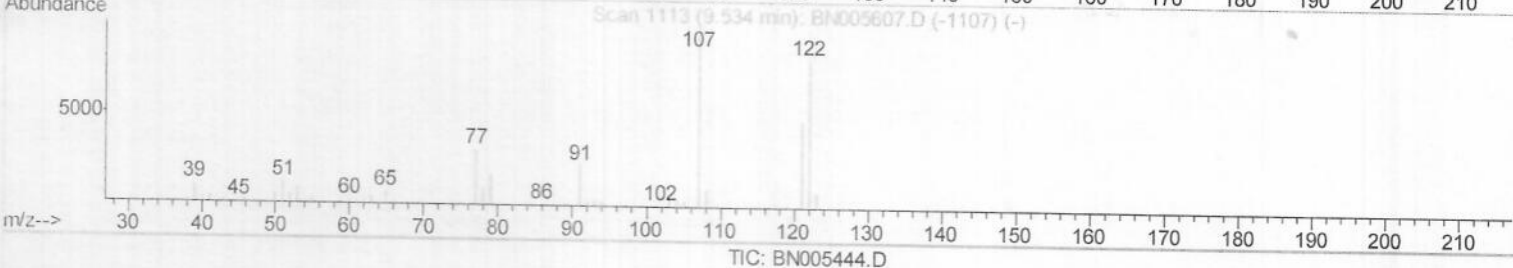
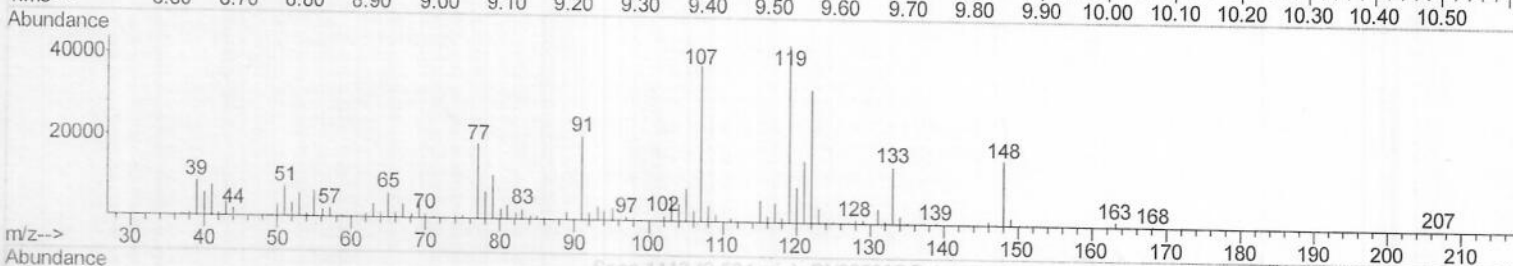
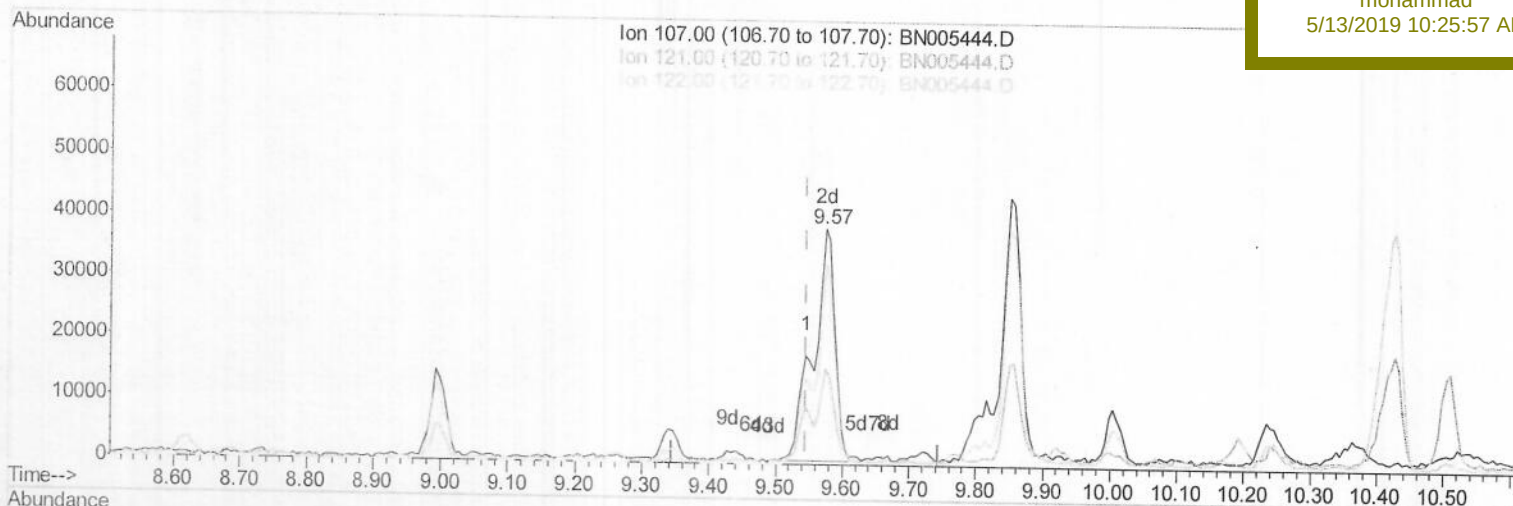
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\
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 BNA_N
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TIC: BN005444.D

(24) 2,4-Dimethylphenol

9.575min (+0.029) 3.85ng/ul m

response 85629

Ion Exp% Act%

107.00 100 100

121.00 47.30 40.34

122.00 81.20 85.41

0.00 0.00 0.00

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Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

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Acq On : 03 May 2019 08:14

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Sample : K2603-19 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 14 07:20:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 11 23:17:30 2019

