

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
 Data File : BM012551.D
 Acq On : 29 Oct 2017 07:11
 Operator : SJ/JU
 Sample : I5919-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DN2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:33:08 PM

Quant Time: Oct 30 09:39:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 09:15:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	552712	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2011400	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1069260	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2258677	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2516231	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2868392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	46937	4.34	ng/uL	0.00
5) Phenol-d5	7.03	99	895973	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	574834	20.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	734189	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	576189	14.60	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	350069	27.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	388184	29.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	707929	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	734229	20.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2094523	22.42	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2625929	23.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	224538	16.17	ng/ul	0.00
57) Fluorene-d10	15.49	176	1774353	22.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	181327	16.59	ng/ul	0.00
70) Anthracene-d10	17.33	188	2542655	23.62	ng/ul	0.00
76) Pyrene-d10	19.62	212	2857246	24.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3307003	24.27	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.06	94	105803	2.201	ng/ul#	82
44) Dimethylphthalate	13.95	163	177696	1.923	ng/ul	98
69) Phenanthrene	17.28	178	425825	3.486	ng/ul	100
74) Fluoranthene	19.29	202	821270	5.934	ng/ul#	92
77) Pyrene	19.65	202	740743	5.177	ng/ul#	89
80) Benzo(a)anthracene	21.39	228	502010	3.332	ng/ul	97
82) Chrysene	21.44	228	447692m	3.342	ng/ul	
85) Benzo(b)fluoranthene	23.01	252	583076	3.288	ng/ul#	95
86) Benzo(k)fluoranthene	23.06	252	226333m	1.356	ng/ul	
88) Benzo(a)pyrene	23.61	252	434743	2.572	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.04	276	281769	1.416	ng/ul#	92
91) Benzo(g,h,i)perylene	26.76	276	243562	1.510	ng/ul#	92

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

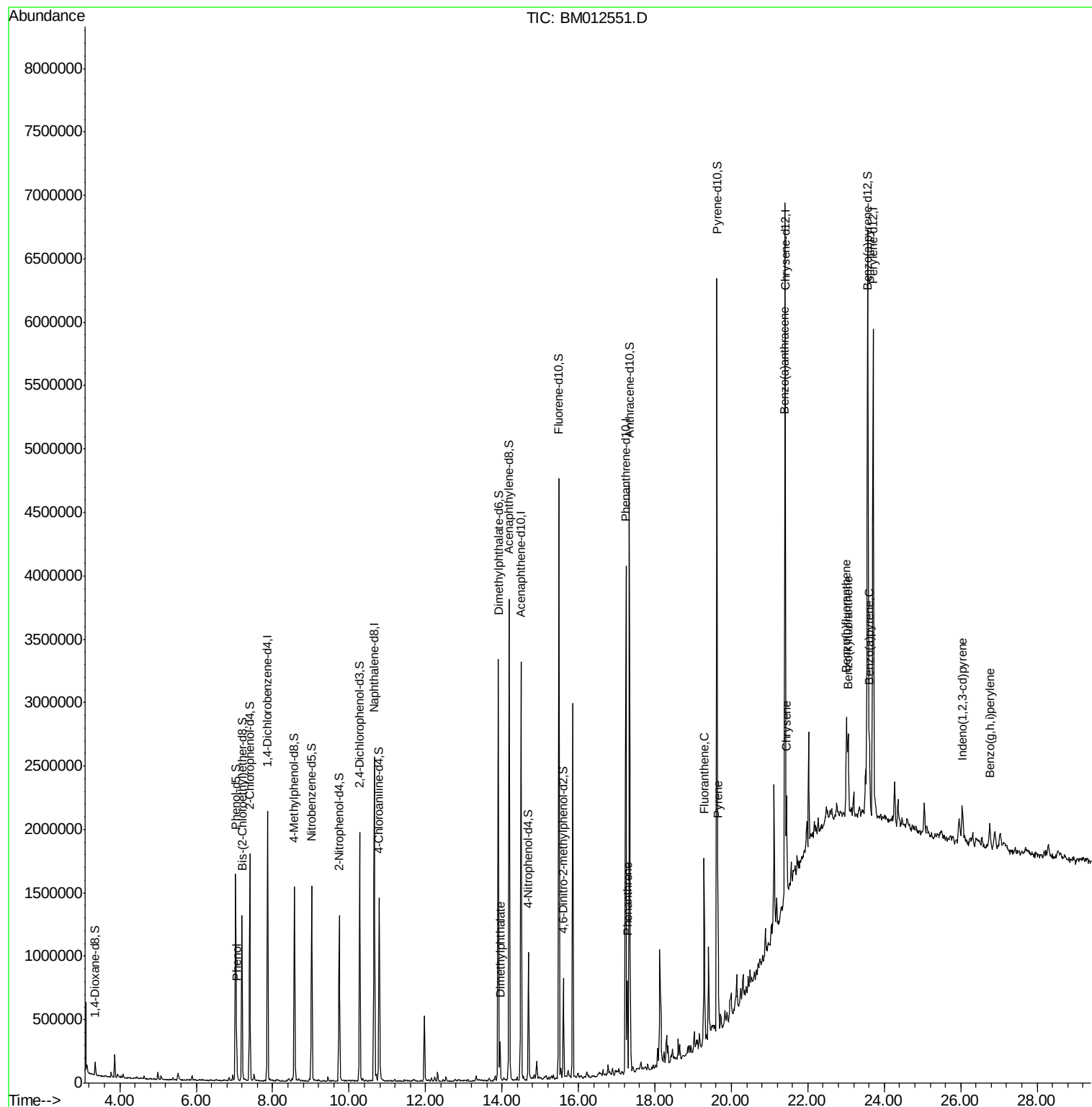
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012551.D
Acq On : 29 Oct 2017 07:11
Operator : SJ/JU
Sample : I5919-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

