

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006962.D
 Acq On : 07 Aug 2016 06:19
 Operator : UM/SJ
 Sample : H4301-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0G0

Manual Integrations
 APPROVED

sohil
 8/8/2016 7:06:43 PM

Quant Time: Aug 08 04:35:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 03:51:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	182729	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	903771	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	600258	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1460592	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1563301	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1194371	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	7442	1.86	ng/uL	0.00
3) Phenol-d5	6.77	99	302862	17.48	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	238109	21.92	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	246710	19.95	ng/ul	0.00
6) 4-Methylphenol-d8	8.30	113	165514	11.45	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	138908	20.69	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	159191m	19.80	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	274234	17.99	ng/ul	0.00
12) 4-Chloroaniline-d4	10.50	131	308406m	16.95	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1141473	21.61	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1359810	22.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	34239	4.47	ng/ul	0.03
21) Fluorene-d10	15.21	176	1010574	22.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	80227	13.30	ng/ul	0.00
26) Anthracene-d10	17.06	188	1598421m	22.65	ng/ul	0.00
30) Pyrene-d10	19.37	212	1943544	26.08	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.21	264	1306127	22.96	ng/ul	0.00

Target Compounds						Qvalue
25) Phenanthrene	17.01	178	145076	1.78	ng/ul	98
28) Fluoranthene	19.04	202	254180	2.56	ng/ul	97
31) Pyrene	19.40	202	207453m	2.14	ng/ul	
32) Benzo(a)anthracene	21.16	228	98354	1.06	ng/ul	95
33) Chrysene	21.21	228	121462m	1.49	ng/ul	
35) Benzo(b)fluoranthene	22.71	252	140543	1.80	ng/ul#	96
41) Benzo(g,h,i)perylene	26.21	276	61655	1.09	ng/ul	100

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

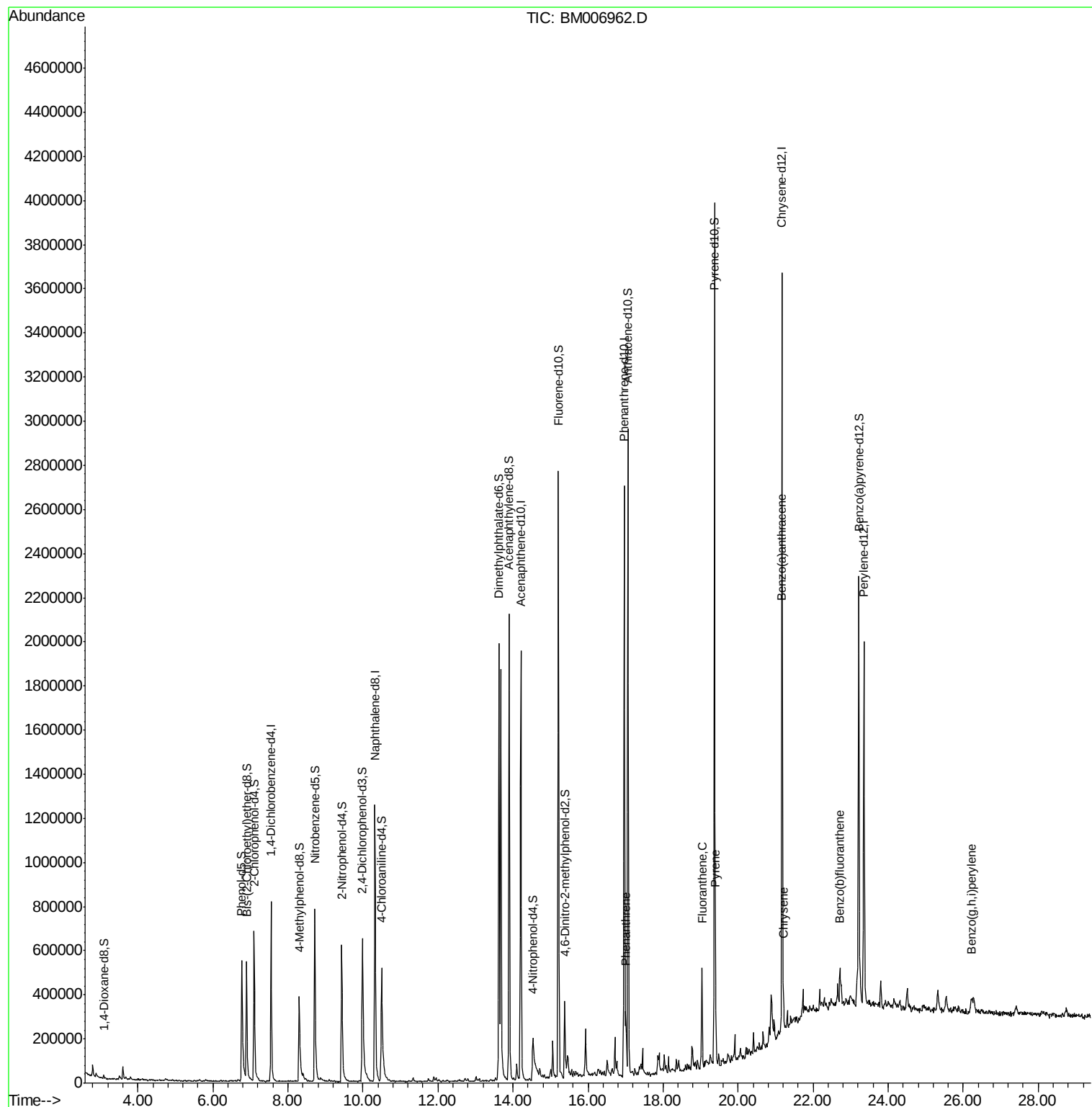
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006962.D
Acq On : 07 Aug 2016 06:19
Operator : UM/SJ
Sample : H4301-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

