

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016908.D
 Acq On : 26 Sep 2018 20:26
 Operator : MJ/SJ
 Sample : J5040-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E8JD9

Manual Integrations
 APPROVED

Sohil
 9/27/2018 5:26:32 PM

Quant Time: Sep 27 03:38:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 02:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	294916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1217196	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	652431	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1439441	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1587557	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1730074	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	18253	2.65	ng/uL	0.00
5) Phenol-d5	6.89	99	410089	16.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	252807	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	355667	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	329620	17.12	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	167759	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	172289	23.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	329830	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	395509	17.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	947141	18.08	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1225016	18.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	109110	12.69	ng/ul	0.00
58) Fluorene-d10	15.35	176	865418	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	49569	8.39	ng/ul	0.00
71) Anthracene-d10	17.20	188	1367077	19.68	ng/ul	0.00
79) Pyrene-d10	19.50	212	1528009	19.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1798059	19.92	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.55	128	99585	1.591	ng/ul	97
45) Dimethylphthalate	13.82	163	415796	8.121	ng/ul	99
50) Acenaphthene	14.42	153	164360	3.615	ng/ul	99
54) Dibenzofuran	14.76	168	93472	1.498	ng/ul	95
59) Fluorene	15.41	166	163943	3.199	ng/ul	100
70) Phenanthrene	17.15	178	2212883	27.676	ng/ul	99
72) Anthracene	17.24	178	507036	6.177	ng/ul	96
75) Carbazole	17.51	167	237365	3.289	ng/ul	98
77) Fluoranthene	19.17	202	4255770	46.432	ng/ul#	89
80) Pyrene	19.53	202	3697803	37.934	ng/ul#	88
83) Benzo(a)anthracene	21.28	228	1943561	19.776	ng/ul	98
85) Chrysene	21.33	228	1790713	19.538	ng/ul	98
88) Benzo(b)fluoranthene	22.87	252	2401814	23.194	ng/ul#	93
89) Benzo(k)fluoranthene	22.91	252	748978m	7.532	ng/ul	
91) Benzo(a)pyrene	23.44	252	1746909	17.698	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.78	276	1132316	9.616	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.78	278	279597	2.839	ng/ul#	85
94) Benzo(g,h,i)perylene	26.47	276	1060773	10.864	ng/ul#	92

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

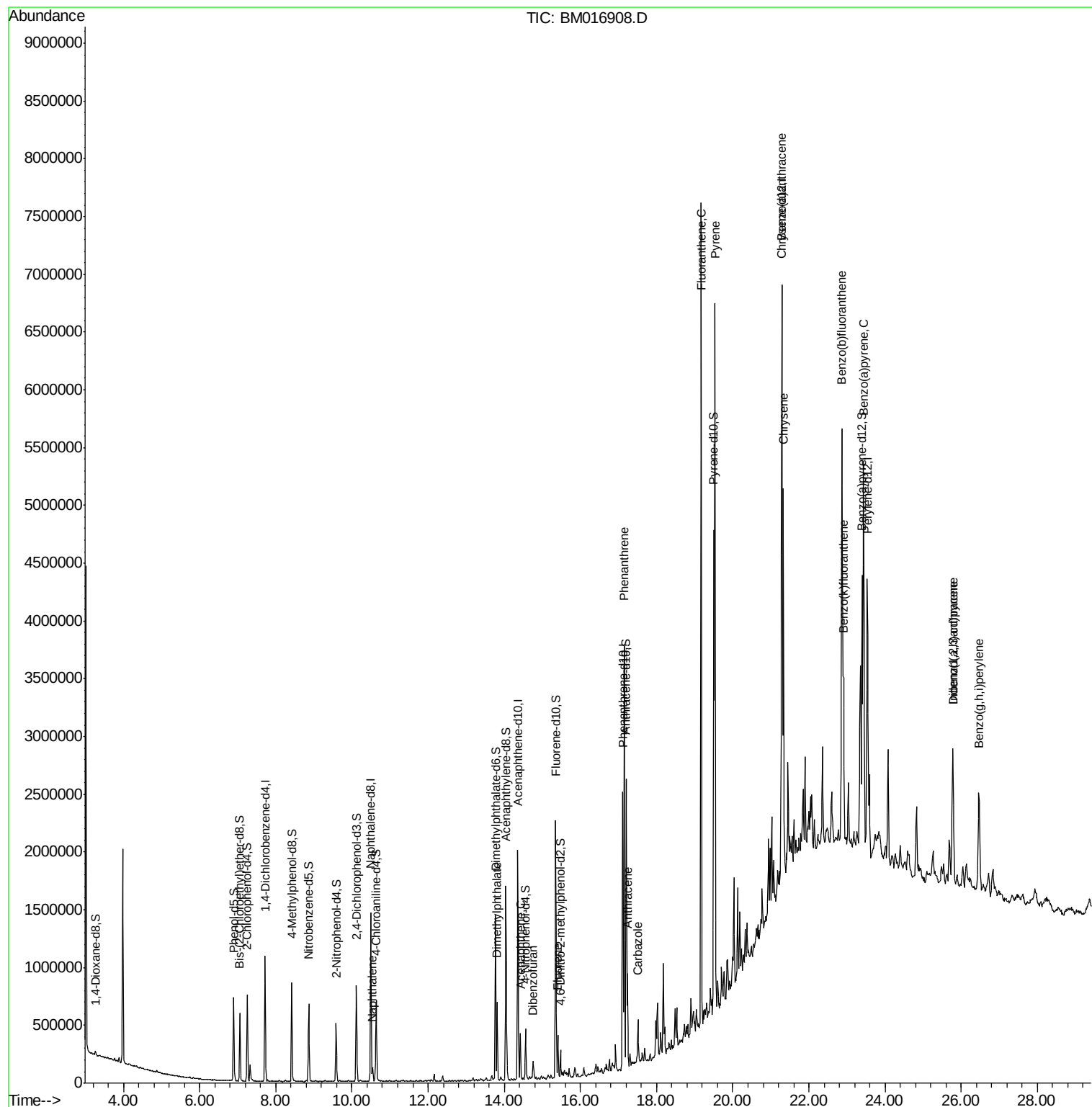
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

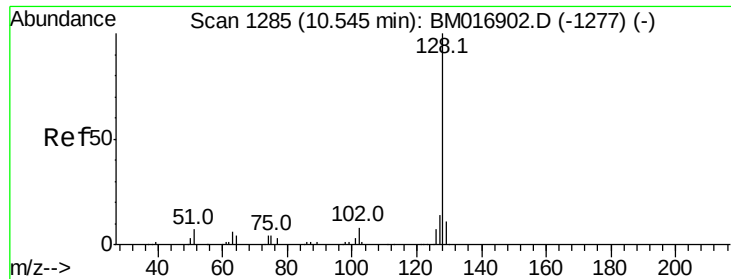
Instrument :
BNA_M
ClientSampled :
E8JD9

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Quant Time: Sep 27 03:38:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





