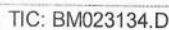


Quant Time: Oct 14 10:53:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Manual Integrations

mohammad



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\

Data File : BM023134.D

Acq On : 11 Oct 2019 17:44

Operator : JU

Sample : K5124-09

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 12 00:53:30 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 08 15:02:34 2019

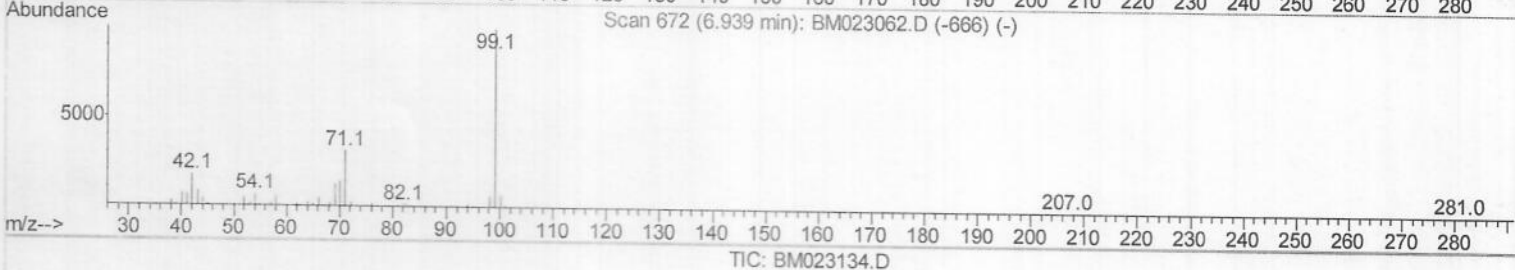
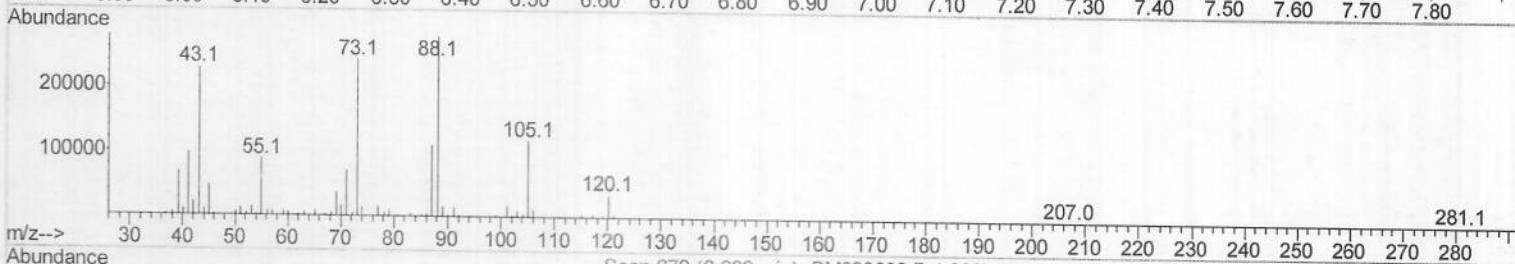
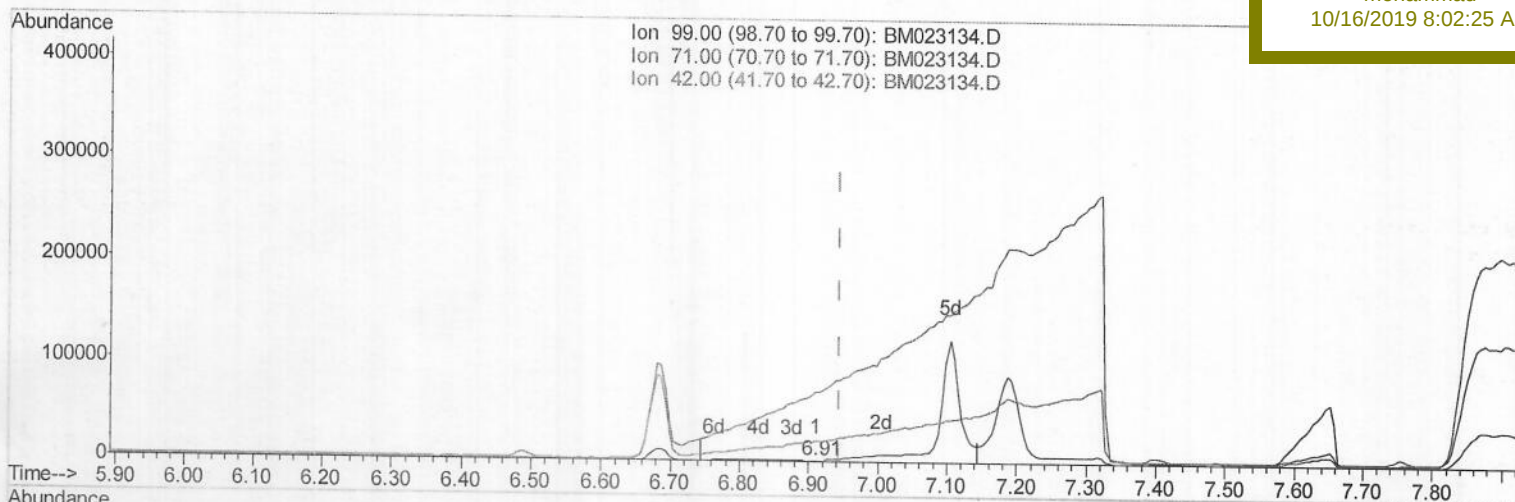
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

