

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012806.D
 Acq On : 07 Nov 2017 21:30
 Operator : SJ/JU
 Sample : I6164-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET0E7

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:30 PM

Quant Time: Nov 08 04:04:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	138172	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	586584	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	371040	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	858840m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	777384	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	713468	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	9774	3.82	ng/uL	0.00
5) Phenol-d5	6.97	99	210880	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	125114	22.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	190841	22.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	185358	20.89	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	97647	22.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	115683	23.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	212727	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	205416	20.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	710424	23.14	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	846151	22.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	65899	13.39	ng/ul	0.00
57) Fluorene-d10	15.43	176	609064	23.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	75630	13.34	ng/ul	0.00
70) Anthracene-d10	17.28	188	915100	22.05	ng/ul	0.00
78) Pyrene-d10	19.57	212	973310	26.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	774777	22.97	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.00	94	27966	2.650	ng/ul	96
44) Dimethylphthalate	13.89	163	54399	1.785	ng/ul	97
69) Phenanthrene	17.23	178	708999m	15.103	ng/ul	
71) Anthracene	17.32	178	108872	2.237	ng/ul	99
74) Carbazole	17.59	167	85502	2.106	ng/ul	96
76) Fluoranthene	19.24	202	1615729	28.643	ng/ul#	93
79) Pyrene	19.60	202	1200971	25.894	ng/ul#	93
82) Benzo(a)anthracene	21.35	228	496595	10.557	ng/ul	99
84) Chrysene	21.40	228	576161	13.515	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	733767	16.829	ng/ul#	96
88) Benzo(k)fluoranthene	23.00	252	260885	6.295	ng/ul	95
90) Benzo(a)pyrene	23.54	252	433473m	10.448	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.95	276	354285	7.085	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.95	278	85971m	2.031	ng/ul	
93) Benzo(g,h,i)perylene	26.66	276	284746	6.911	ng/ul#	91

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

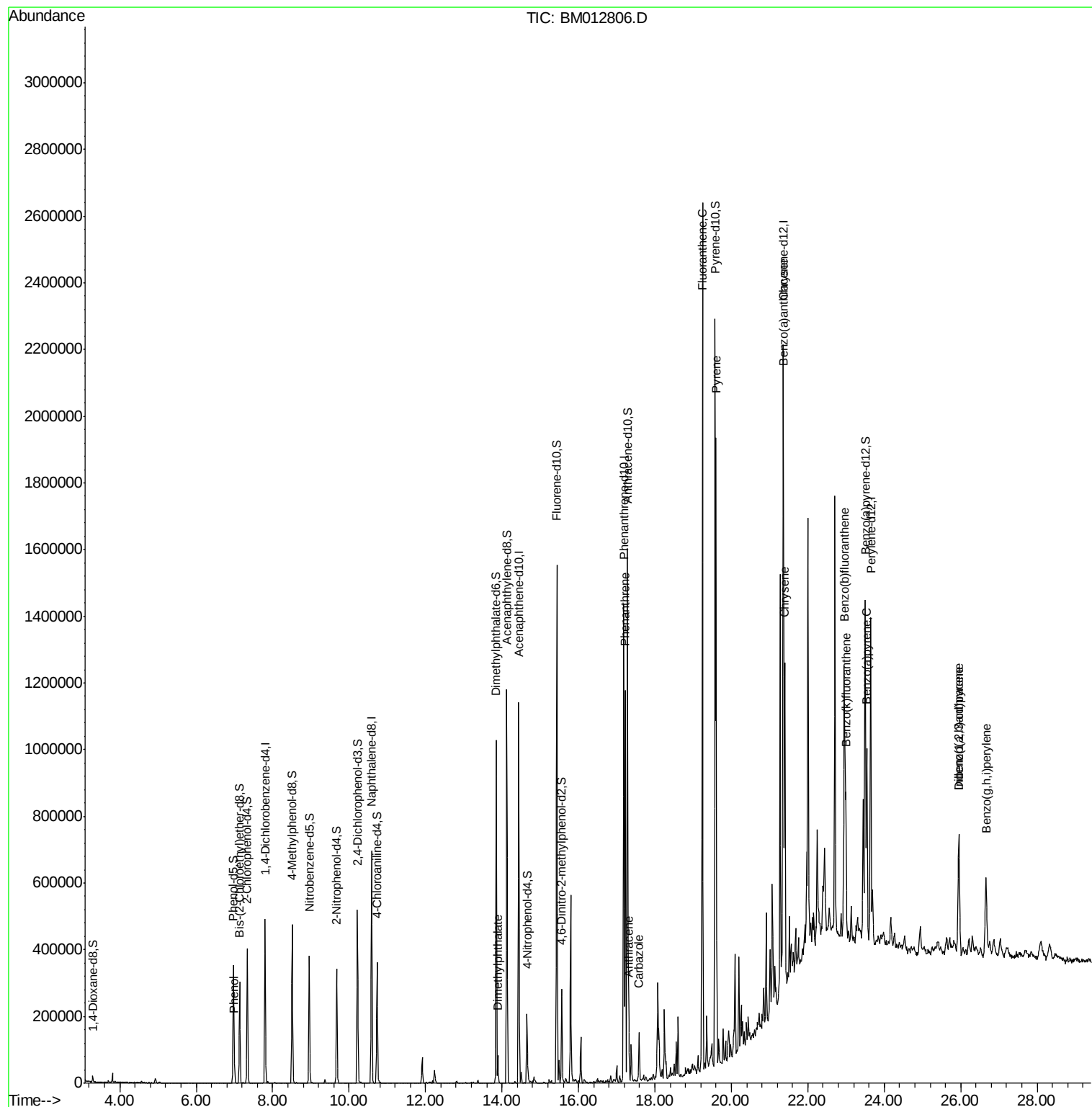
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012806.D
Acq On : 07 Nov 2017 21:30
Operator : SJ/JU
Sample : I6164-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

