

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016204.D
 Acq On : 06 Aug 2018 23:00
 Operator : SJ/JU
 Sample : J4318-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

Manual Integrations
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 8/7/2018 6:56:22 PM

Quant Time: Aug 07 04:45:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	33744	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	130270	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	68980	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	147376	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	176195	20.00	ng	-0.04
86) Perylene-d12	24.02	264	186119	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	139826	68.83	ng	-0.05
7) Phenol-d6	7.33	99	169549	63.91	ng	-0.05
23) Nitrobenzene-d5	9.36	82	149589	53.41	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	48381	55.30	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	284650	50.21	ng	-0.06
78) Terphenyl-d14	20.11	244	468303	55.64	ng	-0.05
Target Compounds						
70) Phenanthrene	17.58	178	38320	4.644	ng	Qvalue 99
74) Fluoranthene	19.57	202	128678	13.981	ng	99
77) Pyrene	19.93	202	106309	10.068	ng	99
80) Benzo(a)anthracene	21.64	228	52574	4.845	ng	97
82) Chrysene	21.70	228	65672	6.309	ng	92
83) Bis(2-ethylhexyl)phthalate	21.53	149	68404	8.799	ng	# 89
85) Indeno(1,2,3-cd)pyrene	26.41	276	51837	4.196	ng	# 95
87) Benzo(b)fluoranthene	23.30	252	97924	8.936	ng	# 96
88) Benzo(k)fluoranthene	23.34	252	34519m	3.108	ng	
89) Benzo(a)pyrene	23.91	252	54240	5.149	ng	96
91) Benzo(g,h,i)perylene	27.16	276	53302	5.163	ng	# 93

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

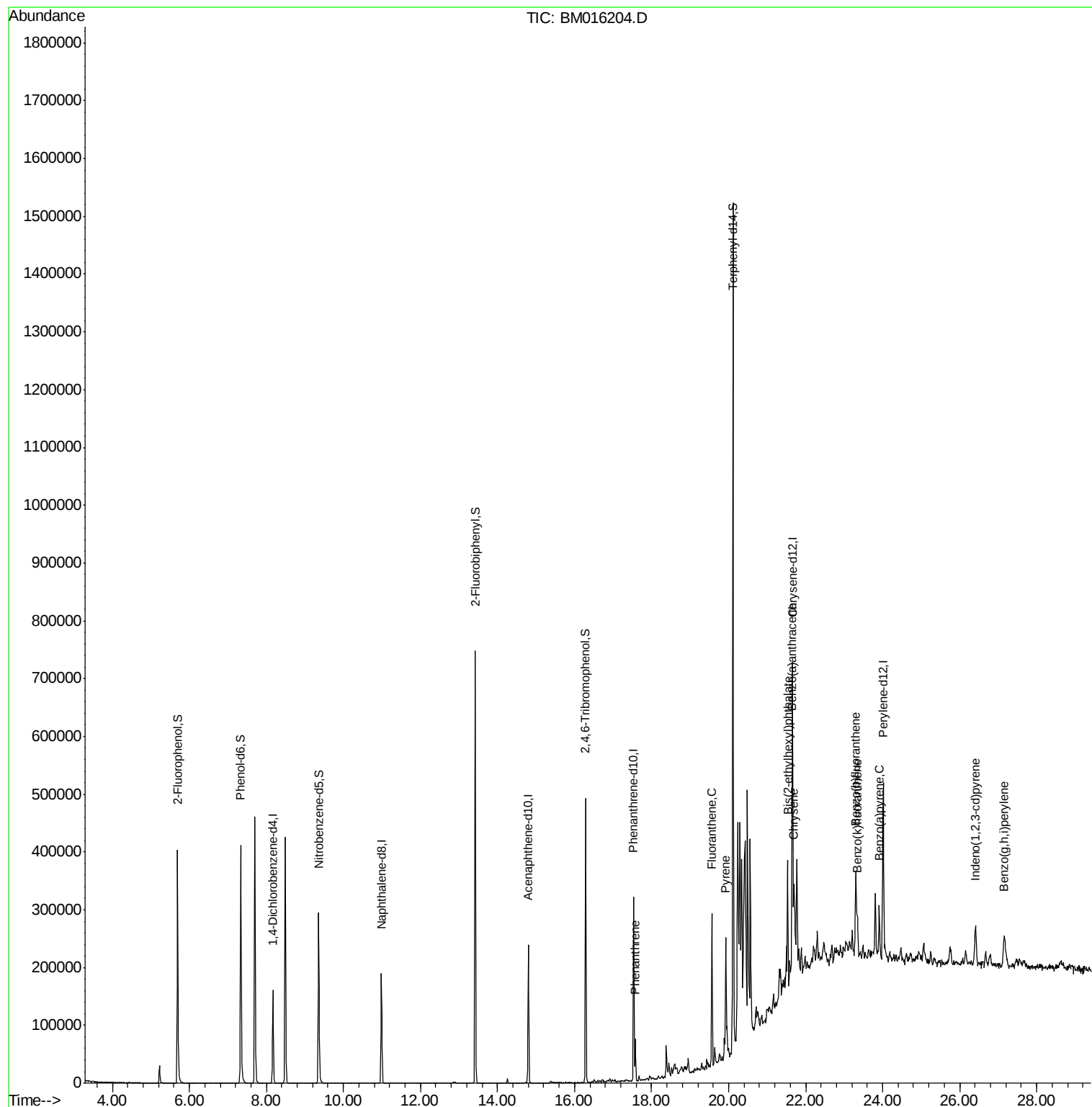
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
Data File : BM016204.D
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Operator : SJ/JU
Sample : J4318-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

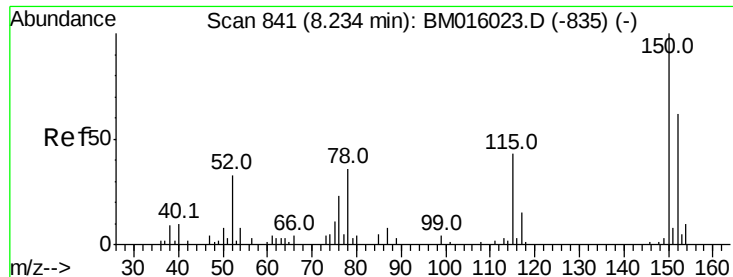
Instrument :
BNA_M
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BEEBEE-SITE-DEMO-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

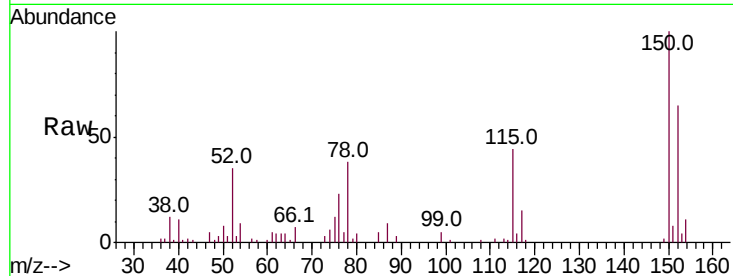
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.06 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Instrument :
BNA_M
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	119.5	179.3
115	67.8	43.0	64.4

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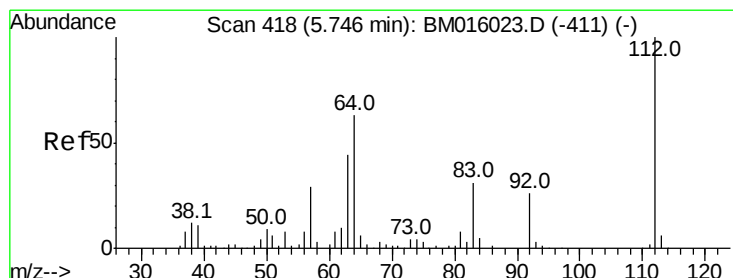
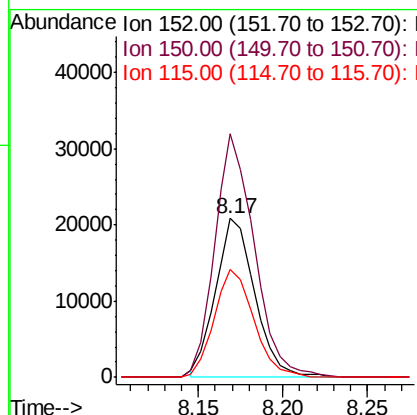
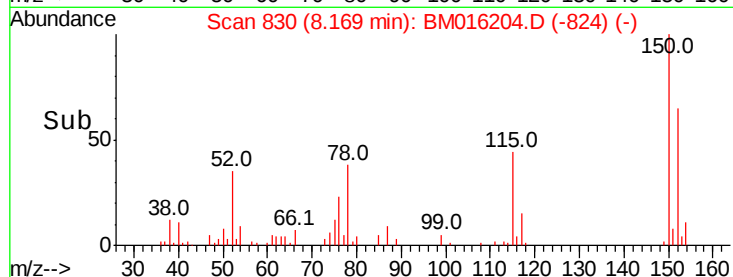