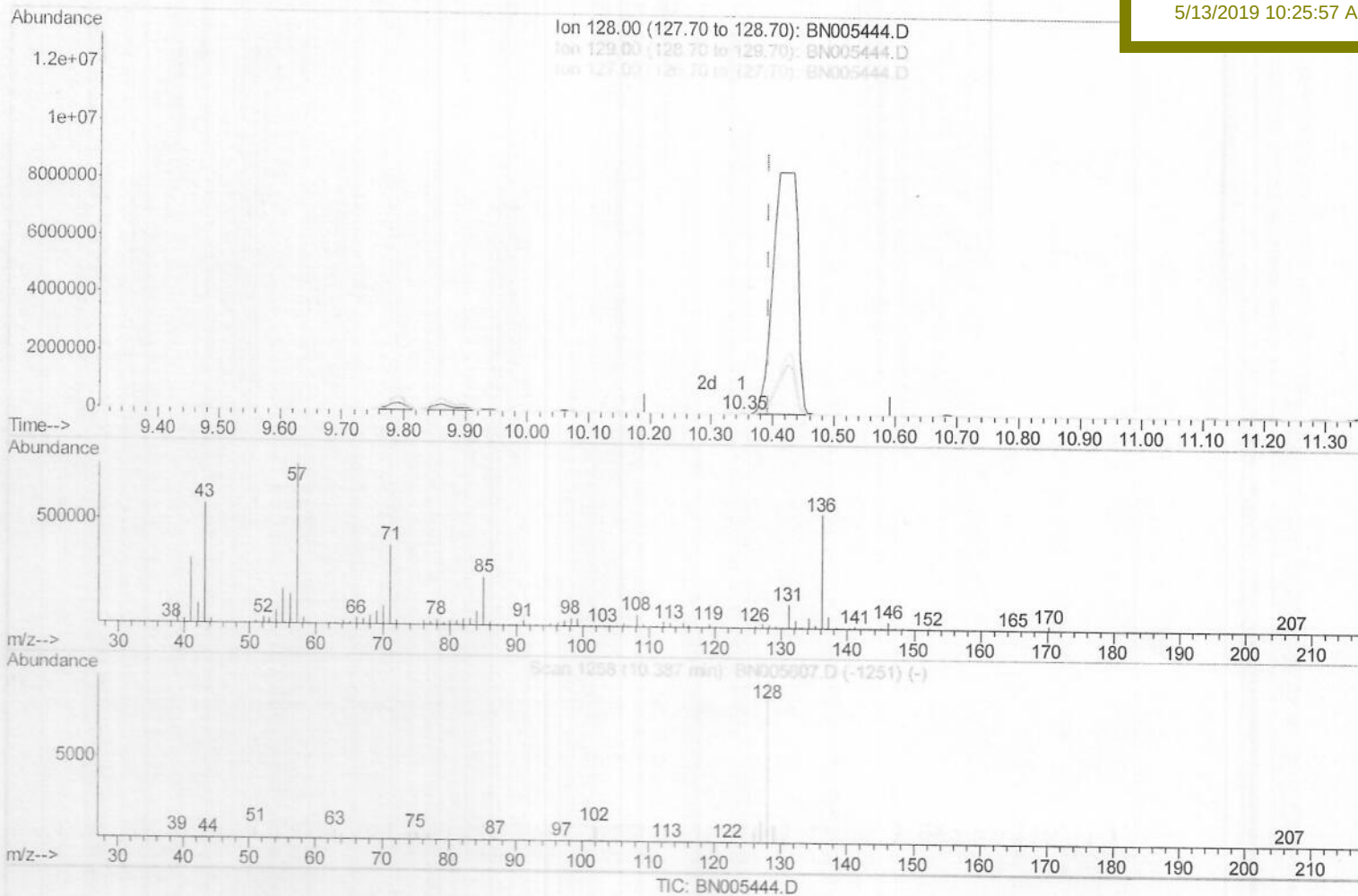
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

GAJ71

Manual Integrations
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(28) Naphthalene

10.351min (-0.042) 0.28ng/ul

response 16234

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	87.71#
127.00	13.40	148.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