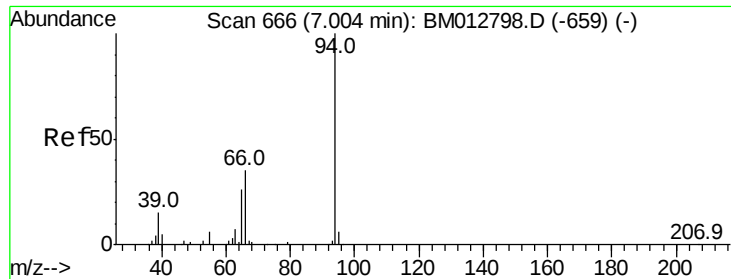
Instrument :
BNA_M
ClientSampled :
ETOE7

Quant Time: Nov 08 04:04:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:30 PM





#6

Phenol

Concen: 2.650 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

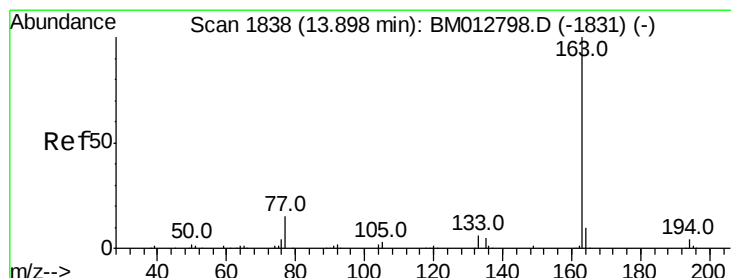
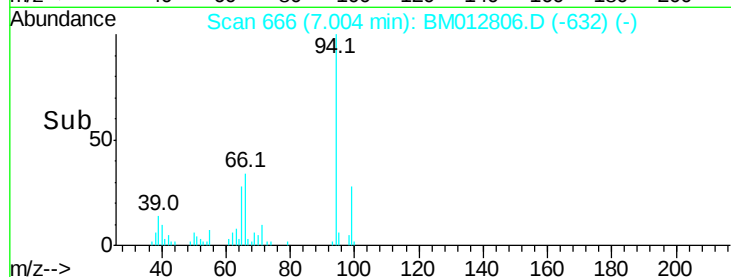
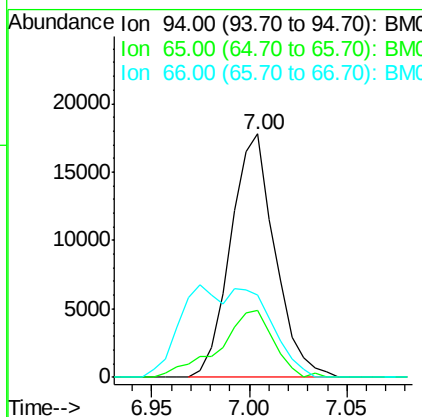
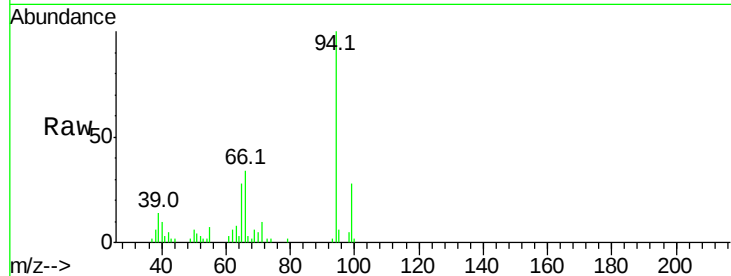
ClientSampleId :

ET0E7

Tot Ion:	94	Resp:	27966
Ion Ratio	Lower	Upper	
94	100		
65	27.6	21.0	31.6
66	33.7	29.3	43.9

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:30 PM



#44

Dimethylphthalate

Concen: 1.785 ng/ul

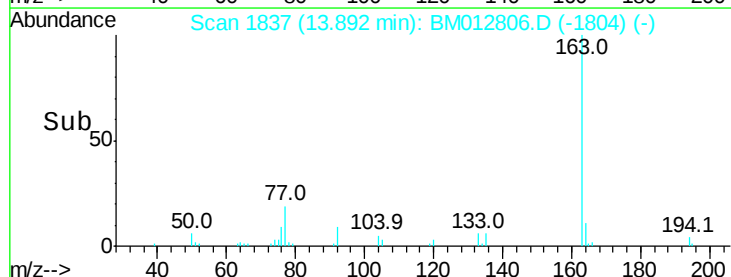
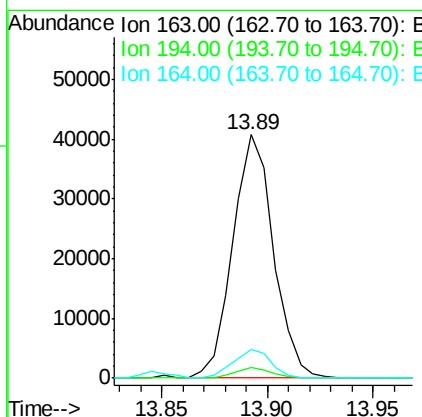
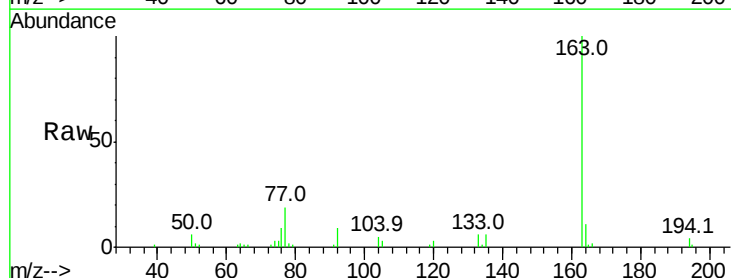
RT: 13.89 min Scan# 1837