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

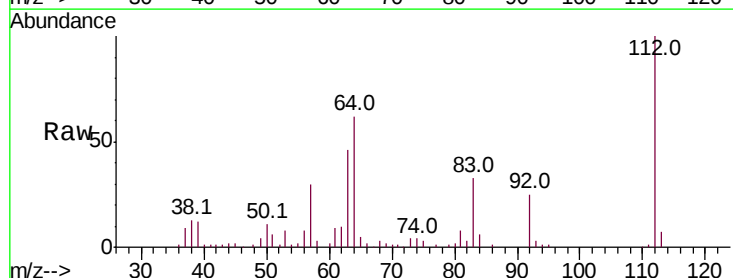
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. -0.05 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	38.6	57.8
63	46.3	19.3	28.9

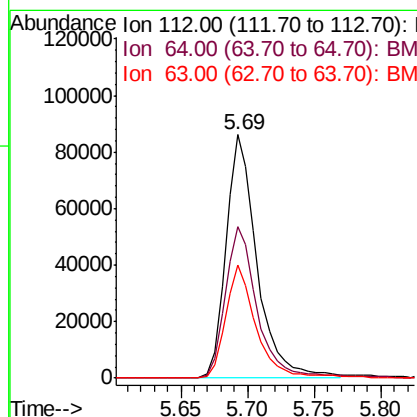
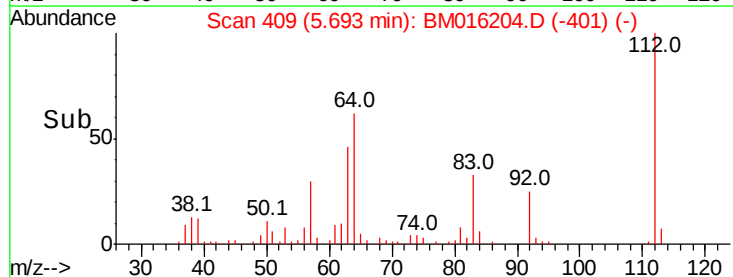


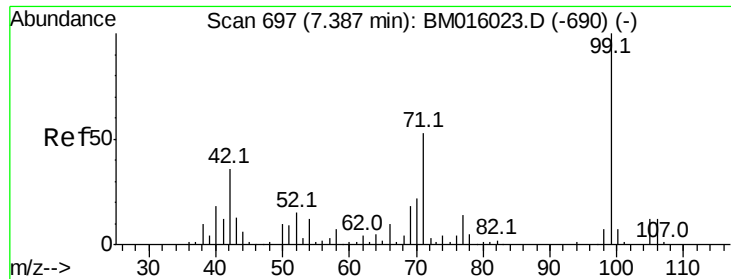
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016204.D

Acq: 06 Aug 2018 23:00

Instrument :

BNA_M

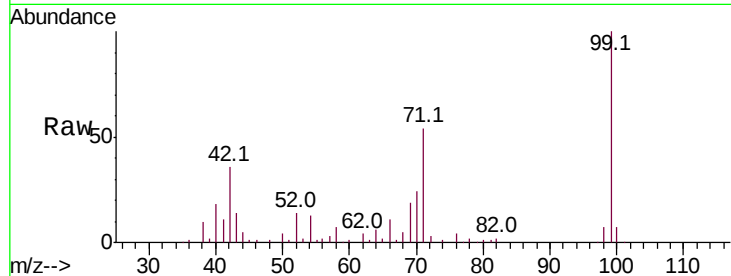
ClientSampleId :

BEEBEE-SITE-DEMO-2

Tot Ion:	99	Resp:	169549
Ion Ratio	Lower	Upper	
99	100		
42	35.8	11.0	16.4#
71	53.6	23.4	35.2#

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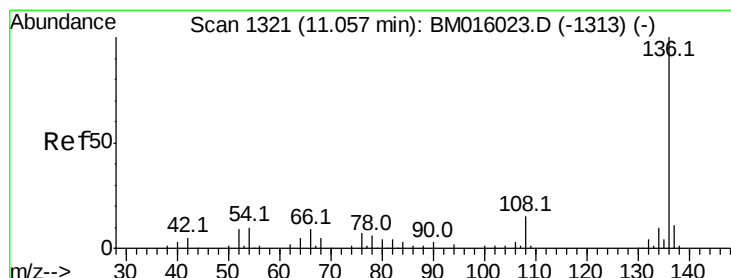
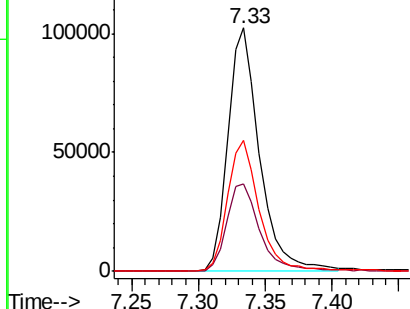
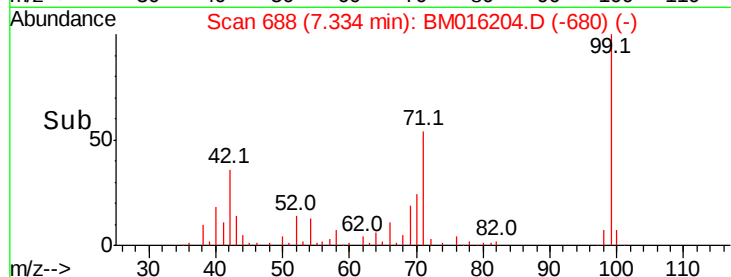
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Abundance Ion 99.00 (98.70 to 99.70): BM016204.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016204.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016204.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

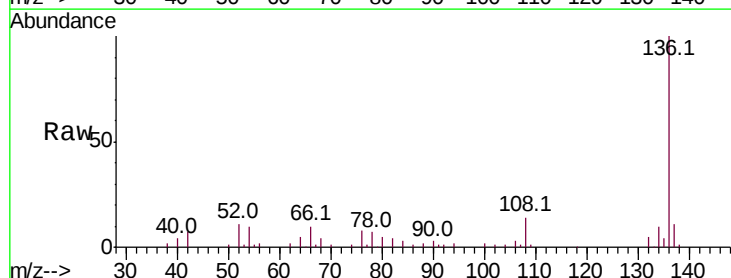
RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016204.D

Acq: 06 Aug 2018 23:00

Tgt Ion:	136	Resp:	130270
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	10.4	4.6	6.8#
68	4.1	3.7	5.5

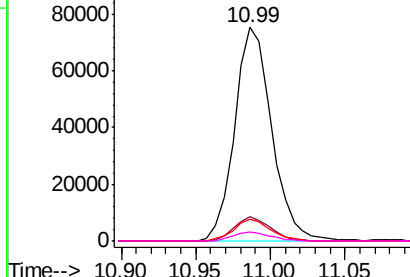
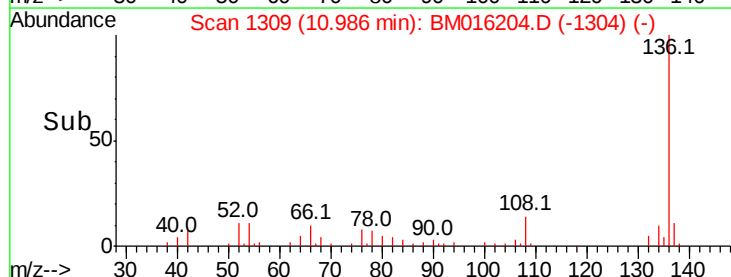


