

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012800.D
 Acq On : 07 Nov 2017 17:56
 Operator : SJ/JU
 Sample : I6164-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET0E0

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:25 PM

Quant Time: Nov 08 02:54:55 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	100419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	441554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	292149	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	703068	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	715799	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	630669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7810	4.20	ng/uL	0.00
5) Phenol-d5	6.97	99	171824	23.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	98092	24.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	146998	23.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	104782	16.25	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	75141	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	89386	23.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	163661	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	121304	16.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	572125	23.67	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	675761	22.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	65720	16.97	ng/ul	0.00
57) Fluorene-d10	15.43	176	496449	23.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	69966	15.07	ng/ul	0.00
70) Anthracene-d10	17.28	188	753391	22.18	ng/ul	0.00
78) Pyrene-d10	19.57	212	834191	25.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	683400	22.92	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.00	94	27088	3.532	ng/ul	95
44) Dimethylphthalate	13.89	163	251954	10.502	ng/ul	98
69) Phenanthrene	17.23	178	767027	19.960	ng/ul	99
71) Anthracene	17.32	178	90339	2.267	ng/ul	99
74) Carbazole	17.59	167	80228	2.414	ng/ul	99
76) Fluoranthene	19.24	202	1549419	33.553	ng/ul#	92
79) Pyrene	19.61	202	1144484	26.799	ng/ul#	91
82) Benzo(a)anthracene	21.35	228	417267	9.633	ng/ul	99
84) Chrysene	21.40	228	530166	13.506	ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	604420	15.682	ng/ul#	95
88) Benzo(k)fluoranthene	23.00	252	225029m	6.143	ng/ul	
90) Benzo(a)pyrene	23.54	252	350031m	9.545	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.95	276	271329	6.139	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.95	278	62328	1.666	ng/ul#	74
93) Benzo(g,h,i)perylene	26.66	276	235398	6.463	ng/ul#	89

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

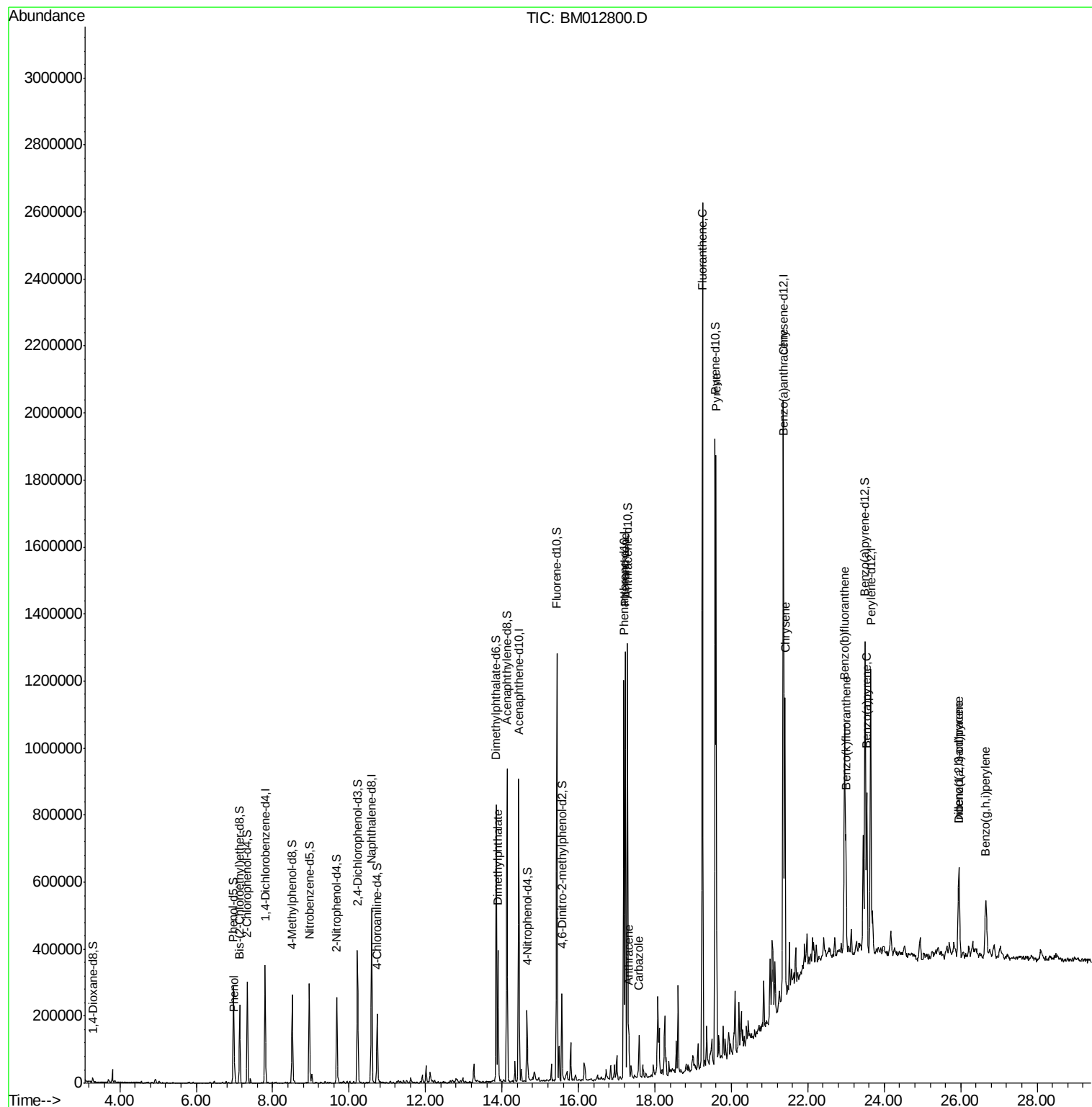
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012800.D
Acq On : 07 Nov 2017 17:56
Operator : SJ/JU
Sample : I6164-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

