

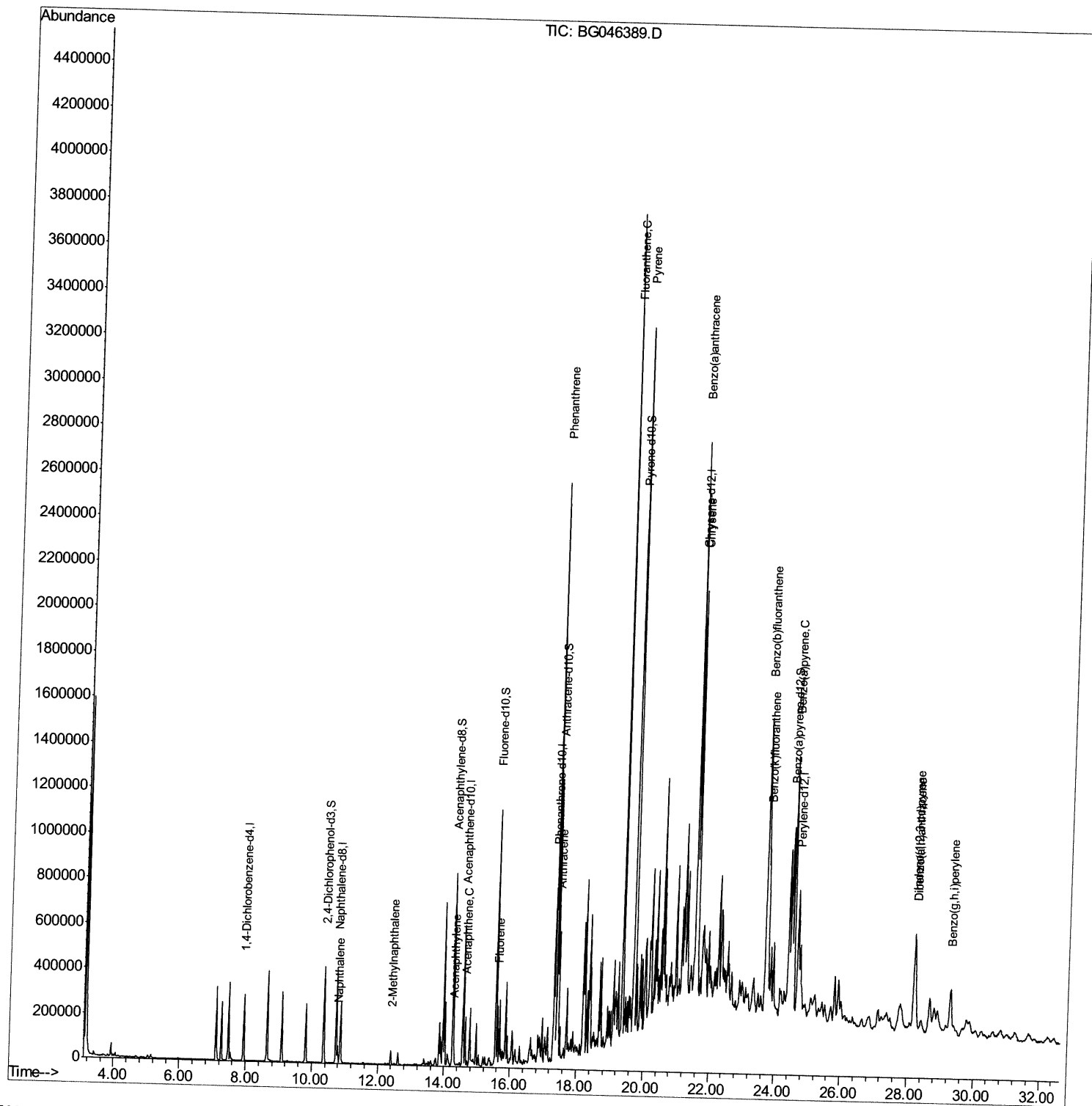
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046389.D
 Acq On : 20 Aug 2020 21:57
 Operator : CG/JU
 Sample : L3634-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMF1

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:47:51 PM

Quant Time: Aug 21 01:31:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 00:37:00 2020
 Response via : Initial Calibration



Quantitation Report (Qedit)