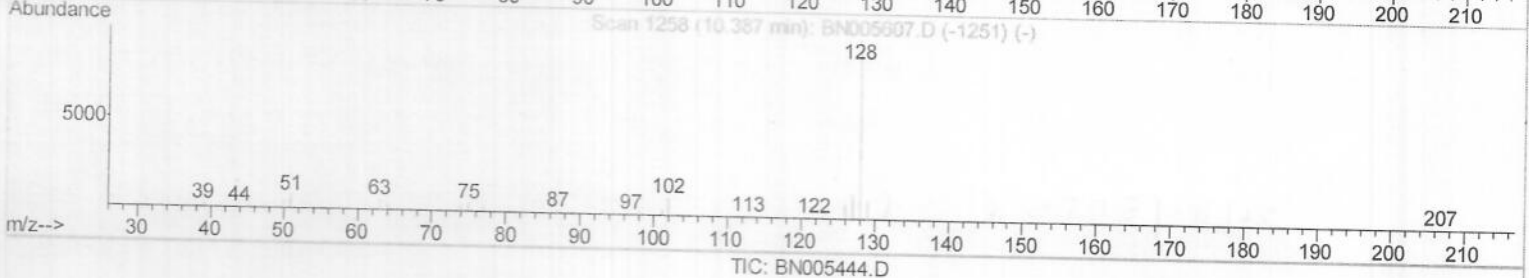
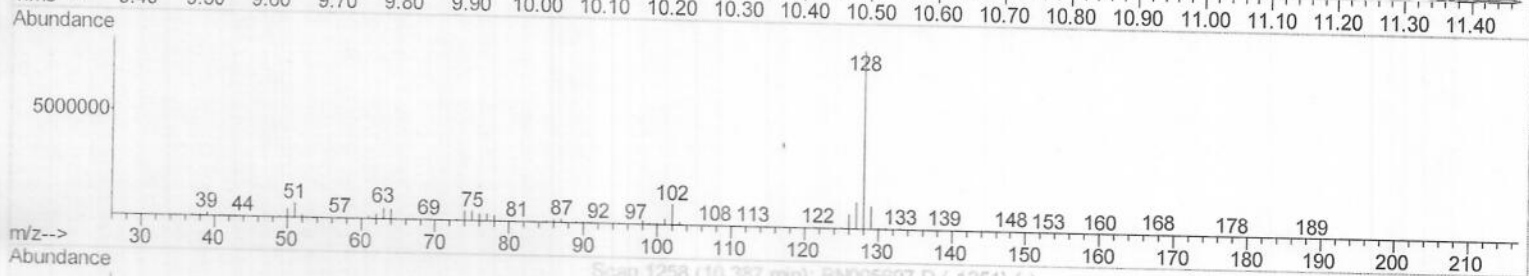
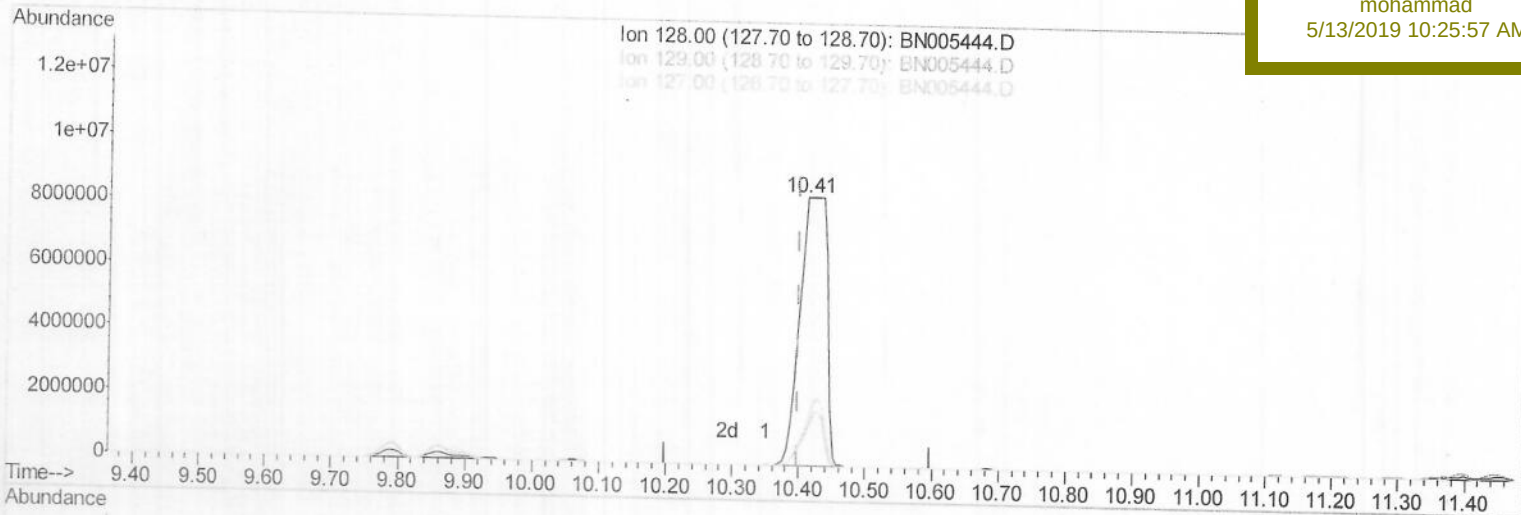
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\
 Data File : BN005444.D
 Acq On : 03 May 2019 08:14
 Operator : JU/SJ
 Sample : K2603-19 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 06 07:15:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAJ71

Manual Integrations
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(28) Naphthalene

10.410min (+0.011) 399.69ng/ul m

response 23326687

Ion Exp% Act%

128.00 100 100

129.00 11.50 12.87

127.00 13.40 14.75

0.00 0.00 0.00

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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005444.D

Acq On : 03 May 2019 08:14

Operator : JU/SJ

Sample : K2603-19 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 14 07:20:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 11 23:17:30 2019

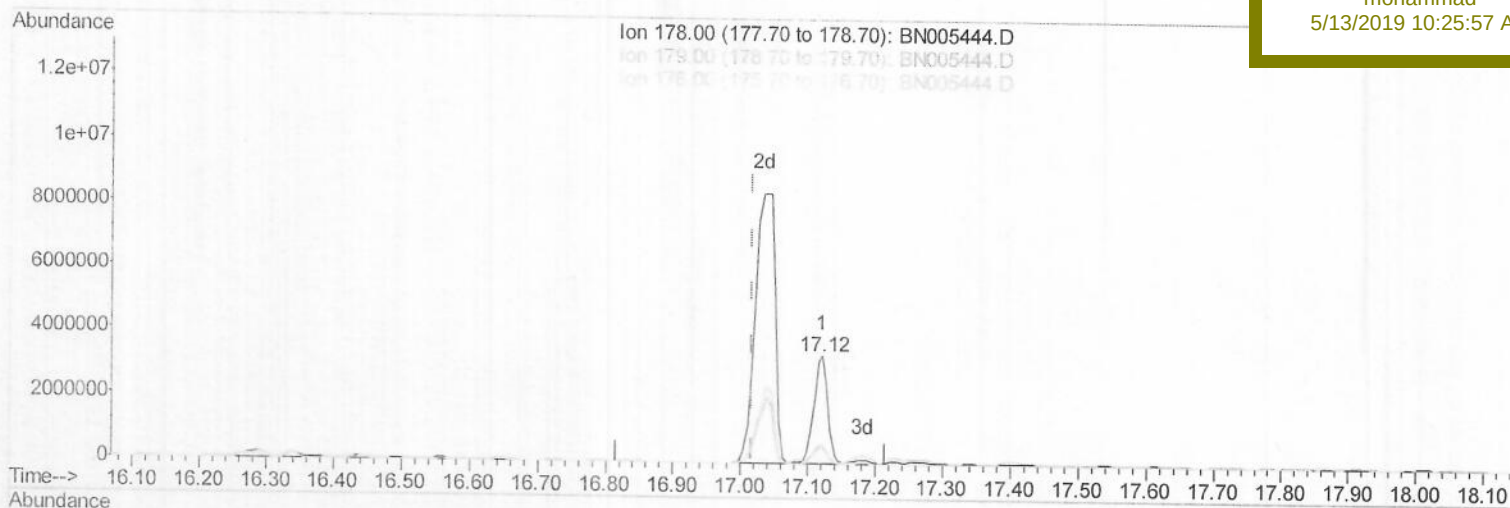
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