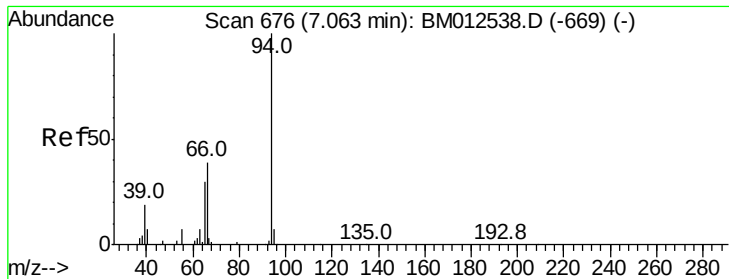
Instrument :
BNA_M
ClientSampled :
B0DN2

Quant Time: Oct 30 09:39:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 09:15:01 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/30/2017 6:33:08 PM





#6

Phenol

Concen: 2.201 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

ClientSampleId :

B0DN2

Tot Ion: 94 Resp: 105803

Ion Ratio Lower Upper

94 100

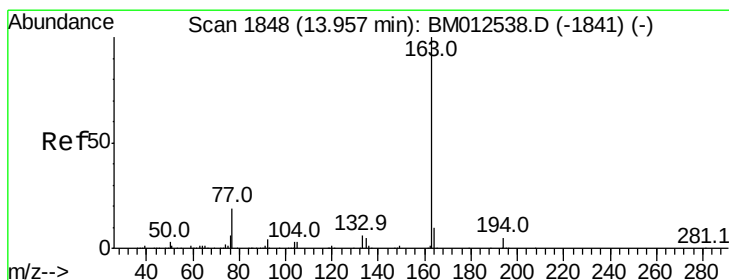
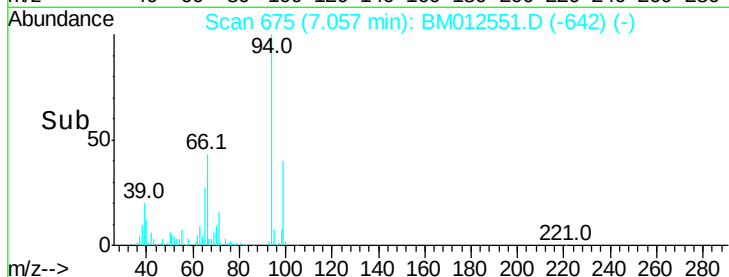
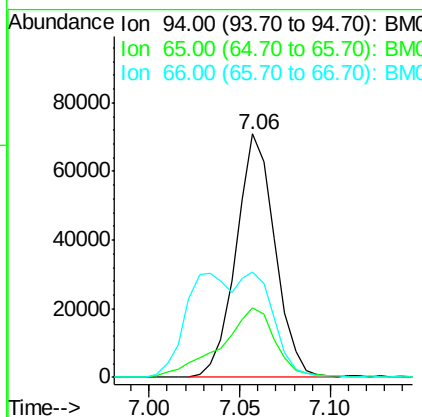
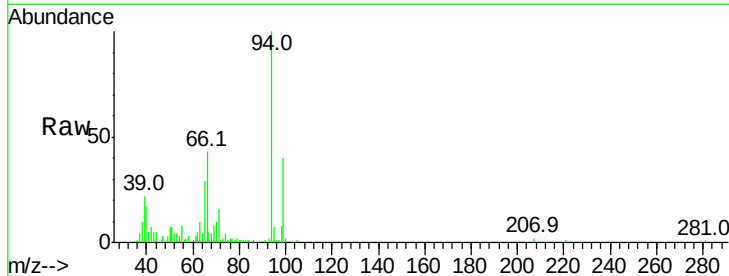
65 28.6 28.2 42.4