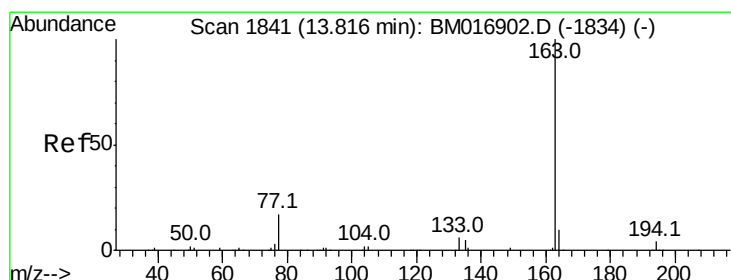
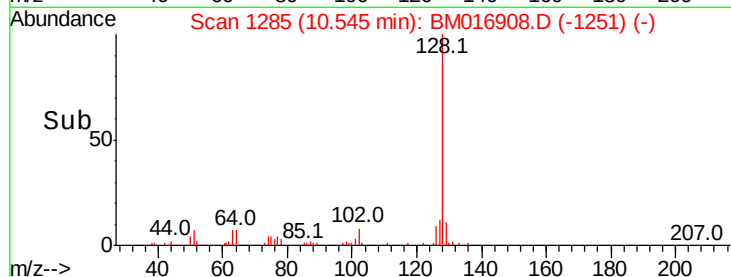
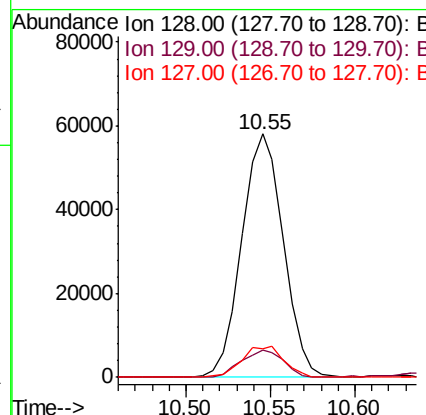
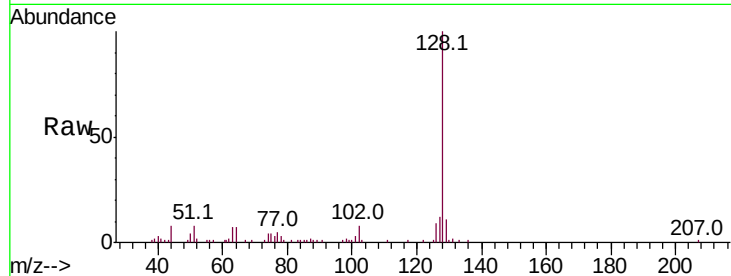
#28
Naphthalene
Concen: 1.591 ng/ul
RT: 10.55 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM016908.D
Acq: 26 Sep 2018 20:26

Instrument :
BNA_M
ClientSampleId :
E8JD9

Tot Ion:128	Resp:	99585
Ion Ratio	Lower	Upper
128 100		
129 11.4	8.3	12.5
127 12.0	10.8	16.2

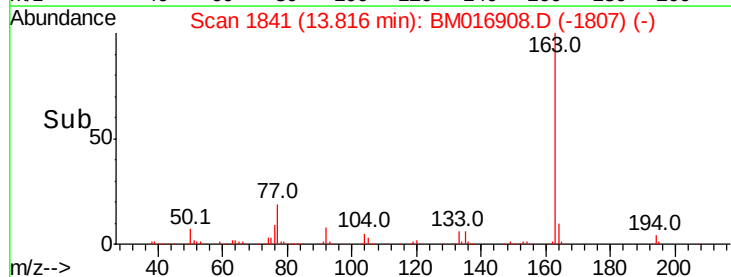
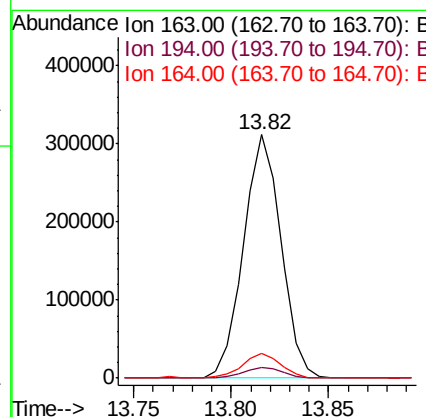
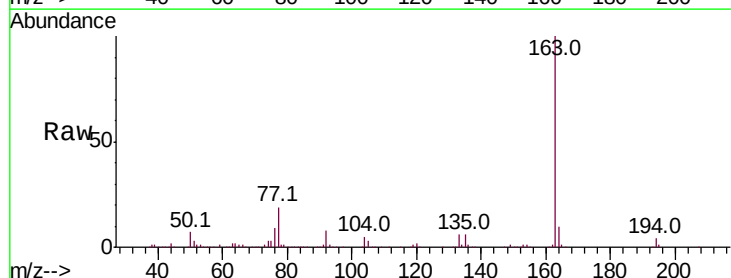
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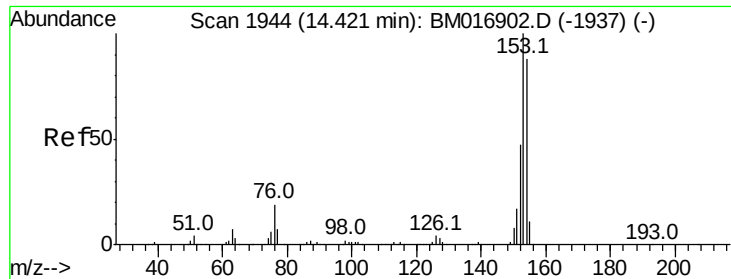
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#45
Dimethylphthalate
Concen: 8.121 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM016908.D
Acq: 26 Sep 2018 20:26

Tgt Ion:163	Resp:	415796
Ion Ratio	Lower	Upper
163 100		
194 4.3	4.0	6.0
164 10.0	8.4	12.6





#50

Acenaphthene

Concen: 3.615 ng/ul

RT: 14.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Instrument :

