

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
 Data File : BM012544.D
 Acq On : 29 Oct 2017 02:58
 Operator : SJ/JU
 Sample : I5919-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DK4

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:33:06 PM

Quant Time: Oct 30 09:30:52 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	7.87	152	650241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2365675	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1271507	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2676722	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2928178	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	3290349	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	95562	7.51	ng/uL	0.00
5) Phenol-d5	7.03	99	1792752	33.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	1113071	34.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	1438791	35.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	1402480	30.21	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	683611	46.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	769315	50.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	1424383	35.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	1437381	33.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	3980555	35.84	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	5011617	38.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	530979	32.16	ng/ul	0.00
57) Fluorene-d10	15.49	176	3360025	35.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	480321	37.08	ng/ul	0.00
70) Anthracene-d10	17.34	188	4855877	38.07	ng/ul	0.00
76) Pyrene-d10	19.63	212	5308551	39.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	6065917	38.80	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.06	94	162278	2.869	ng/ul#	83
44) Dimethylphthalate	13.95	163	448114	4.078	ng/ul	99
69) Phenanthrene	17.28	178	1274676	8.806	ng/ul	100
74) Fluoranthene	19.29	202	2236242	13.634	ng/ul#	92
77) Pyrene	19.66	202	1826182	10.967	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	544849	3.107	ng/ul	96
82) Chrysene	21.44	228	1103888	7.081	ng/ul	98
85) Benzo(b)fluoranthene	23.02	252	1436548	7.063	ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	414525m	2.165	ng/ul	
88) Benzo(a)pyrene	23.61	252	711552	3.669	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	650460	2.850	ng/ul#	96
91) Benzo(g,h,i)perylene	26.76	276	516228	2.791	ng/ul#	94

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

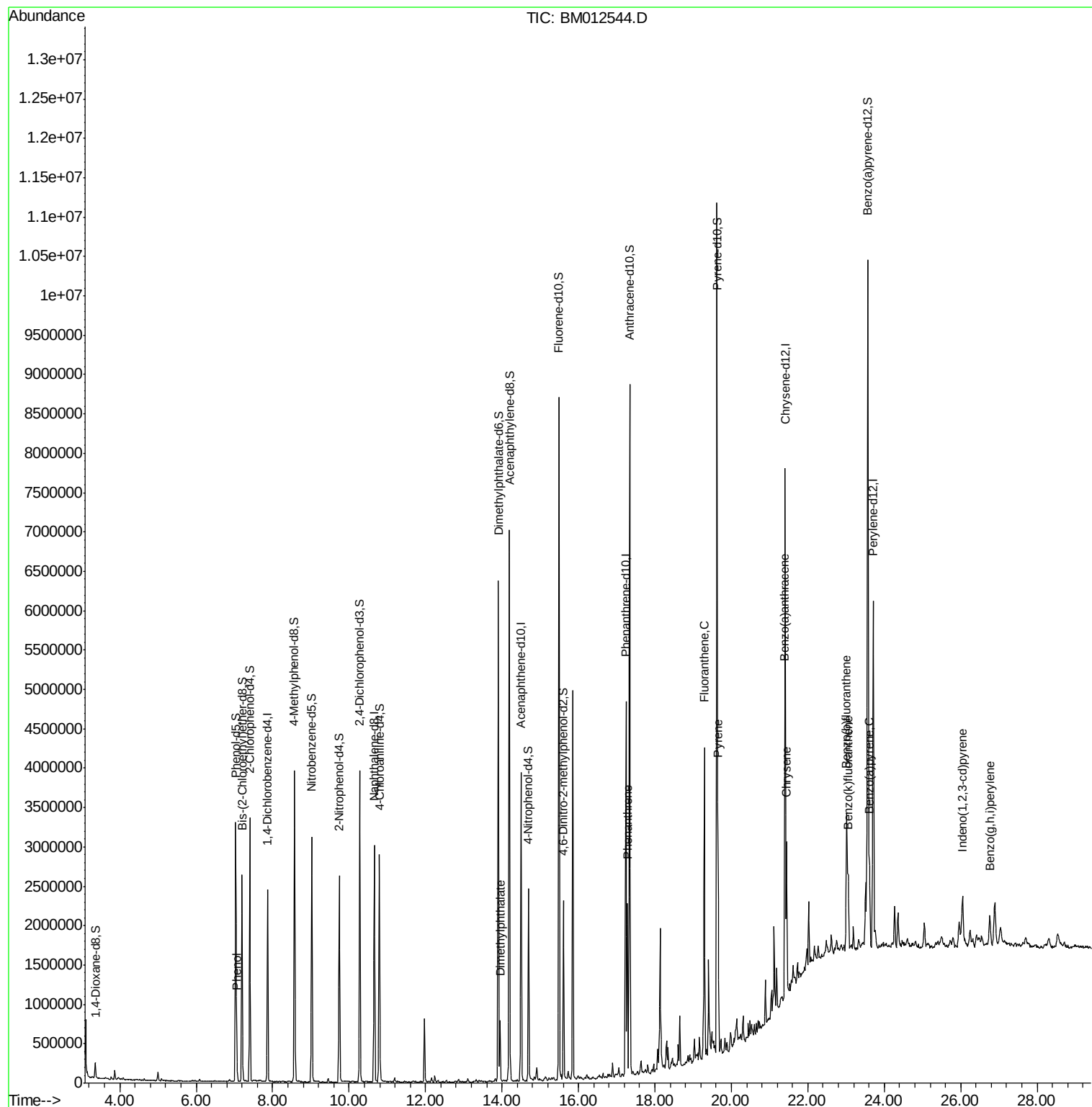
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012544.D
Acq On : 29 Oct 2017 02:58
Operator : SJ/JU
Sample : I5919-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