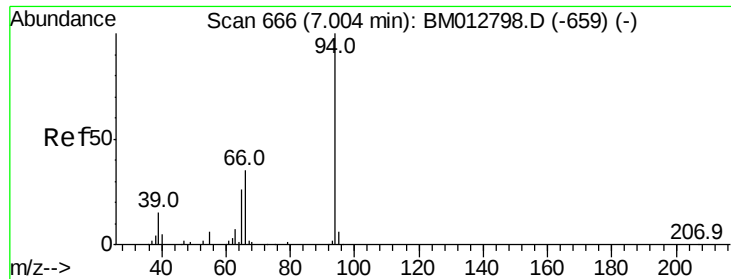
Instrument :
BNA_M
ClientSampleId :
ET0E0

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Quant Time: Nov 08 02:54:55 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





#6

Phenol

Concen: 3.532 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Instrument :

BNA_M

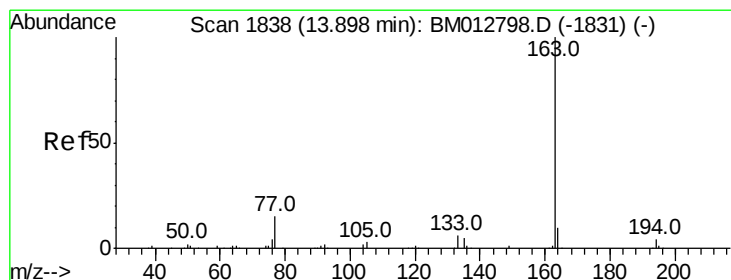
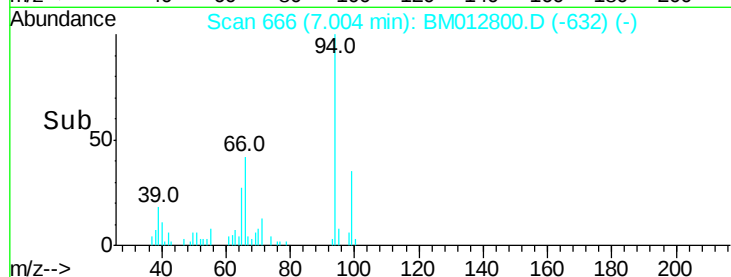
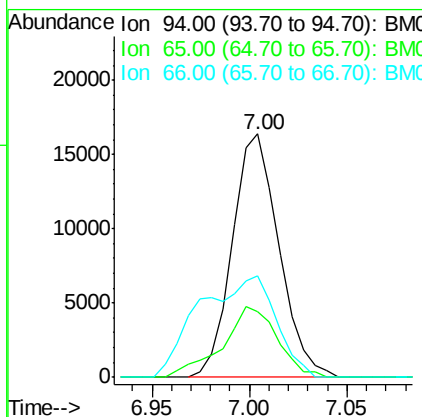
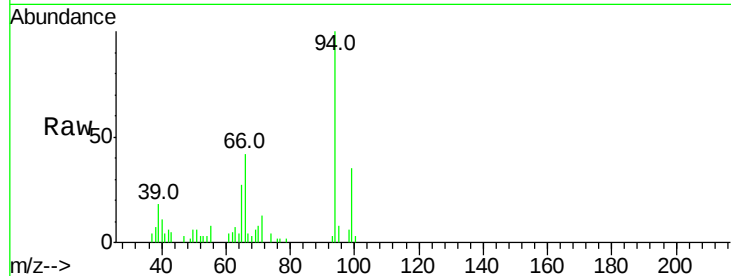
ClientSampled :

ET0E0

Tot Ion:	94	Resp:	27088
Ion	Ratio	Lower	Upper
94	100		
65	26.8	21.0	31.6
66	41.6	29.3	43.9

Manual Integrations
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#44

Dimethylphthalate

Concen: 10.502 ng/ul

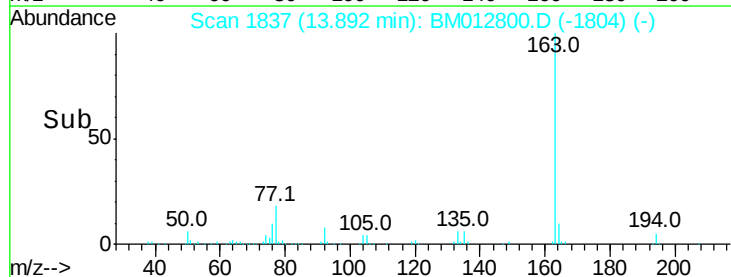
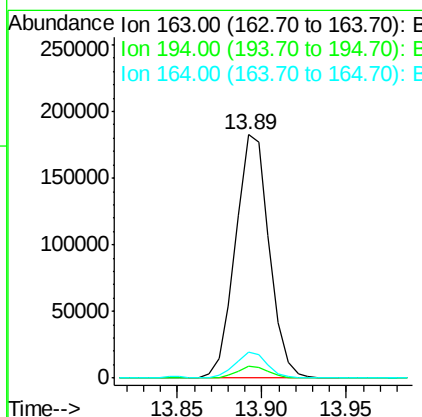
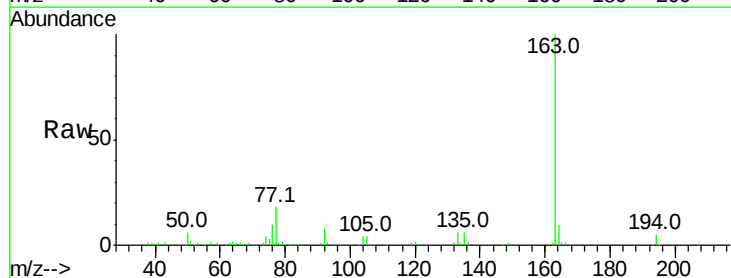
RT: 13.89 min Scan# 1837