JLM79

Manual Integrations
APPROVEDmohammad
10/16/2019 8:02:25 AM

(5) Phenol-d5 (S)

6.910min (-0.035) 0.04ng/ul

response 571

Ion	Exp%	Act%
99.00	100	100
71.00	31.10	3979.90#
42.00	16.70	1154.66#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\

Data File : BM023134.D

Acq On : 11 Oct 2019 17:44

Operator : JU

Sample : K5124-09

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 14 10:53:14 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 08 15:02:34 2019

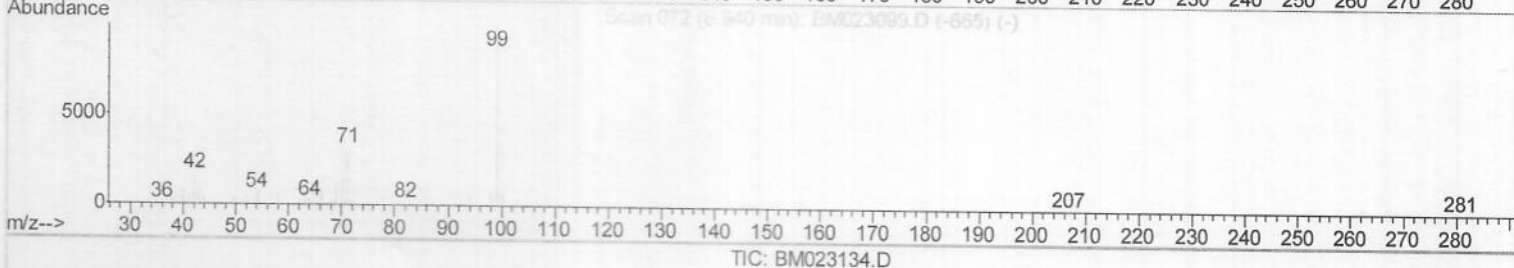
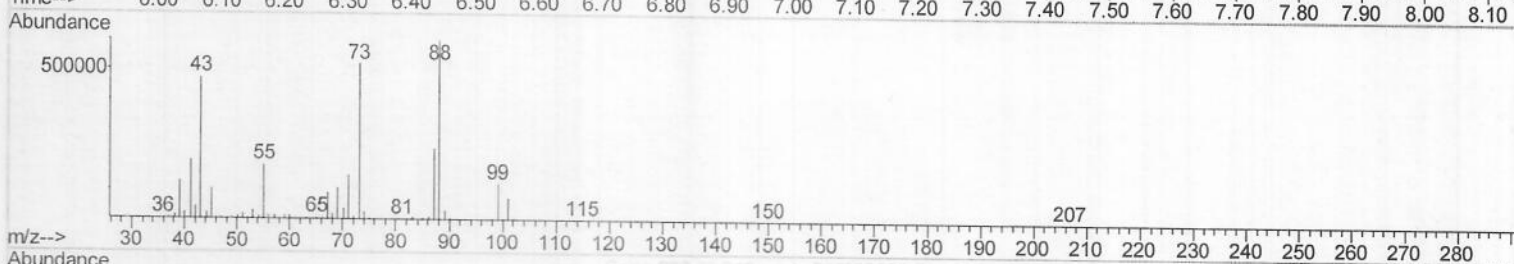
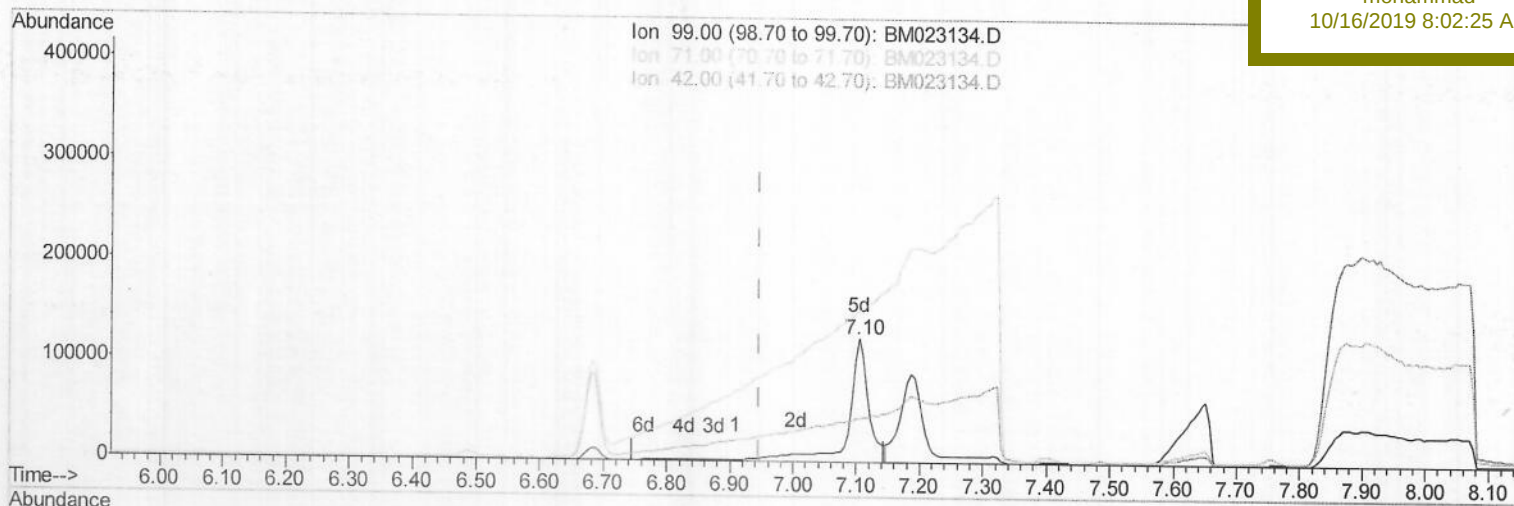
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