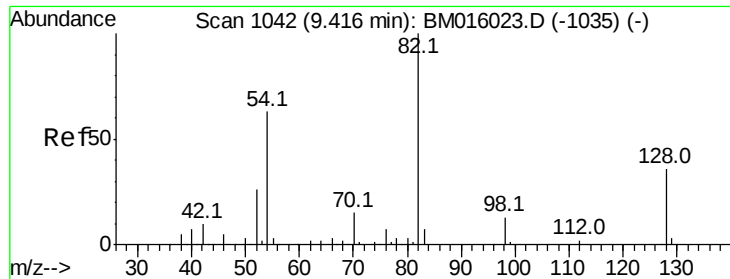
Abundance Ion 136.00 (135.70 to 136.70): BM016204.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016204.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016204.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016204.D (-1304) (-)





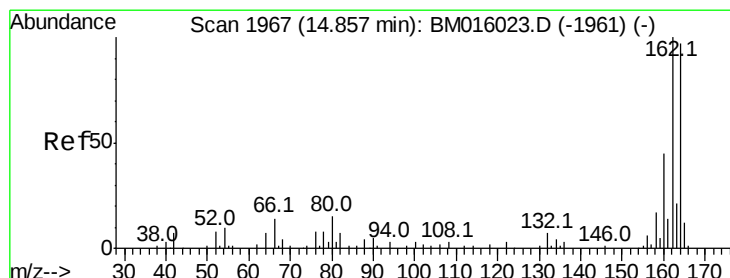
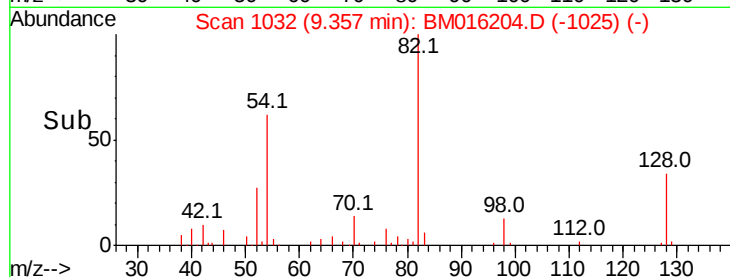
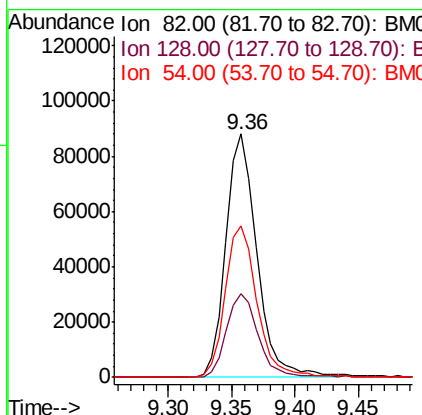
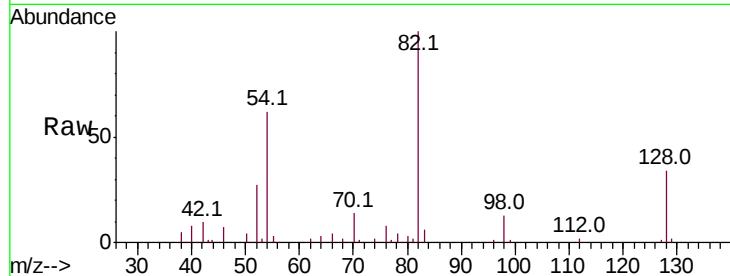
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.36 min Scan# 1032
Delta R.T. -0.06 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Instrument :
BNA_M
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.4	32.8	49.2	
54	62.4	40.6	60.8	

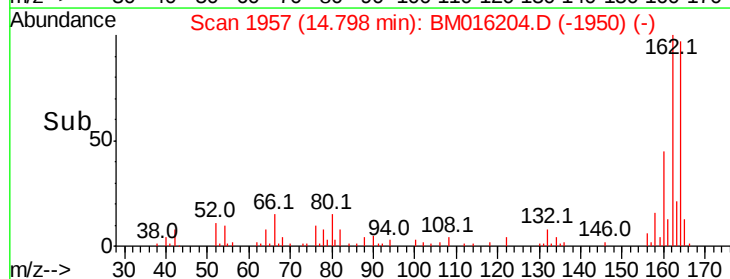
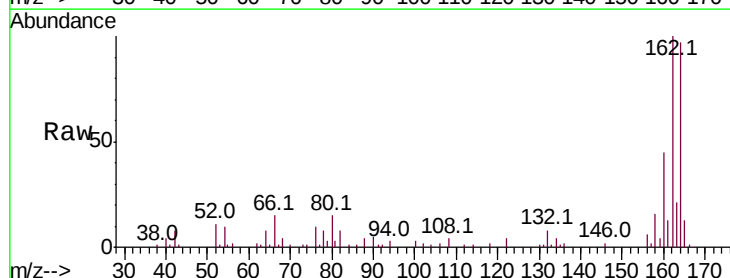
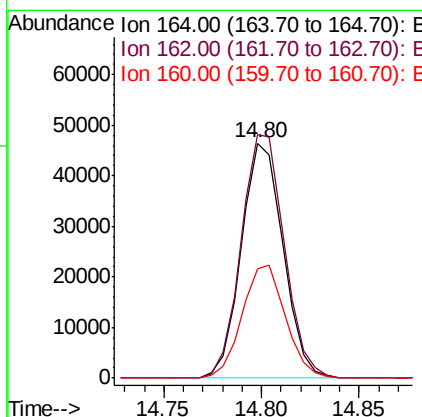
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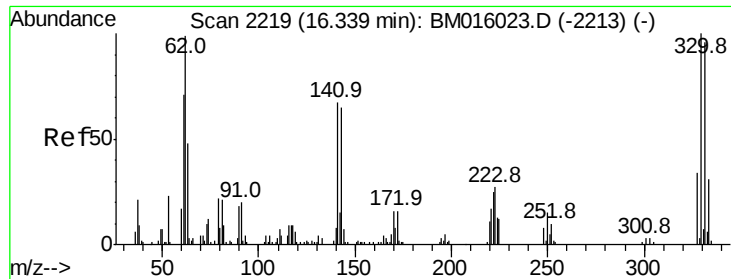
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	82.4	123.6	
160	46.4	35.8	53.6	





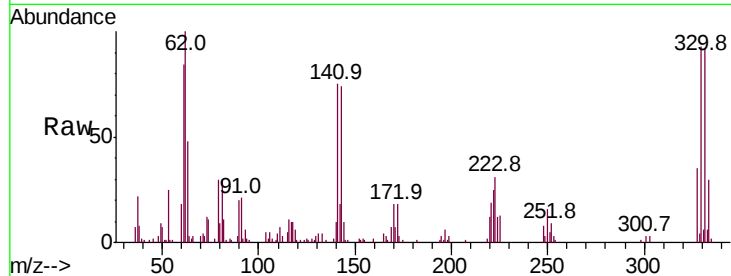
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

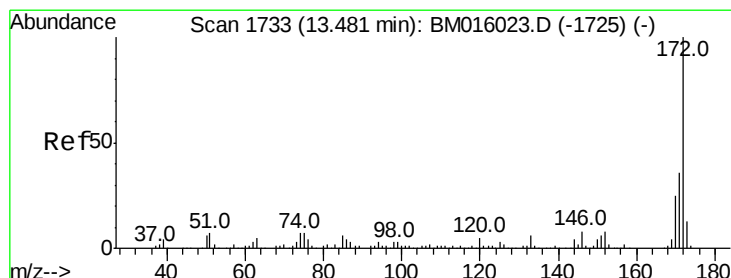
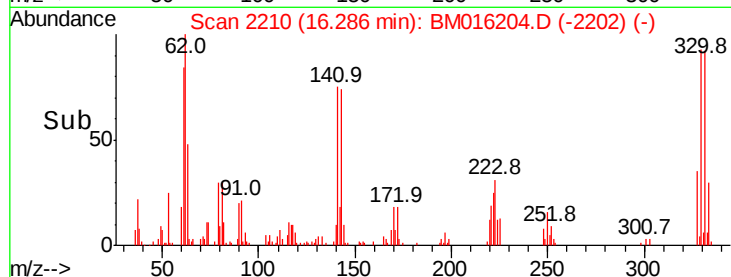
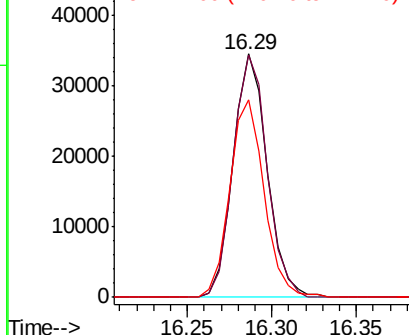
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	99.1	0.0	0.0#
141	81.4	0.0	0.0#