GAJ71

Manual Integrations
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(69) Phenanthrene

17.121min (+0.105) 54.58ng/ul

response 4730446

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.84
176.00	18.90	18.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005444.D

Acq On : 03 May 2019 08:14

Operator : JU/SJ

Sample : K2603-19 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 06 07:15:50 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

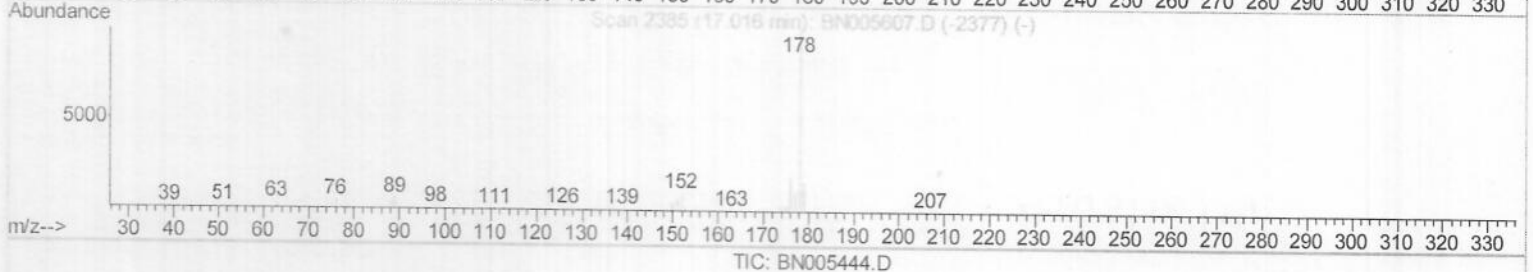
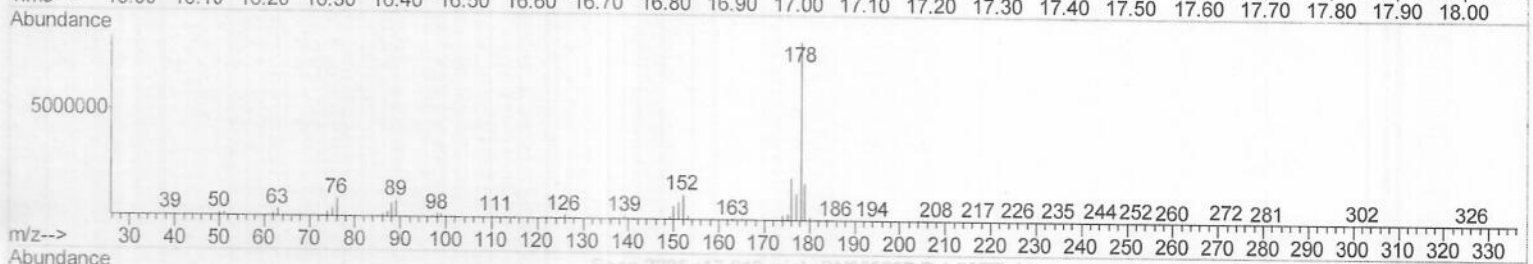
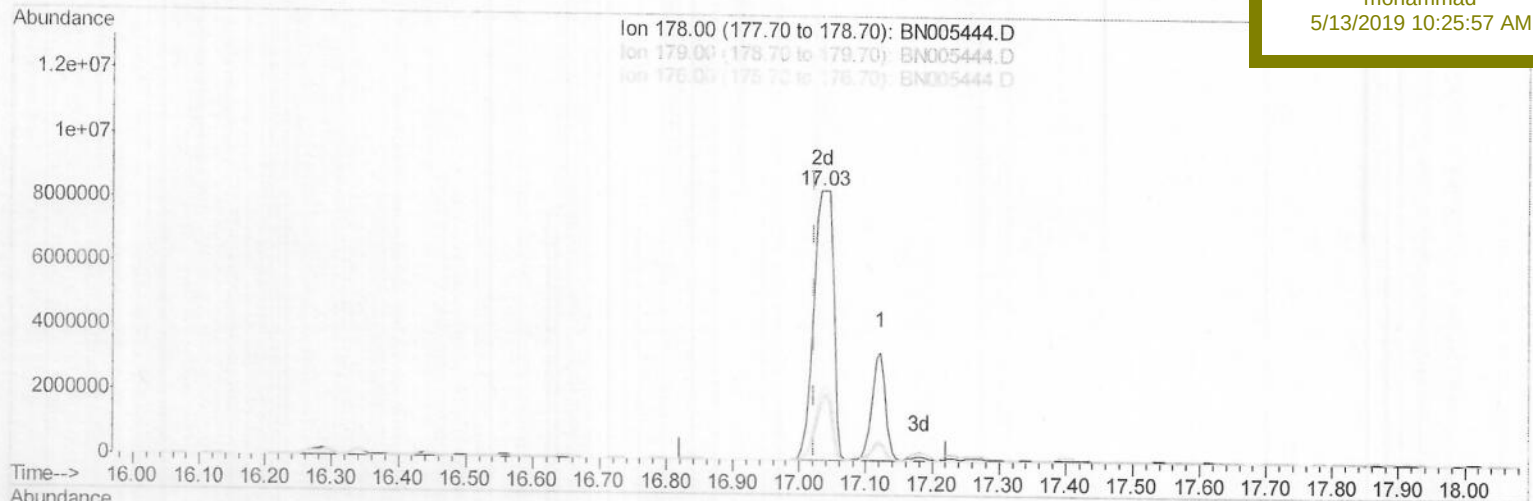
ClientSampleId :

GAJ71

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(69) Phenanthrene

17.033min (+0.011) 199.19ng/ul m

response 17264882

Ion Exp% Act%

178.00 100 100

179.00 15.30 20.56#

176.00 18.90 24.15#

0.00 0.00 0.00

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Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005444.D

Acq On : 03 May 2019 08:14

Operator : JU/SJ

Sample : K2603-19 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 14 07:20:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 11 23:17:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