JLM79

Manual Integrations
APPROVEDmohammad
10/16/2019 8:02:25 AM

TIC: BM023134.D

(5) Phenol-d5 (S)

7.105min (+0.159) 17.75ng/ul m

response 278690

Ion	Exp%	Act%
99.00	100	100
71.00	31.10	121.59#
42.00	16.70	34.31#
0.00	0.00	0.00

JU 10/16/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\

Data File : BM023134.D

Acq On : 11 Oct 2019 17:44

Operator : JU

Sample : K5124-09

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 12 00:53:30 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 08 15:02:34 2019

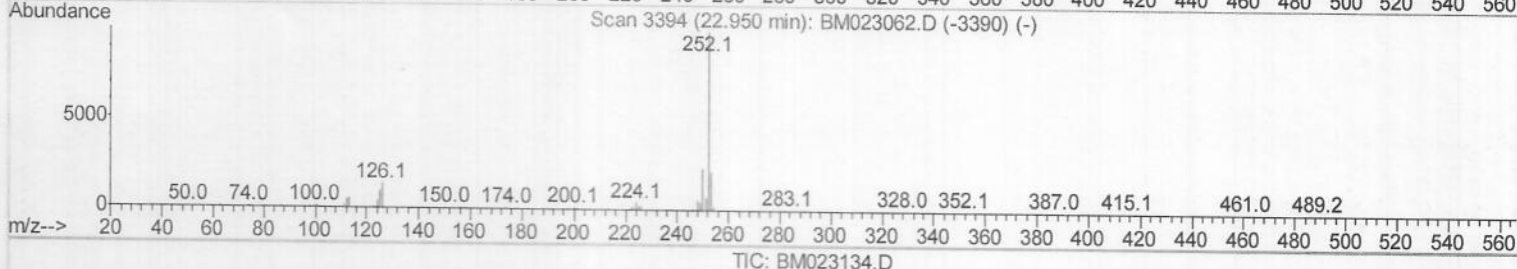
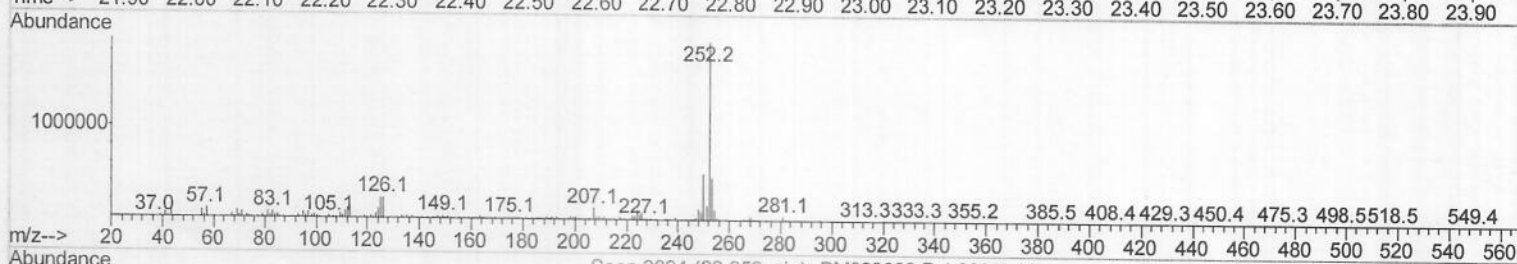