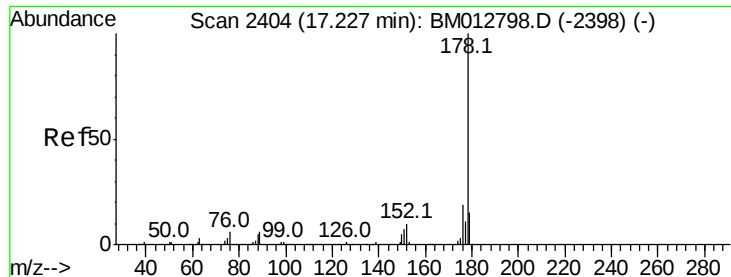
Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Tgt Ion:	163	Resp:	54399
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	11.5	7.8	11.8





#69

Phenanthrene

Concen: 15.103 ng/ul m

RT: 17.23 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

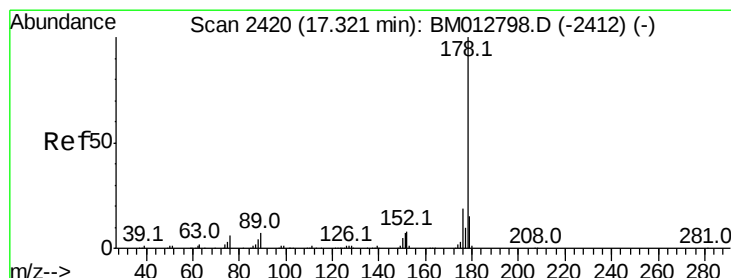
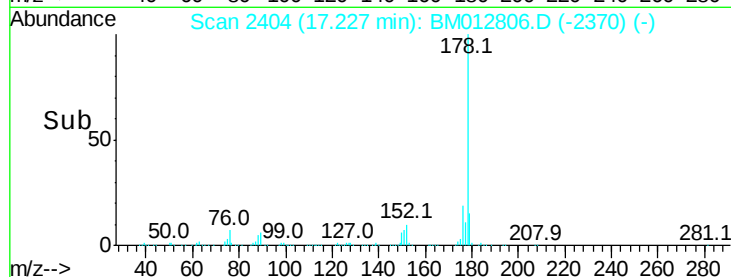
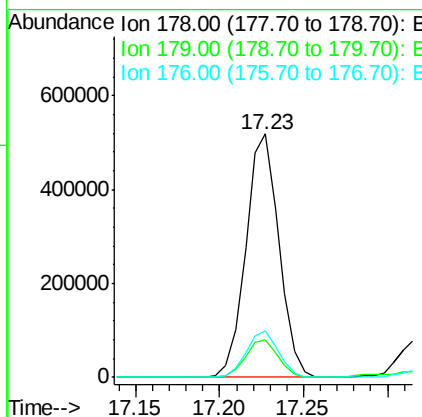
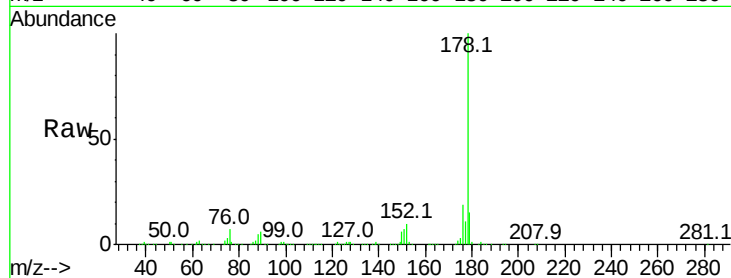
ClientSampleId :

ET0E7

Tot Ion:	178	Resp:	708999
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.0	15.6	23.4

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:30 PM



#71

Anthracene

Concen: 2.237 ng/ul

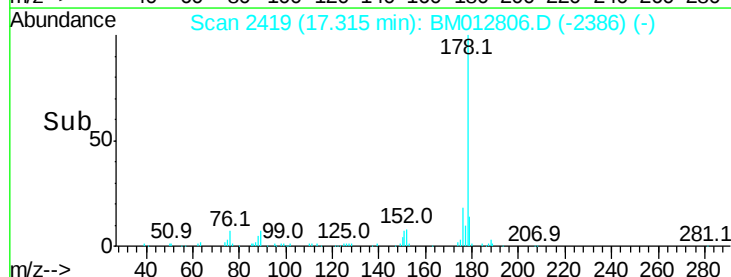
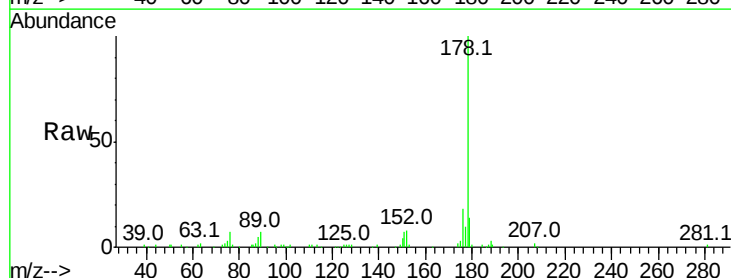
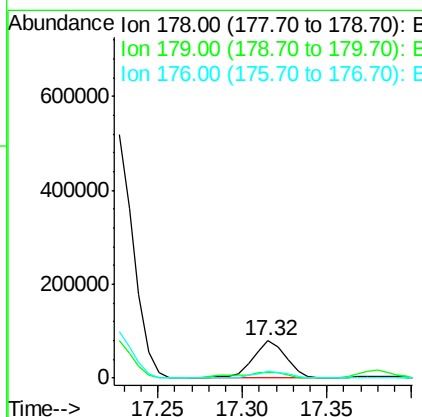
RT: 17.32 min Scan# 2419

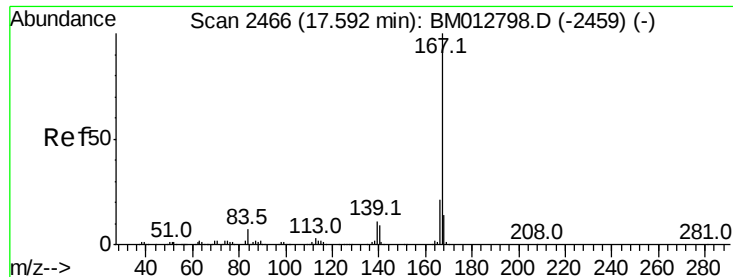
Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Tgt Ion:	178	Resp:	108872
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.1	18.1
176	18.2	14.8	22.2