66 43.2 47.2 70.8#

Manual Integrations
APPROVED

Sohil

10/30/2017 6:33:08 PM



#44

Dimethylphthalate

Concen: 1.923 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

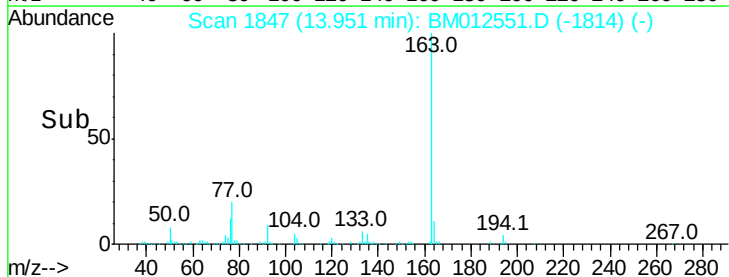
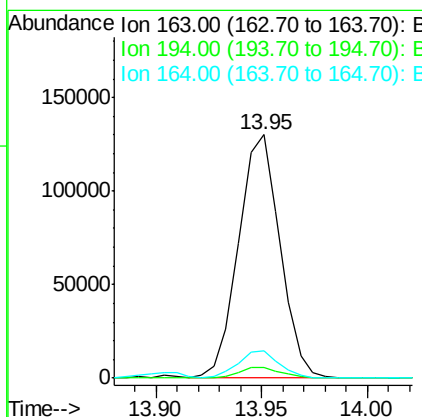
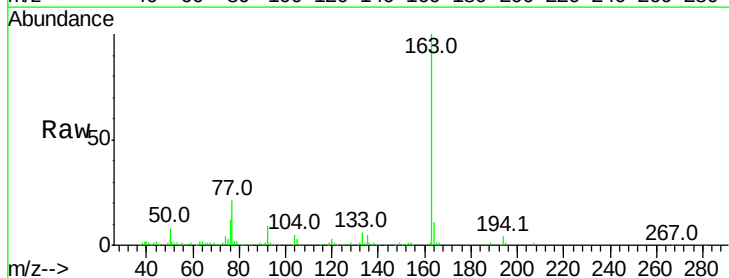
Tgt Ion:163 Resp: 177696

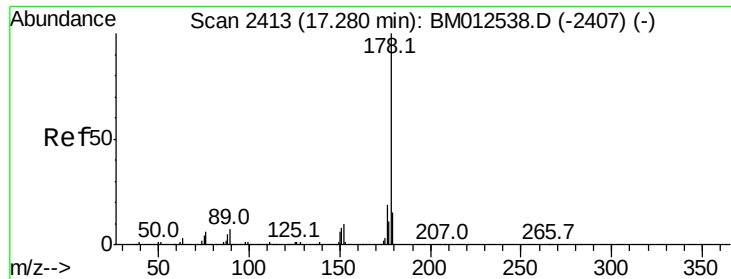
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 11.5 8.2 12.4





#69

Phenanthrene

Concen: 3.486 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

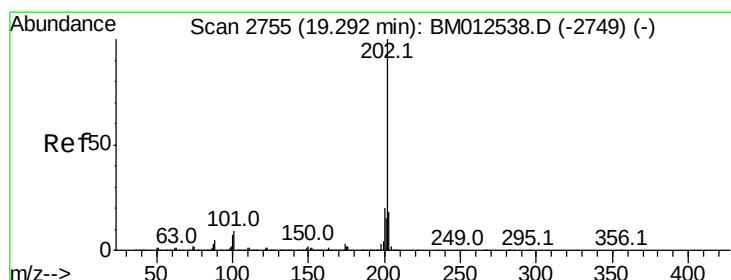
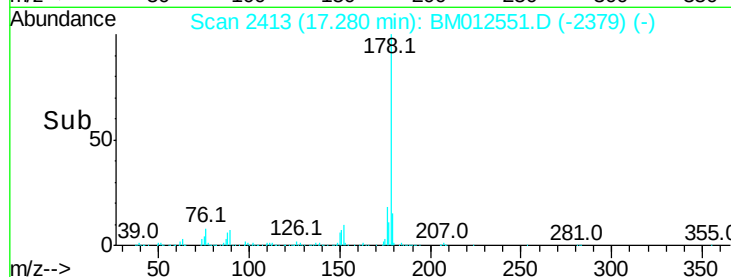
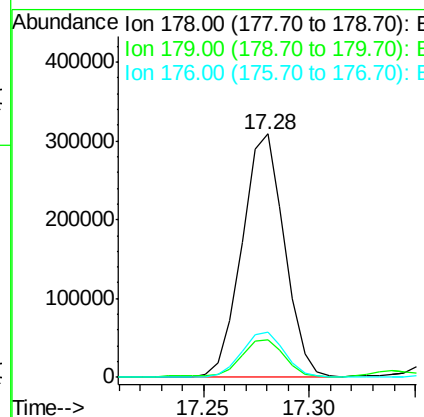
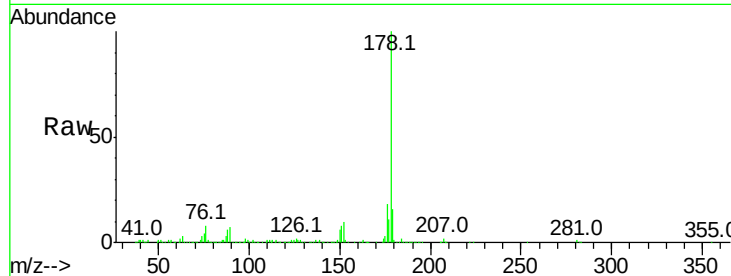
ClientSampleId :