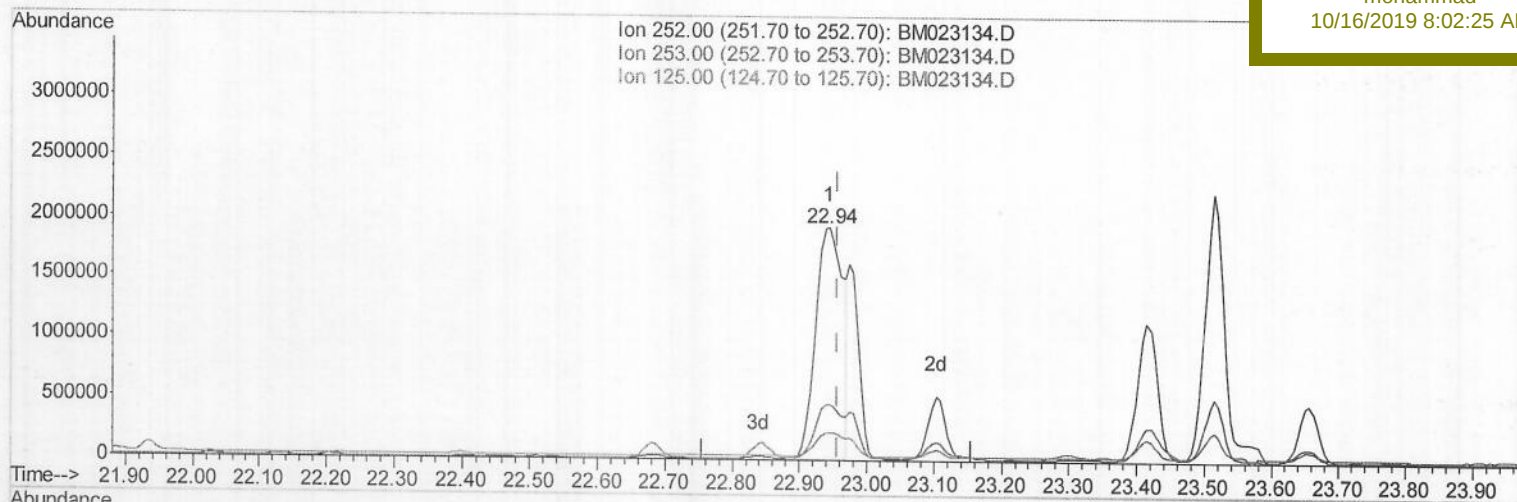
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

JLM79

Manual Integrations
APPROVEDmohammad
10/16/2019 8:02:25 AM

(89) Benzo(k)fluoranthene

22.945min (-0.012) 90.62ng/ul

response 5367367

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.76
125.00	9.90	11.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\

Data File : BM023134.D

Acq On : 11 Oct 2019 17:44

Operator : JU

Sample : K5124-09

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 12 00:53:30 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 08 15:02:34 2019

Response via : Initial Calibration

Instrument :