#74

Carbazole

Concen: 2.106 ng/ul

RT: 17.59 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

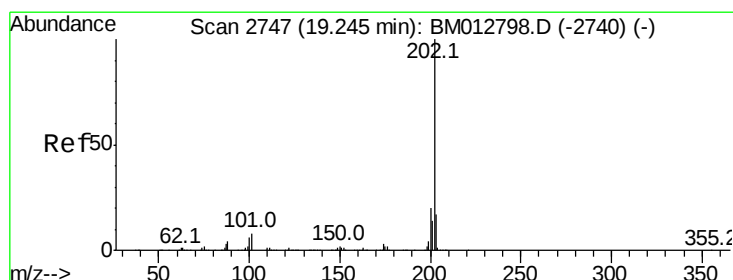
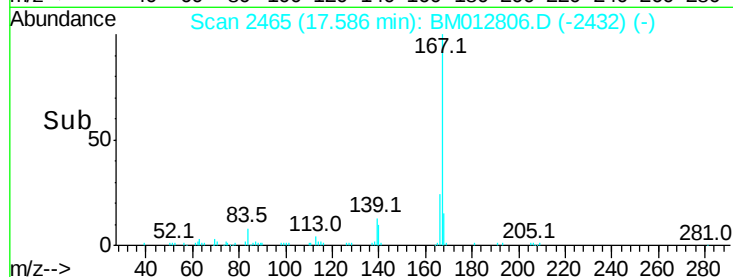
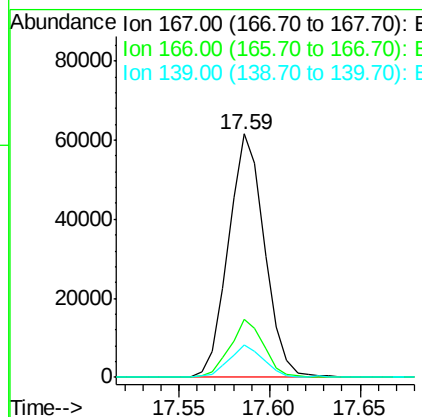
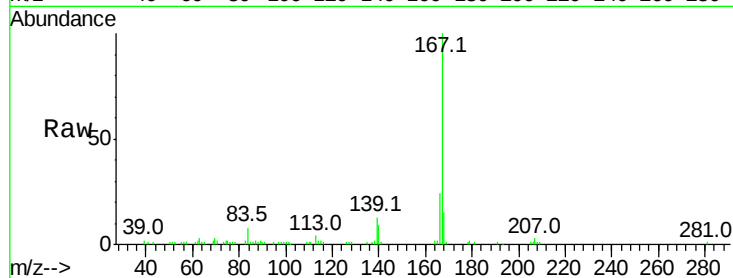
ClientSampleId :

ET0E7

Tot Ion:	167	Resp:	85502
Ion Ratio	Lower	Upper	
167	100		
166	23.6	17.0	25.6
139	13.1	11.0	16.4

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:30 PM



#76

Fluoranthene

Concen: 28.643 ng/ul

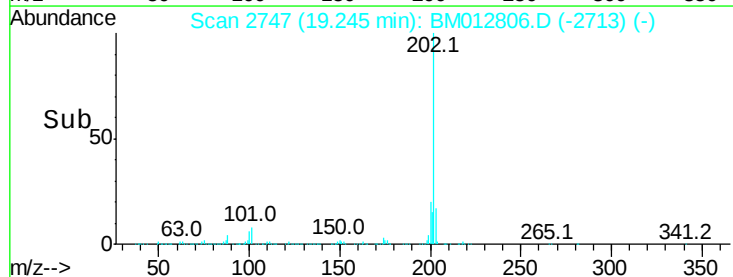
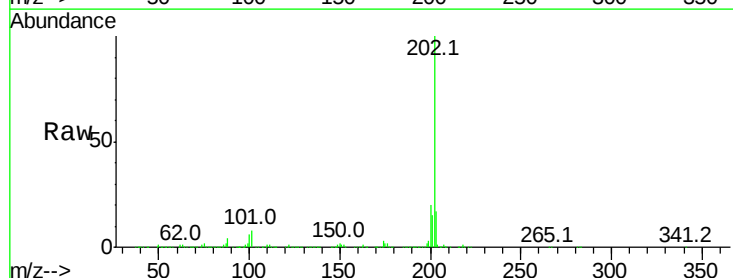
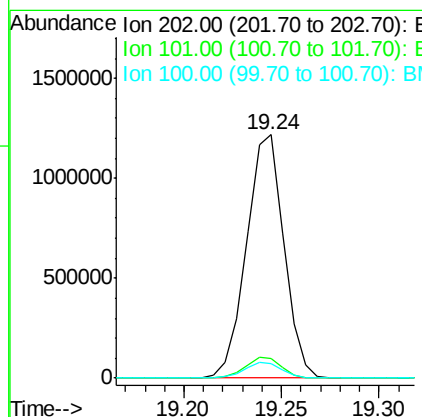
RT: 19.24 min Scan# 2747

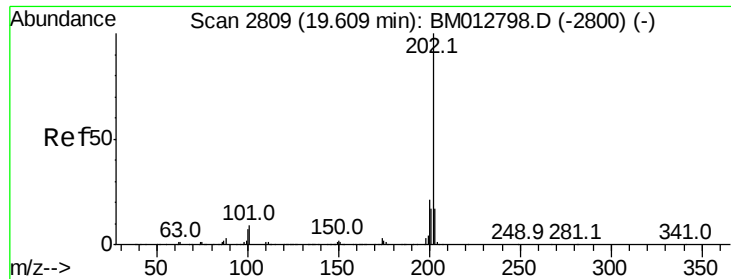
Delta R.T. -0.00 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Tgt Ion:	202	Resp:	1615729
Ion Ratio	Lower	Upper	
202	100		
101	8.0	8.8	13.2#
100	6.0	6.6	9.8#