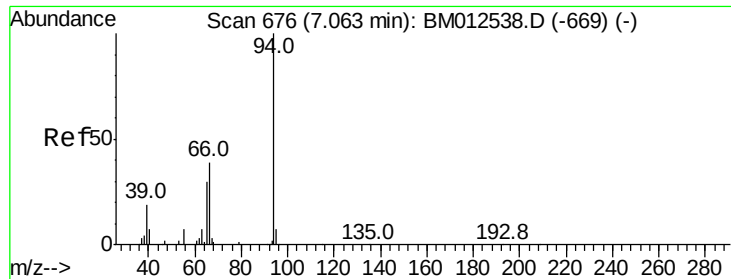
Instrument :
BNA_M
ClientSampled :
B0DK4

Manual Integrations
APPROVED

Sohil
10/30/2017 6:33:06 PM

Quant Time: Oct 30 09:30:52 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





#6

Phenol

Concen: 2.869 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM012544.D

Acq: 29 Oct 2017 02:58

Instrument :

BNA_M

ClientSampleId :

B0DK4

Tot Ion: 94 Resp: 162278

Ion Ratio Lower Upper

94 100

65 30.3 28.2 42.4

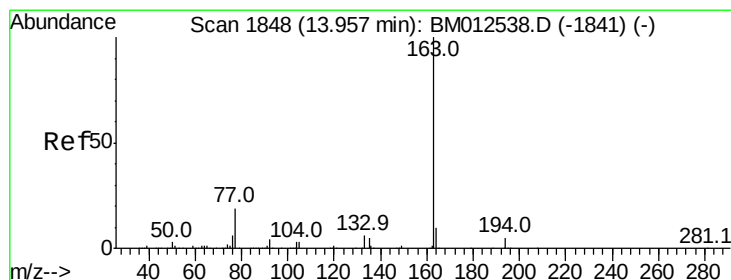
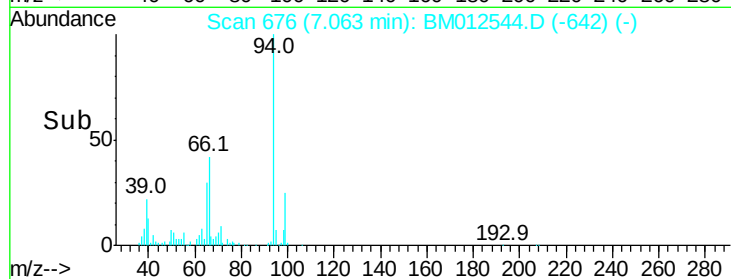
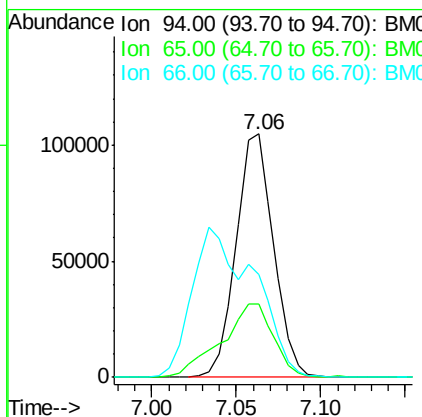
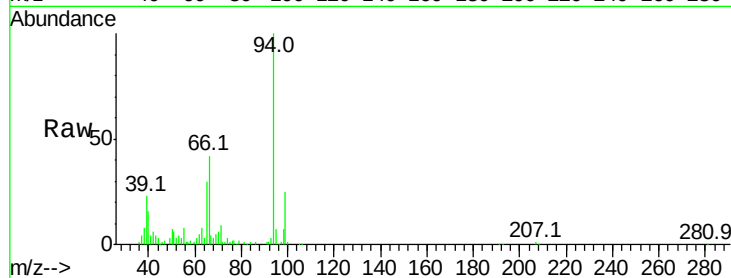
66 42.2 47.2 70.8#