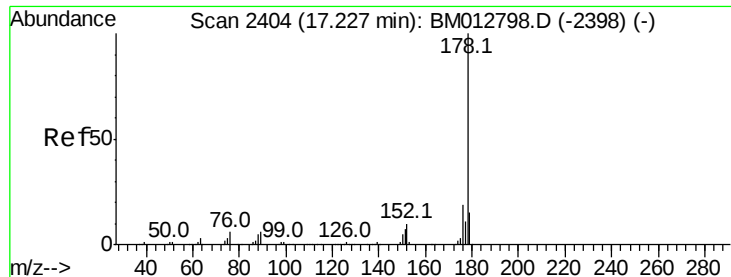
Delta R.T. -0.01 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Tgt Ion:	163	Resp:	251954
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	10.4	7.8	11.8





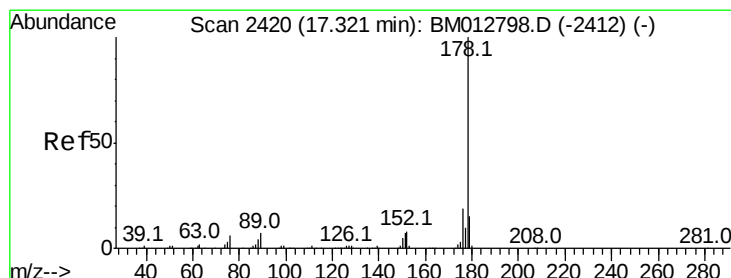
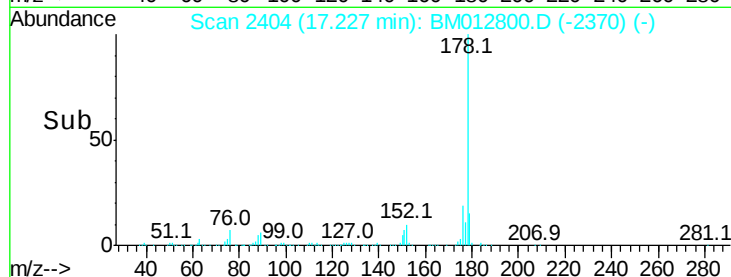
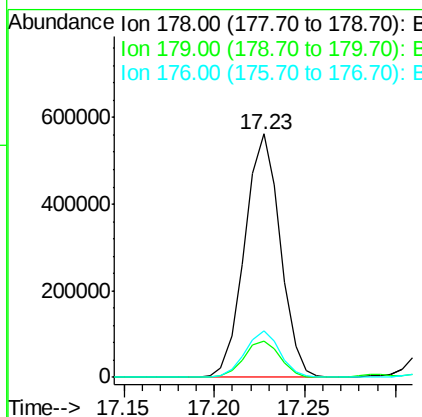
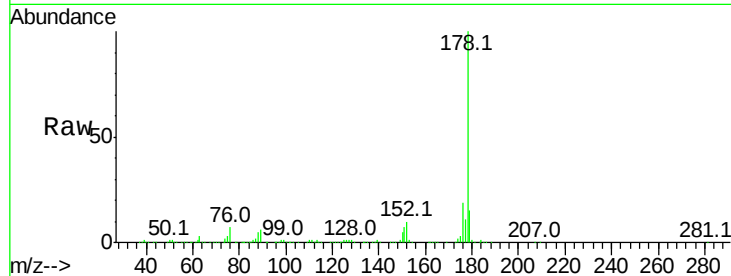
#69
Phenanthrene
Concen: 19.960 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM012800.D
Acq: 07 Nov 2017 17:56

Instrument :
BNA_M
ClientSampleId :
ETOEO

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.9	15.6	23.4

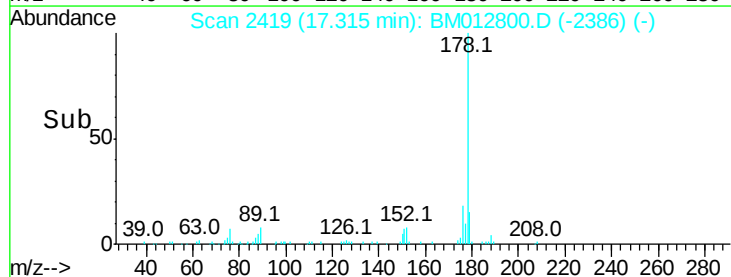
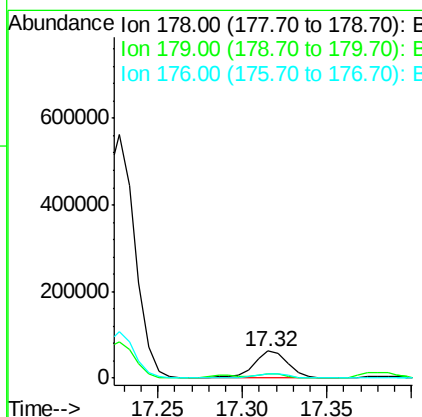
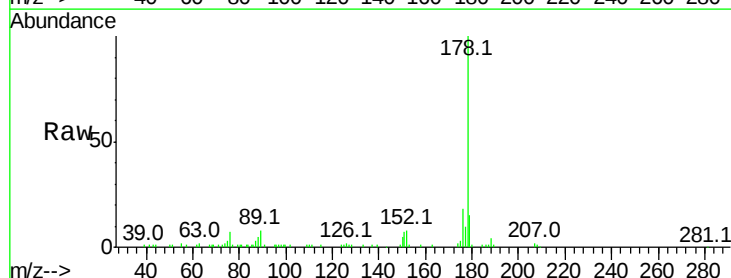
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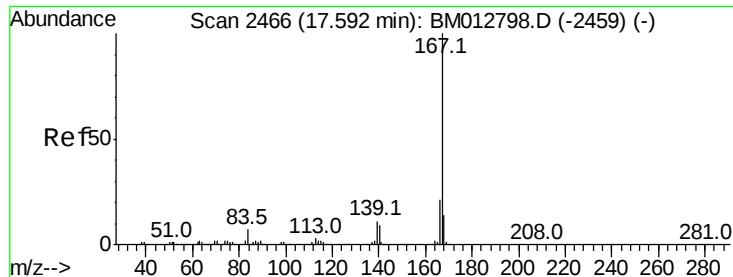
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#71
Anthracene
Concen: 2.267 ng/ul
RT: 17.32 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM012800.D
Acq: 07 Nov 2017 17:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	17.5	14.8	22.2