BNA_M

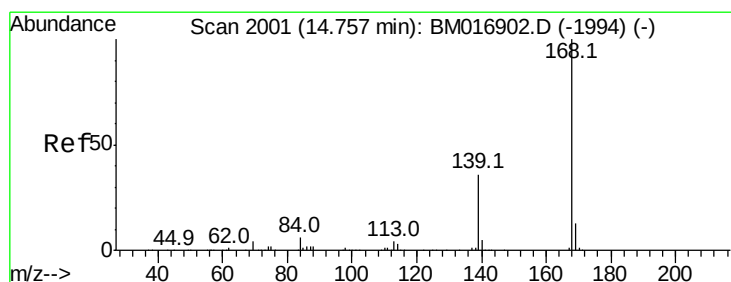
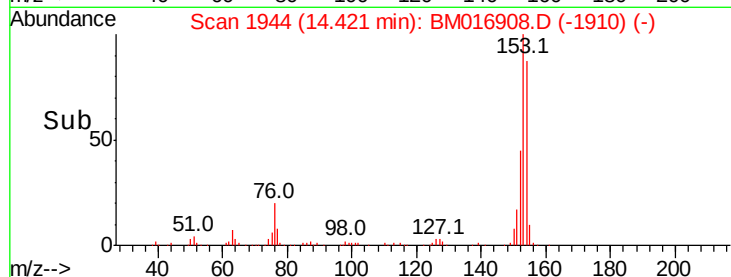
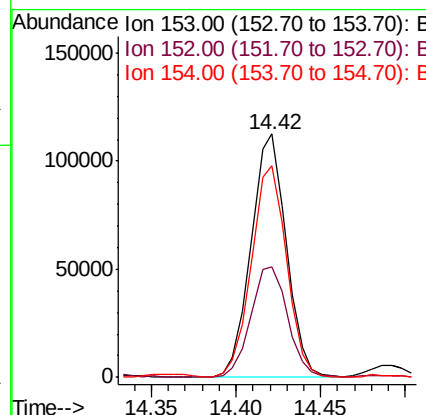
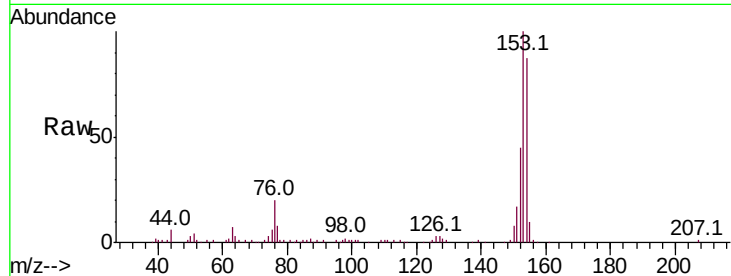
ClientSampled :

E8JD9

Tot Ion:	153	Resp:	164360
Ion	Ratio	Lower	Upper
153	100		
152	45.5	37.9	56.9
154	87.0	69.8	104.6

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#54

Dibenzofuran

Concen: 1.498 ng/ul

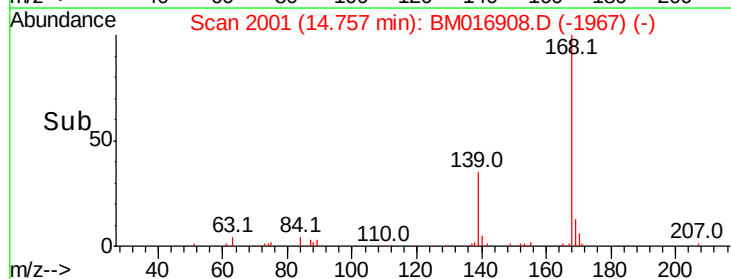
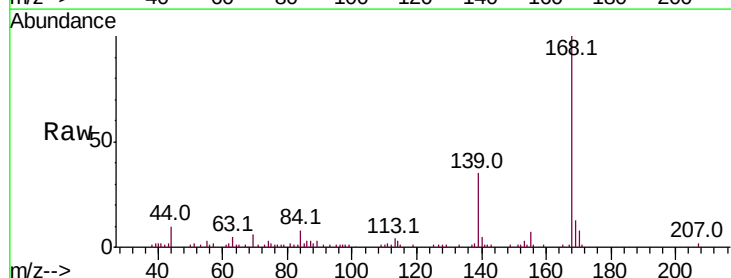
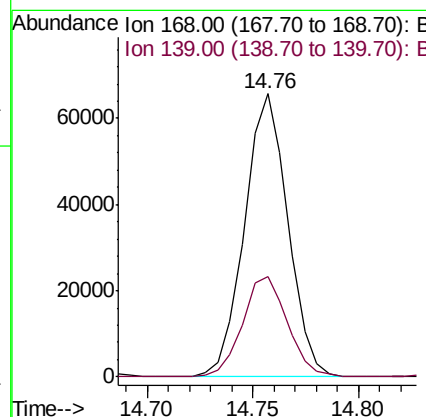
RT: 14.76 min Scan# 2001

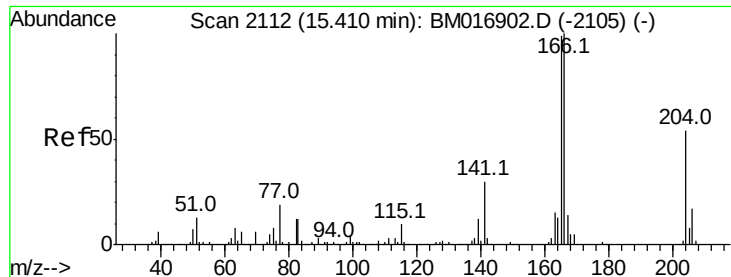
Delta R.T. 0.00 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Tgt Ion:	168	Resp:	93472
Ion	Ratio	Lower	Upper
168	100		
139	35.4	31.0	46.4





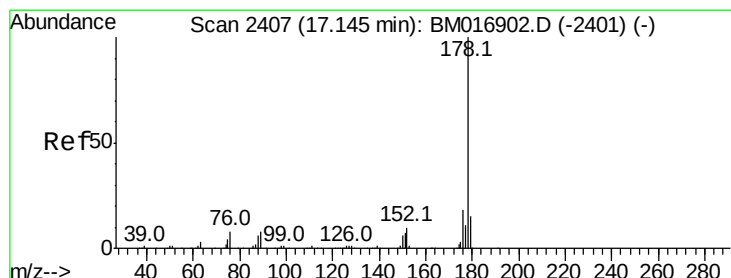
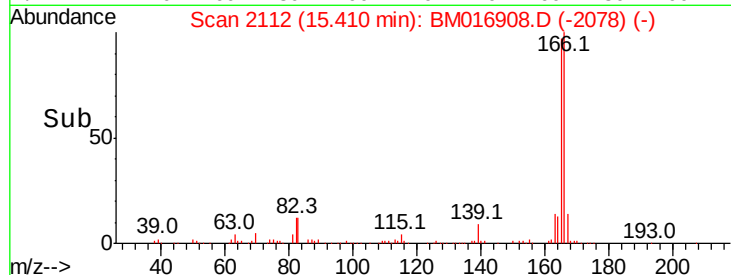
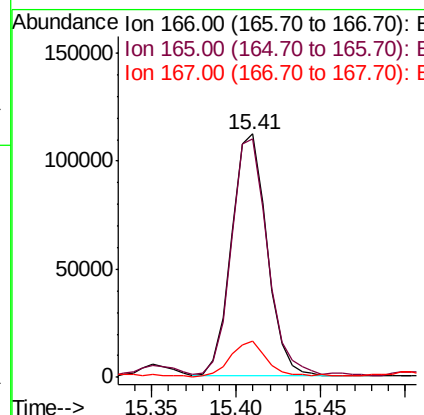
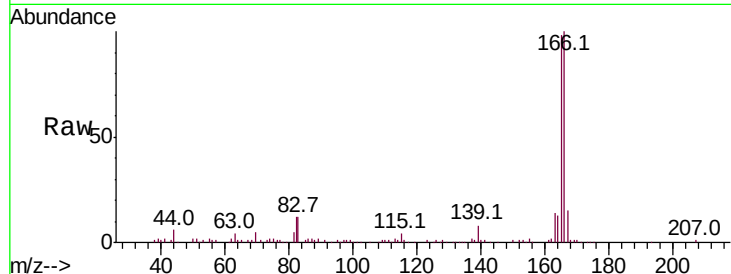
#59
 Fluorene
 Concen: 3.199 ng/ul
 RT: 15.41 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM016908.D
 Acq: 26 Sep 2018 20:26