BNA_M

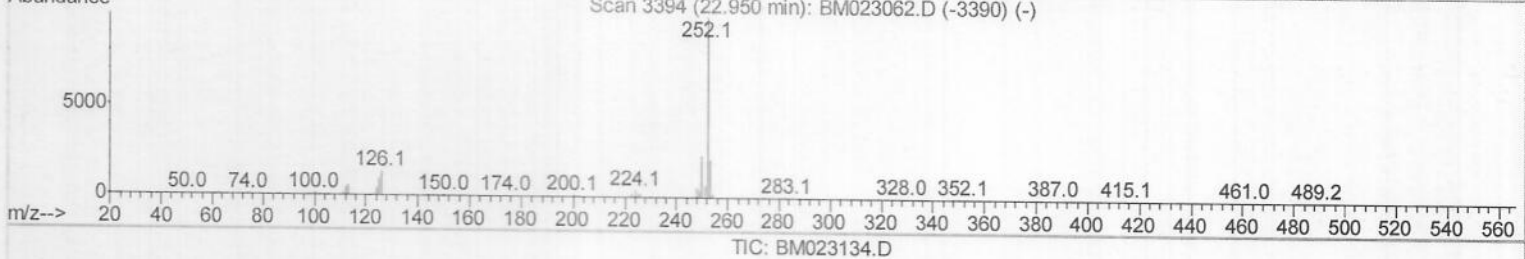
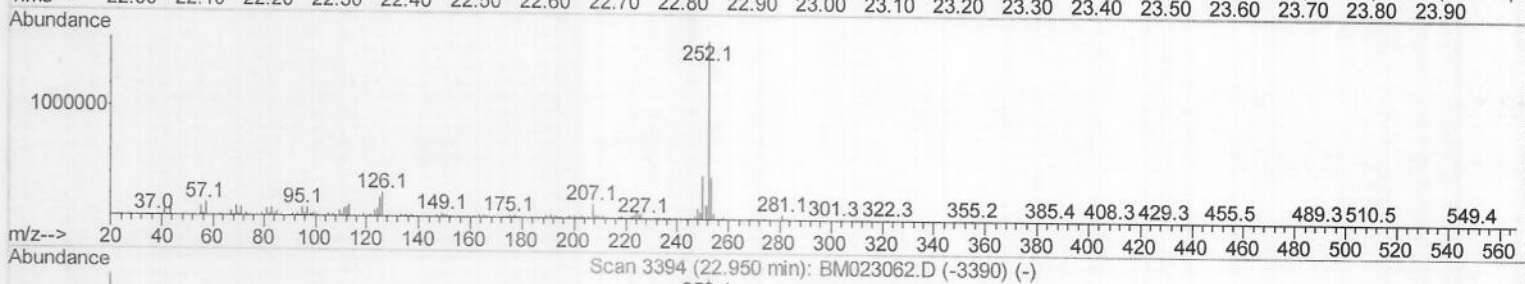
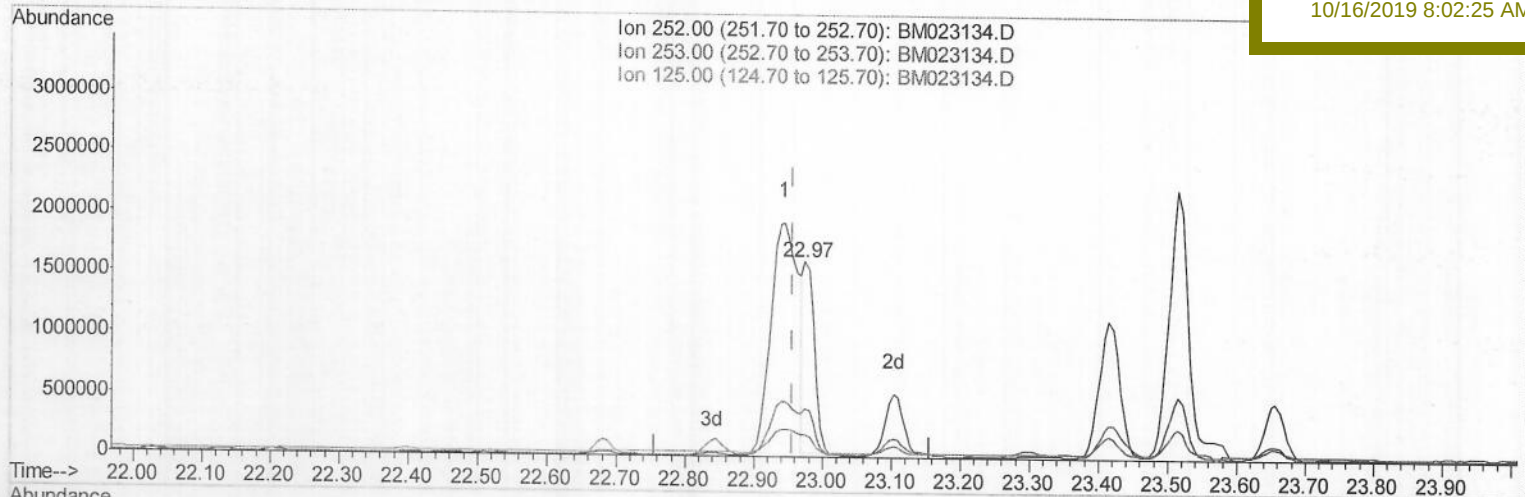
ClientSampleId :

JLM79

Manual Integrations
APPROVED

mohammad

10/16/2019 8:02:25 AM



(89) Benzo(k)fluoranthene

22.974min (+0.018) 29.90ng/ul m

response 1771046

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.11
125.00	9.90	11.21
0.00	0.00	0.00

> JU 10/16/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\

Data File : BM023134.D

Acq On : 11 Oct 2019 17:44

Operator : JU

Sample : K5124-09

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 12 00:59:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 08 15:02:34 2019