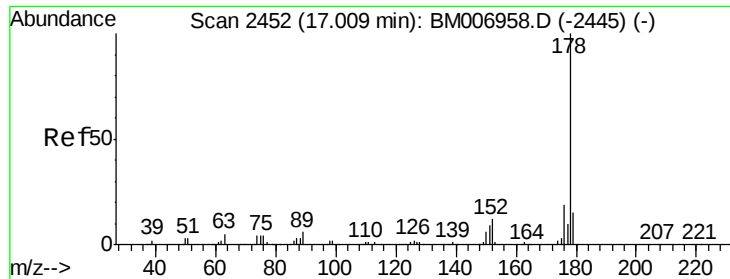
Instrument :
BNA_M
ClientSampled :
DA0G0

Manual Integrations
APPROVED

sohil
8/8/2016 7:06:43 PM

Quant Time: Aug 08 04:35:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration





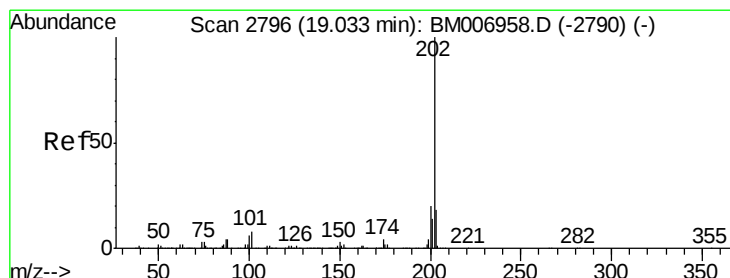
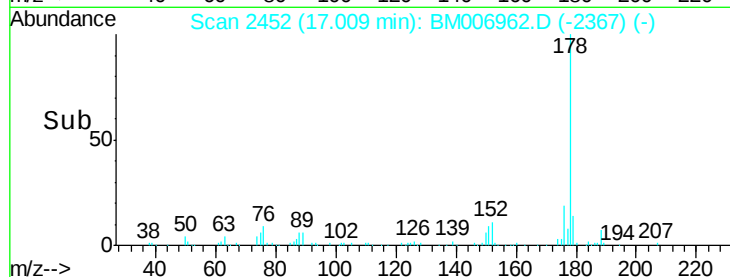
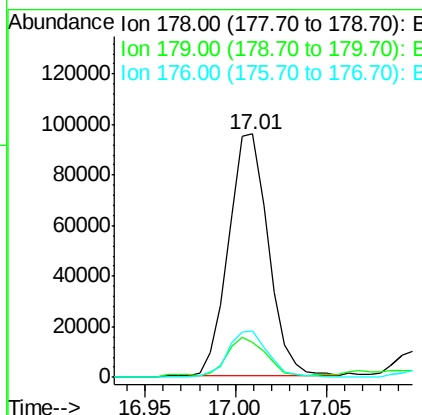
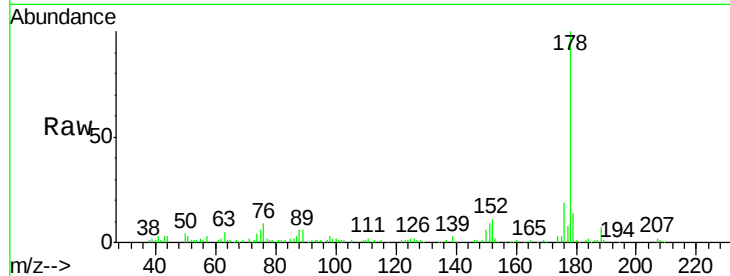
#25
Phenanthrene
Concen: 1.78 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BM006962.D
Acq: 07 Aug 2016 06:19