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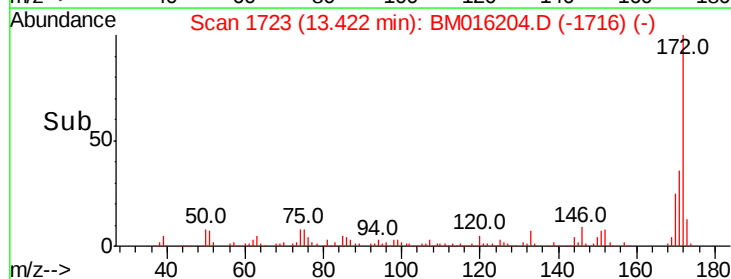
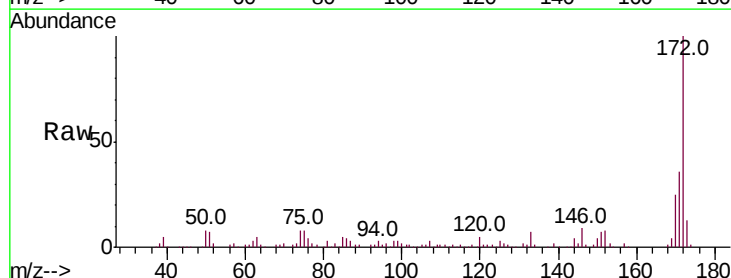
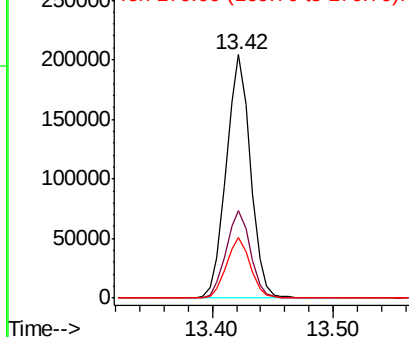
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

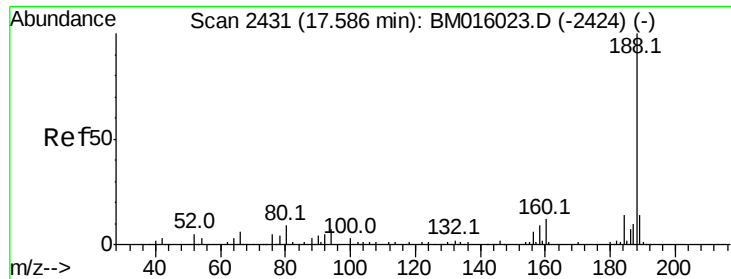


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.8	18.8	28.2

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





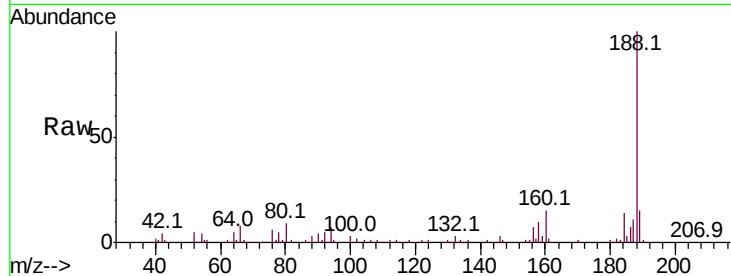
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2422
 Delta R.T. -0.05 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

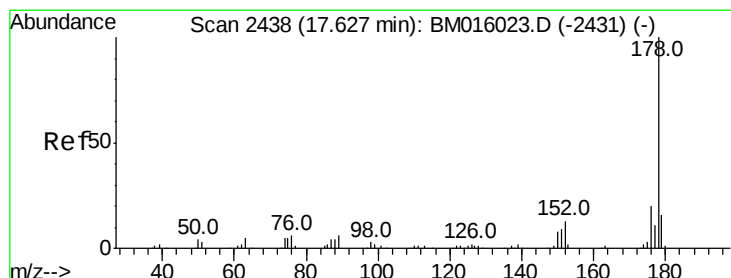
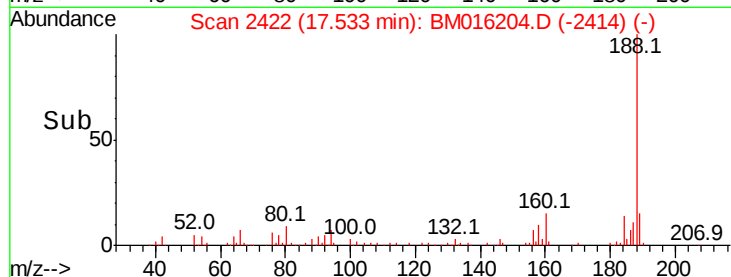
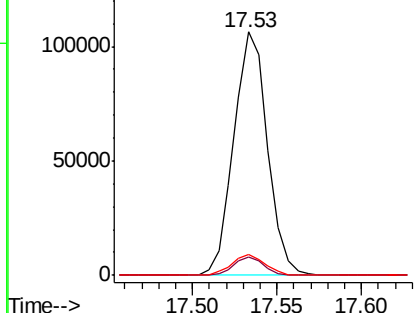
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.8	9.3	13.9#

Manual Integrations
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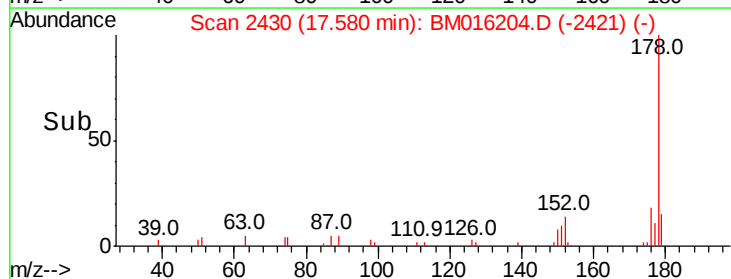
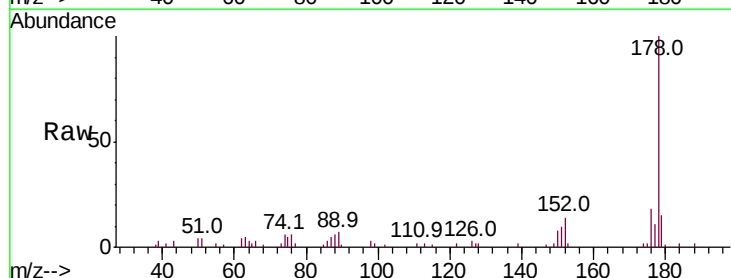
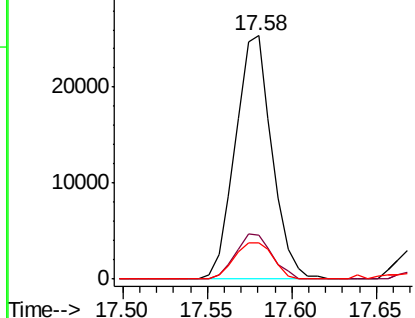
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

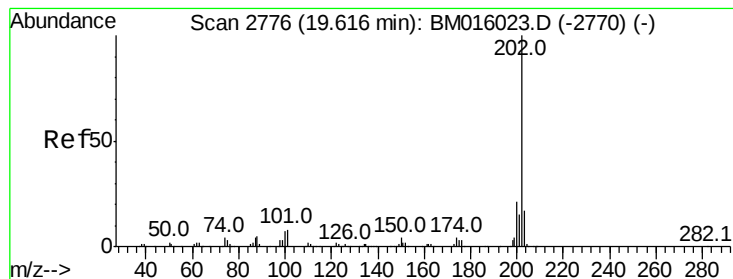


#70
 Phenanthrene
 Concen: 4.644 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. -0.05 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	15.2	22.8
179	14.6	12.1	18.1