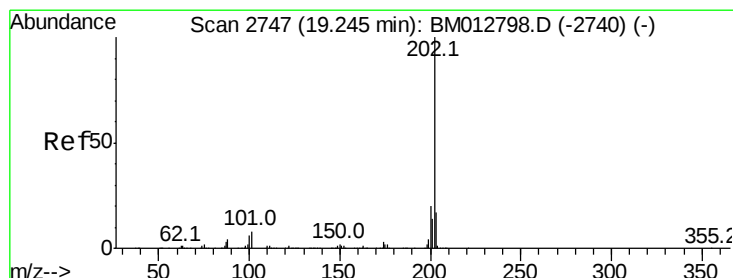
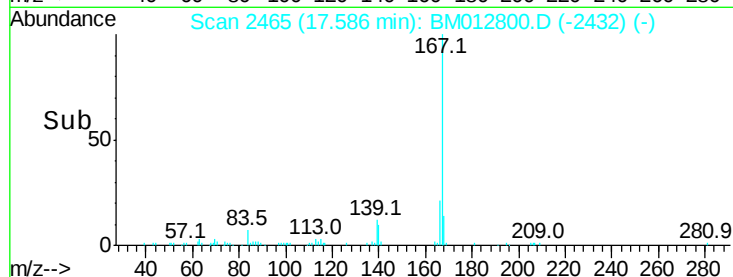
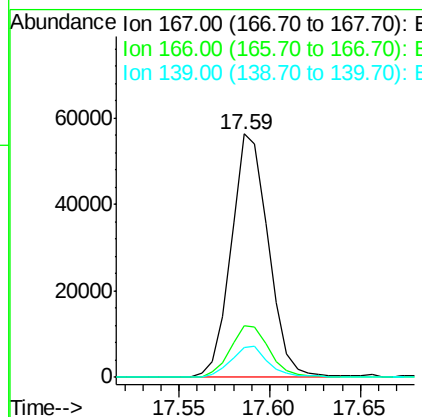
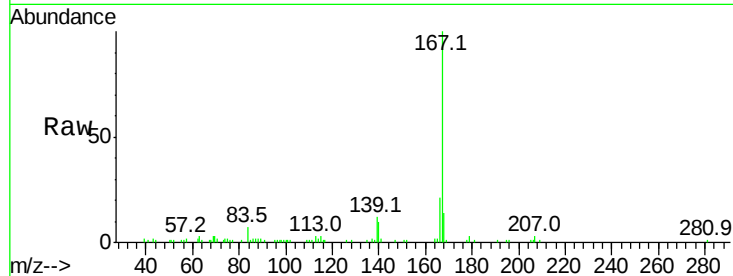
#74
 Carbazole
 Concen: 2.414 ng/ul
 RT: 17.59 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM012800.D
 Acq: 07 Nov 2017 17:56

Instrument :
 BNA_M
 ClientSampleId :
 ETOE0

Tot Ion:	167	Resp:	80228
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.0	25.6
139	12.3	11.0	16.4

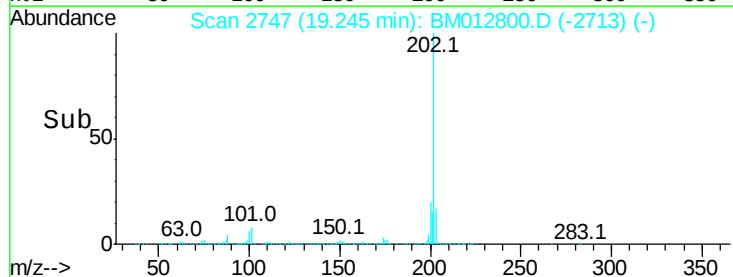
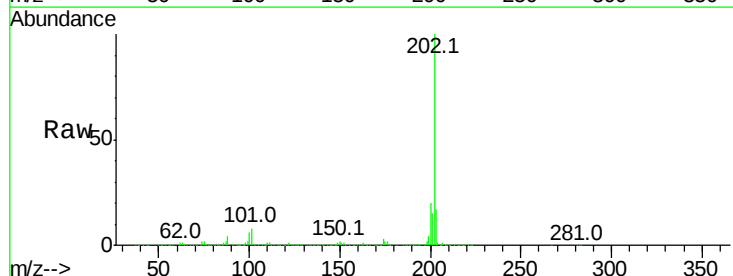
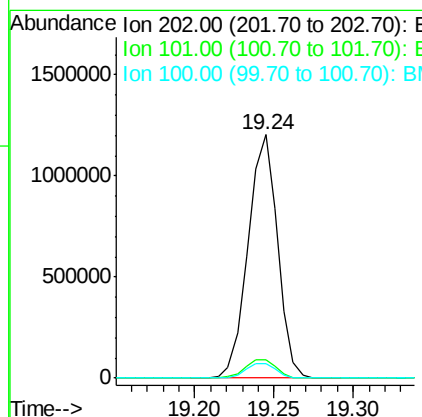
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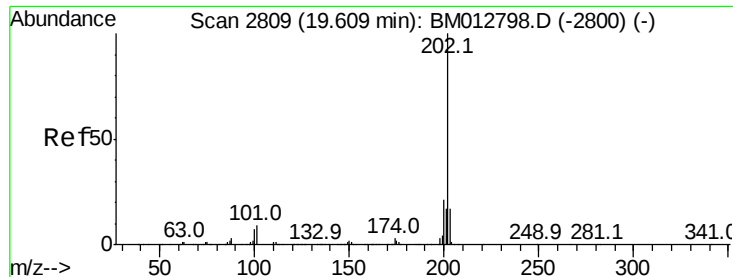
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#76
 Fluoranthene
 Concen: 33.553 ng/ul
 RT: 19.24 min Scan# 2747
 Delta R.T. -0.00 min
 Lab File: BM012800.D
 Acq: 07 Nov 2017 17:56