Manual Integrations

APPROVED

Sohil

10/30/2017 6:33:06 PM



#44

Dimethylphthalate

Concen: 4.078 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM012544.D

Acq: 29 Oct 2017 02:58

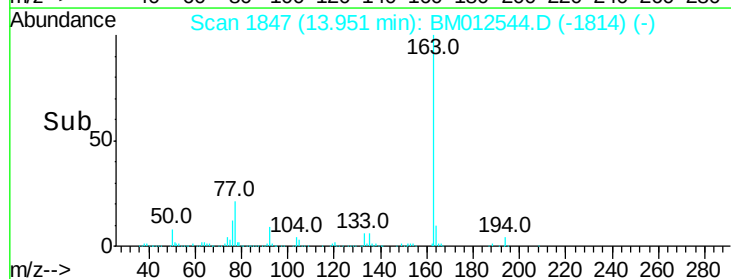
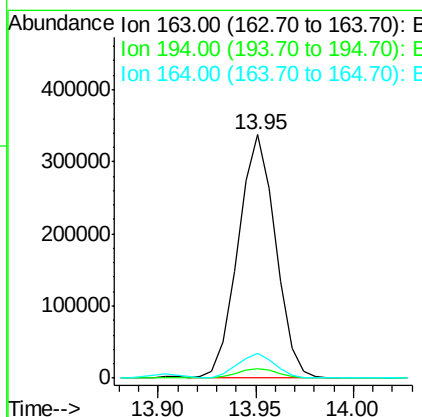
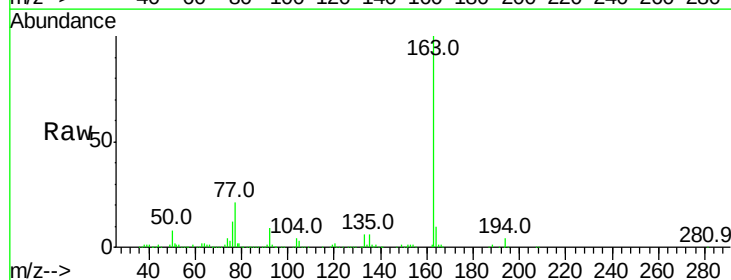
Tgt Ion: 163 Resp: 448114

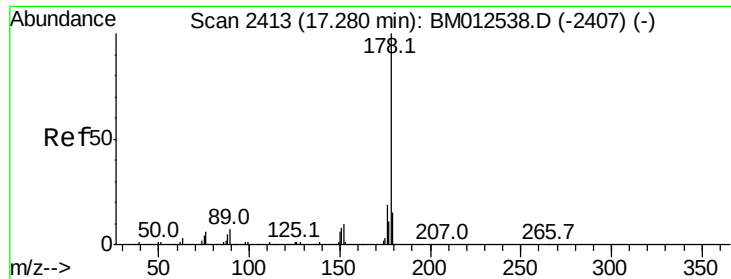
Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

164 10.1 8.2 12.4





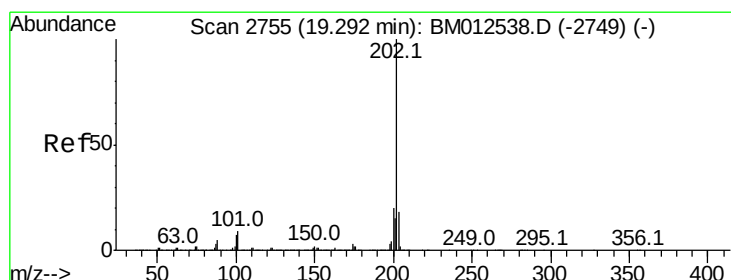
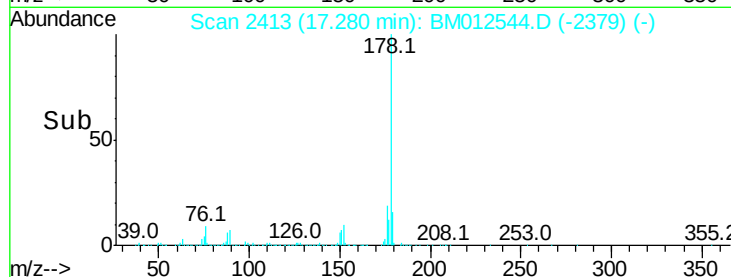
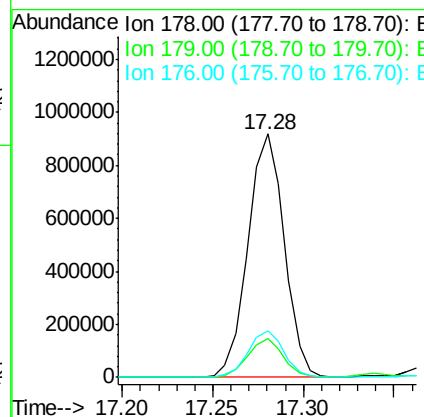
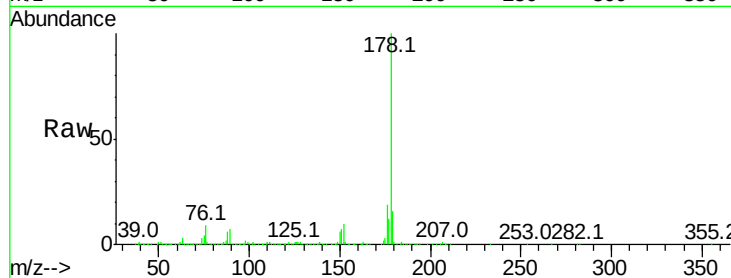
#69
 Phenanthrene
 Concen: 8.806 ng/ul
 RT: 17.28 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BM012544.D
 Acq: 29 Oct 2017 02:58