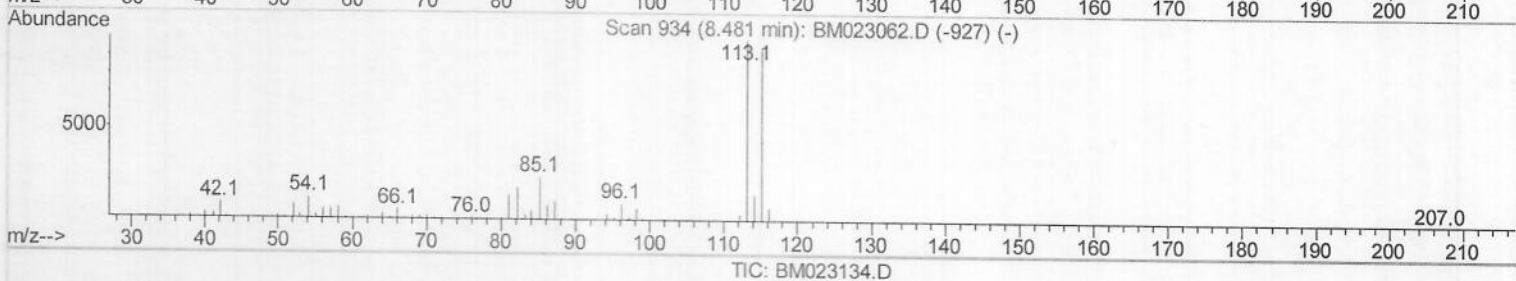
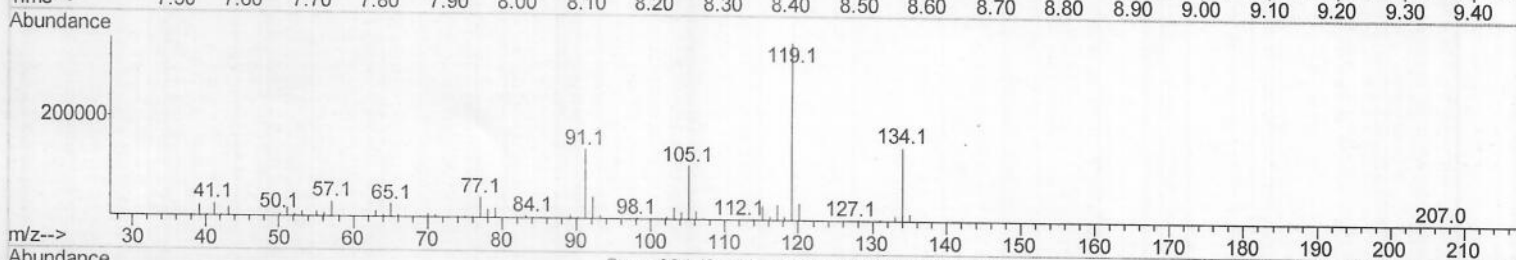
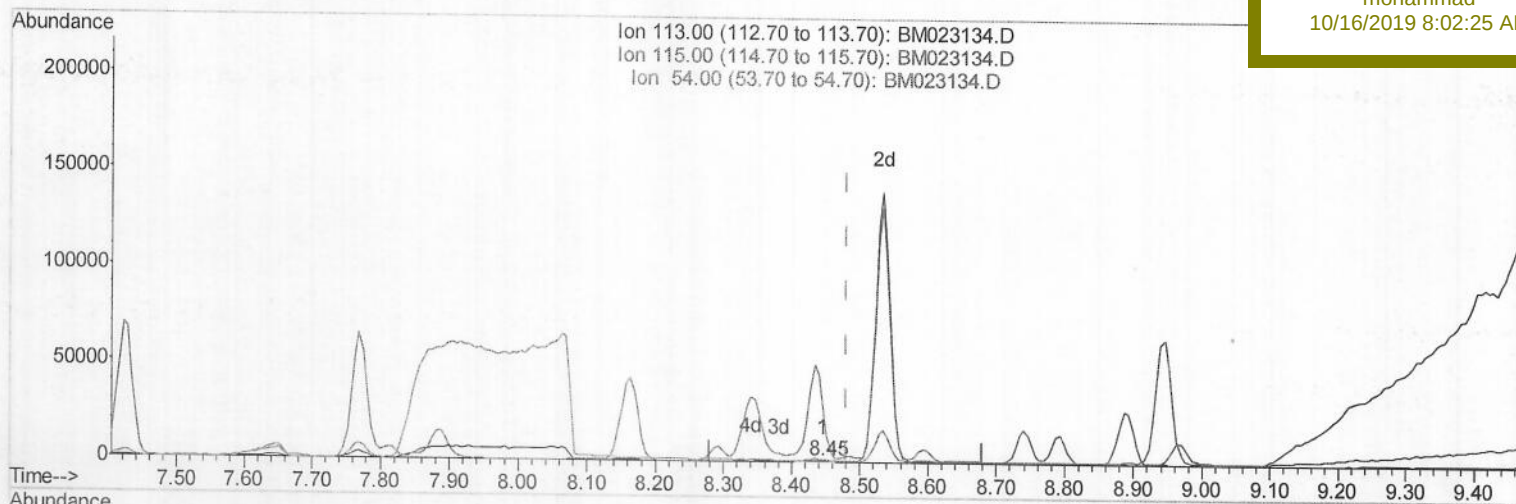
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