Instrument :
BNA_M
ClientSampleId :
DA0G0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.0	18.0
176	19.3	15.0	22.4

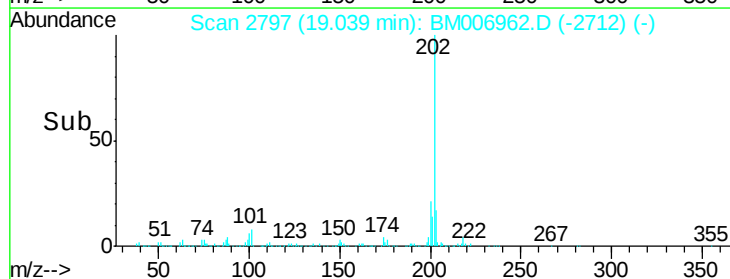
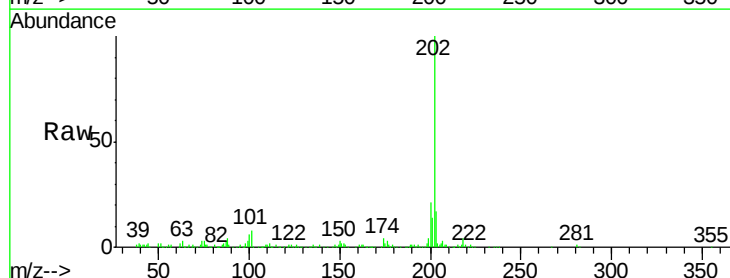
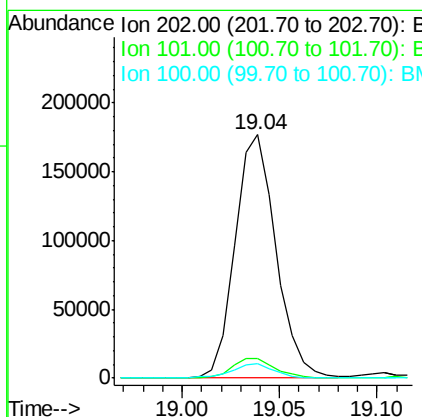
Manual Integrations
APPROVED

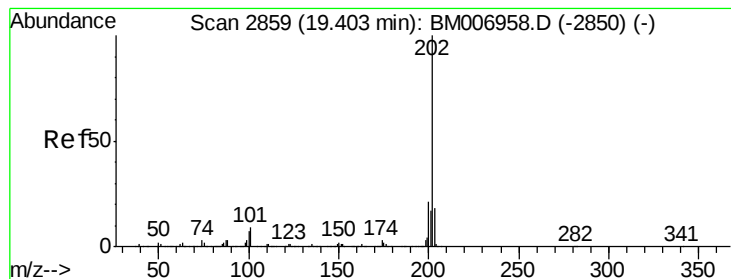
sohil
8/8/2016 7:06:43 PM



#28
Fluoranthene
Concen: 2.56 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BM006962.D
Acq: 07 Aug 2016 06:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.6	8.4
100	5.9	4.2	6.4