Instrument :
 BNA_M
 ClientSampleId :
 B0DK4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.0	14.9	22.3

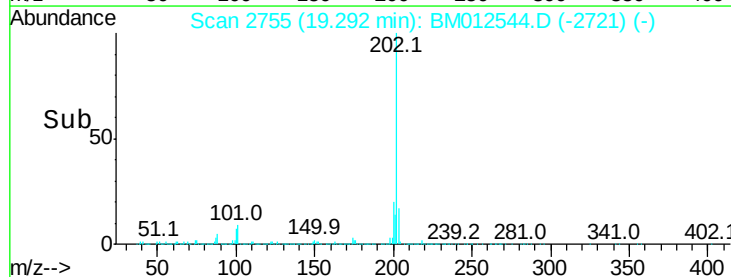
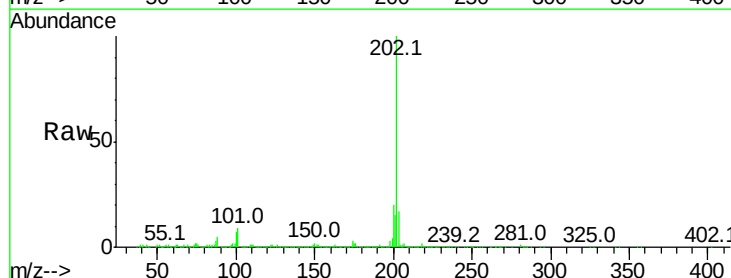
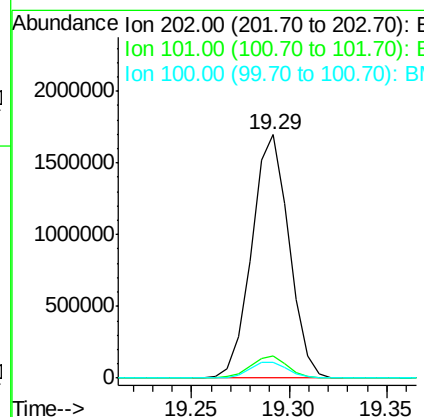
Manual Integrations
 APPROVED

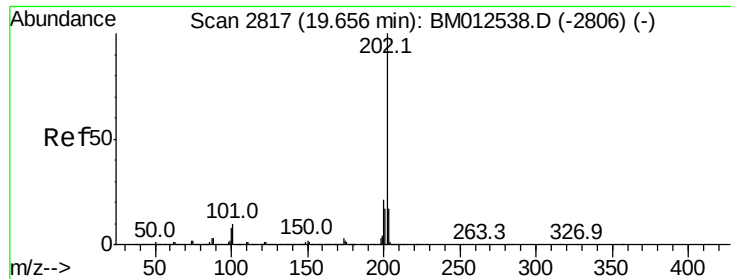
Sohil
 10/30/2017 6:33:06 PM



#74
 Fluoranthene
 Concen: 13.634 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM012544.D
 Acq: 29 Oct 2017 02:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	6.6	3.4	5.2#





#77

Pvrene

Concen: 10.967 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM012544.D

Acq: 29 Oct 2017 02:58

Instrument :

BNA_M

ClientSampleId :