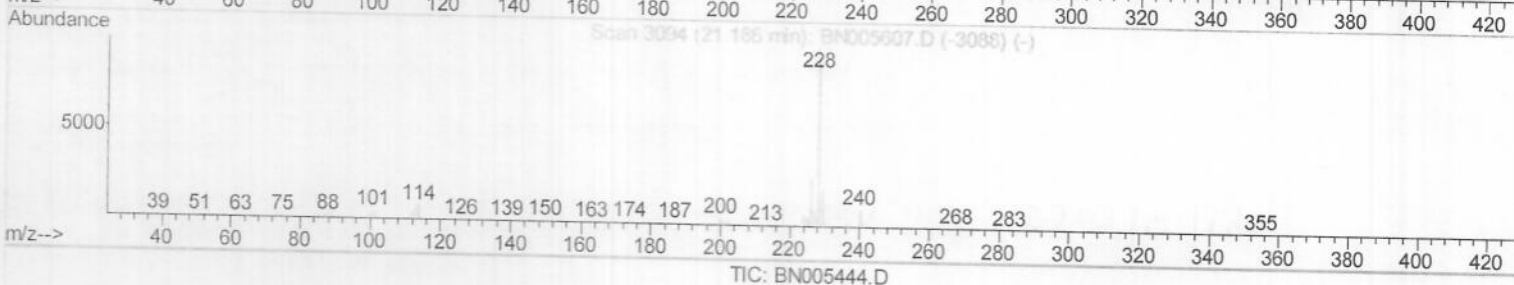
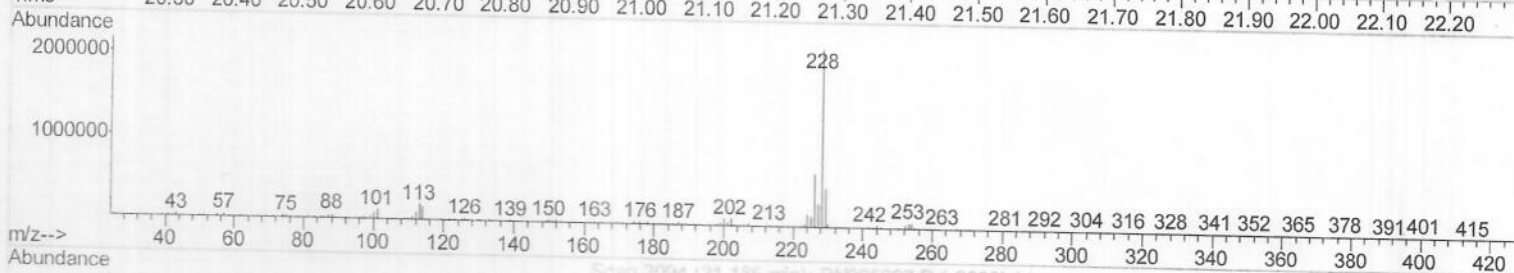
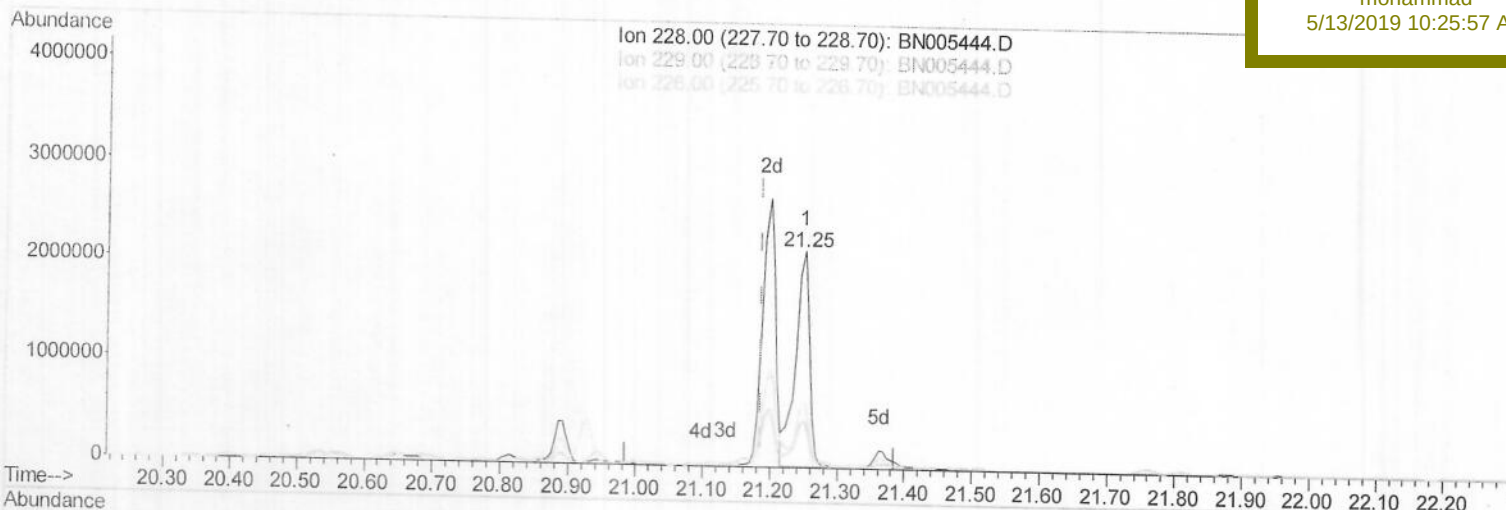
GAJ71

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(82) Benzo(a)anthracene

21.251min (+0.064) 33.86ng/ul

response 3075206

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.65
226.00	26.80	30.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005444.D

Acq On : 03 May 2019 08:14

Operator : JU/SJ

Sample : K2603-19 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 06 07:15:50 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