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





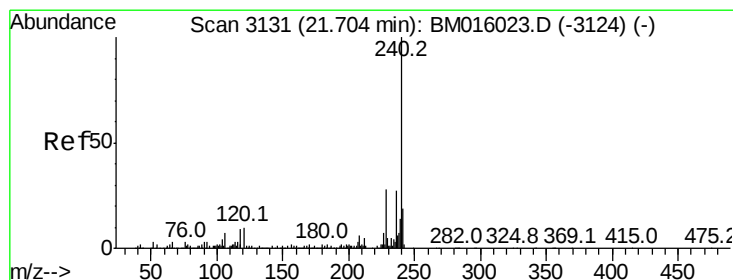
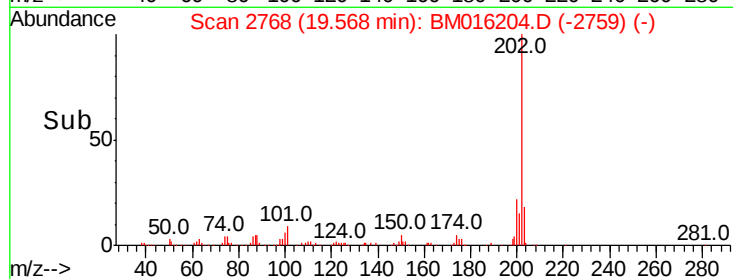
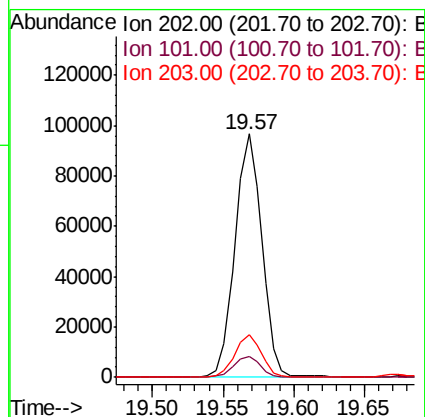
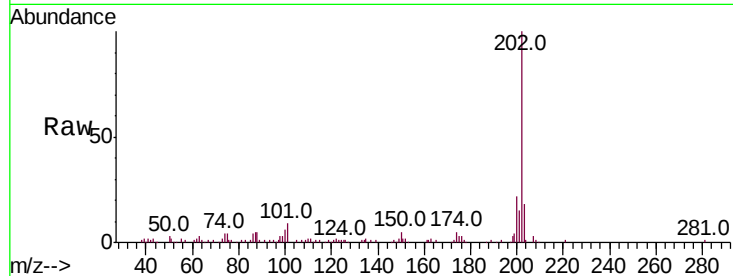
#74
 Fluoranthene
 Concen: 13.981 ng
 RT: 19.57 min Scan# 2768
 Delta R.T. -0.05 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	0.0	28.7
203	17.7	0.0	37.2

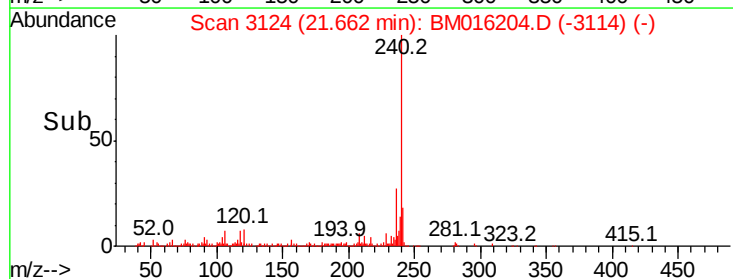
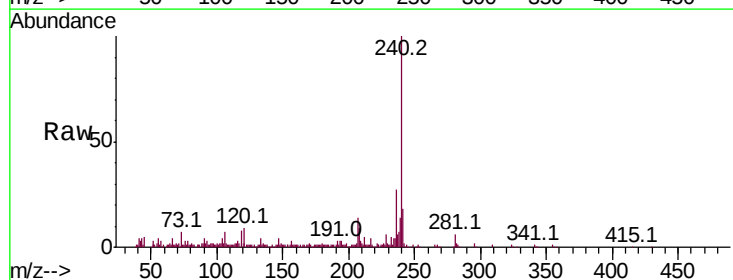
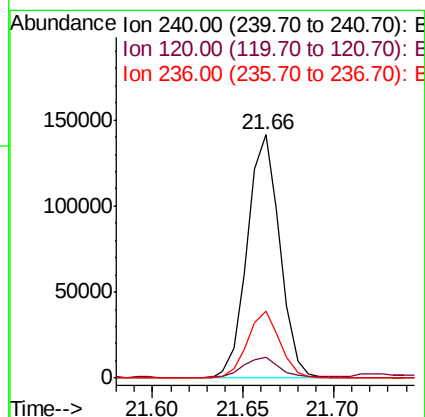
Manual Integrations
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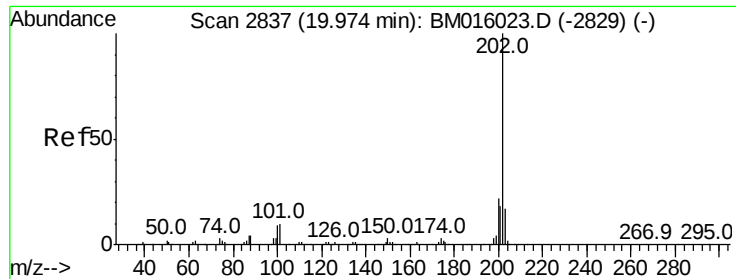
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.04 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	8.2	12.2
236	27.5	20.0	30.0





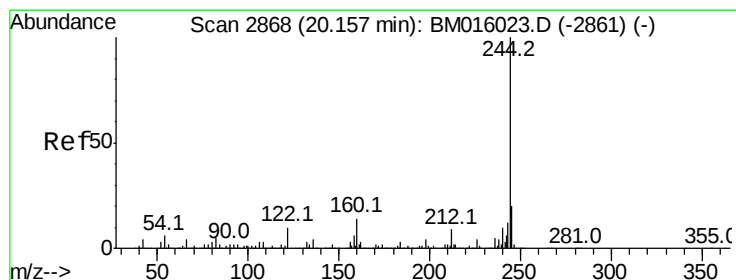
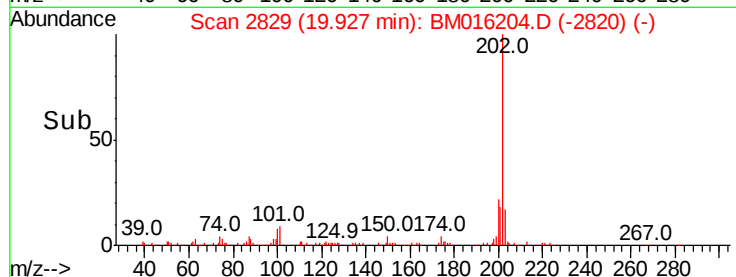
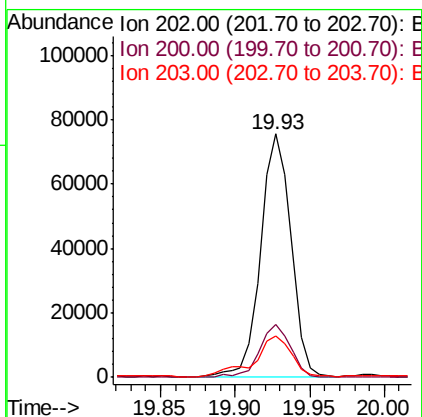
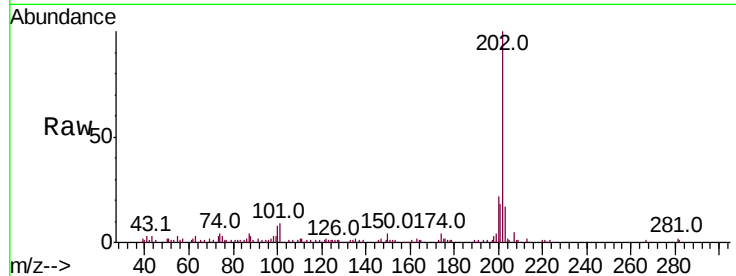
#77
Pvrene
Concen: 10.068 ng
RT: 19.93 min Scan# 2829
Delta R.T. -0.05 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Instrument :
BNA_M
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion:	202	Resp:	106309
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.9	25.3
203	17.1	14.1	21.1