Tgt Ion:	202	Resp:	1549419
Ion Ratio	Lower	Upper	
202	100		
101	7.7	8.8	13.2#
100	6.1	6.6	9.8#





#79

Pvrene

Concen: 26.799 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Instrument :

BNA_M

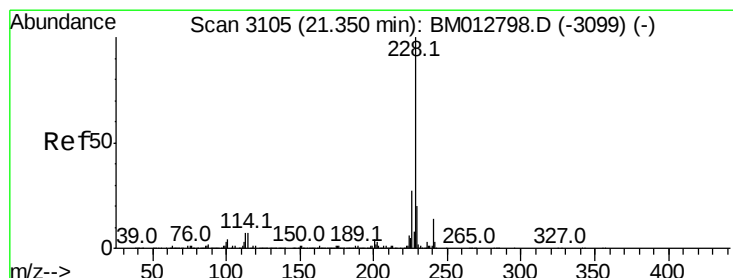
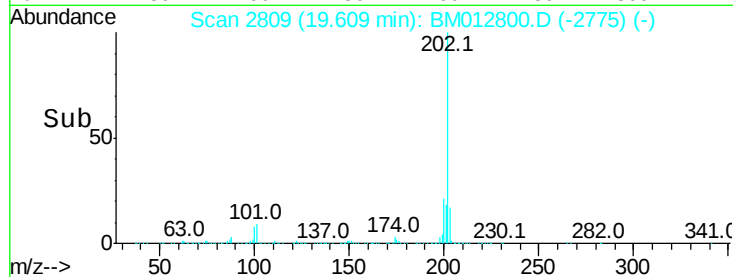
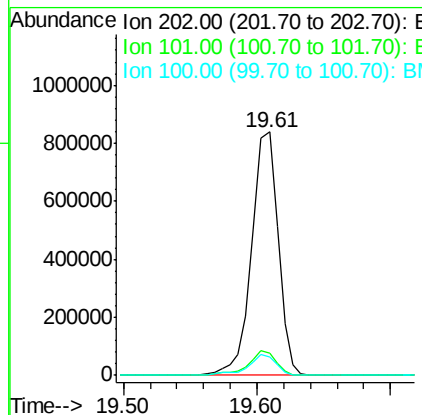
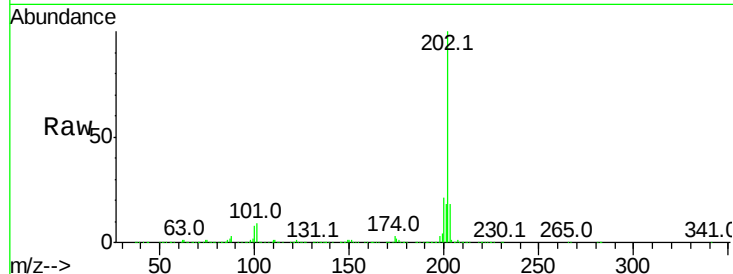
ClientSampled :

ET0E0

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	10.2	15.2#
100	7.6	8.5	12.7#

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#82

Benzo(a)anthracene

Concen: 9.633 ng/ul

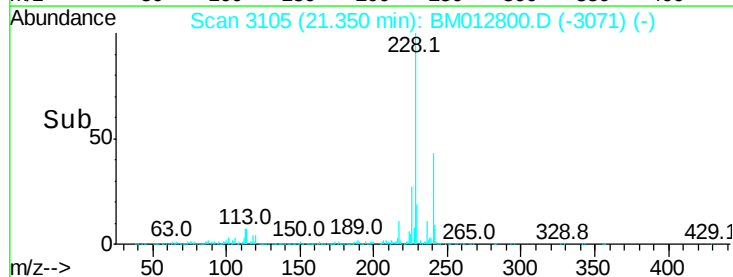
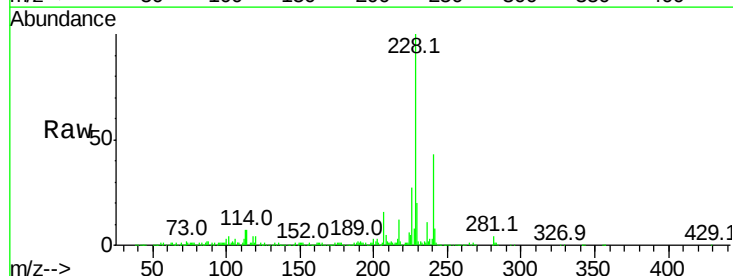
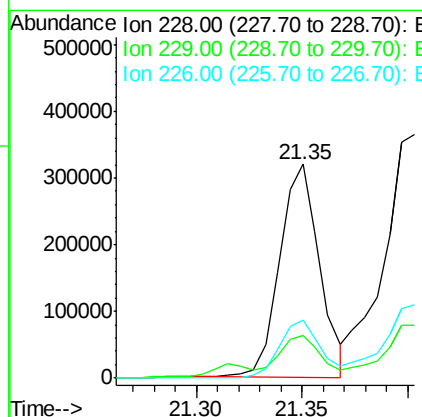
RT: 21.35 min Scan# 3105

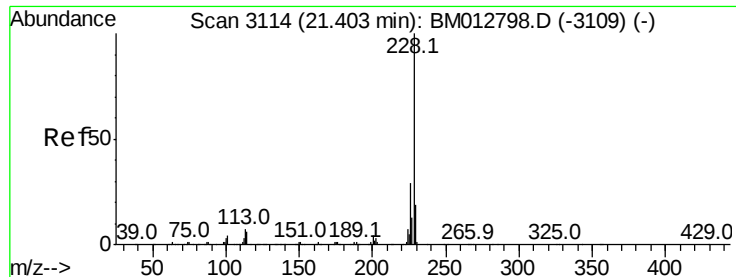
Delta R.T. -0.00 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	27.0	21.8	32.6