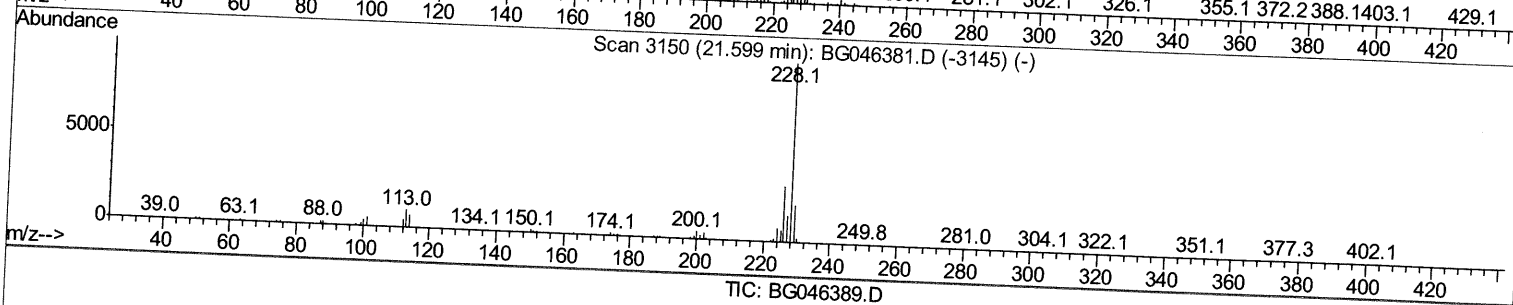
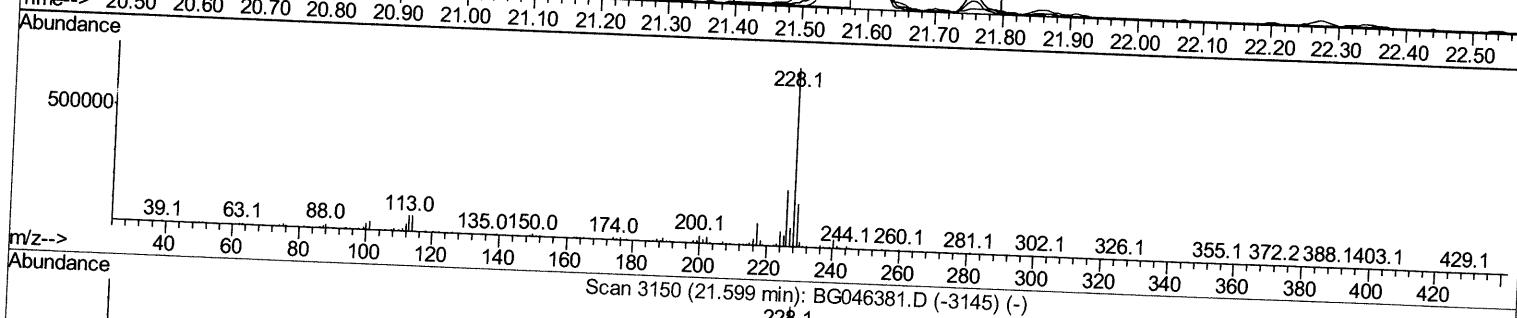
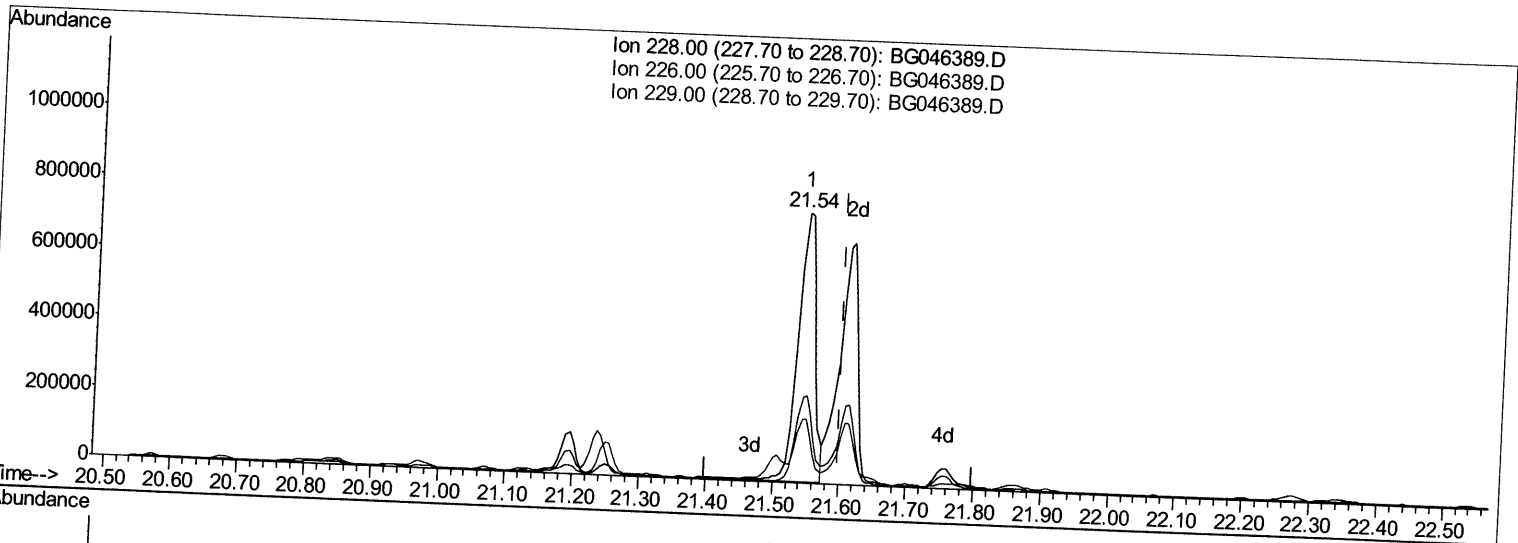
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(22) Chrysene