Instrument :
 BNA_M
 ClientSampleID :
 E8JD9

Tot Ion	Ratio	Resp	Lower	Upper
166	100	163943		
165	97.8		78.4	117.6
167	14.7		11.1	16.7

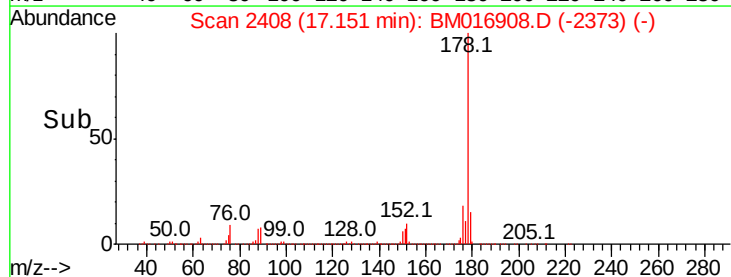
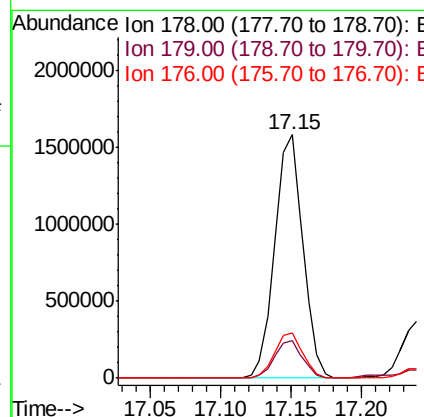
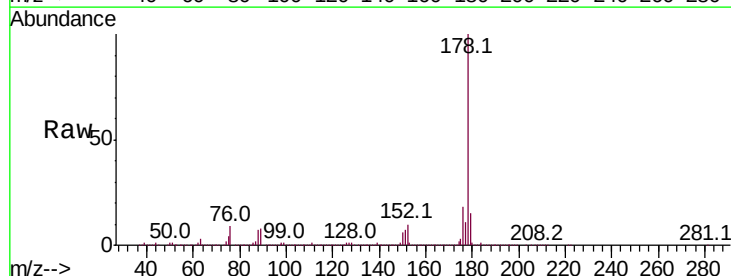
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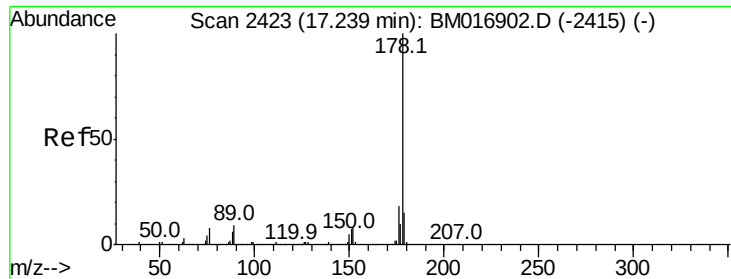
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#70
 Phenanthrene
 Concen: 27.676 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BM016908.D
 Acq: 26 Sep 2018 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2212883		
179	15.2		12.3	18.5
176	18.4		15.4	23.0





#72

Anthracene

Concen: 6.177 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Instrument :

BNA_M

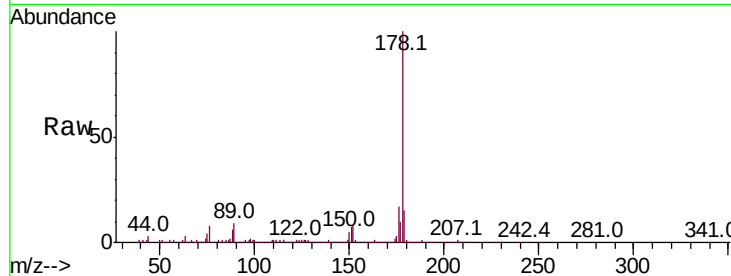
ClientSampleId :

E8JD9

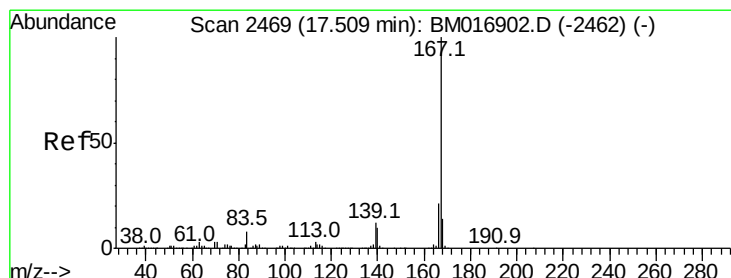
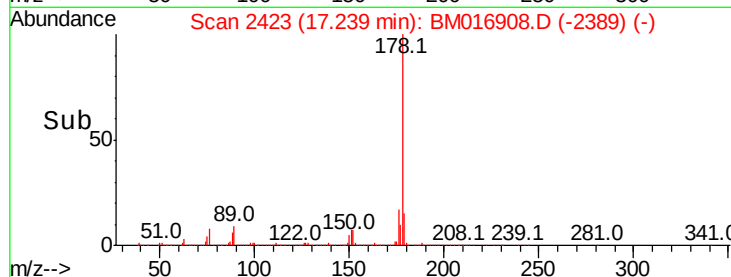
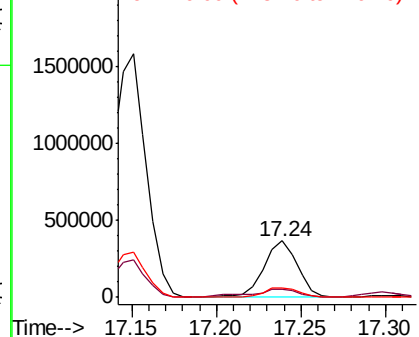
Tot Ion:	178	Resp:	507036
Ion Ratio	Lower	Upper	
178	100		
179	14.9	13.4	20.2
176	17.5	15.4	23.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 3.289 ng/ul