#31

Pyrene

Concen: 2.14 ng/ul m

RT: 19.40 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM006962.D

Acq: 07 Aug 2016 06:19

Instrument :

BNA_M

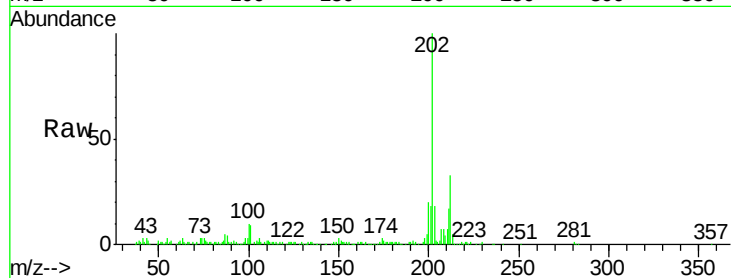
ClientSampleId :

DA0G0

Tgt Ion:	202	Resp:	207453
Ion Ratio		Lower	Upper
202	100		
101	9.3	6.4	9.6
100	10.1	5.4	8.2#

Manual Integrations
APPROVED

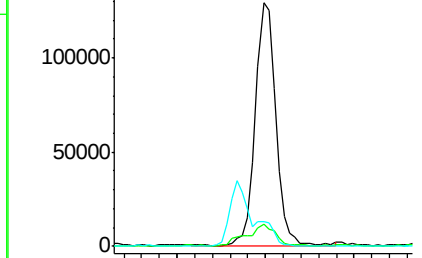
sohil
8/8/2016 7:06:43 PM



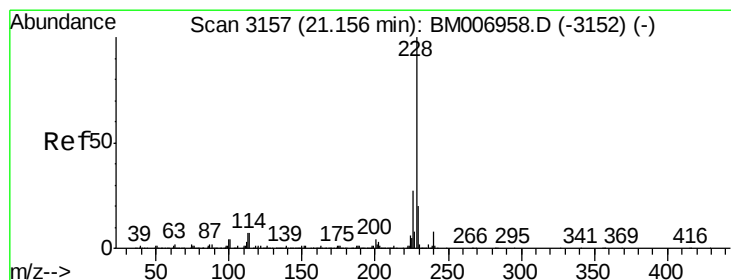
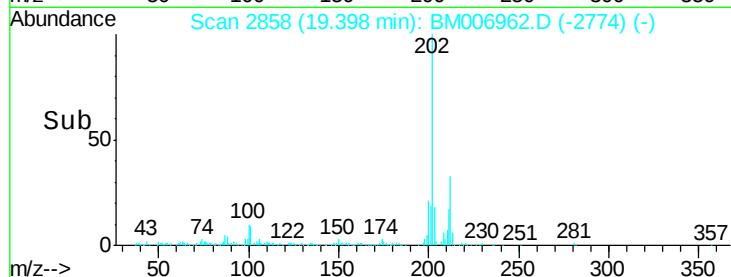
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#32

Benzo(a)anthracene

Concen: 1.06 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BM006962.D

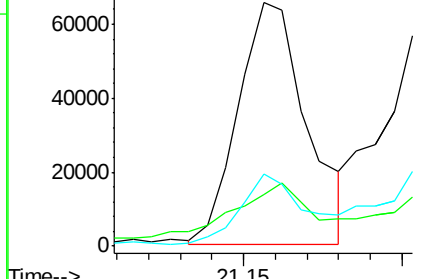
Acq: 07 Aug 2016 06:19

Tgt Ion:	228	Resp:	98354
Ion Ratio		Lower	Upper
228	100		
229	21.2	15.2	22.8
226	29.4	21.3	31.9