21.542min (-0.057) 42.12ng/ui

response 1375312

Ion	Exp%	Act%
228.00	100	100
226.00	31.90	31.64
229.00	21.20	23.68
0.00	0.00	0.00

Quantitation Report (Qedit)

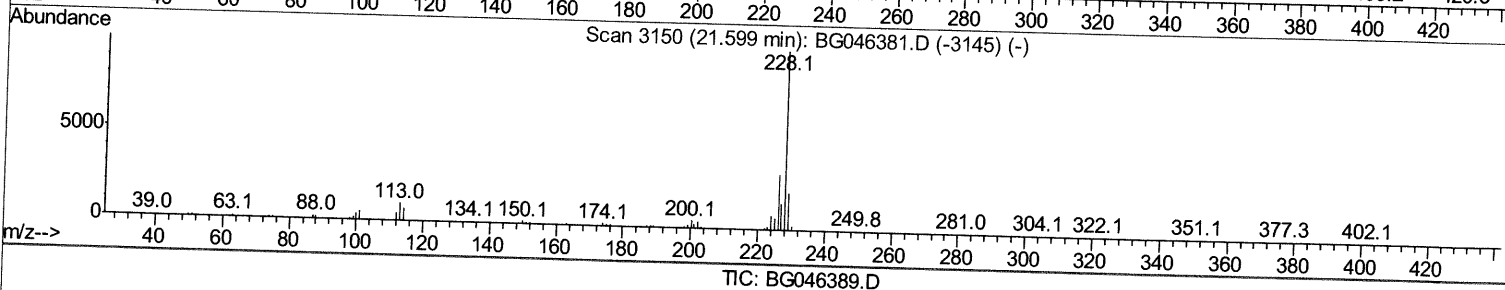
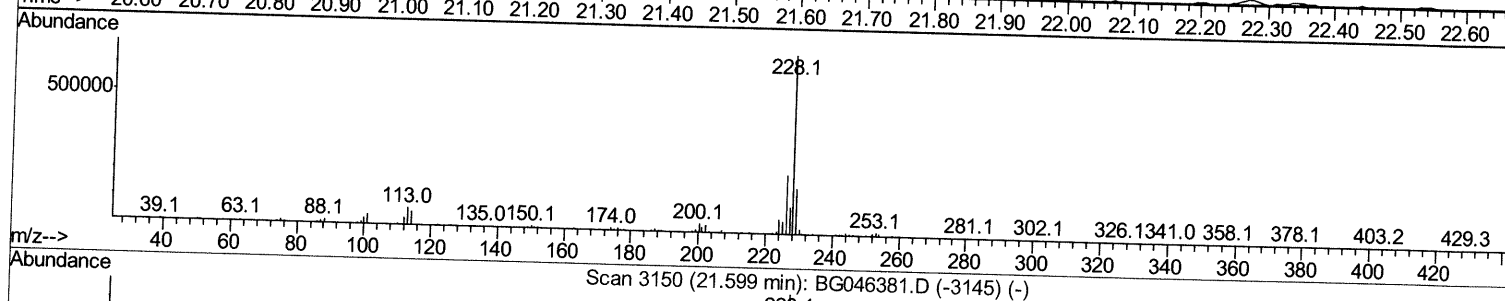
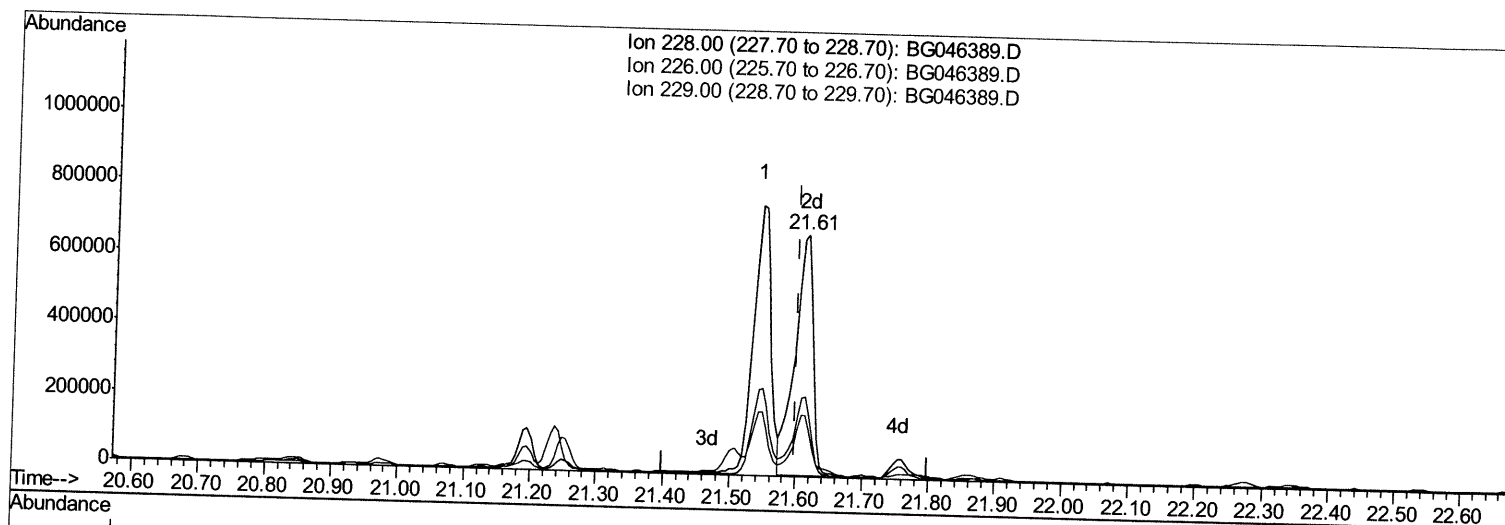
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(22) Chrysene