B0DN2

Tot Ion:178	Resp:	425825
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 19.0
176	18.5	14.9 22.3

Manual Integrations
APPROVED

Sohil
10/30/2017 6:33:08 PM



#74

Fluoranthene

Concen: 5.934 ng/ul

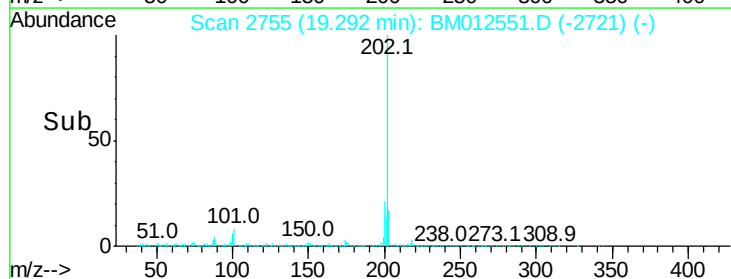
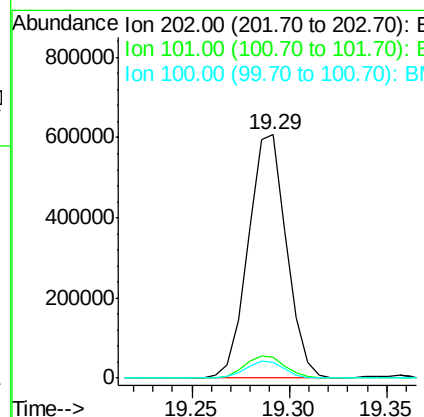
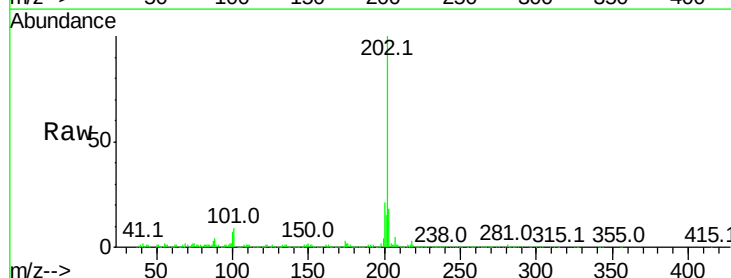
RT: 19.29 min Scan# 2755

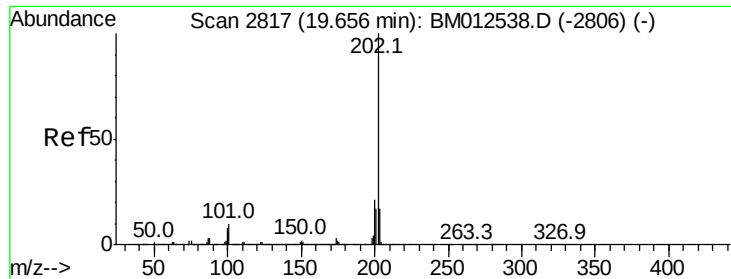
Delta R.T. -0.00 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Tgt Ion:202	Resp:	821270
Ion Ratio	Lower	Upper
202	100	
101	8.7	4.6 7.0#
100	6.6	3.4 5.2#