JLM79

Manual Integrations
APPROVEDmohammad
10/16/2019 8:02:25 AM

(13) 4-Methylphenol-d8 (S)

8.446min (-0.035) 0.11ng/ul

response 1407

Ion	Exp%	Act%
113.00	100	100
115.00	95.20	3914.21#
54.00	12.10	169.03#
0.00	0.00	0.00

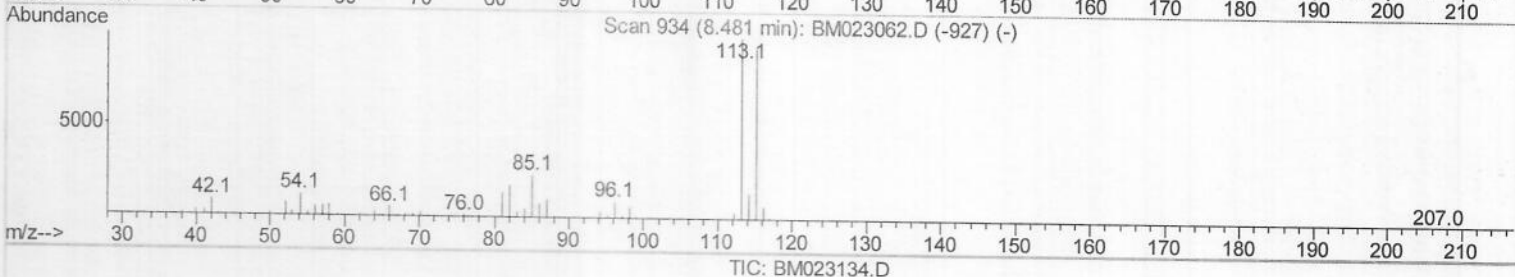
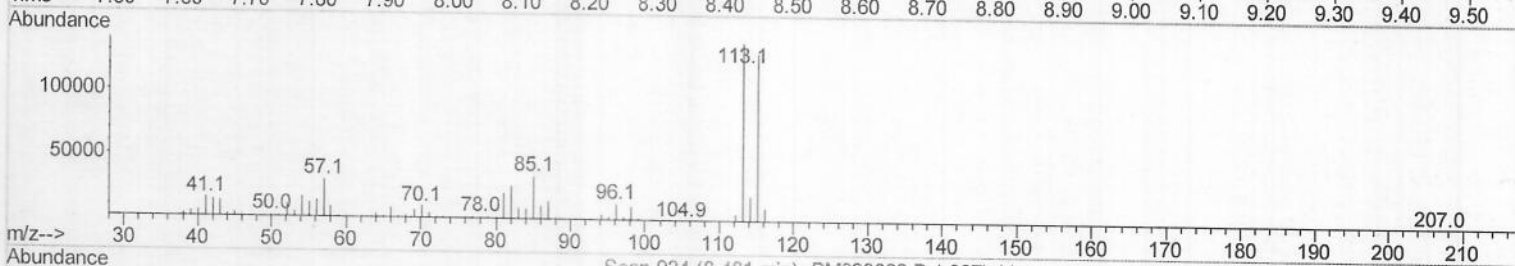
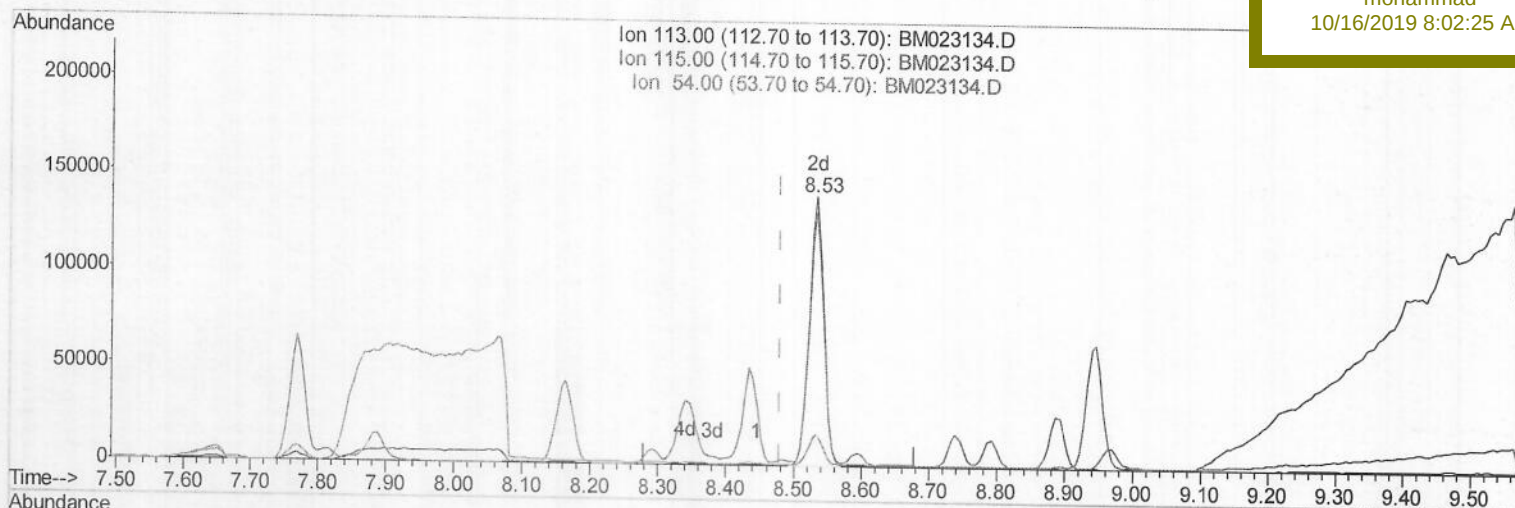
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023134.D
Acq On : 11 Oct 2019 17:44
Operator : JU
Sample : K5124-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 12 00:59:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
JLM79