21.612min (+0.013) 39.87ng/ul m

response 1301753

Ion	Exp%	Act%
228.00	100	100
226.00	31.90	33.21
229.00	21.20	25.60#
0.00	0.00	0.00

JU 8/24/20

Quantitation Report (Qedit)

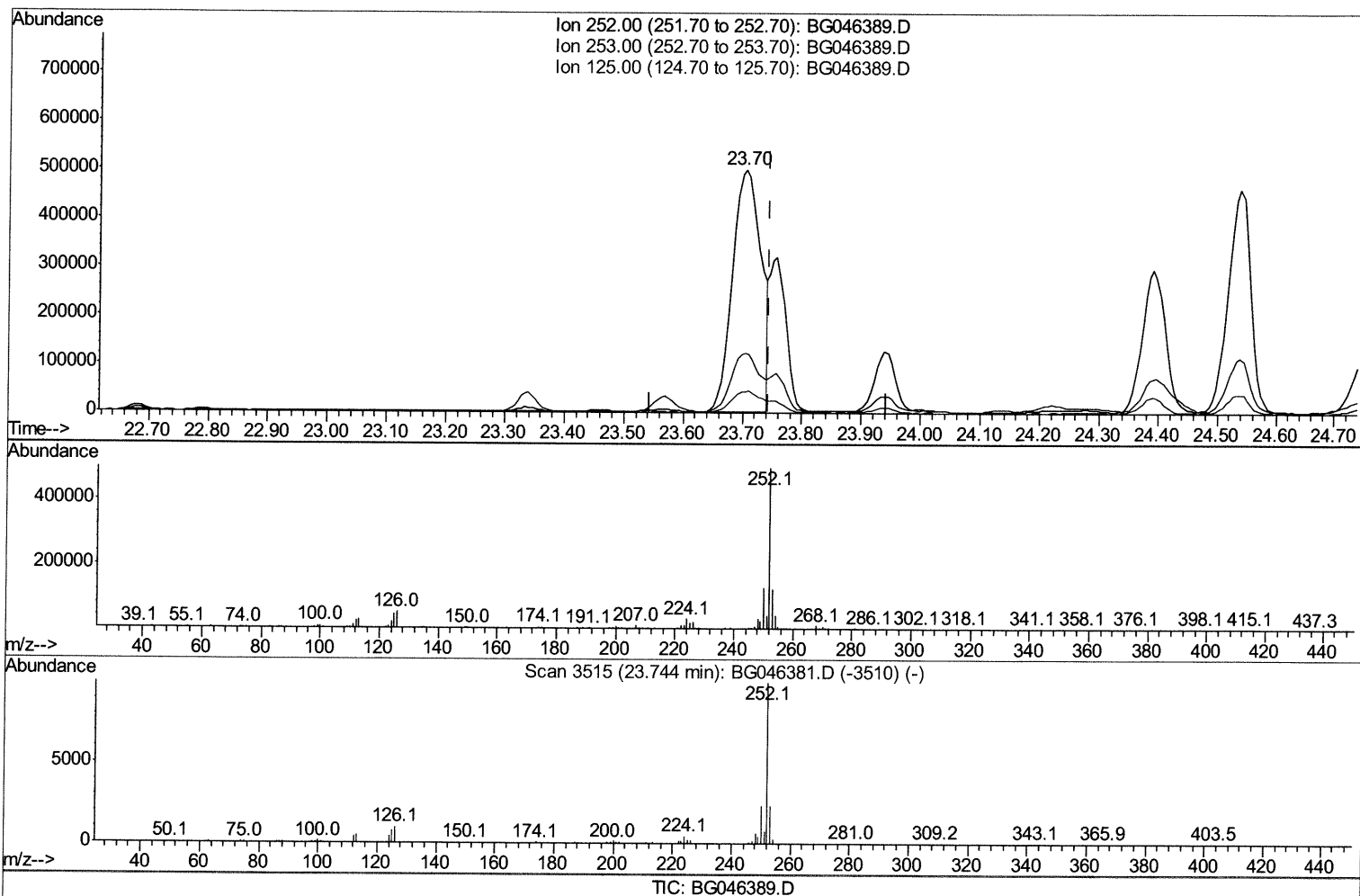
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046389.D
Acq On : 20 Aug 2020 21:57
Operator : CG/JU
Sample : L3634-03
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BFMF1