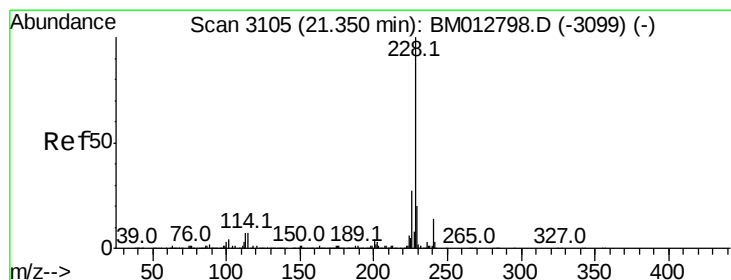
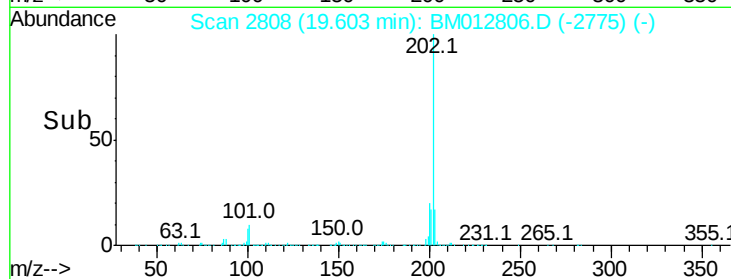
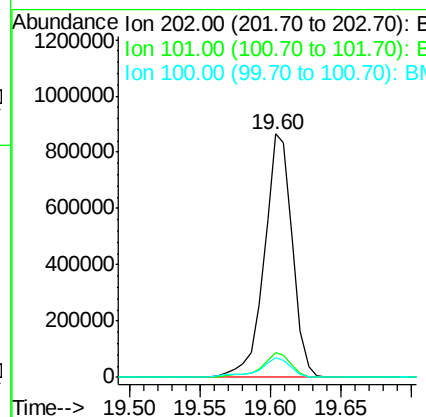
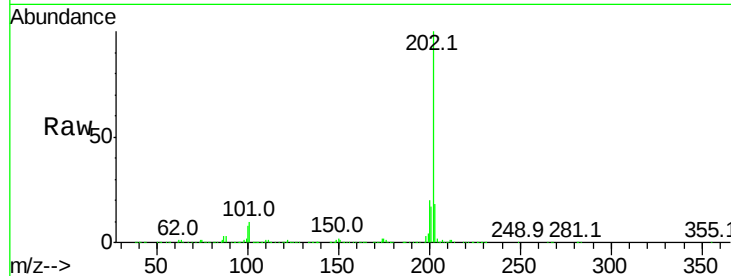
#79
Pvrene
Concen: 25.894 ng/ul
RT: 19.60 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM012806.D
Acq: 07 Nov 2017 21:30

Instrument :
BNA_M
ClientSampled :
ETOE7

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.2	15.2#
100	7.9	8.5	12.7#

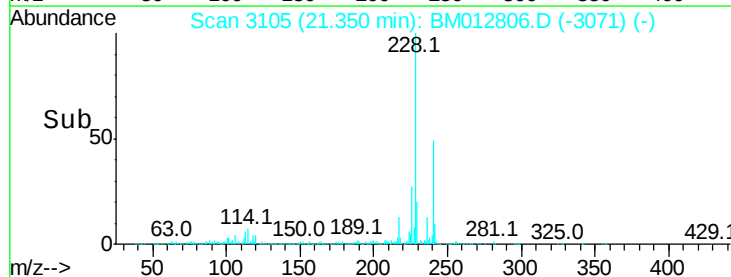
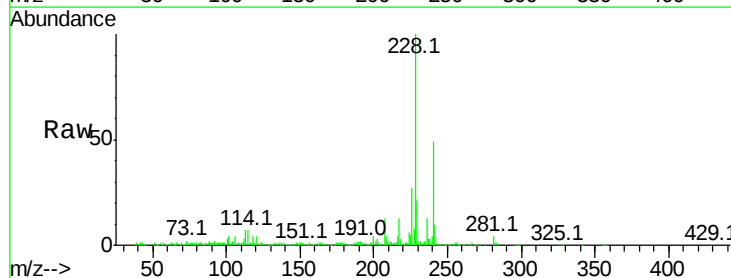
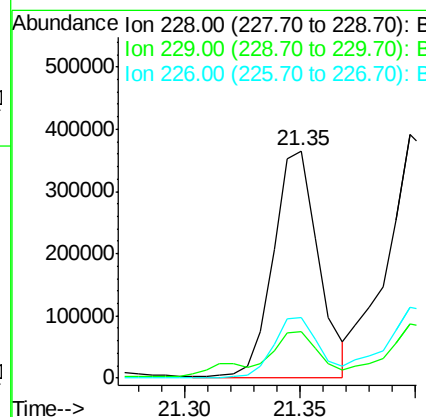
Manual Integrations
APPROVED

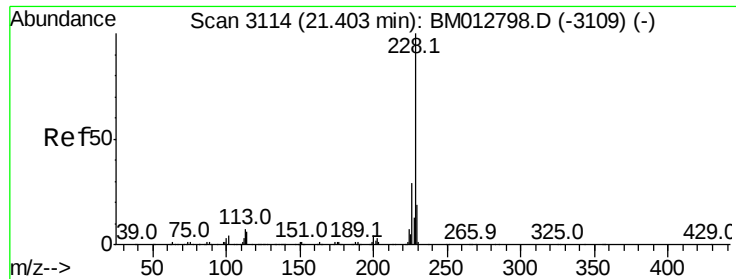
Sohil
11/8/2017 5:38:30 PM



#82
Benzo(a)anthracene
Concen: 10.557 ng/ul
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM012806.D
Acq: 07 Nov 2017 21:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	26.8	21.8	32.6