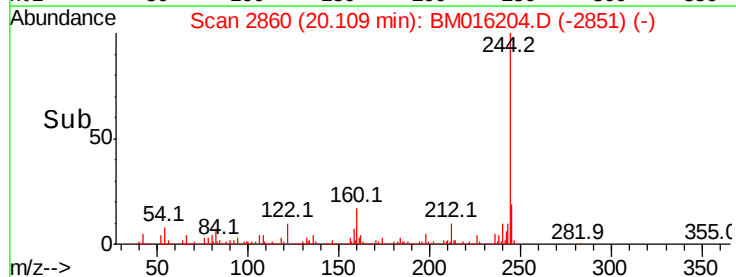
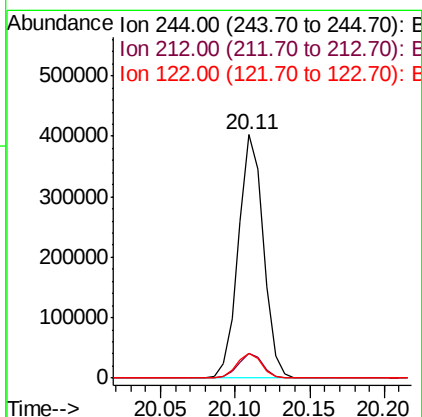
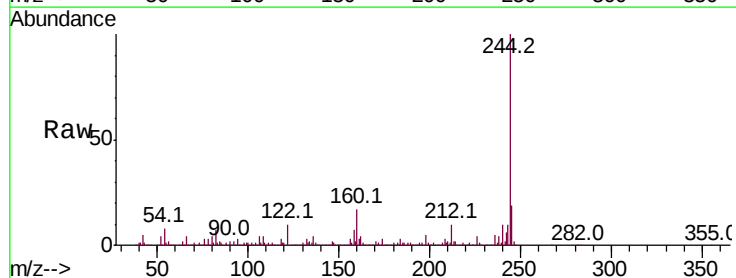
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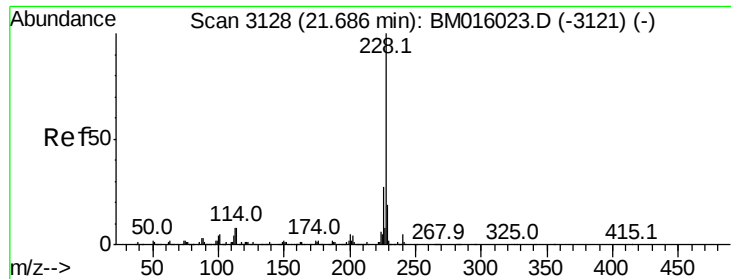
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#78
Terphenyl-d14
Concen: 10.068 ng
RT: 20.11 min Scan# 2860
Delta R.T. -0.05 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Tgt Ion:	244	Resp:	468303
Ion Ratio	Lower	Upper	
244	100		
212	10.2	4.9	7.3#
122	10.0	6.2	9.4#





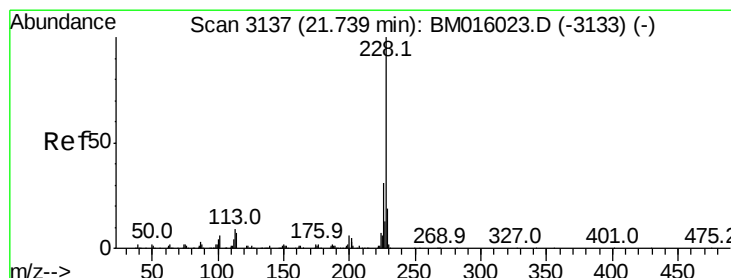
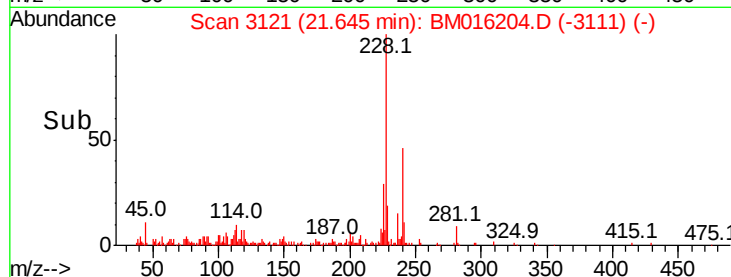
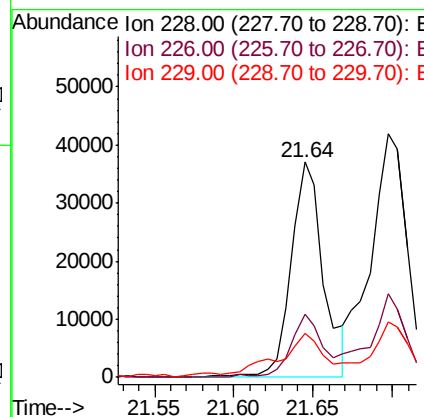
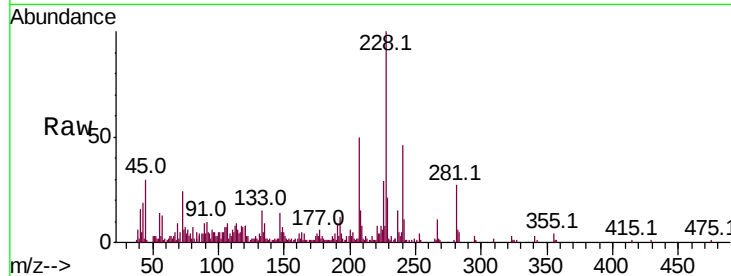
#80
Benzo(a)anthracene
Concen: 4.845 ng
RT: 21.64 min Scan# 3121
Delta R.T. -0.04 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Instrument :
BNA_M
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.7	32.5
229	20.7	16.0	24.0

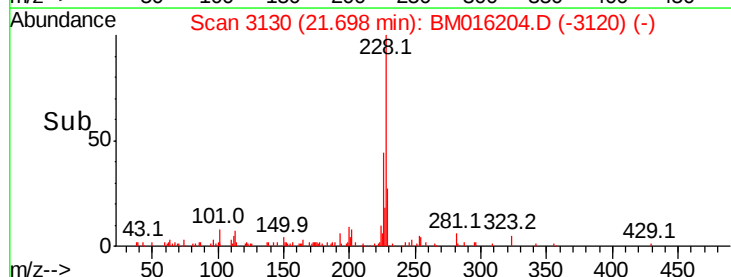
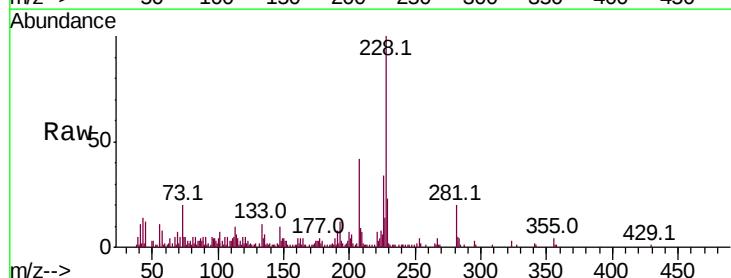
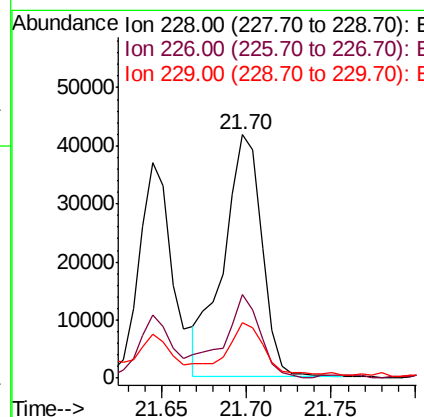
Manual Integrations
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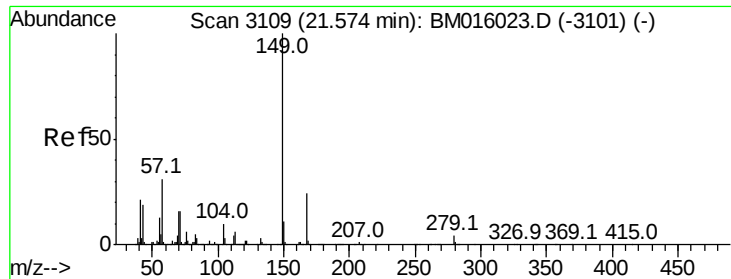
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#82
Chrysene
Concen: 6.309 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.04 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.1	36.1
229	22.8	15.5	23.3