#77

Pvrene

Concen: 5.177 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

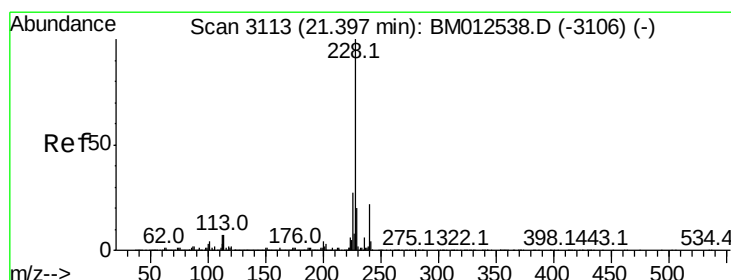
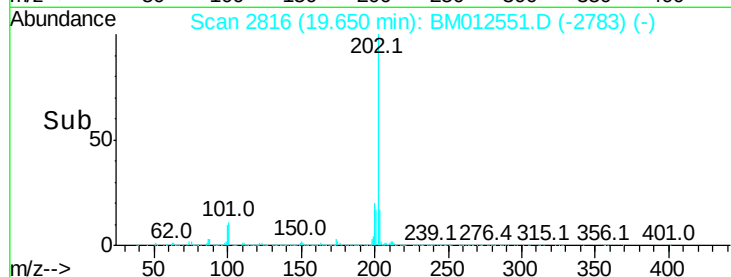
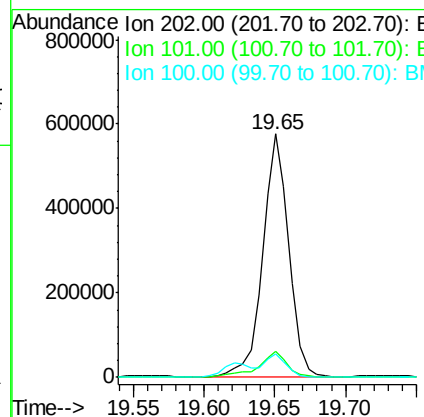
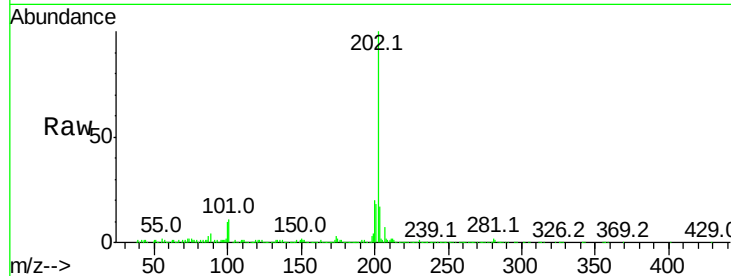
ClientSampleId :

B0DN2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	740743		
101	10.7	5.1	7.7#	
100	9.6	4.9	7.3#	

Manual Integrations
APPROVED

Sohil
10/30/2017 6:33:08 PM



#80

Benzo(a)anthracene

Concen: 3.332 ng/ul

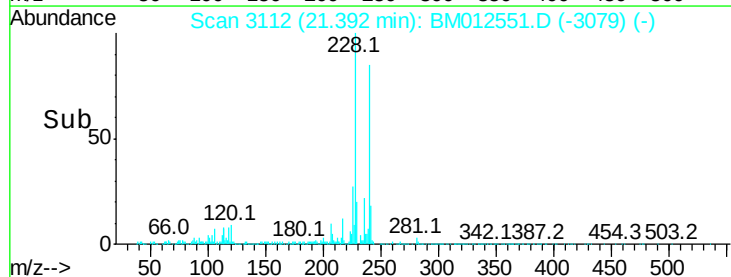
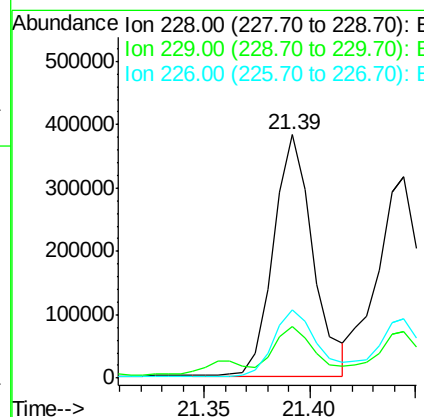
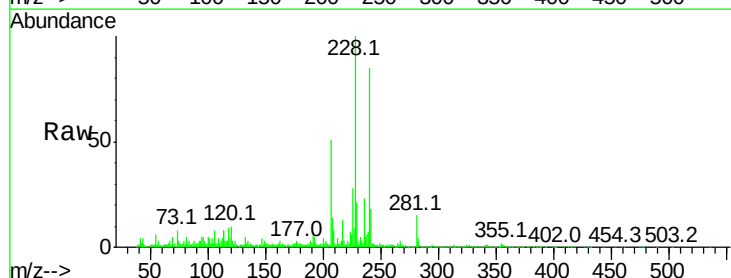
RT: 21.39 min Scan# 3112

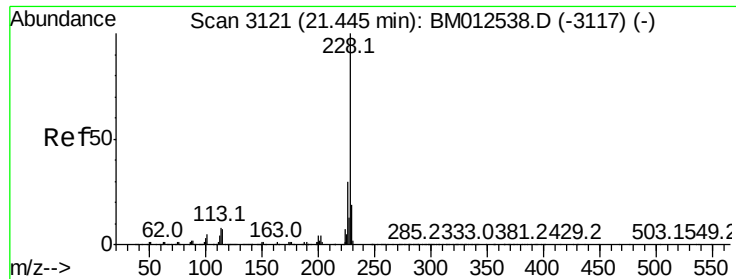
Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	502010		
229	21.4	15.4	23.0	
226	27.8	21.4	32.0	