B0DK4

Tot Ion:202 Resp: 1826182

Ion Ratio Lower Upper

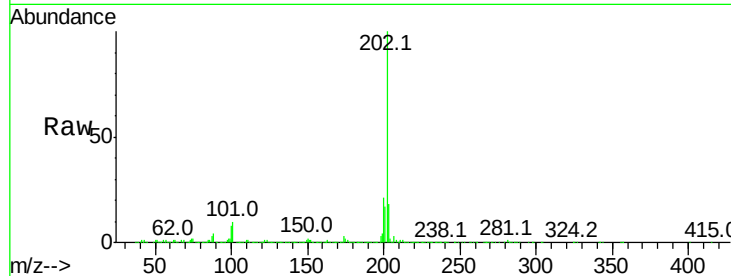
202 100

101 10.3 5.1 7.7#

100 8.2 4.9 7.3#

Manual Integrations
APPROVED

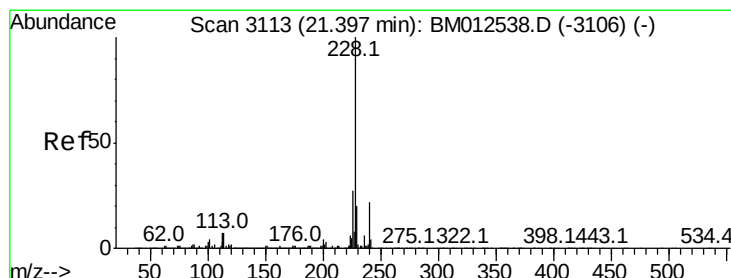
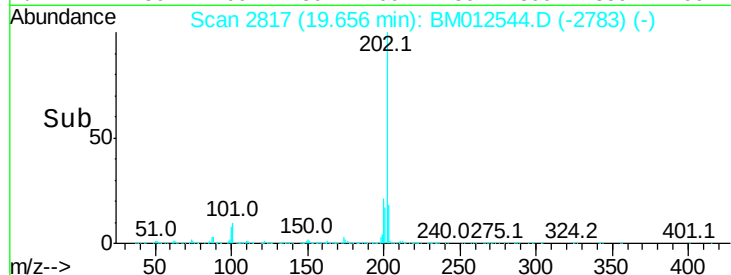
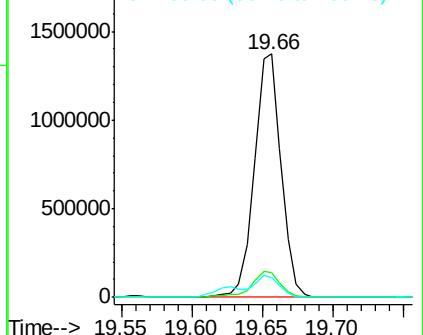
Sohil
10/30/2017 6:33:06 PM



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



#80

Benzo(a)anthracene

Concen: 3.107 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012544.D

Acq: 29 Oct 2017 02:58

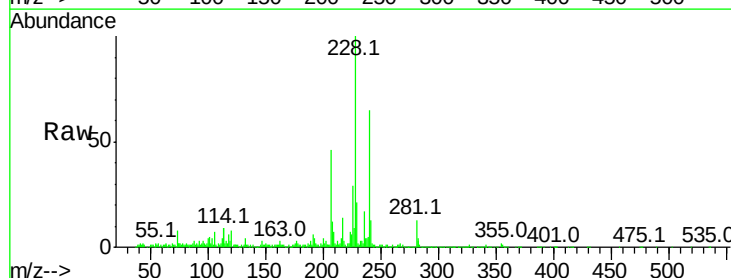
Tgt Ion:228 Resp: 544849

Ion Ratio Lower Upper

228 100

229 20.7 15.4 23.0

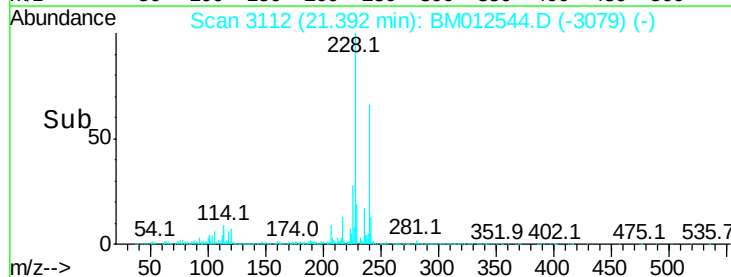
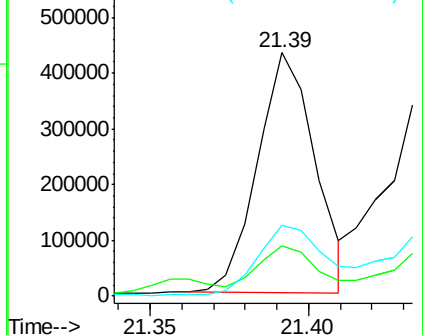
226 28.9 21.4 32.0