Manual Integrations
APPROVED

mohammad
8/21/2020 12:47:51 PM

Quant Time: Aug 21 00:39:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.704min (-0.040) 44.96ng/ul

response 1660391

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.64
125.00	7.70	8.73
0.00	0.00	0.00

Quantitation Report (Qedit)

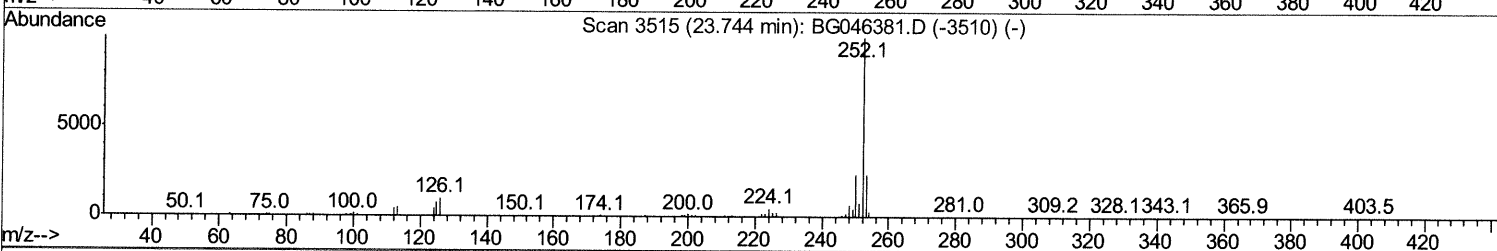
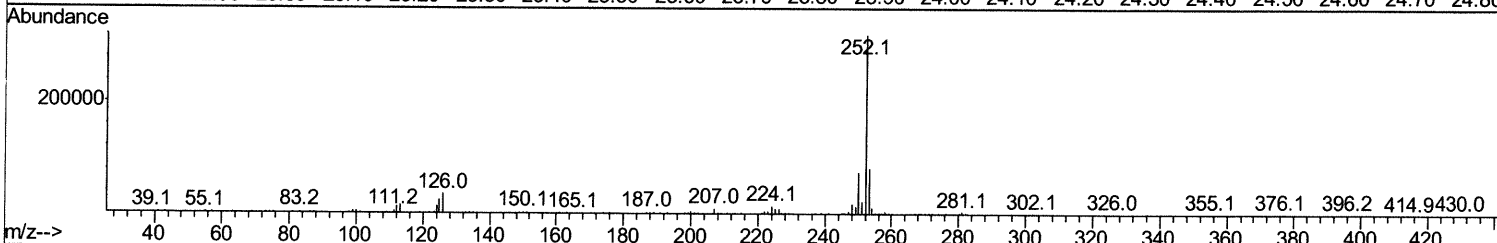
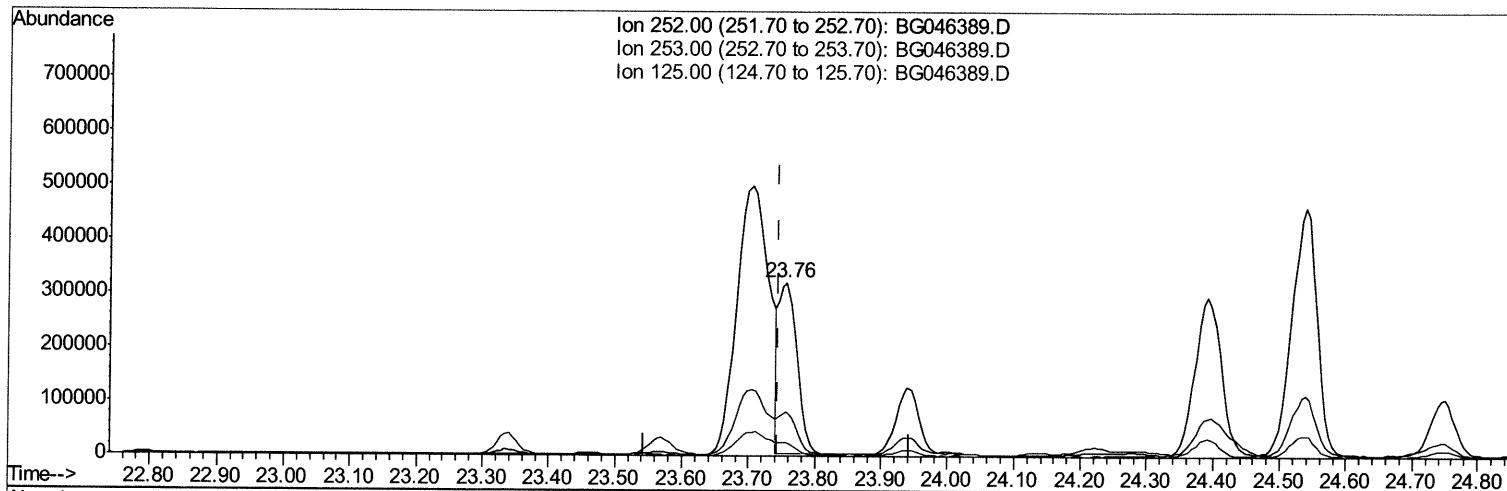
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 ALS Vial : 53 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG046389.D