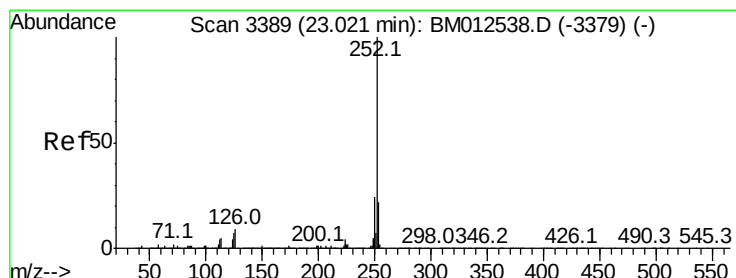
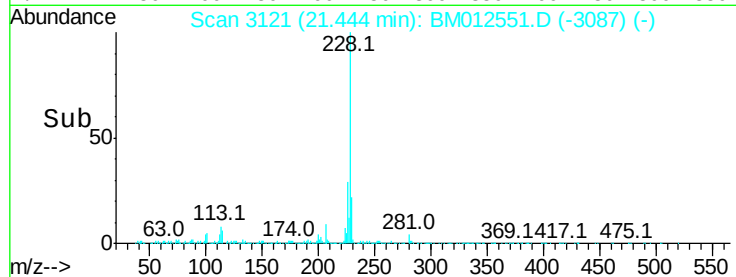
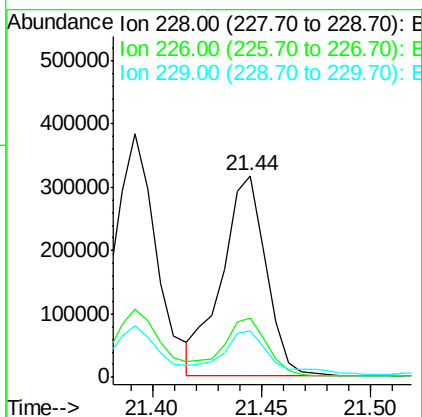
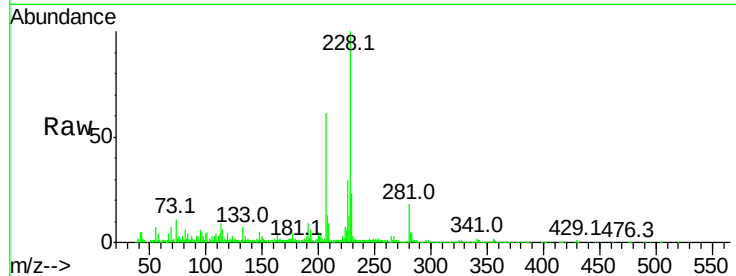
#82
Chrysene
Concen: 3.342 ng/ul m
RT: 21.44 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BM012551.D
Acq: 29 Oct 2017 07:11

Instrument :
BNA_M
ClientSampled :
B0DN2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	23.3	15.5	23.3#

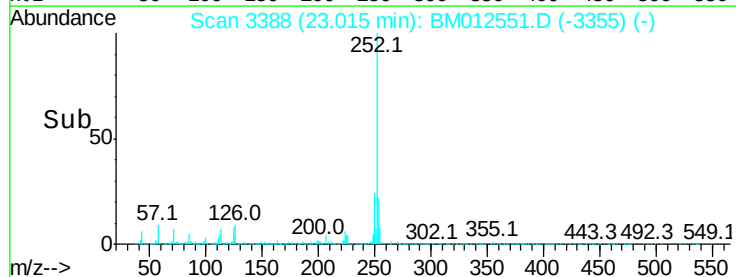
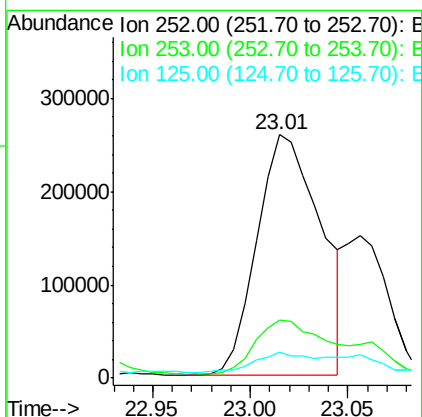
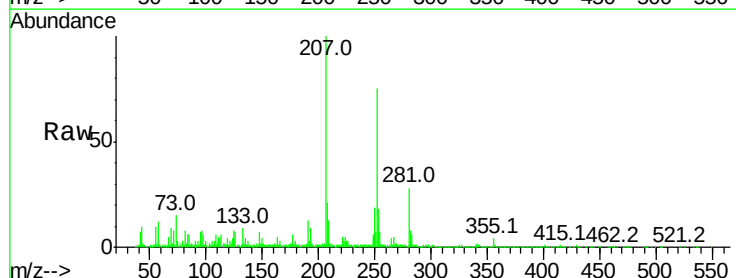
Manual Integrations
APPROVED