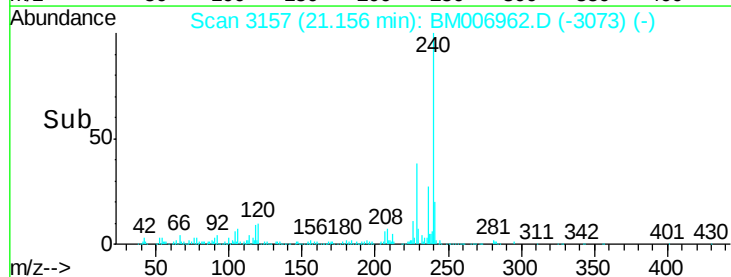
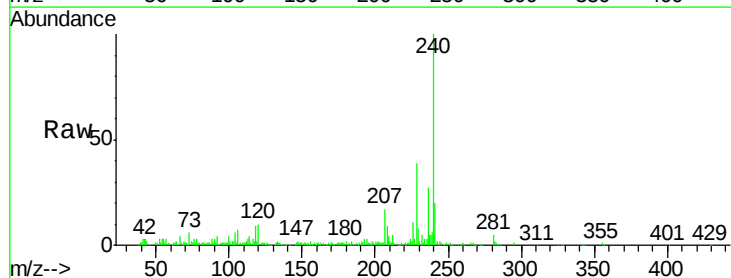
Abundance Ion 228.00 (227.70 to 228.70): E

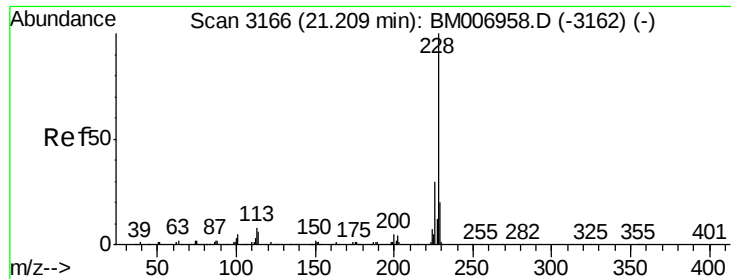
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





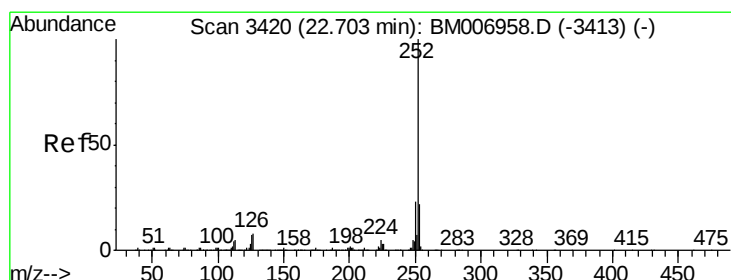
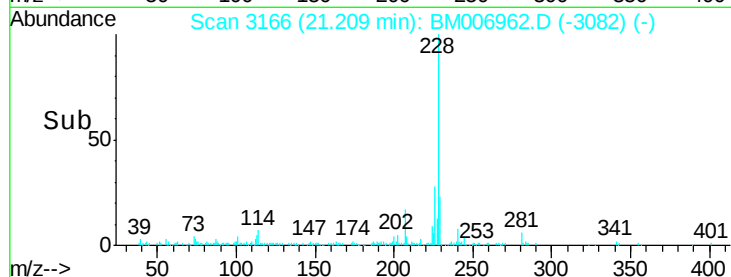
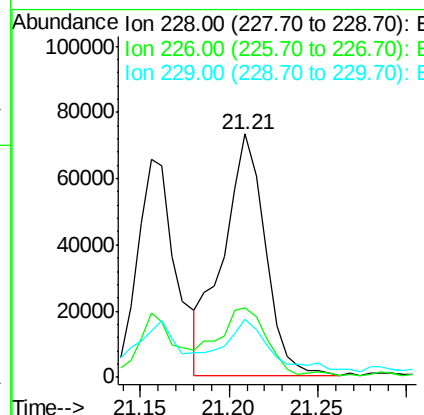
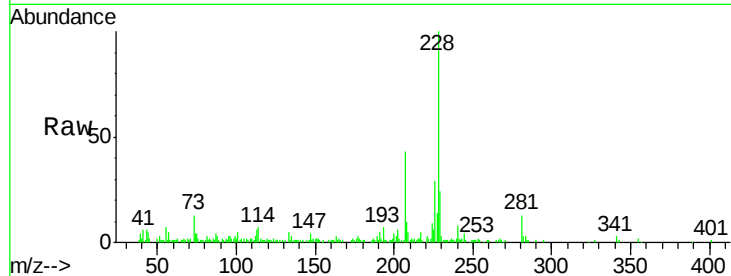
#33
Chrysene
 Concen: 1.49 ng/ul m
 RT: 21.21 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BM006962.D
 Acq: 07 Aug 2016 06:19