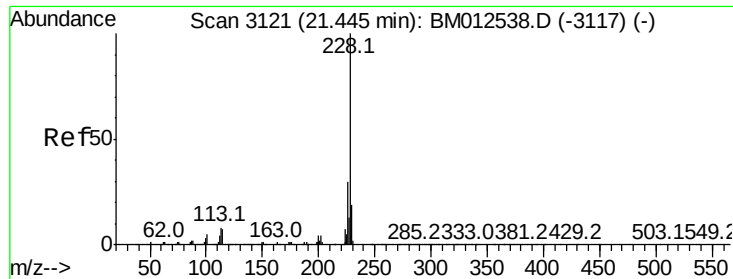


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





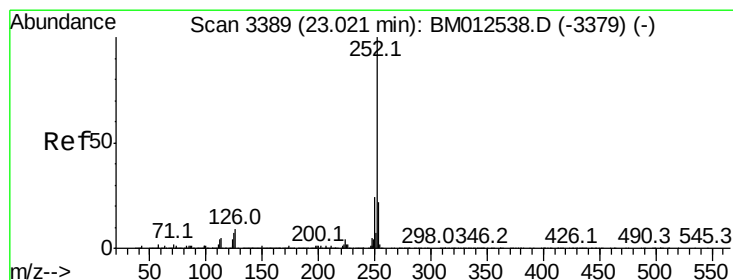
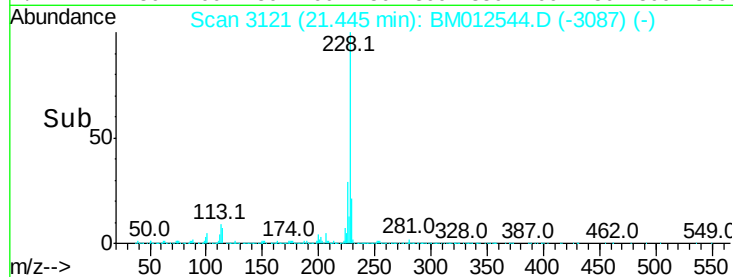
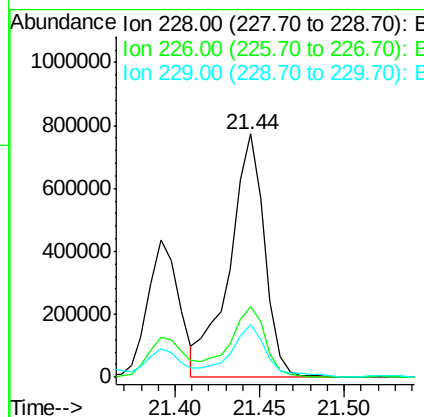
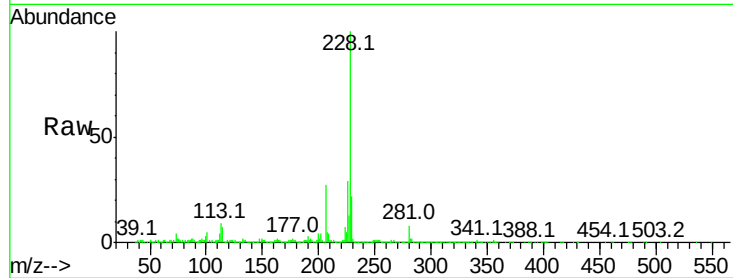
#82
Chrysene
Concen: 7.081 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BM012544.D
Acq: 29 Oct 2017 02:58

Instrument :
BNA_M
ClientSampled :
B0DK4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.8	15.5	23.3

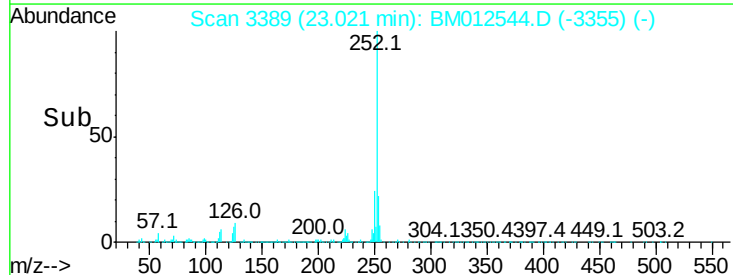
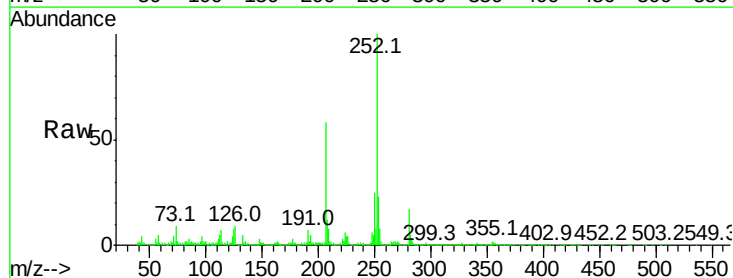
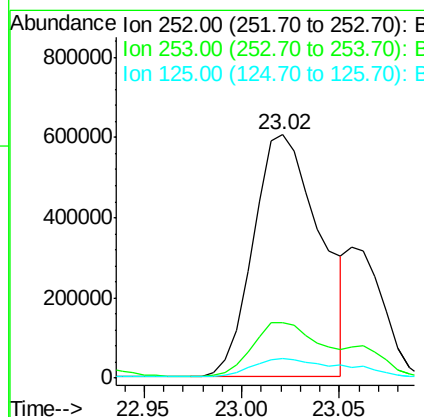
Manual Integrations
APPROVED