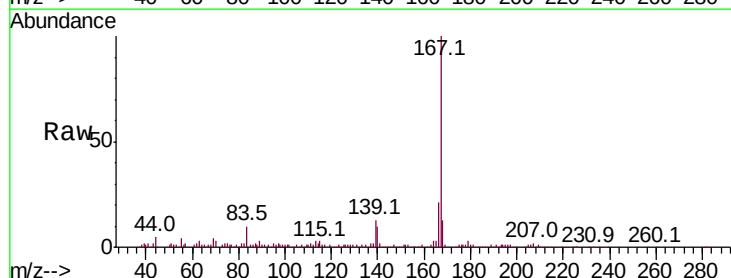
RT: 17.51 min Scan# 2469

Delta R.T. 0.00 min

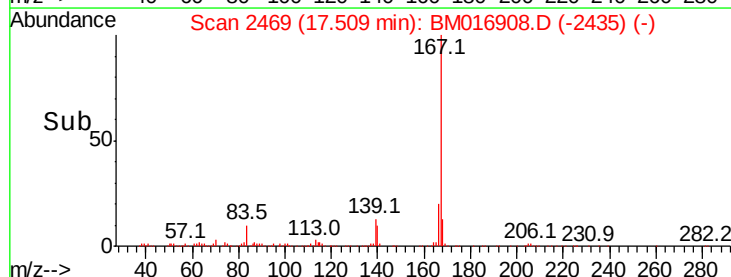
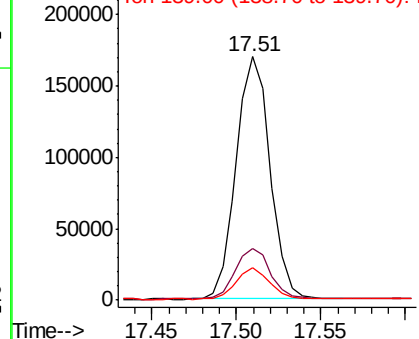
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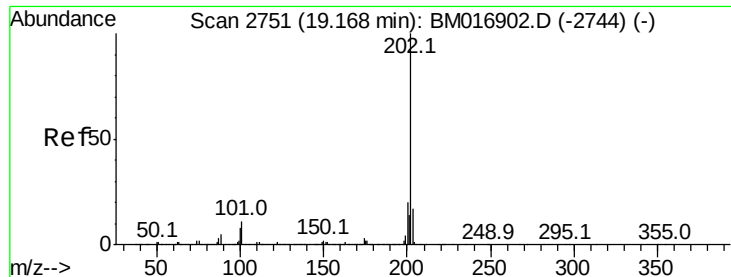
Acq: 26 Sep 2018 20:26

Tgt Ion:	167	Resp:	237365
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.0	25.4
139	13.2	9.1	13.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





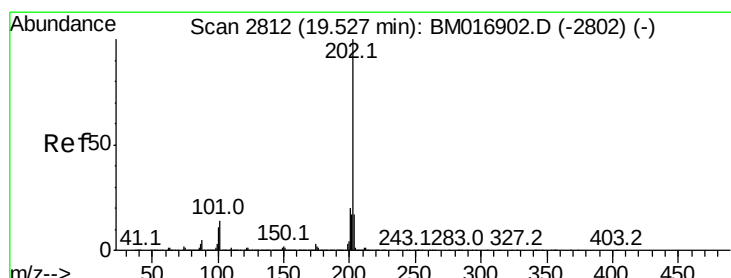
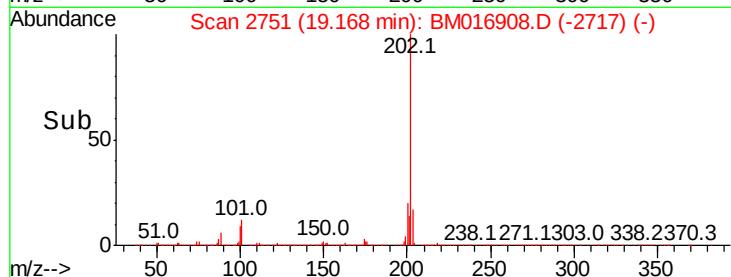
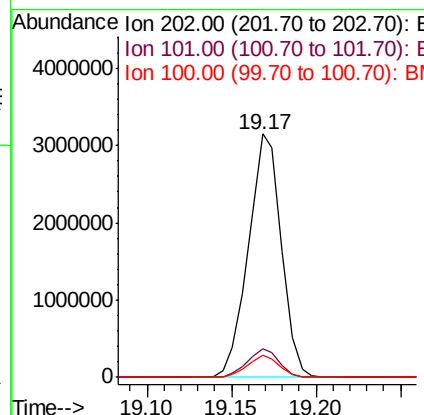
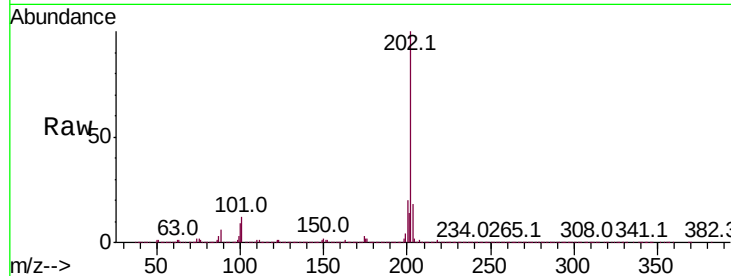
#77
Fluoranthene
Concen: 46.432 ng/ul
RT: 19.17 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BM016908.D
Acq: 26 Sep 2018 20:26

Instrument :
BNA_M
ClientSampleId :
E8JD9

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	6.1	9.1#
100	9.1	4.6	7.0#

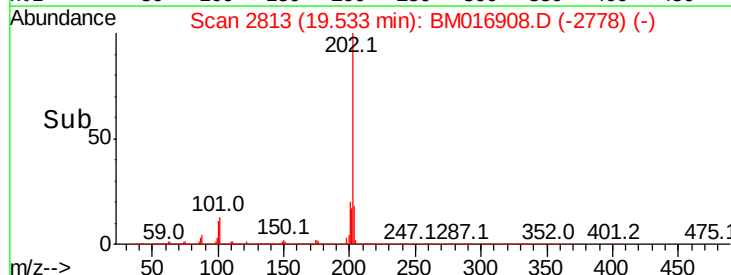
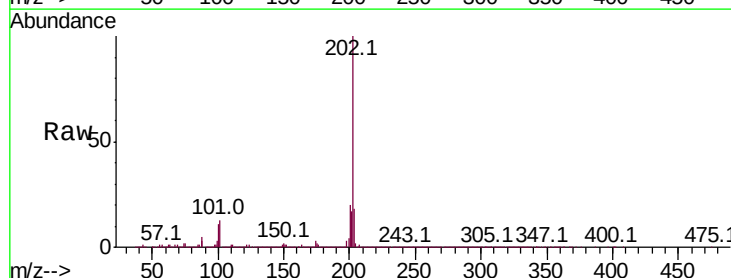
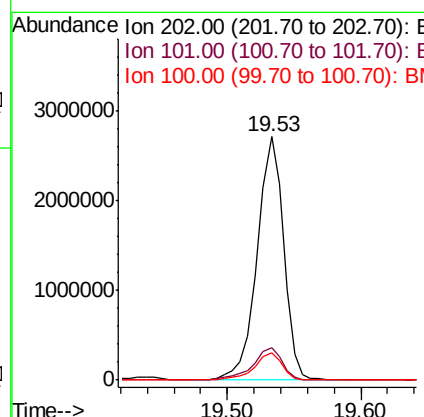
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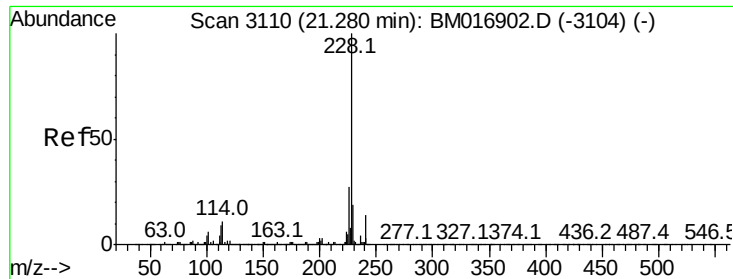
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#80
Pyrene
Concen: 37.934 ng/ul
RT: 19.53 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BM016908.D
Acq: 26 Sep 2018 20:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	11.0	5.6	8.4#