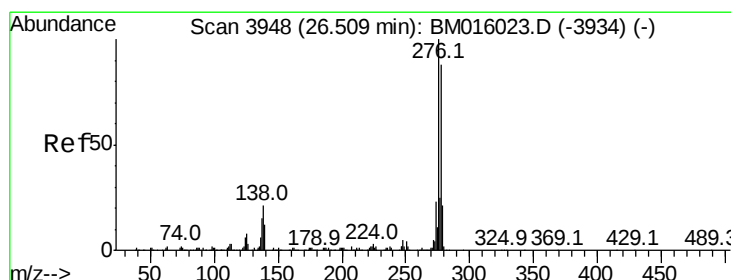
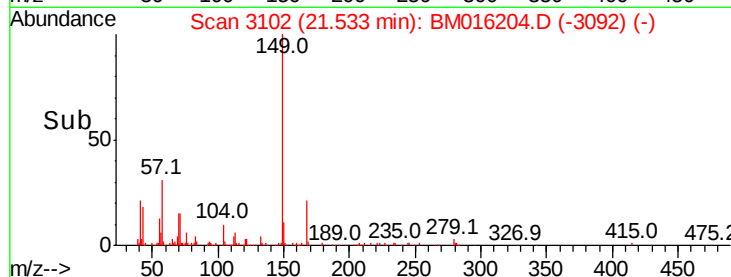
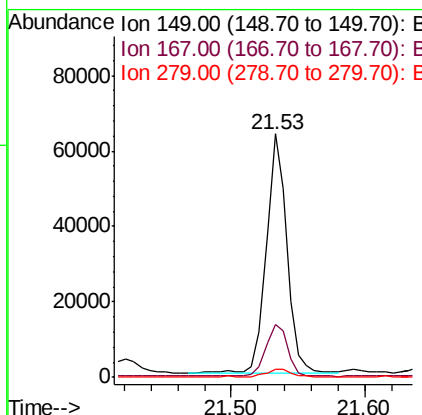
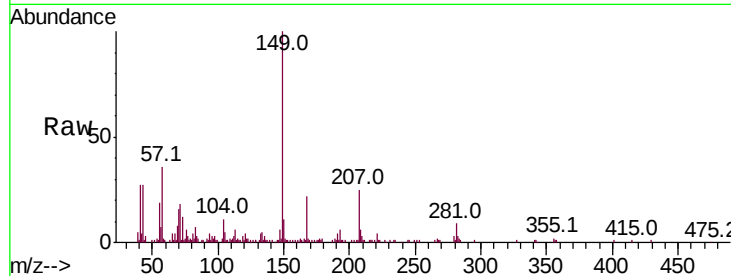
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.799 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. -0.04 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
149	100		
167	21.6	22.4	33.6#
279	3.2	3.4	5.0#

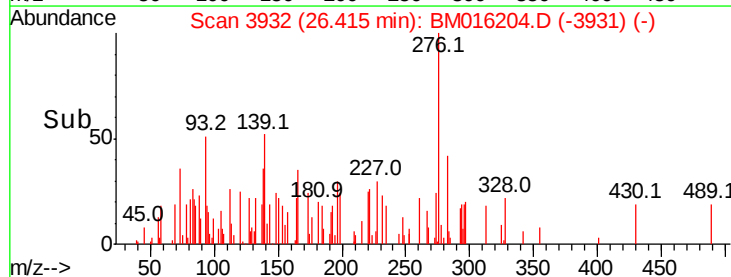
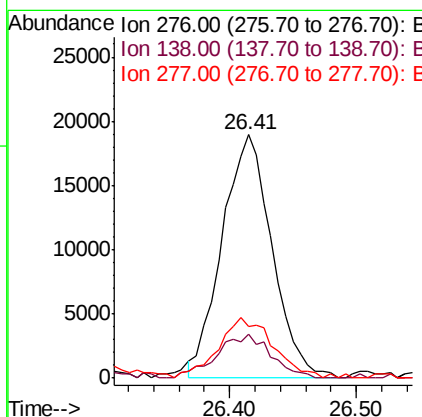
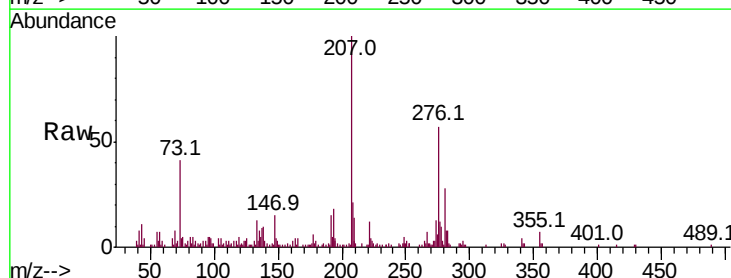
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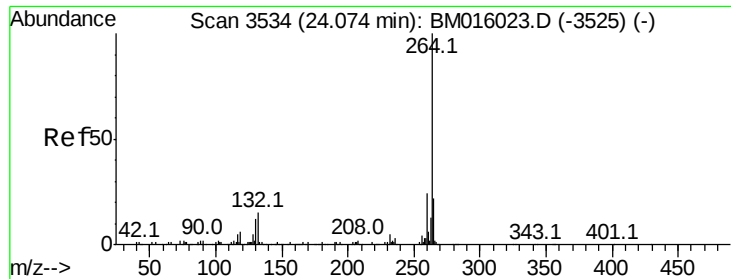
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.196 ng
 RT: 26.41 min Scan# 3932
 Delta R.T. -0.09 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	12.0	18.0#
277	26.5	20.0	30.0





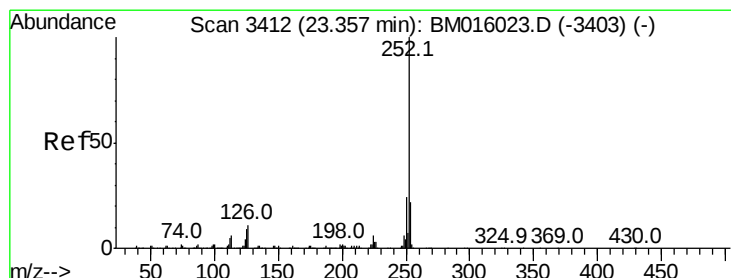
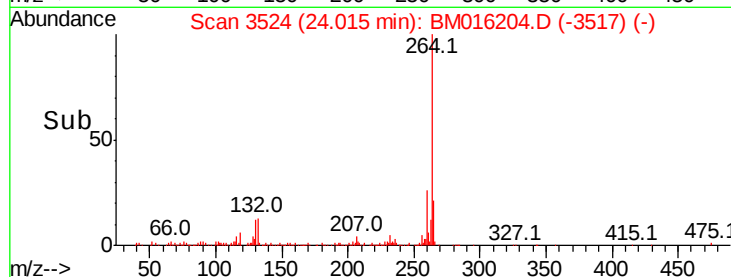
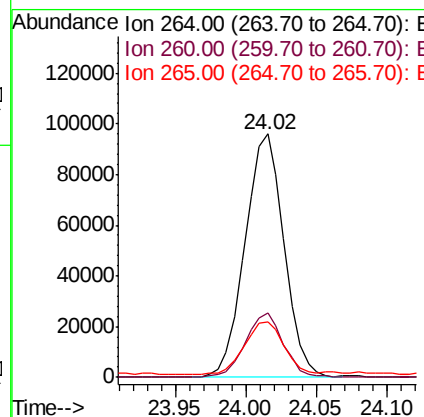
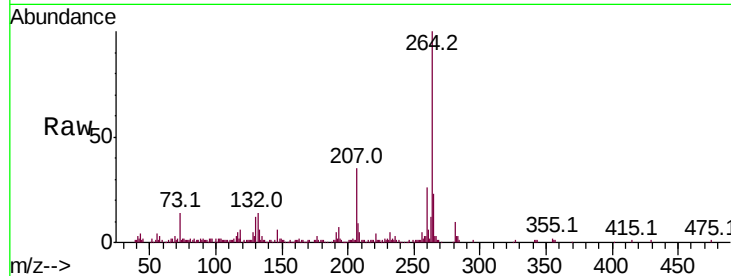
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.02 min Scan# 3524
 Delta R.T. -0.06 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.6	27.8
265	22.8	17.3	25.9