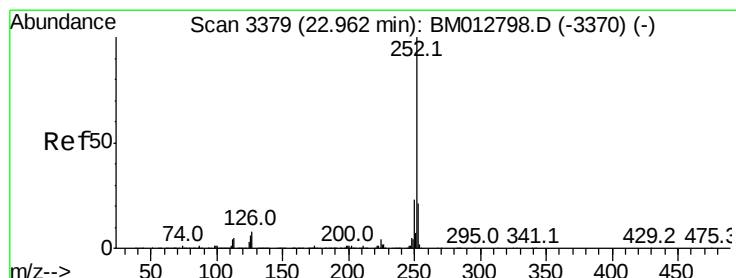
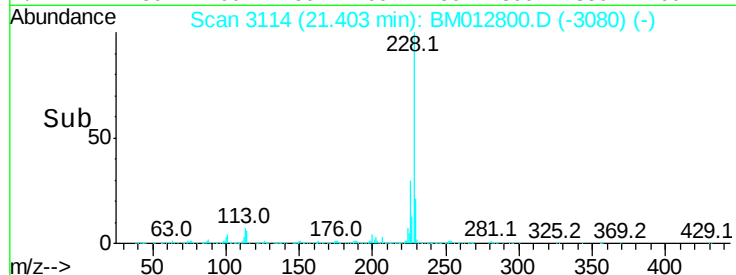
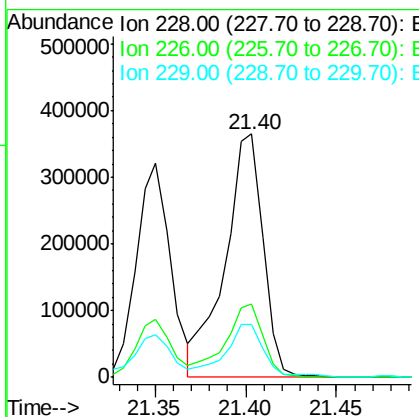
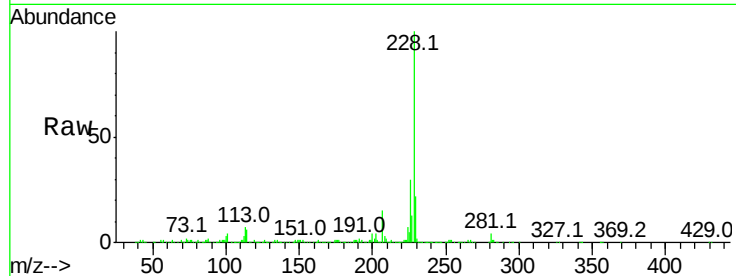
#84
Chrysene
Concen: 13.506 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BM012800.D
Acq: 07 Nov 2017 17:56

Instrument :
BNA_M
ClientSampled :
ET0E0

Tot Ion:	228	Resp:	530166
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.0	36.0
229	21.5	15.6	23.4

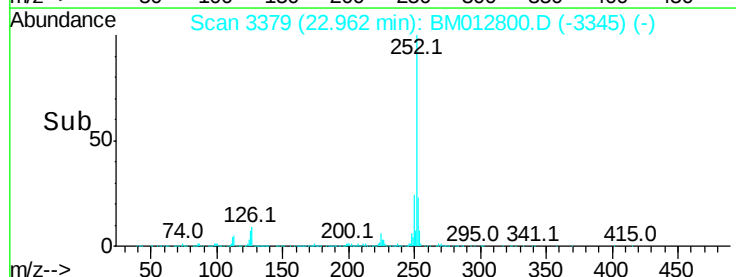
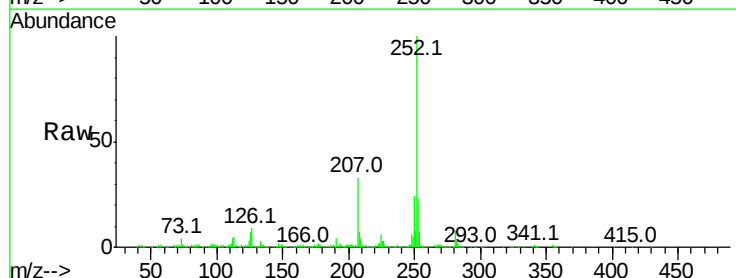
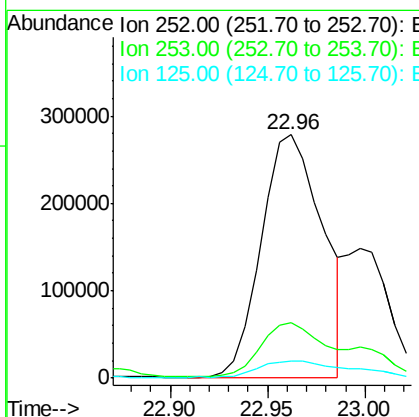
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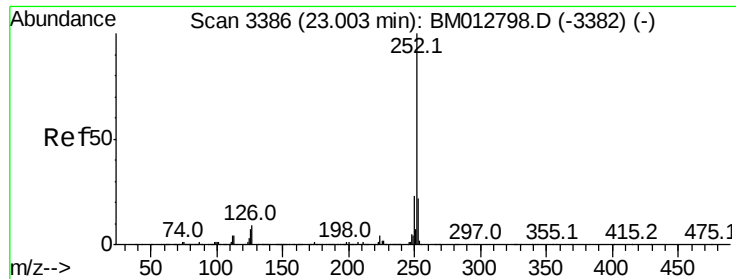
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#87
Benzo(b)fluoranthene
Concen: 15.682 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM012800.D
Acq: 07 Nov 2017 17:56

Tgt Ion:	252	Resp:	604420
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	7.0	8.5	12.7#





#88

Benzo(k)fluoranthene

Concen: 6.143 ng/ul m

RT: 23.00 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Instrument :