#83

Benzo(a)anthracene

Concen: 19.776 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Instrument :

BNA_M

ClientSampled :

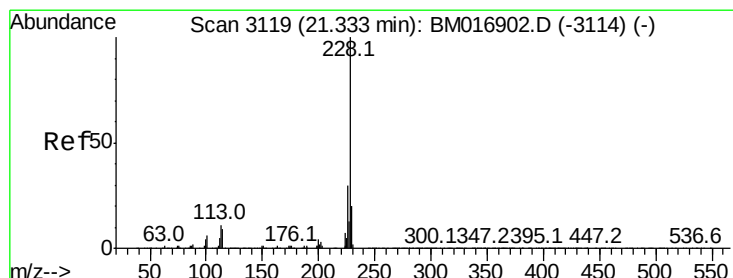
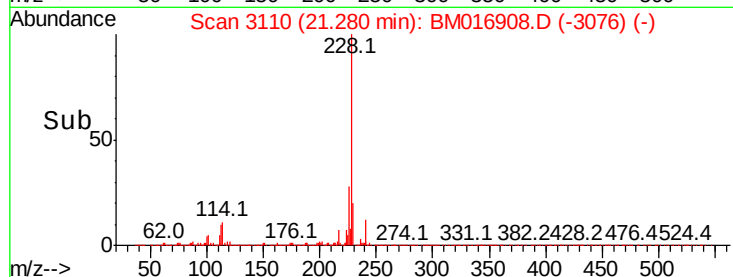
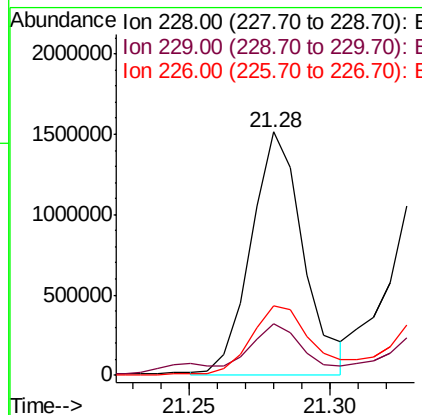
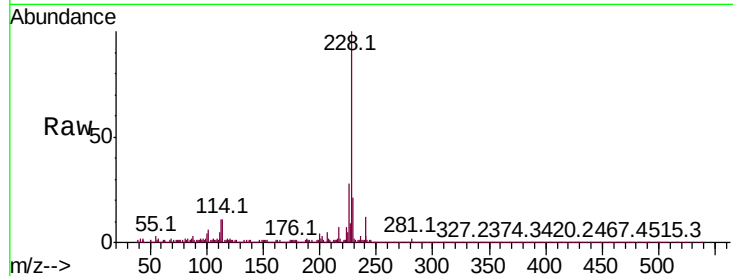
E8JD9

Tot Ion:	228	Resp:	1943561
Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	28.4	21.8	32.8

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#85

Chrysene

Concen: 19.538 ng/ul

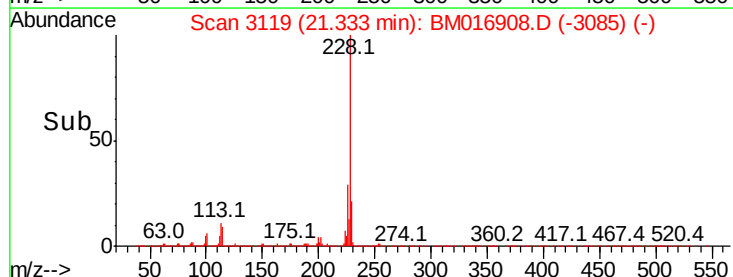
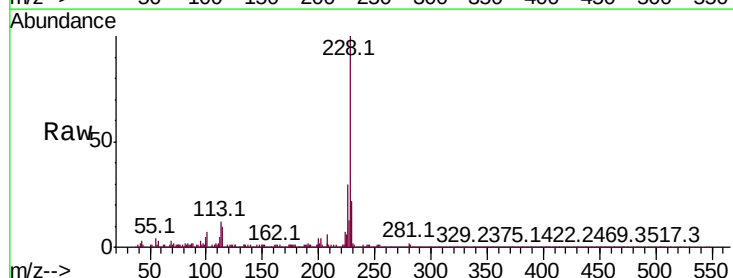
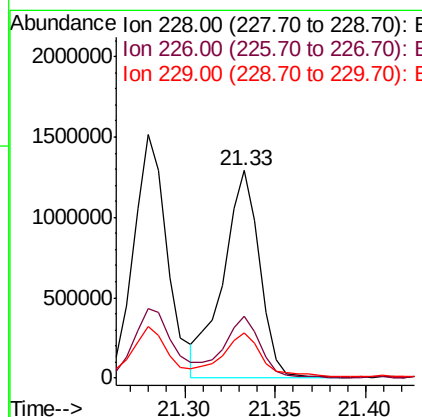
RT: 21.33 min Scan# 3119

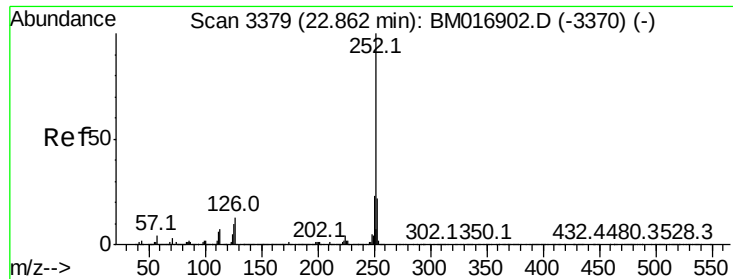
Delta R.T. 0.00 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Tgt Ion:	228	Resp:	1790713
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	22.0	16.0	24.0