#84

Chrysene

Concen: 13.515 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

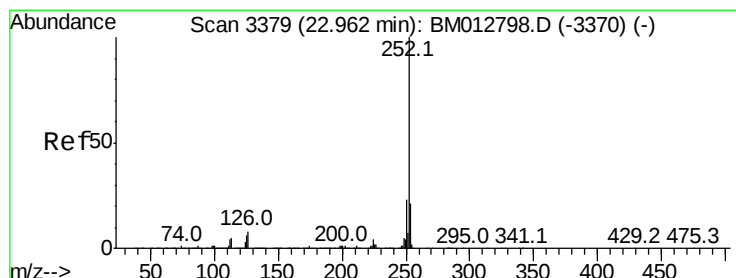
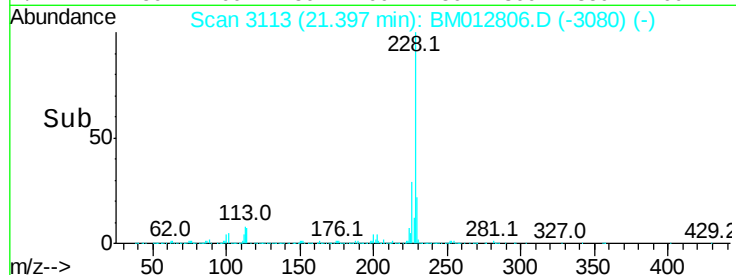
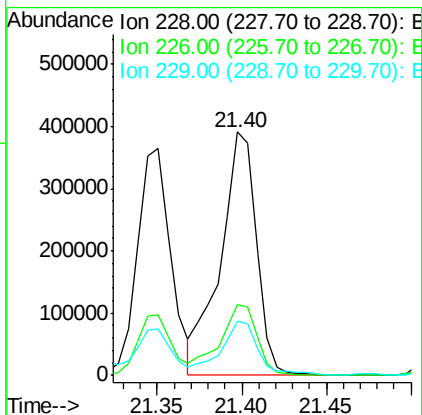
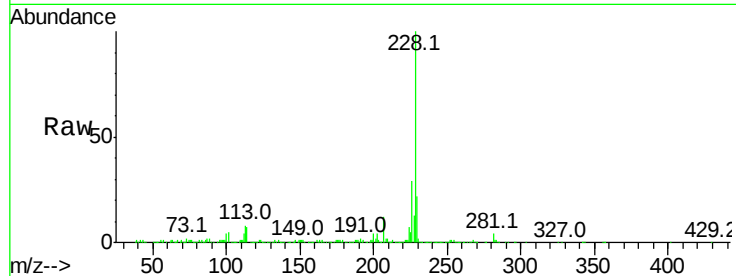
ClientSampled :

ET0E7

Tot Ion:	228	Resp:	576161
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.0	36.0
229	22.0	15.6	23.4

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:30 PM



#87

Benzo(b)fluoranthene

Concen: 16.829 ng/ul

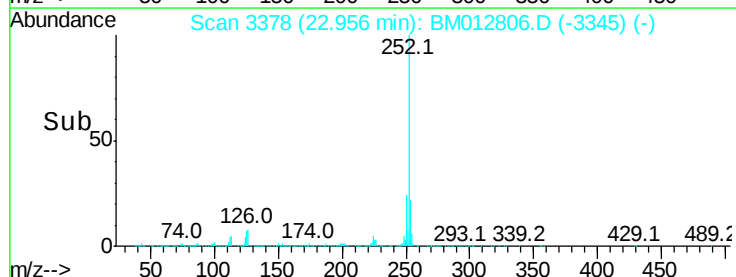
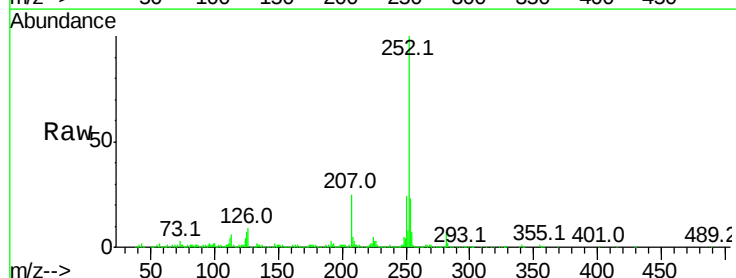
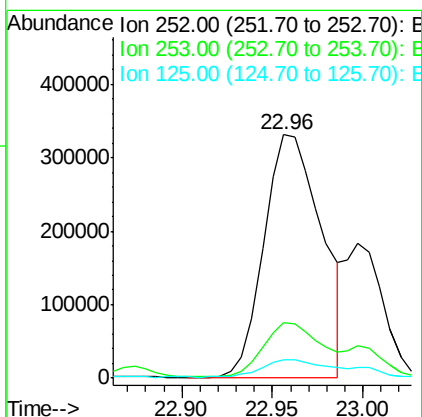
RT: 22.96 min Scan# 3378

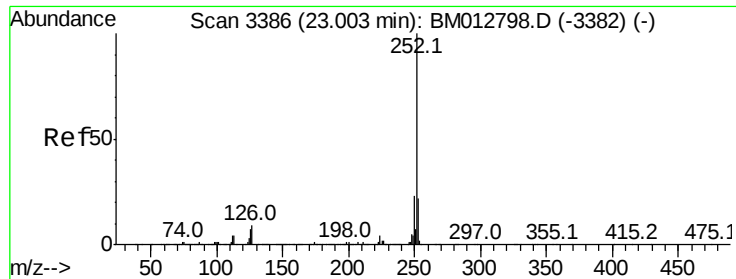
Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Tgt Ion:	252	Resp:	733767
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	7.3	8.5	12.7#