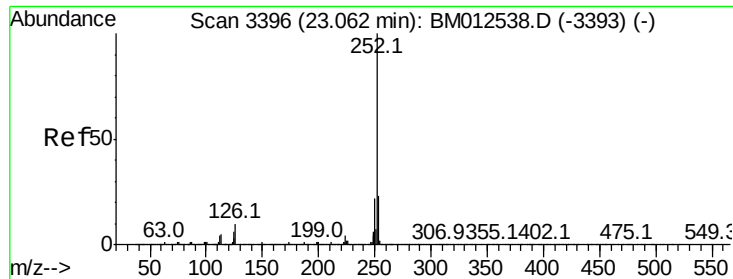
Sohil
10/30/2017 6:33:06 PM



#85
Benzo(b)fluoranthene
Concen: 7.063 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. 0.00 min
Lab File: BM012544.D
Acq: 29 Oct 2017 02:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	7.8	3.6	5.4





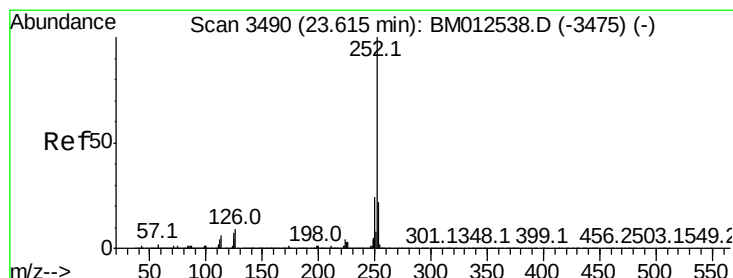
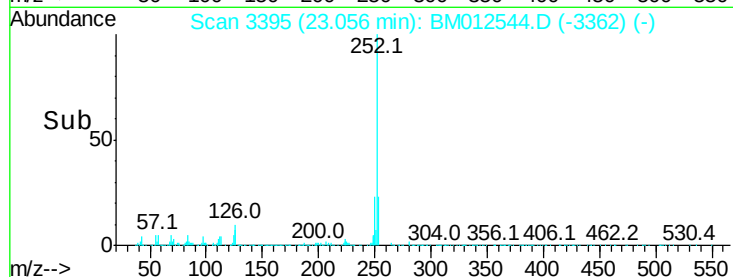
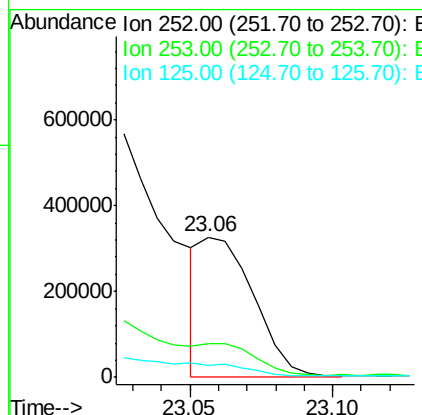
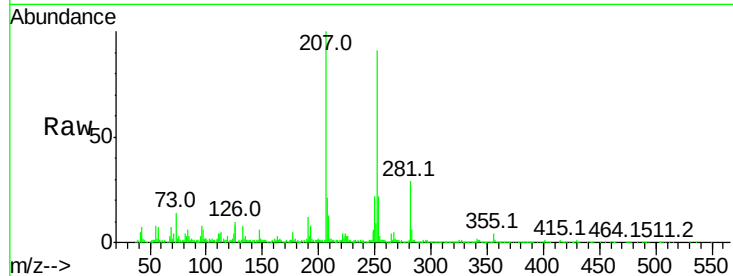
#86
Benzo(k)fluoranthene
Concen: 2.165 ng/ul m
RT: 23.06 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM012544.D
Acq: 29 Oct 2017 02:58

Instrument :
BNA_M
ClientSampled :
B0DK4

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	17.1	25.7
125	8.3	3.4	5.2#

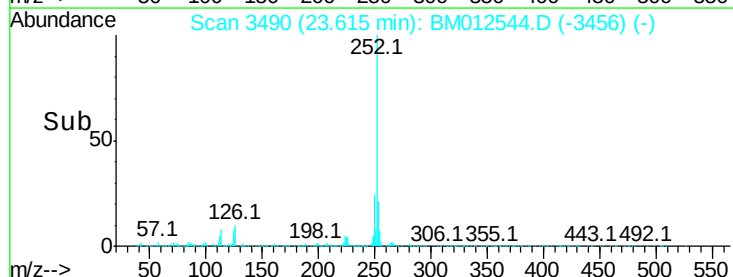
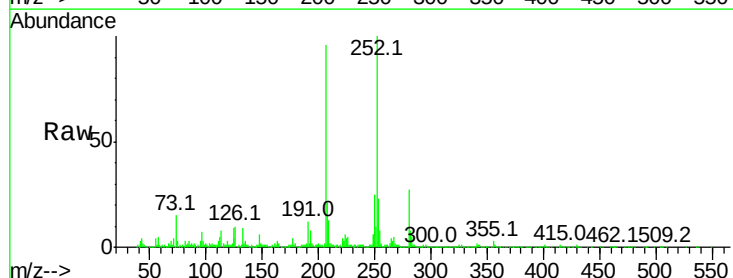
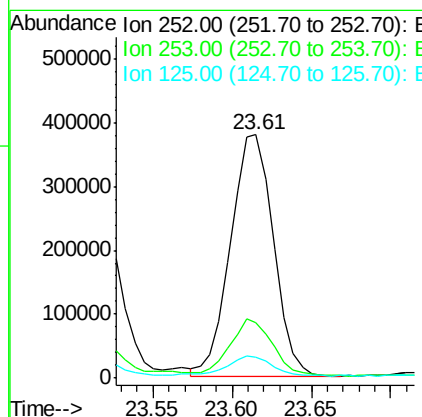
Manual Integrations
APPROVED