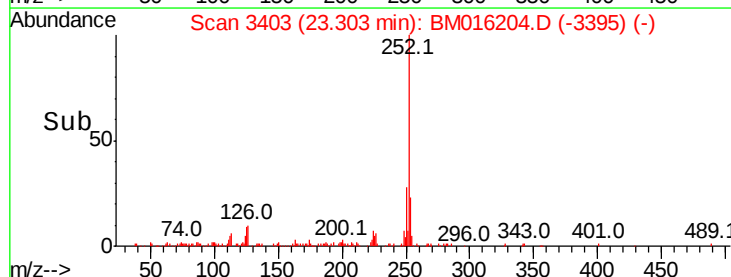
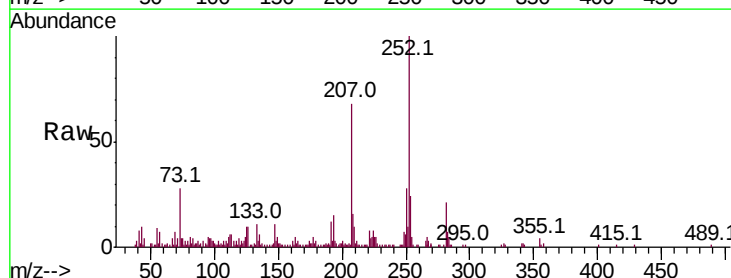
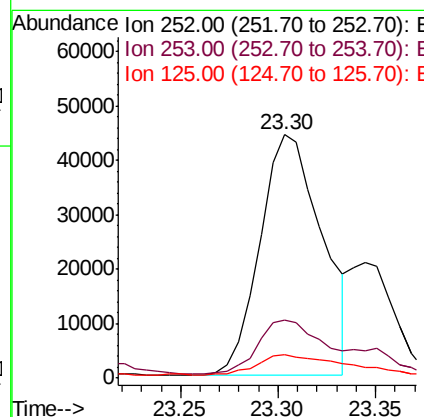
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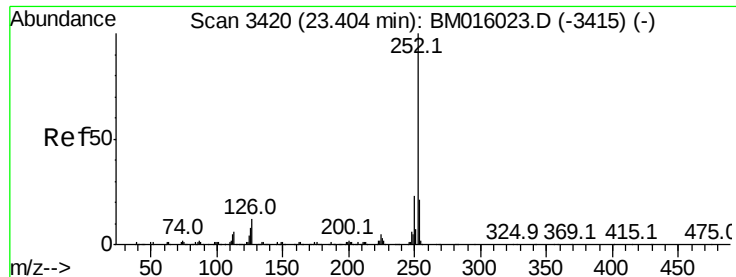
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#87
 Benzo(b)fluoranthene
 Concen: 8.936 ng
 RT: 23.30 min Scan# 3403
 Delta R.T. -0.05 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	9.8	9.9	14.9#





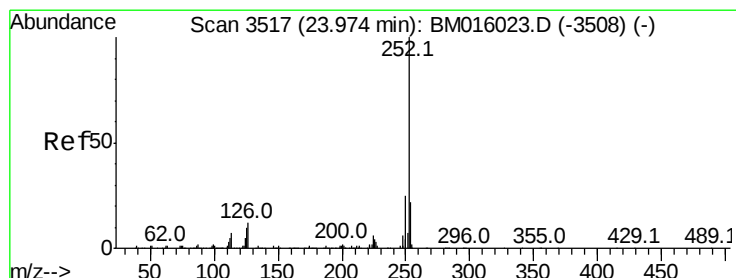
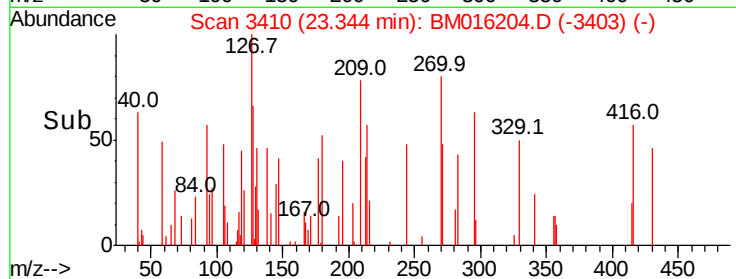
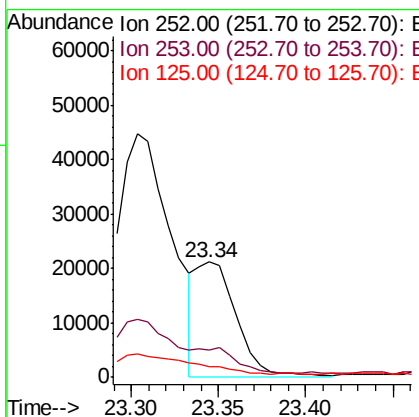
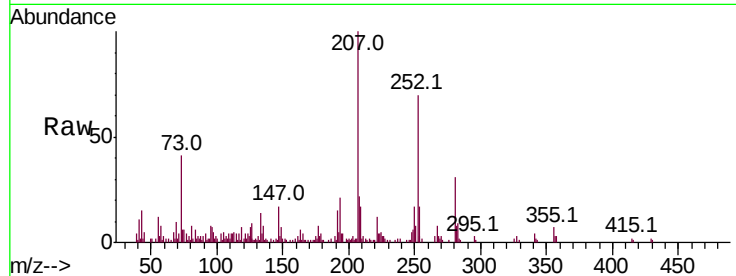
#88
Benzo(k)fluoranthene
Concen: 3.108 ng m
RT: 23.34 min Scan# 3410
Delta R.T. -0.06 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Instrument :
BNA_M
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	9.5	8.1	12.1

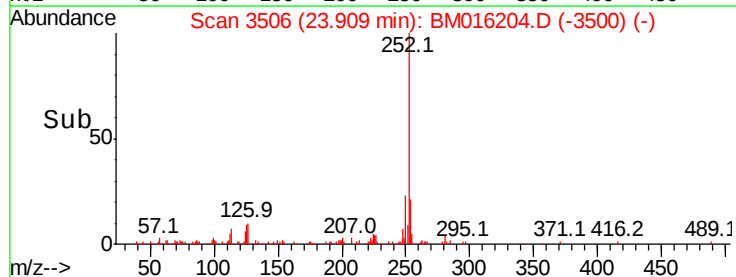
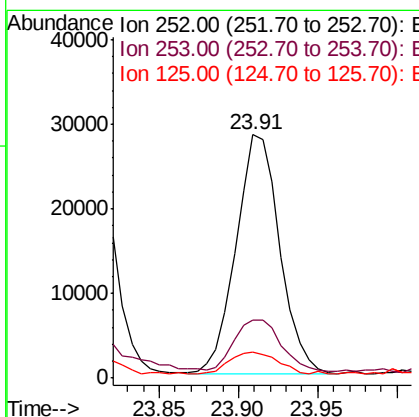
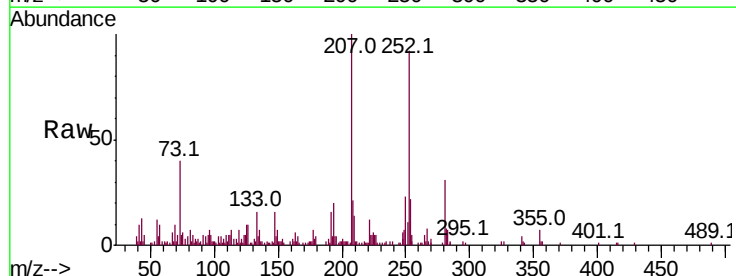
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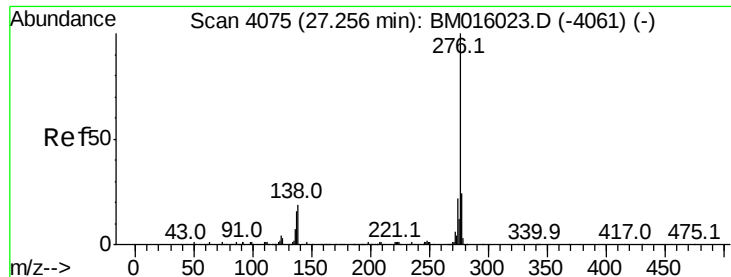
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#89
Benzo(a)pyrene
Concen: 5.149 ng
RT: 23.91 min Scan# 3506
Delta R.T. -0.06 min
Lab File: BM016204.D
Acq: 06 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	10.7	7.4	11.2





#91
 Benzo(a,h,i)perylene
 Concen: 5.163 ng
 RT: 27.16 min Scan# 4058
 Delta R.T. -0.10 min
 Lab File: BM016204.D
 Acq: 06 Aug 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	17.1	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/7/2018 6:56:22 PM