(25) Benzo(k)fluoranthene

23.757min (+0.013) 16.45ng/ul m

response 607432

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.38
125.00	7.70	7.94
0.00	0.00	0.00

Quantitation Report (Qedit)

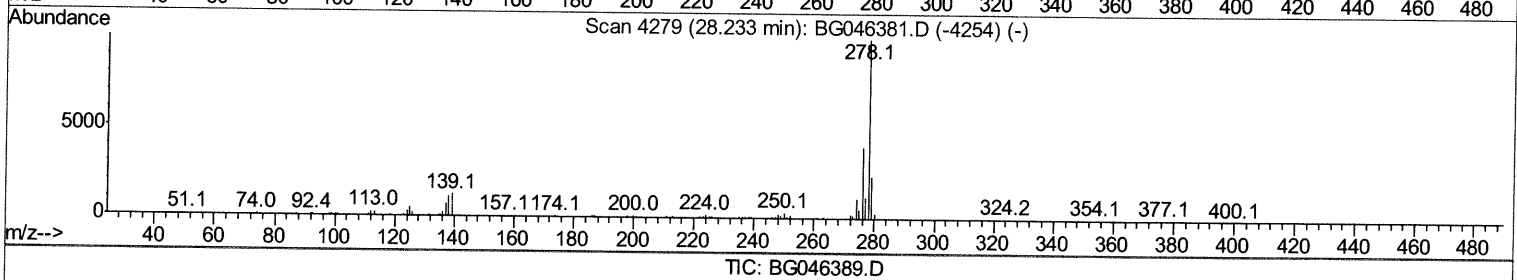
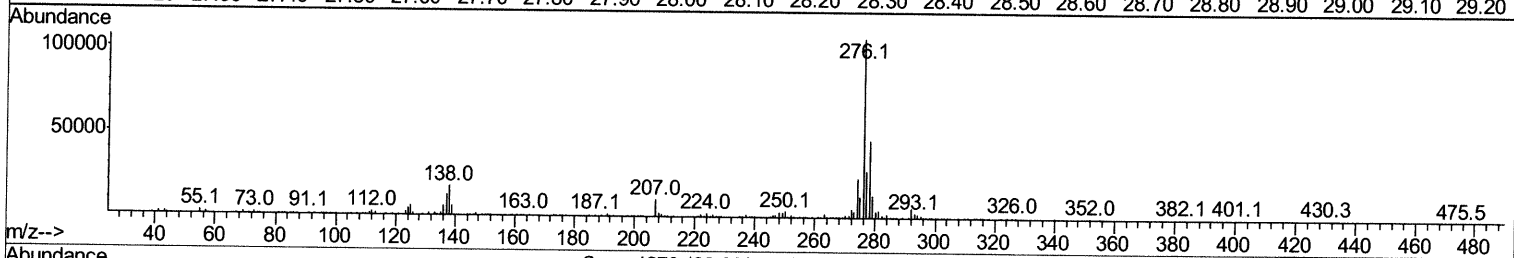
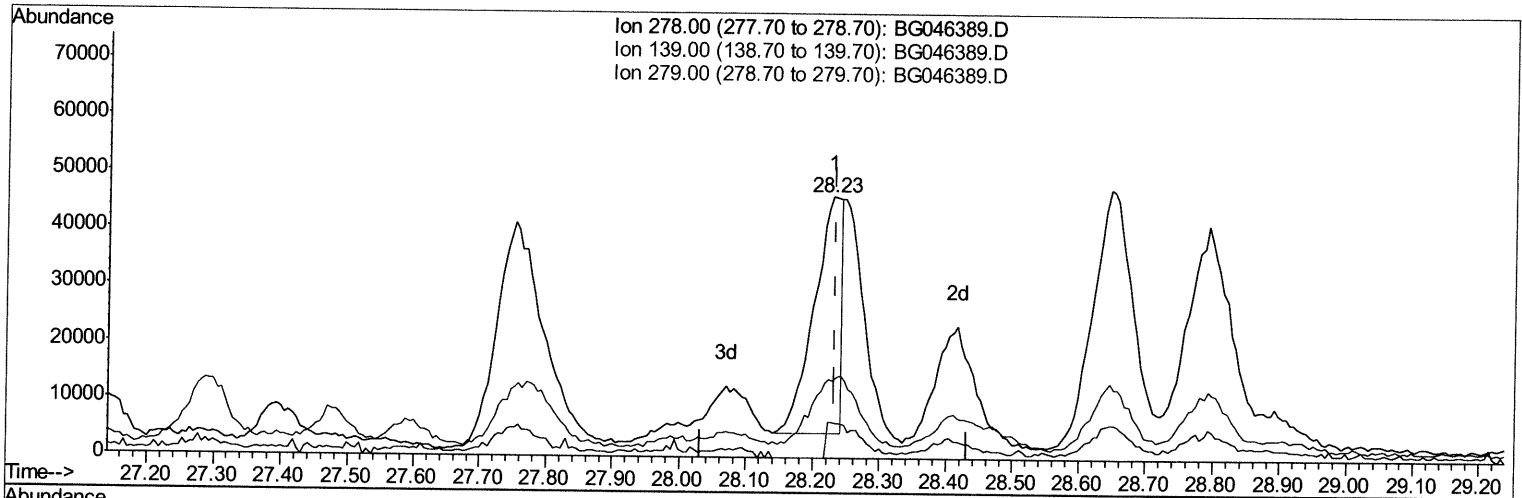
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Operator : CG/JU
Sample : L3634-03
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMF1