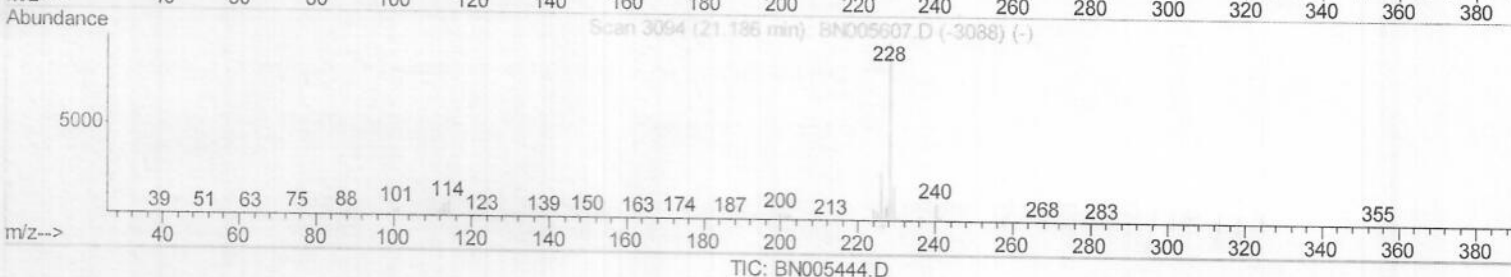
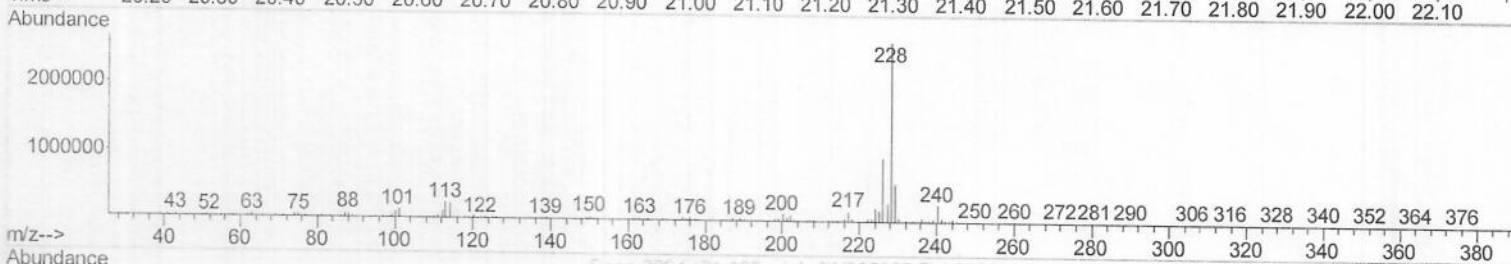
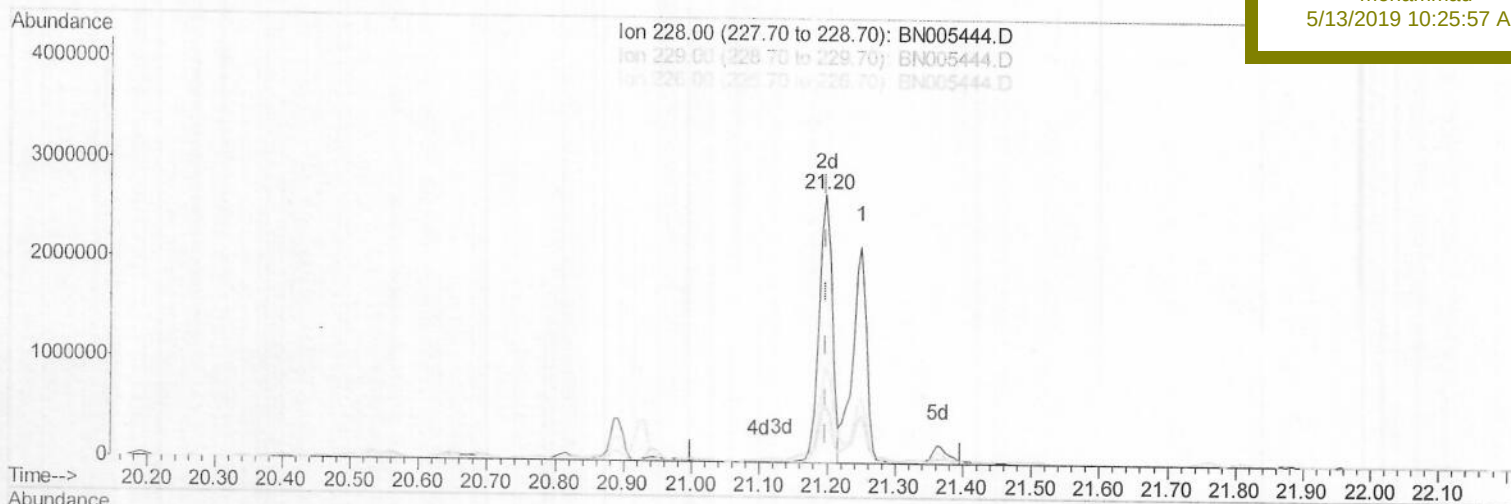
GAJ71