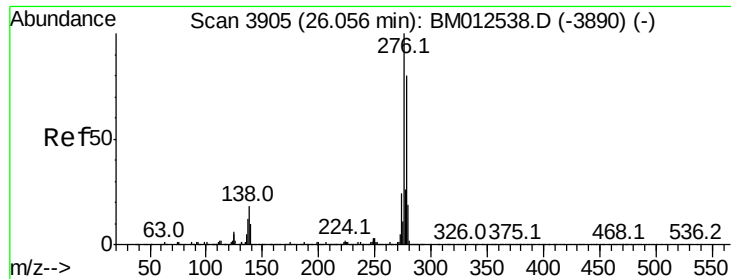
Sohil
10/30/2017 6:33:06 PM



#88
Benzo(a)pyrene
Concen: 3.669 ng/ul
RT: 23.61 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BM012544.D
Acq: 29 Oct 2017 02:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.7	4.0	6.0#





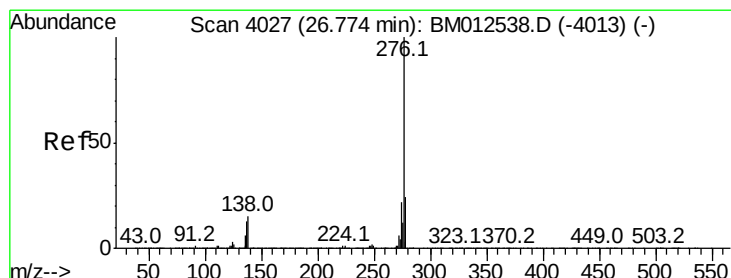
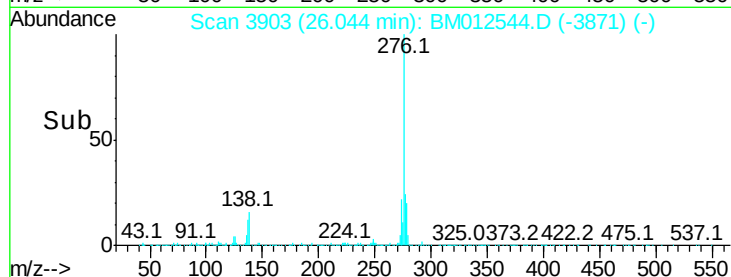
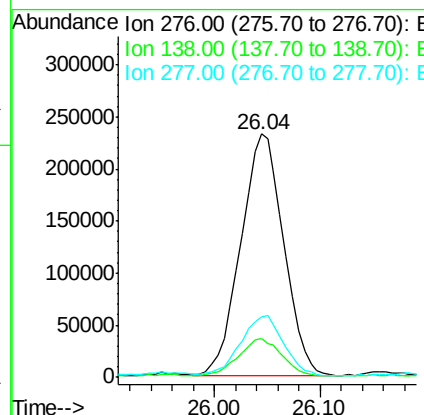
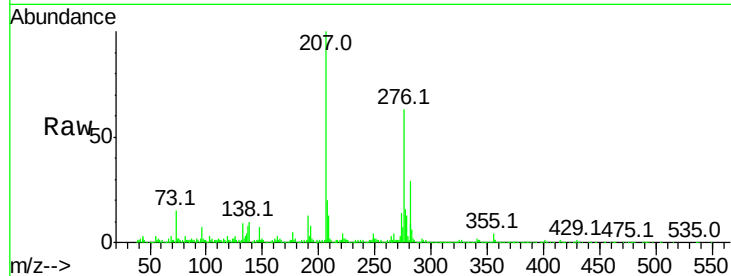
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.850 ng/ul
 RT: 26.04 min Scan# 3903
 Delta R.T. -0.01 min
 Lab File: BM012544.D
 Acq: 29 Oct 2017 02:58

Instrument :
 BNA_M
 ClientSampleId :
 B0DK4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	9.3	13.9#
277	24.8	19.9	29.9

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:33:06 PM



#91
 Benzo(g,h,i)perylene
 Concen: 2.791 ng/ul
 RT: 26.76 min Scan# 4025
 Delta R.T. -0.01 min
 Lab File: BM012544.D
 Acq: 29 Oct 2017 02:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	8.5	12.7#
277	24.4	18.6	28.0