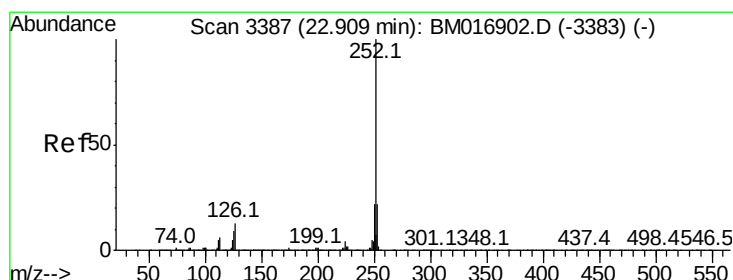
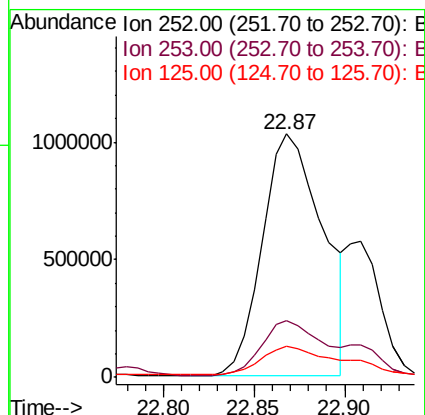
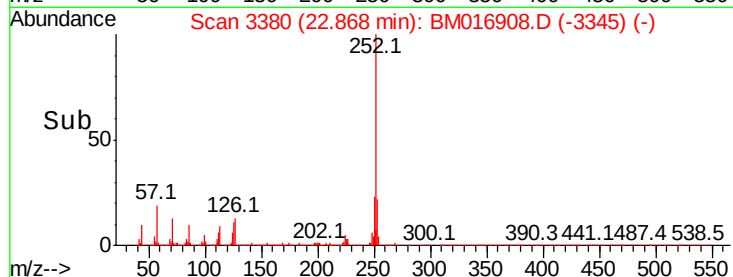
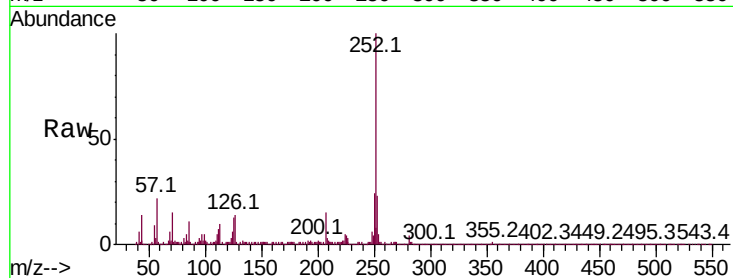
#88
Benzo(b)fluoranthene
Concen: 23.194 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. 0.01 min
Lab File: BM016908.D
Acq: 26 Sep 2018 20:26

Instrument :
BNA_M
ClientSampled :
E8JD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	12.6	4.9	7.3#

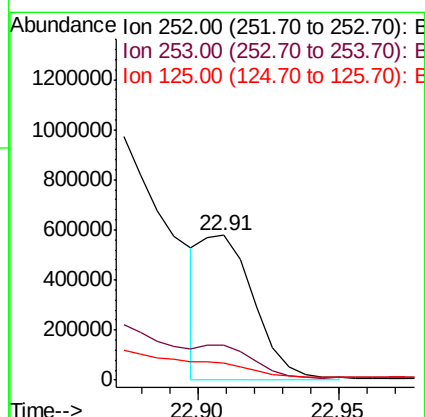
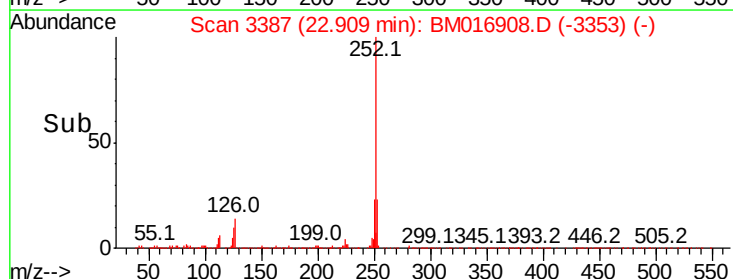
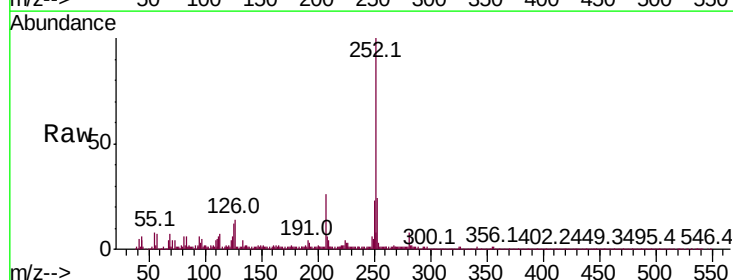
Manual Integrations
APPROVED

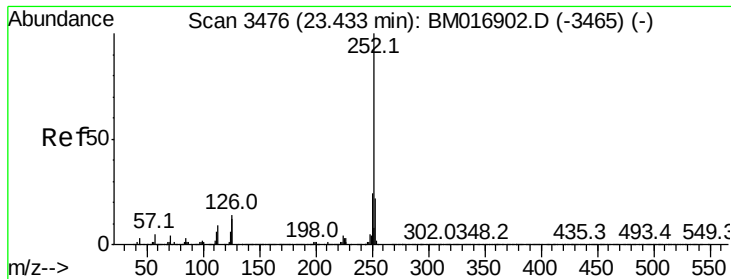
Sohil
9/27/2018 5:26:32 PM



#89
Benzo(k)fluoranthene
Concen: 7.532 ng/ul m
RT: 22.91 min Scan# 3387
Delta R.T. 0.00 min
Lab File: BM016908.D
Acq: 26 Sep 2018 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	12.2	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 17.698 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. 0.01 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Instrument :

BNA_M

ClientSampleId :

E8JD9

Tot Ion:252 Resp: 1746909

Ion Ratio Lower Upper

252 100

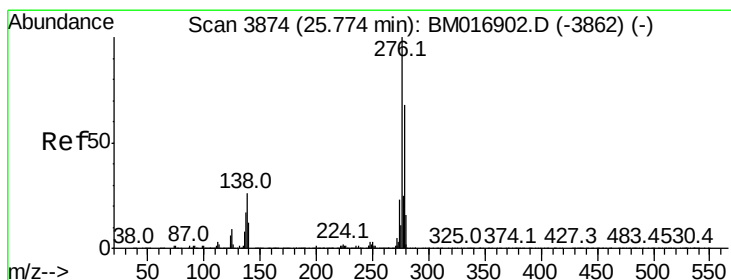
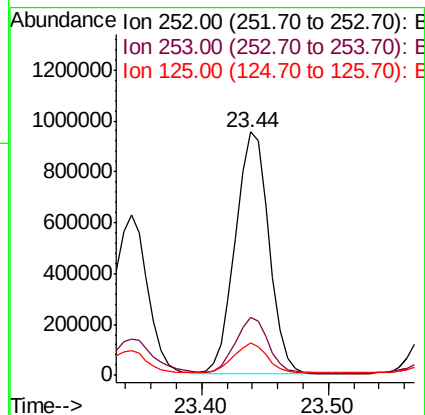
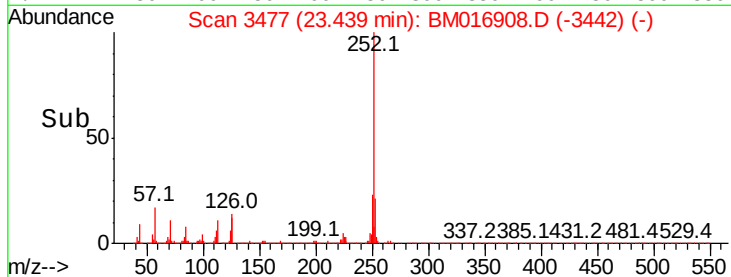
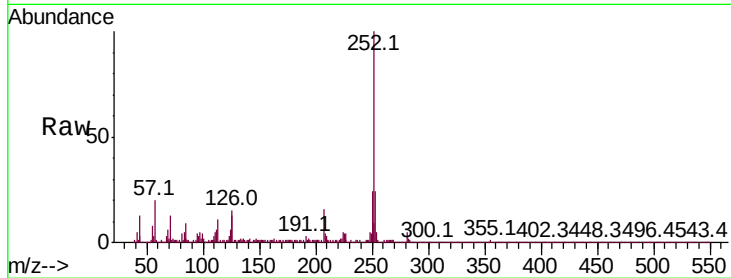
253 23.7 17.2 25.8