Manual Integrations
APPROVED

mohammad
10/16/2019 8:02:25 AM



(13) 4-Methylphenol-d8 (S)

8.534min (+0.053) 16.30ng/ul m

response 209547

Ion	Exp%	Act%
113.00	100	100
115.00	95.20	94.05
54.00	12.10	11.80
0.00	0.00	0.00

> JU 10/16/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
 Data File : BM023134.D
 Acq On : 11 Oct 2019 17:44
 Operator : JU
 Sample : K5124-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 JLM79

Quant Time: Oct 14 10:53:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:02:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	177679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	681866	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	366319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	695850	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	653566	20.00	ng/ul	0.01
86) Perylene-d12	23.61	264	932895	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12377	3.01	ng/uL	0.00
5) Phenol-d5	7.10	99	278690m	17.75	ng/ul	0.16
7) Bis-(2-Chloroethyl) ether-d	7.10	67	138849	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	218179	17.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	209547m	16.30	ng/ul	0.05
19) Nitrobenzene-d5	8.95	128	107769	20.48	ng/ul	0.02
22) 2-Nitrophenol-d4	9.66	143	121718	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	218876	19.13	ng/ul	0.02
29) 4-Chloroaniline-d4	10.72	131	61121	4.40	ng/ul	0.02
44) Dimethylphthalate-d6	13.83	166	566454	19.92	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	694789	21.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	85290	15.18	ng/ul	0.01
58) Fluorene-d10	15.40	176	473610	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	63452	14.01	ng/ul	0.00
71) Anthracene-d10	17.25	188	699514	20.59	ng/ul	0.00
79) Pyrene-d10	19.56	212	779997	22.17	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.47	264	925485	19.18	ng/ul	0.02

Target Compounds

					Qvalue
28) Naphthalene	10.62	128	91771	2.492	ng/ul 99
34) 2-Methylnaphthalene	12.23	142	30258	1.096	ng/ul 99
45) Dimethylphthalate	13.87	163	177379	6.074	ng/ul 100
48) Acenaphthylene	14.14	152	1749356	49.368	ng/ul 100
50) Acenaphthene	14.47	153	59439	2.408	ng/ul 95
54) Dibenzofuran	14.81	168	101274	2.873	ng/ul 100
59) Fluorene	15.46	166	230862	8.103	ng/ul 99
70) Phenanthrene	17.19	178	2268942	54.634	ng/ul 100
72) Anthracene	17.29	178	1097587	25.938	ng/ul 100
75) Carbazole	17.55	167	155407	4.132	ng/ul 97
77) Fluoranthene	19.22	202	6032830	129.161	ng/ul 100
80) Pyrene	19.59	202	6396658	138.068	ng/ul 99
83) Benzo(a)anthracene	21.33	228	3256931	69.410	ng/ul 93
84) Bis(2-ethylhexyl)phthalate	21.26	149	645947	23.860	ng/ul# 96
85) Chrysene	21.38	228	4340283	100.324	ng/ul 97
88) Benzo(b)fluoranthene	22.94	252	5367367	86.698	ng/ul 96
89) Benzo(k)fluoranthene	22.97	252	1771046m	29.902	ng/ul 96
91) Benzo(a)pyrene	23.52	252	4462574	76.833	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.90	276	2906500	47.113	ng/ul 96
93) Dibenzo(a,h)anthracene	25.90	278	820492	15.898	ng/ul 94
94) Benzo(g,h,i)perylene	26.60	276	2396365	48.147	ng/ul 98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023134.D
Acq On : 11 Oct 2019 17:44
Operator : JU
Sample : K5124-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 14 10:53:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_M
ClientSampleId :
JLM79

Manual Integrations
APPROVED

mohammad
10/16/2019 8:02:25 AM