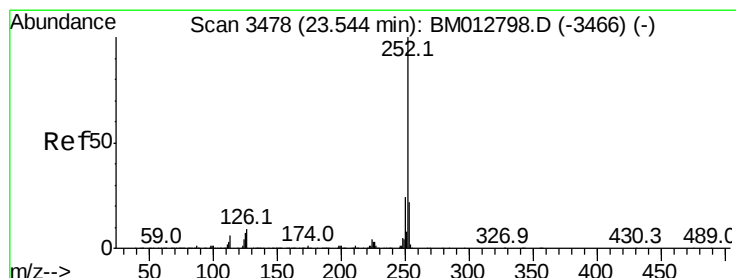
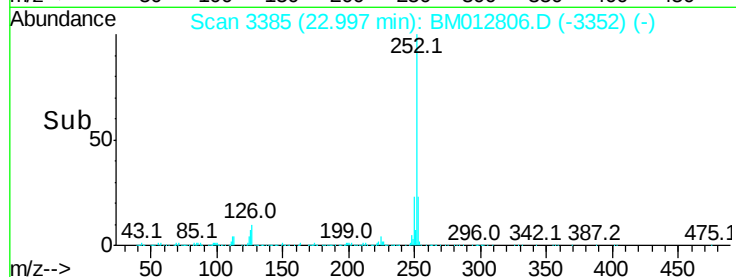
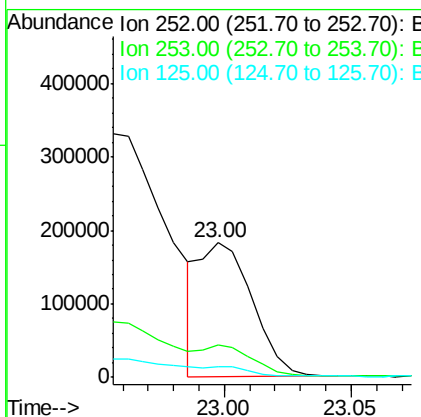
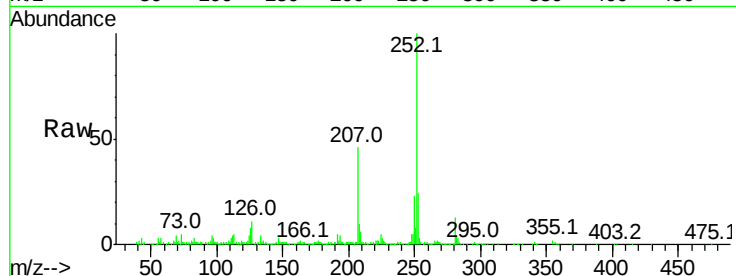
#88
Benzo(k)fluoranthene
Concen: 6.295 ng/ul
RT: 23.00 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM012806.D
Acq: 07 Nov 2017 21:30

Instrument :
BNA_M
ClientSampled :
ETOE7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	17.3	25.9
125	8.2	8.2	12.2

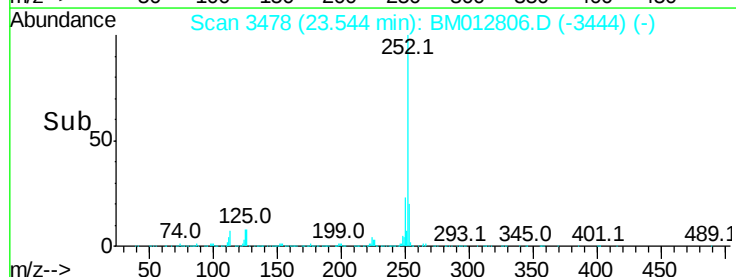
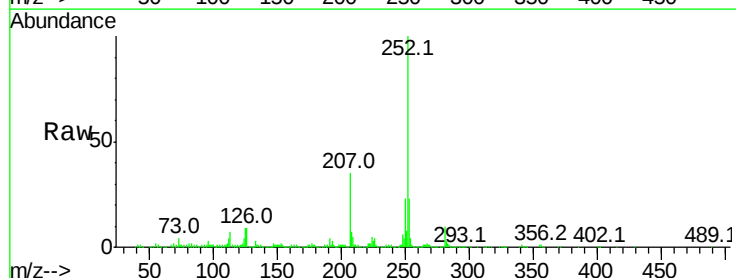
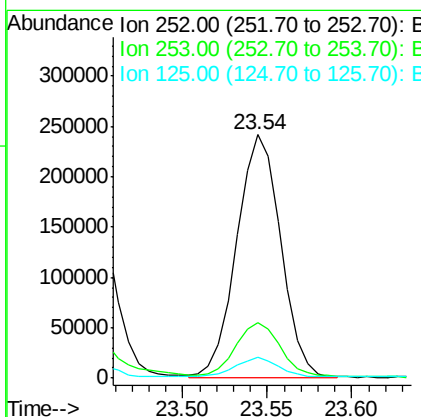
Manual Integrations
APPROVED

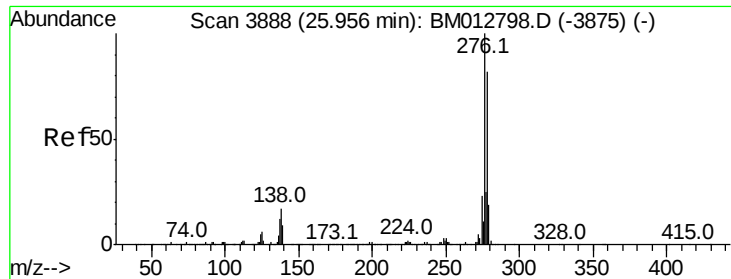
Sohil
11/8/2017 5:38:30 PM



#90
Benzo(a)pyrene
Concen: 10.448 ng/ul m
RT: 23.54 min Scan# 3478
Delta R.T. -0.00 min
Lab File: BM012806.D
Acq: 07 Nov 2017 21:30