125 13.3 5.8 8.6#

Manual Integrations
APPROVED

Sohil

9/27/2018 5:26:32 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 9.616 ng/ul

RT: 25.78 min Scan# 3875

Delta R.T. 0.01 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

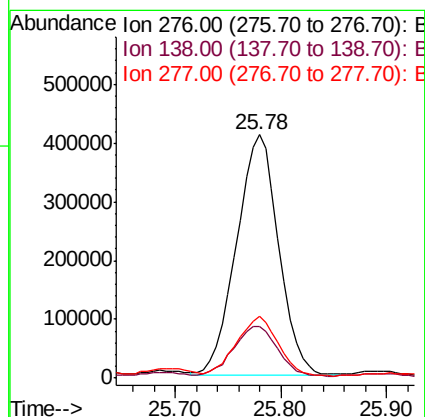
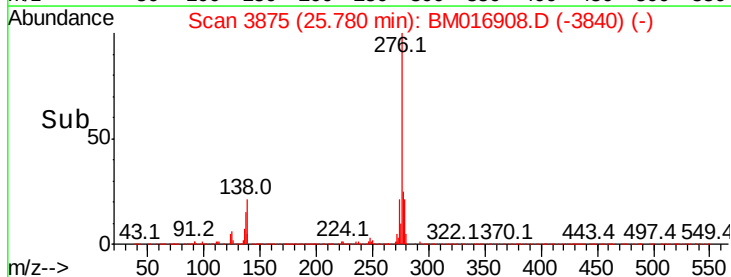
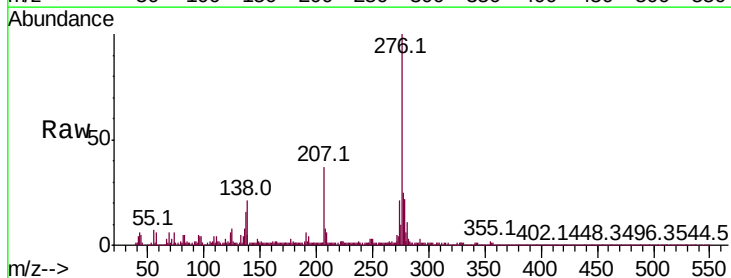
Tgt Ion:276 Resp: 1132316

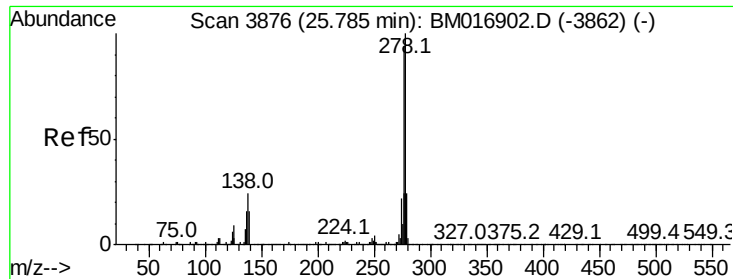
Ion Ratio Lower Upper

276 100

138 21.2 10.9 16.3#

277 25.2 18.9 28.3





#93

Dibenzo(a,h)anthracene

Concen: 2.839 ng/ul

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Instrument :

BNA_M

ClientSampleId :

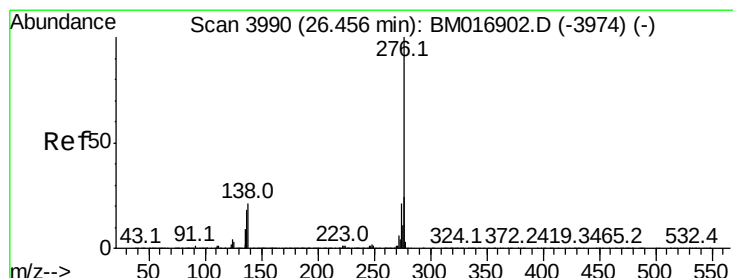
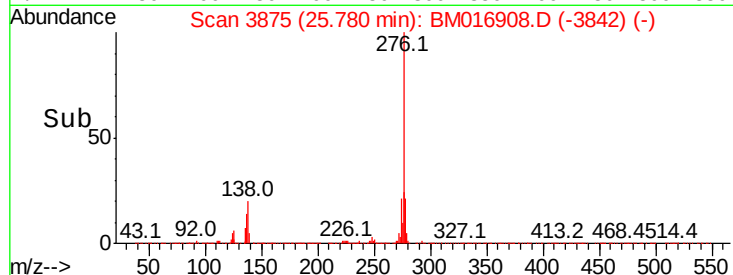
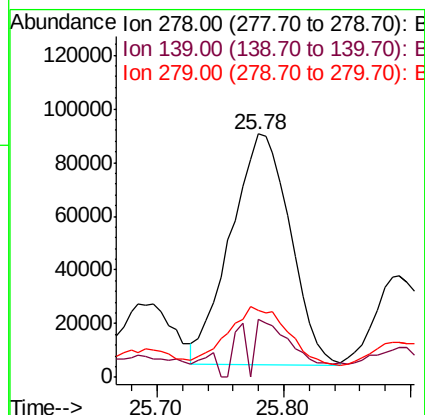
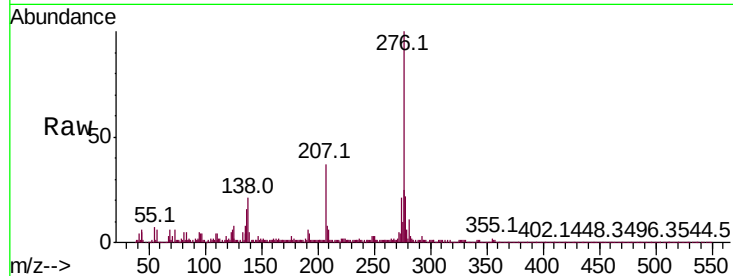
E8JD9

Tot Ion:	278	Resp:	279597
Ion Ratio	Lower	Upper	
278	100		
139	24.0	9.0	13.4#
279	27.3	19.1	28.7

Manual Integrations
APPROVED

Sohil

9/27/2018 5:26:32 PM



#94

Benzo(g,h,i)perylene

Concen: 10.864 ng/ul

RT: 26.47 min Scan# 3992

Delta R.T. 0.01 min

Lab File: BM016908.D

Acq: 26 Sep 2018 20:26

Tgt Ion:	276	Resp:	1060773
Ion Ratio	Lower	Upper	
276	100		
138	21.6	11.2	16.8#
277	24.4	19.0	28.6