Manual Integrations

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(82) Benzo(a)anthracene

21.198min (-0.000) 39.78ng/ul m

response 3613155

Ion Exp% Act%

228.00 100 100

229.00 19.70 21.43

226.00 26.80 35.31#

0.00 0.00 0.00

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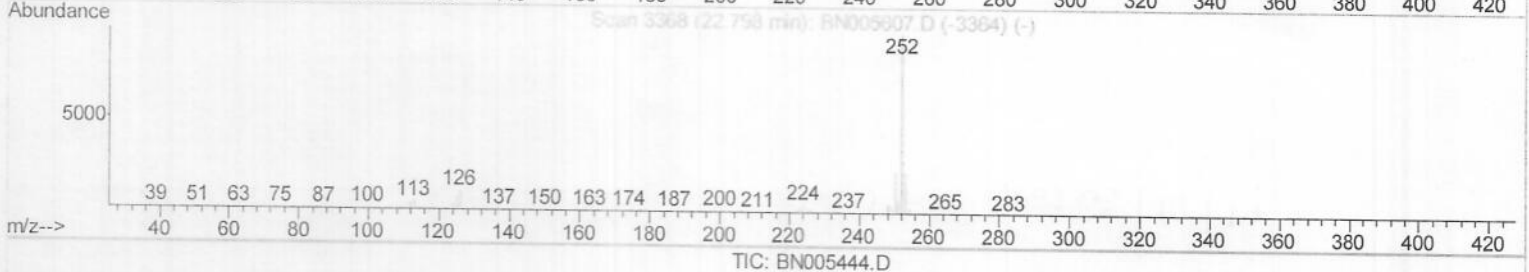
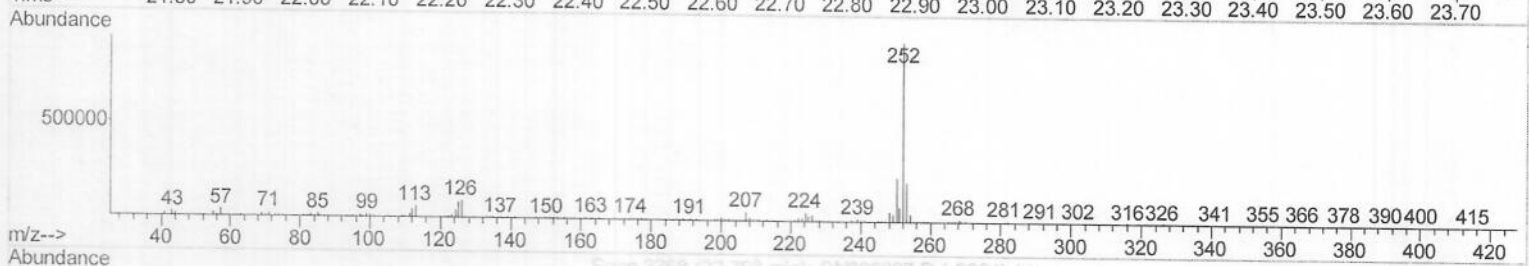
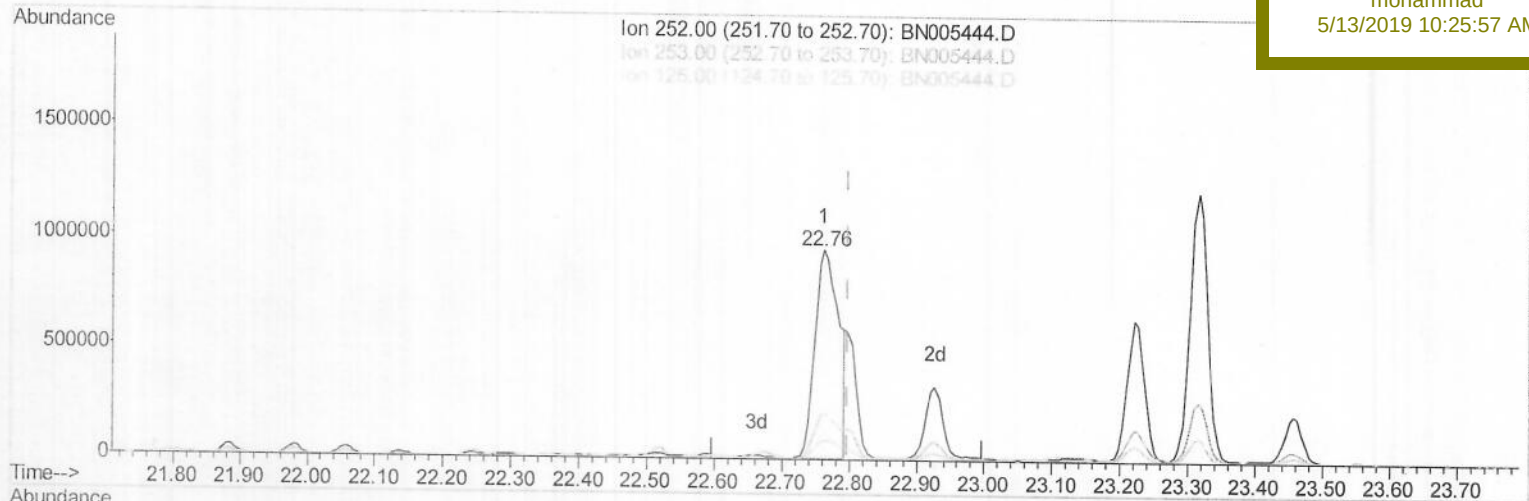
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Manual Integrations
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(88) Benzo(k)fluoranthene

22.762min (-0.036) 31.48ng/ul

response 2319246

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.07
125.00	9.40	8.89
0.00	0.00	0.00

Quantitation Report (Qedit)