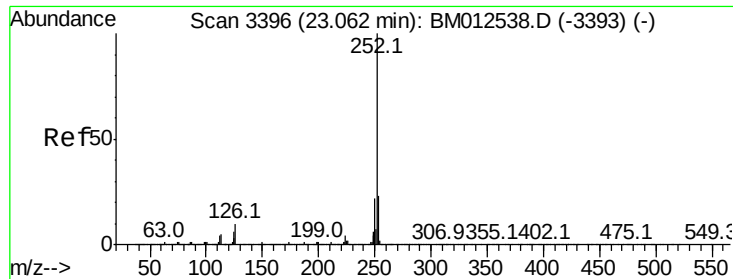
Sohil
10/30/2017 6:33:08 PM



#85
Benzo(b)fluoranthene
Concen: 3.288 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BM012551.D
Acq: 29 Oct 2017 07:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	10.5	3.6	5.4#





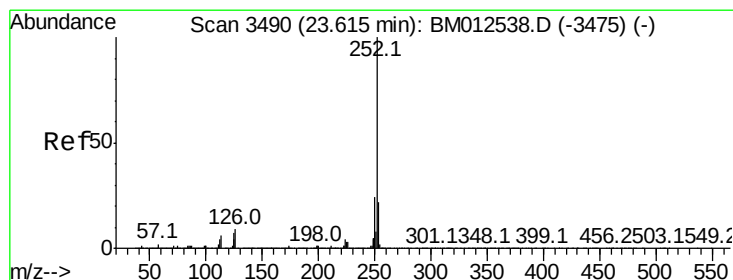
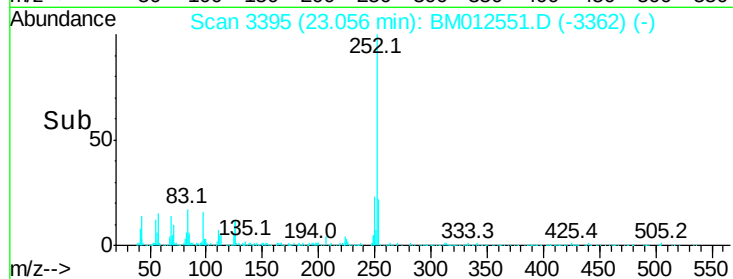
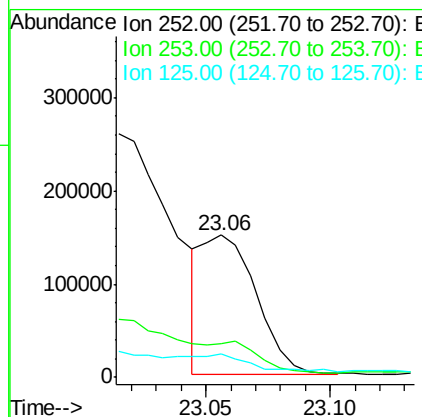
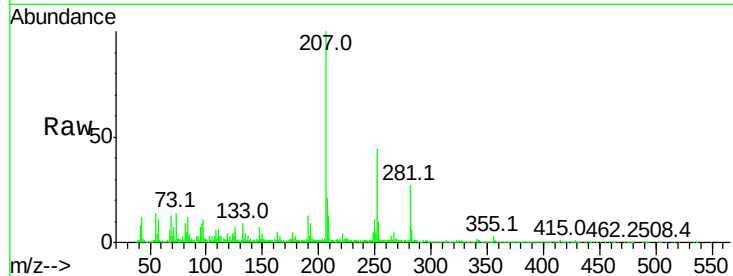
#86
Benzo(k)fluoranthene
Concen: 1.356 ng/ul m
RT: 23.06 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM012551.D
Acq: 29 Oct 2017 07:11

Instrument :
BNA_M
ClientSampleId :
B0DN2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.1	25.7
125	16.4	3.4	5.2#

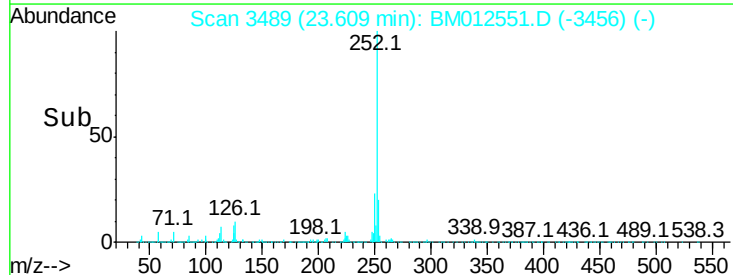
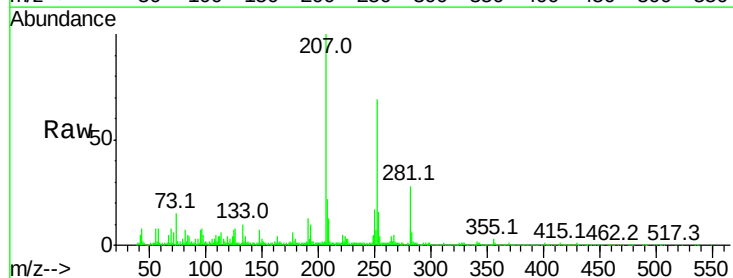
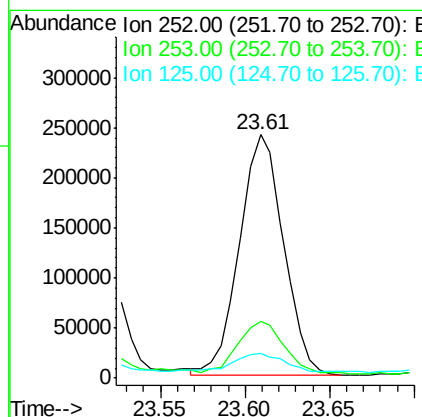
Manual Integrations
APPROVED