BNA_M

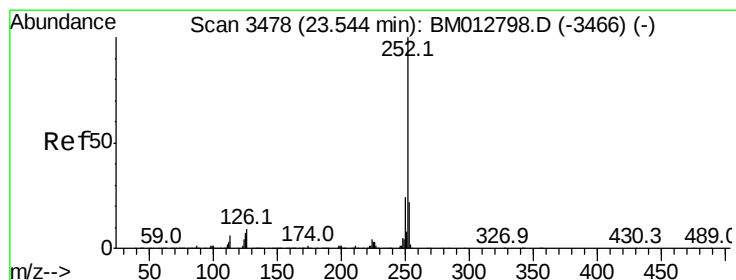
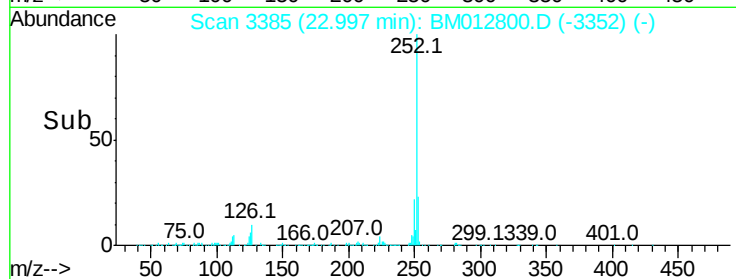
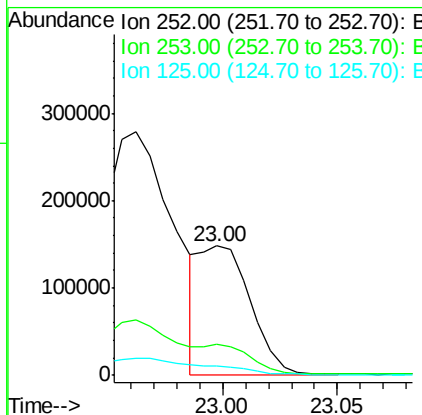
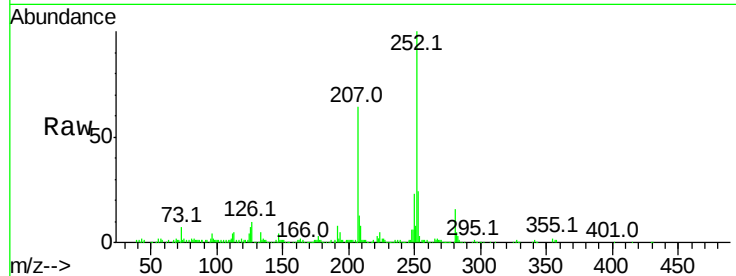
ClientSampled :

ET0E0

Tot Ion:	252	Resp:	225029
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.3	25.9
125	7.1	8.2	12.2#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 9.545 ng/ul m

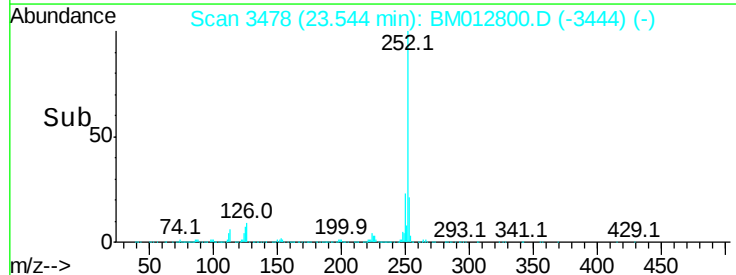
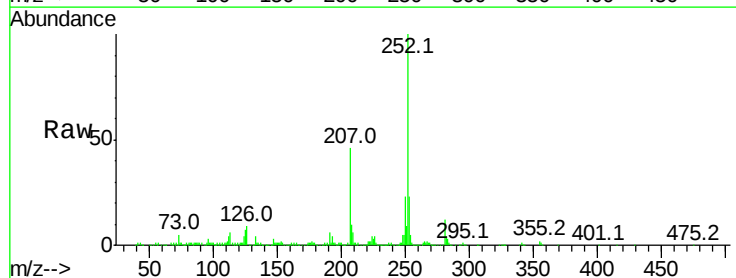
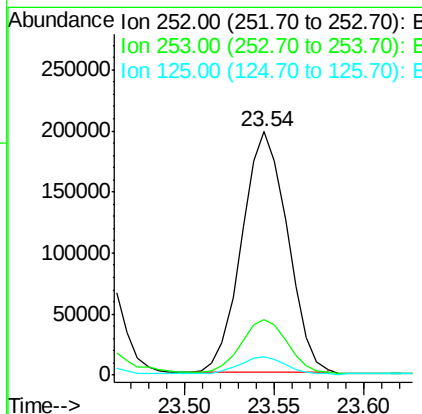
RT: 23.54 min Scan# 3478

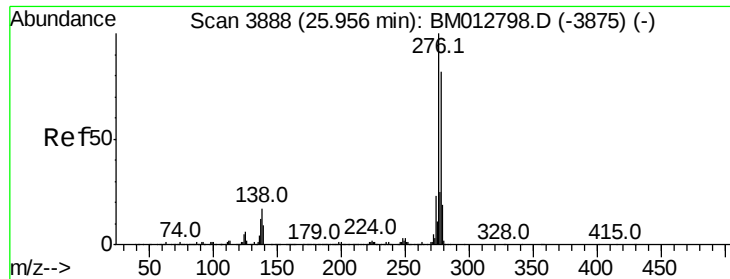
Delta R.T. -0.00 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Tgt Ion:	252	Resp:	350031
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	7.3	9.0	13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 6.139 ng/ul

RT: 25.95 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Instrument :