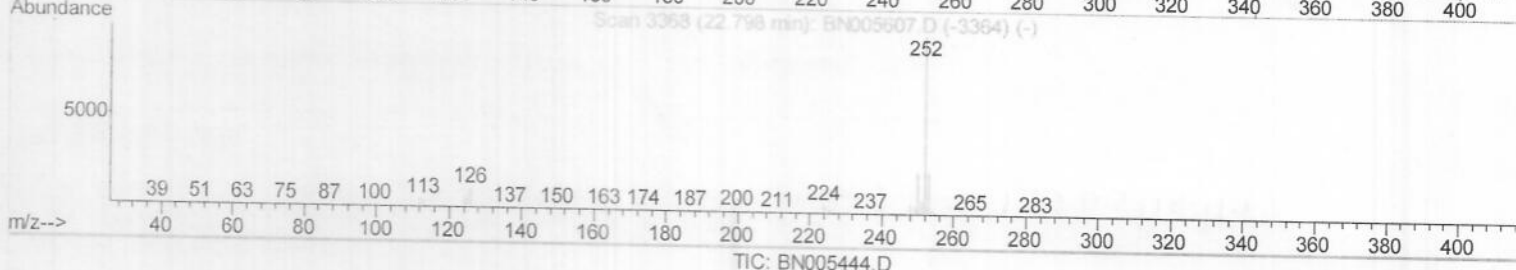
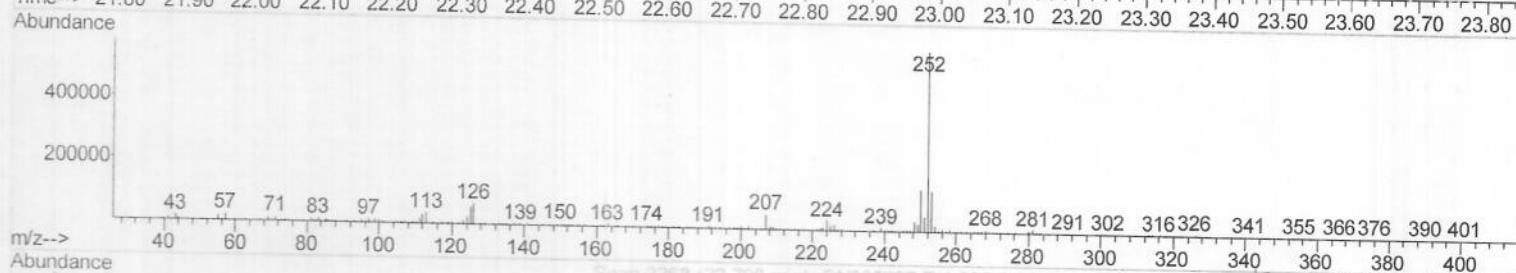
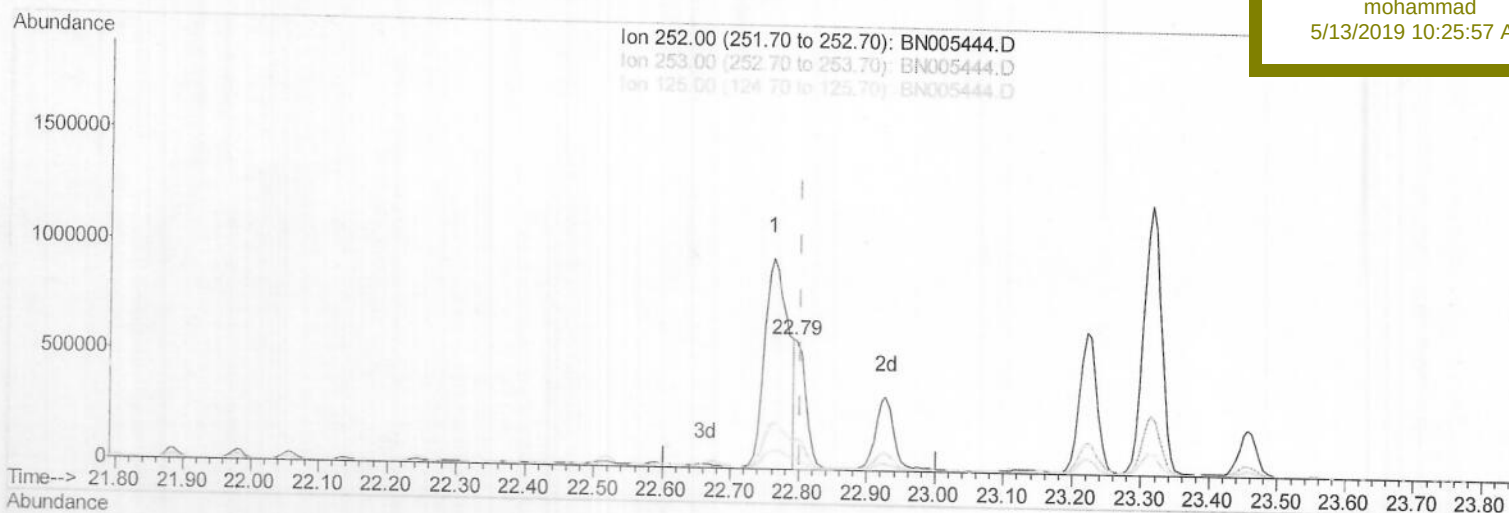
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ClientSampleId :
 GAJ71

Manual Integrations
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(88) Benzo(k)fluoranthene

22.792min (-0.012) 8.60ng/ul m

response 633816

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.95
125.00	9.40	9.36
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	294489	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1255418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	816616	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1779725	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1460074	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1372205	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	517	0.08	ng/uL	0.00
5) Phenol-d5	6.77	99	16044	0.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	12001	0.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	13814	0.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	13441	0.74	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	6049m	0.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	6771	0.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	14601	0.81	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	62431	1.05	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	61507	0.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	9585	1.02	ng/ul	0.00
57) Fluorene-d10	15.23	176	52189	1.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	3468	0.43	ng/ul	-0.02
70) Anthracene-d10	17.09	188	72976	0.98	ng/ul	0.00
78) Pyrene-d10	19.39	212	76346	1.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	54038	0.90	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.80	94	28743	1.208	ng/ul	96
11) 2-Methylphenol	8.03	108	64356	3.610	ng/ul	92
16) 4-Methylphenol	8.36	108	80798	4.197	ng/ul	100
24) 2,4-Dimethylphenol	9.57	107	85629m	3.853	ng/ul	
28) Naphthalene	10.41	128	23326687m	399.687	ng/ul	
34) 2-Methylnaphthalene	12.05	142	19306830	451.795	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	2107104	34.630	ng/ul	99
47) Acenaphthylene	13.95	152	7393267	103.327	ng/ul#	95
49) Acenaphthene	14.29	153	1008366	20.643	ng/ul	99
53) Dibenzofuran	14.63	168	1930465	27.449	ng/ul	98
58) Fluorene	15.29	166	5077653	92.524	ng/ul	97
69) Phenanthrene	17.03	178	17264882m	199.190	ng/ul	
71) Anthracene	17.12	178	4728050	53.548	ng/ul	99
74) Carbazole	17.39	167	523220	6.898	ng/ul	96
76) Fluoranthene	19.06	202	8114060	84.399	ng/ul	97
79) Pyrene	19.43	202	11007680	117.091	ng/ul	95
82) Benzo(a)anthracene	21.20	228	3613155m	39.779	ng/ul	
84) Chrysene	21.25	228	3075206	36.479	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	2319246	30.067	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	633816m	8.604	ng/ul	
90) Benzo(a)pyrene	23.32	252	2206062	30.427	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.59	276	869728	10.850	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.59	278	254181	3.736	ng/ul	95

57
 05/12/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\
Data File : BN005444.D
Acq On : 03 May 2019 08:14
Operator : JU/SJ
Sample : K2603-19 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 06 07:15:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.25	276	815993	12.311 ng/ul	96

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

Instrument :
BNA_N
ClientSampleId :
GAJ71

Manual Integrations
APPROVED

mohammad
5/13/2019 10:25:57 AM