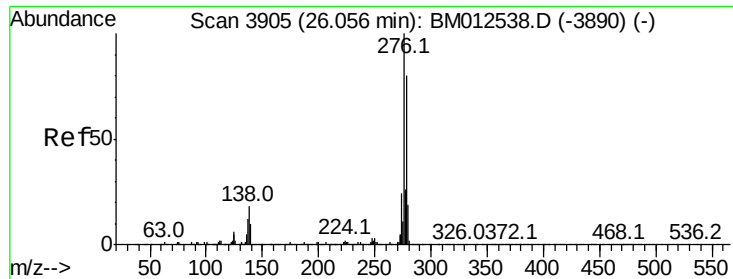
Sohil
10/30/2017 6:33:08 PM



#88
Benzo(a)pyrene
Concen: 2.572 ng/ul
RT: 23.61 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM012551.D
Acq: 29 Oct 2017 07:11

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.2	4.0	6.0#





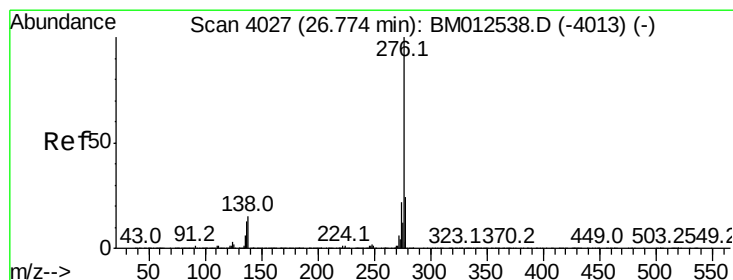
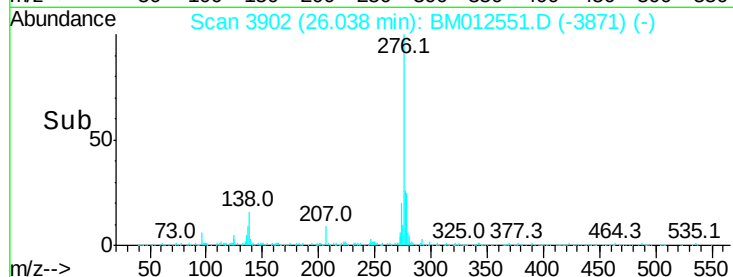
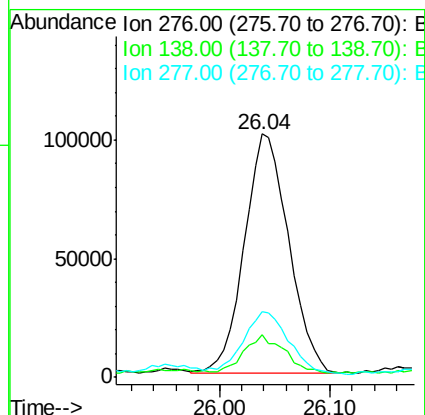
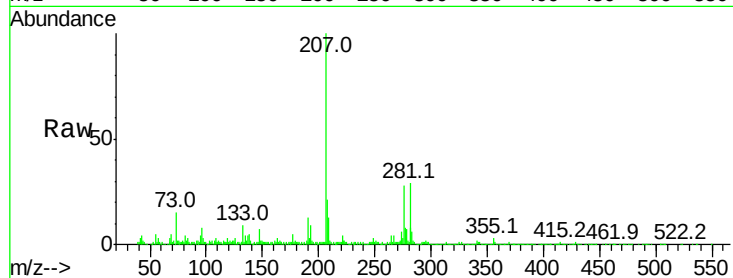
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.416 ng/ul
 RT: 26.04 min Scan# 3902
 Delta R.T. -0.02 min
 Lab File: BM012551.D
 Acq: 29 Oct 2017 07:11

Instrument :
 BNA_M
 ClientSampled :
 B0DN2

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	17.3	9.3	13.9#
277	27.1	19.9	29.9

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:33:08 PM



#91
 Benzo(g,h,i)perylene
 Concen: 1.510 ng/ul
 RT: 26.76 min Scan# 4024
 Delta R.T. -0.02 min
 Lab File: BM012551.D
 Acq: 29 Oct 2017 07:11

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.9	8.5	12.7#
277	25.5	18.6	28.0