Manual Integrations
APPROVED

mohammad
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(29) Dibenzo(a,h)anthracene

28.228min (-0.004) 3.44ng/ul

response 119211

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	13.49
279.00	24.60	29.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

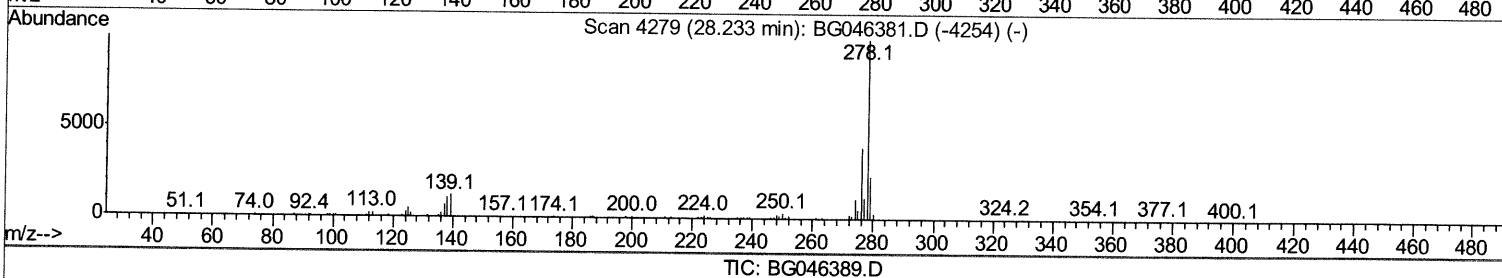
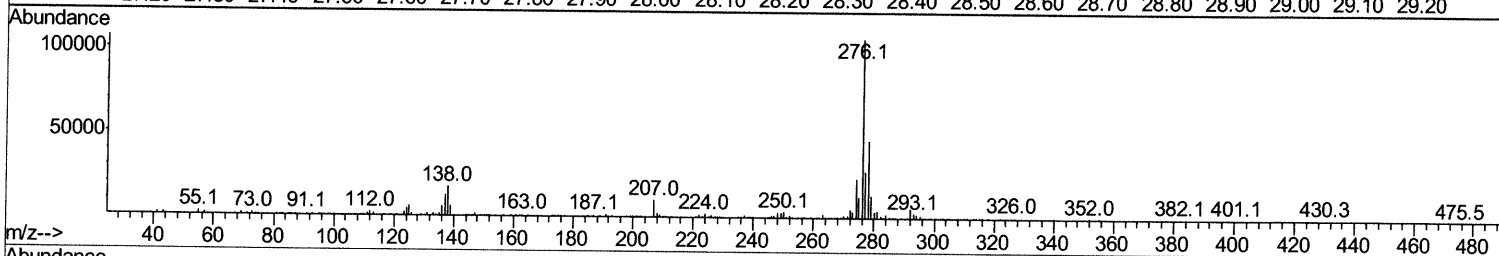
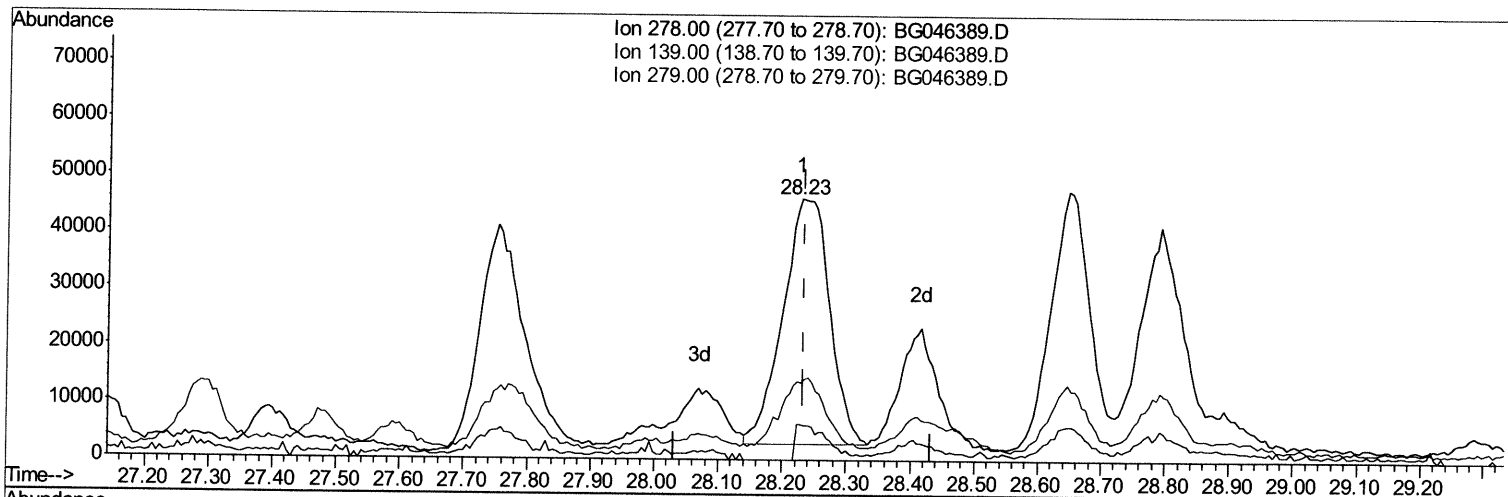
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 Data File : BG046389.D
 Acq On : 20 Aug 2020 21:57
 Operator : CG/JU
 Sample : L3634-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMF1

Manual Integrations
 APPROVED

mohammad
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(29) Dibenzo(a,h)anthracene

28.228min (-0.004) 6.32ng/ul m

response 219320

Ion Exp% Act%

278.00 100 100

139.00 12.30 13.49

279.00 24.60 29.52#

0.00 0.00 0.00

JU 8/24/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	92531	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	355141	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	225719	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	496147	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	519089	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	562928	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.36	165	186817	30.55	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	642772	30.94	ng/ul	0.00