Instrument :
 BNA_M
 ClientSampled :
 DA0G0

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	23.8	35.6
229	23.8	15.1	22.7#

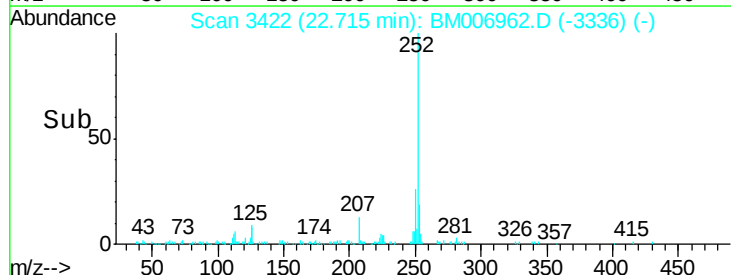
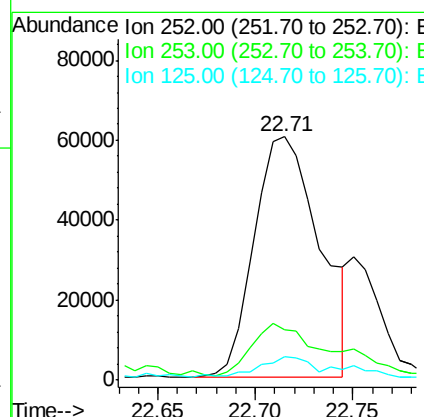
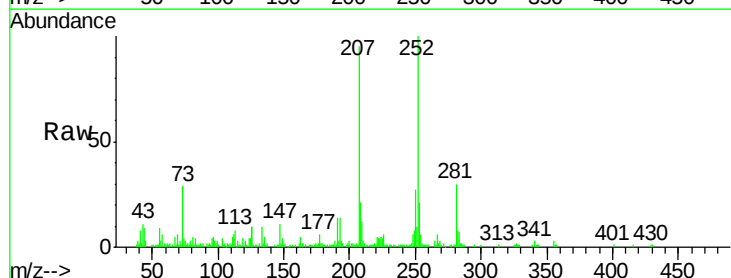
Manual Integrations
 APPROVED

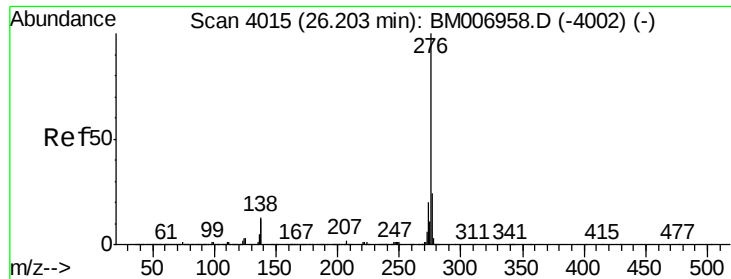
sohil
 8/8/2016 7:06:43 PM



#35
Benzo(b)fluoranthene
 Concen: 1.80 ng/ul
 RT: 22.71 min Scan# 3422
 Delta R.T. 0.01 min
 Lab File: BM006962.D
 Acq: 07 Aug 2016 06:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.6	17.6	26.4
125	9.5	5.1	7.7#





#41
 Benzo(g,h,i)perylene
 Concen: 1.09 ng/ul
 RT: 26.21 min Scan# 4016
 Delta R.T. 0.00 min
 Lab File: BM006962.D
 Acq: 07 Aug 2016 06:19

Instrument :
 BNA_M
 ClientSampleId :
 DA0G0

Tgt Ion:	276	Resp:	61655
Ion Ratio	Lower	Upper	
276	100		
138	14.0	10.9	16.3
277	23.2	18.6	27.8

Manual Integrations
 APPROVED

sohil
 8/8/2016 7:06:43 PM