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.2	25.8
125	8.6	9.0	13.6#





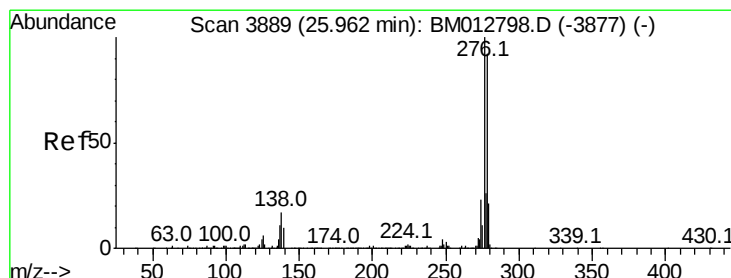
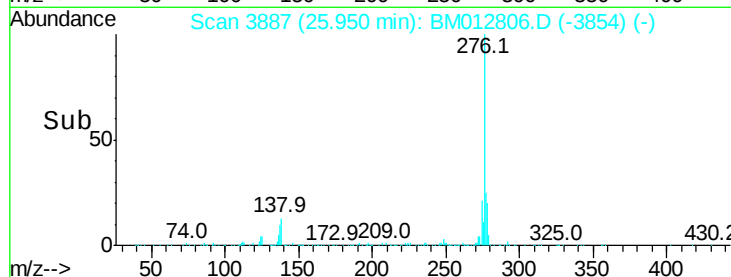
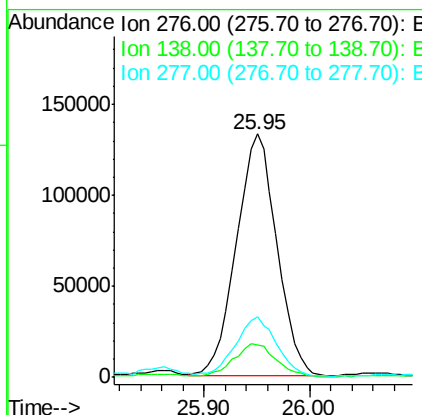
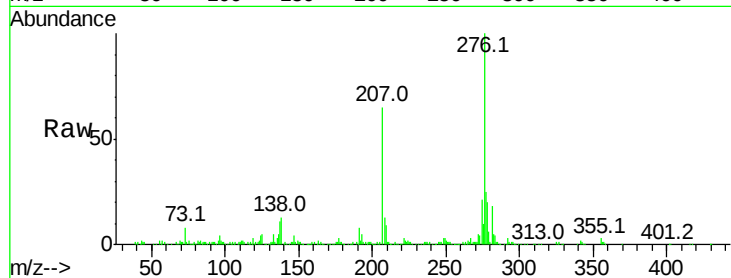
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 7.085 ng/ul
 RT: 25.95 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM012806.D
 Acq: 07 Nov 2017 21:30

Instrument :
 BNA_M
 ClientSampled :
 ETOE7

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	22.3	33.5#
277	25.1	20.2	30.2

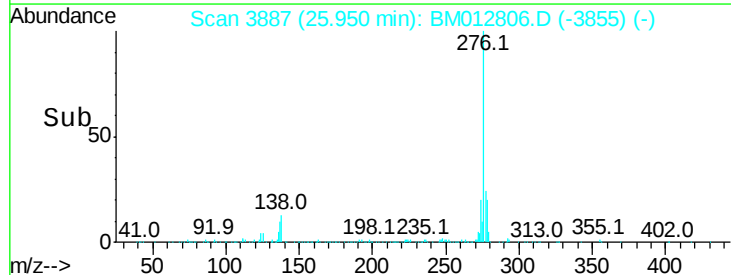
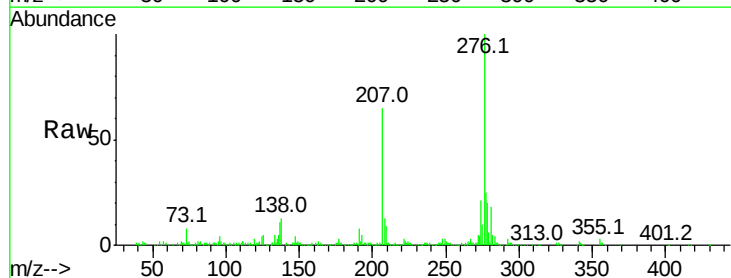
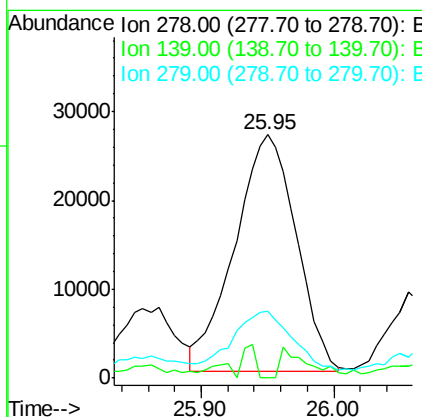
Manual Integrations
 APPROVED

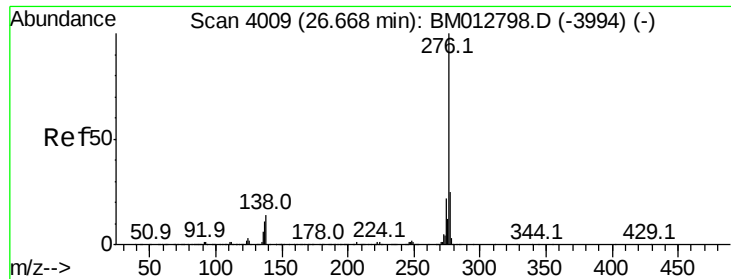
Sohil
 11/8/2017 5:38:30 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 2.031 ng/ul m
 RT: 25.95 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM012806.D
 Acq: 07 Nov 2017 21:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.6	19.0	28.4





#93
 Benzo(a,h,i)perylene
 Concen: 6.911 ng/ul
 RT: 26.66 min Scan# 4008
 Delta R.T. -0.01 min
 Lab File: BM012806.D
 Acq: 07 Nov 2017 21:30

Instrument :
 BNA_M
 ClientSampleId :
 ET0E7

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	18.9	28.3#
277	24.1	19.2	28.8

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:30 PM