10) Fluorene-d10	15.56	176	479188	30.10	ng/ul	0.00
15) Anthracene-d10	17.41	188	683003	29.70	ng/ul	0.00
19) Pyrene-d10	19.70	212	813442	30.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	935574	30.46	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	10.78	128	65556	3.549	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	32840	2.332	ng/ul	92
8) Acenaphthylene	14.29	152	60800	2.879	ng/ul	97
9) Acenaphthene	14.63	153	92608	6.140	ng/ul	96
11) Fluorene	15.61	166	104783	5.942	ng/ul	96
14) Phenanthrene	17.36	178	1620400	59.366	ng/ul	93
16) Anthracene	17.45	178	389045	14.126	ng/ul	99
17) Fluoranthene	19.37	202	2190834	71.984	ng/ul#	95
20) Pyrene	19.73	202	1993217	58.498	ng/ul	97
21) Benzo(a)anthracene	21.54	228	1375922	40.740	ng/ul	94
22) Chrysene	21.61	228	1301753m	39.871	ng/ul	96
24) Benzo(b)fluoranthene	23.70	252	1660391	44.604	ng/ul	96
25) Benzo(k)fluoranthene	23.76	252	607432m	16.450	ng/ul	96
27) Benzo(a)pyrene	24.54	252	1205937	35.287	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.20	276	735529	17.188	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	219320m	6.321	ng/ul	99
30) Benzo(a,h,i)perylene	29.29	276	398270	11.121	ng/ul	98

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