BNA_M

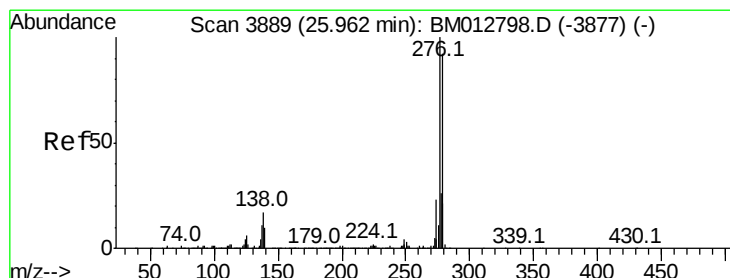
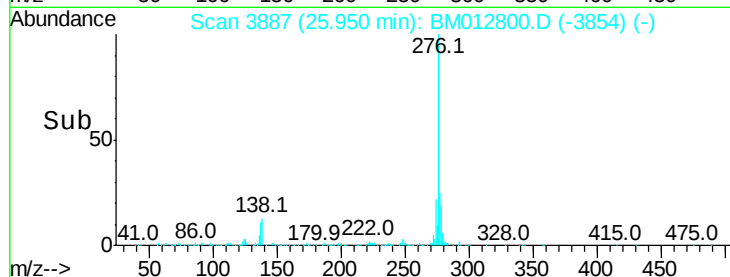
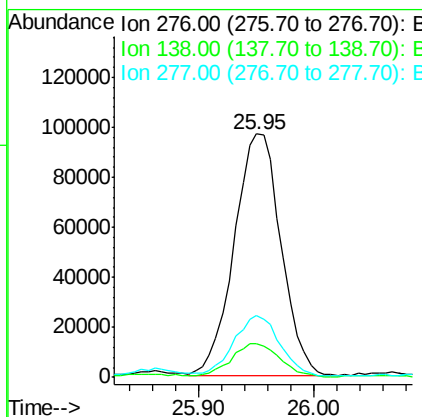
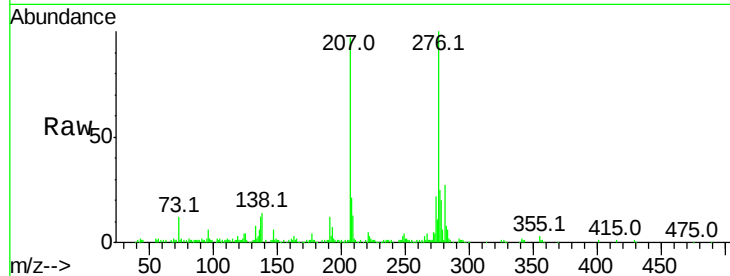
ClientSampleId :

ET0E0

Tot Ion:	276	Resp:	271329
Ion Ratio	Lower	Upper	
276	100		
138	14.0	22.3	33.5#
277	25.4	20.2	30.2

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:25 PM



#92

Dibenzo(a,h)anthracene

Concen: 1.666 ng/ul

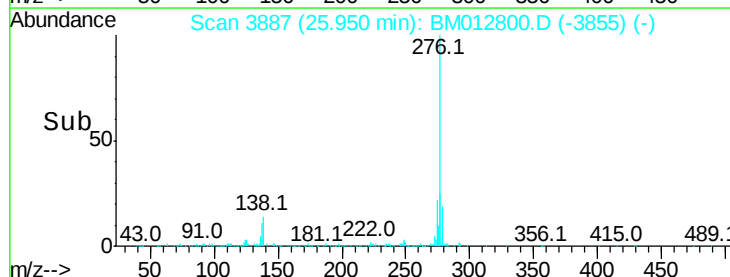
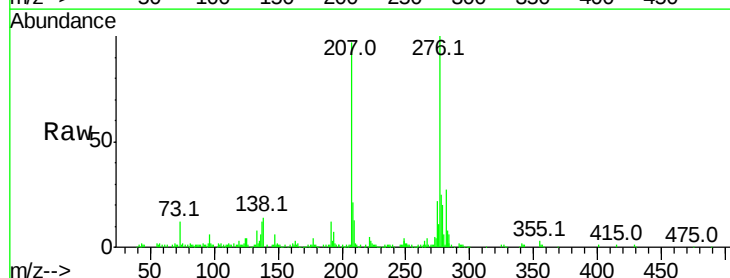
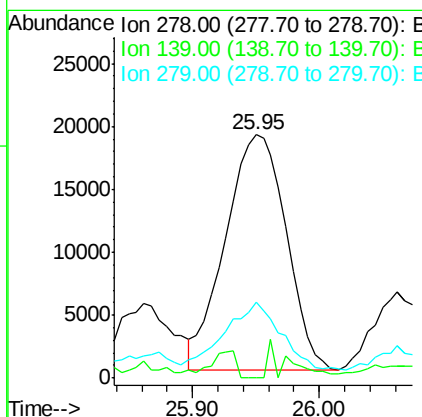
RT: 25.95 min Scan# 3887

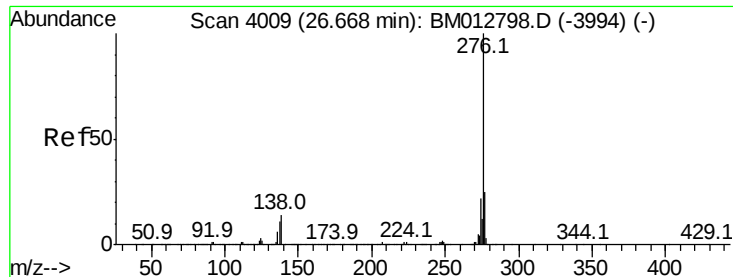
Delta R.T. -0.01 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Tgt Ion:	278	Resp:	62328
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	31.3	19.0	28.4#





#93

Benzo(a,h,i)perylene

Concen: 6.463 ng/ul

RT: 26.66 min Scan# 4007

Delta R.T. -0.01 min

Lab File: BM012800.D

Acq: 07 Nov 2017 17:56

Instrument :

BNA_M

ClientSampleId :

ET0E0

Tot Ion:	276	Resp:	235398
Ion Ratio	Lower	Upper	
276	100		
138	14.6	18.9	28.3#
277	21.9	19.2	28.8

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:25 PM

