

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012279.D
 Acq On : 18 Oct 2017 09:31
 Operator : SJ/JU
 Sample : I5693-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-33(3.5-4.5)-100417

Manual Integrations
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Sohil
 10/18/2017 7:33:58 PM

Quant Time: Oct 18 13:39:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 08:12:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	176444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	734774	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	680159	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1078501	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1339923	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1319208	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10948	2.95	ng/uL	0.00
5) Phenol-d5	6.96	99	275533	19.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	154880	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	252279	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	232055	18.83	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	124839	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	146716	22.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	274873	21.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	56740	4.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1221220	20.31	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1610676	22.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	52003	5.75	ng/ul	0.02
57) Fluorene-d10	15.44	176	1103636	22.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	90987m	12.29	ng/ul	0.05
70) Anthracene-d10	17.30	188	1208872	22.67	ng/ul	0.01
76) Pyrene-d10	19.62	212	1292413	19.00	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.54	264	1367034	21.49	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.98	94	176019	11.894	ng/ul	98
11) 2-Methylphenol	8.24	108	15466	1.389	ng/ul	93
28) Naphthalene	10.63	128	79414	2.089	ng/ul	97
44) Dimethylphthalate	13.90	163	601353	9.985	ng/ul	98
47) Acenaphthylene	14.17	152	100202	1.402	ng/ul#	69
49) Acenaphthene	14.51	153	70187	1.458	ng/ul	93
58) Fluorene	15.49	166	130025	2.259	ng/ul#	77
69) Phenanthrene	17.24	178	1032663	16.831	ng/ul	96
71) Anthracene	17.33	178	242558m	3.819	ng/ul	
72) Carbazole	17.62	167	85285	1.587	ng/ul#	57
74) Fluoranthene	19.27	202	1497281	20.222	ng/ul	99
77) Pyrene	19.64	202	1480179	16.727	ng/ul	100
80) Benzo(a)anthracene	21.37	228	785334	9.007	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.27	149	1635700	27.673	ng/ul	98
82) Chrysene	21.42	228	878982	10.738	ng/ul#	94
85) Benzo(b)fluoranthene	22.99	252	1132269	13.152	ng/ul#	93
86) Benzo(k)fluoranthene	23.03	252	368423m	4.441	ng/ul	
88) Benzo(a)pyrene	23.58	252	833509	10.272	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.04	276	445280	5.168	ng/ul	97
90) Dibenzo(a,h)anthracene	26.03	278	119715	1.653	ng/ul#	76
91) Benzo(a,h,i)perylene	26.76	276	367765	5.211	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

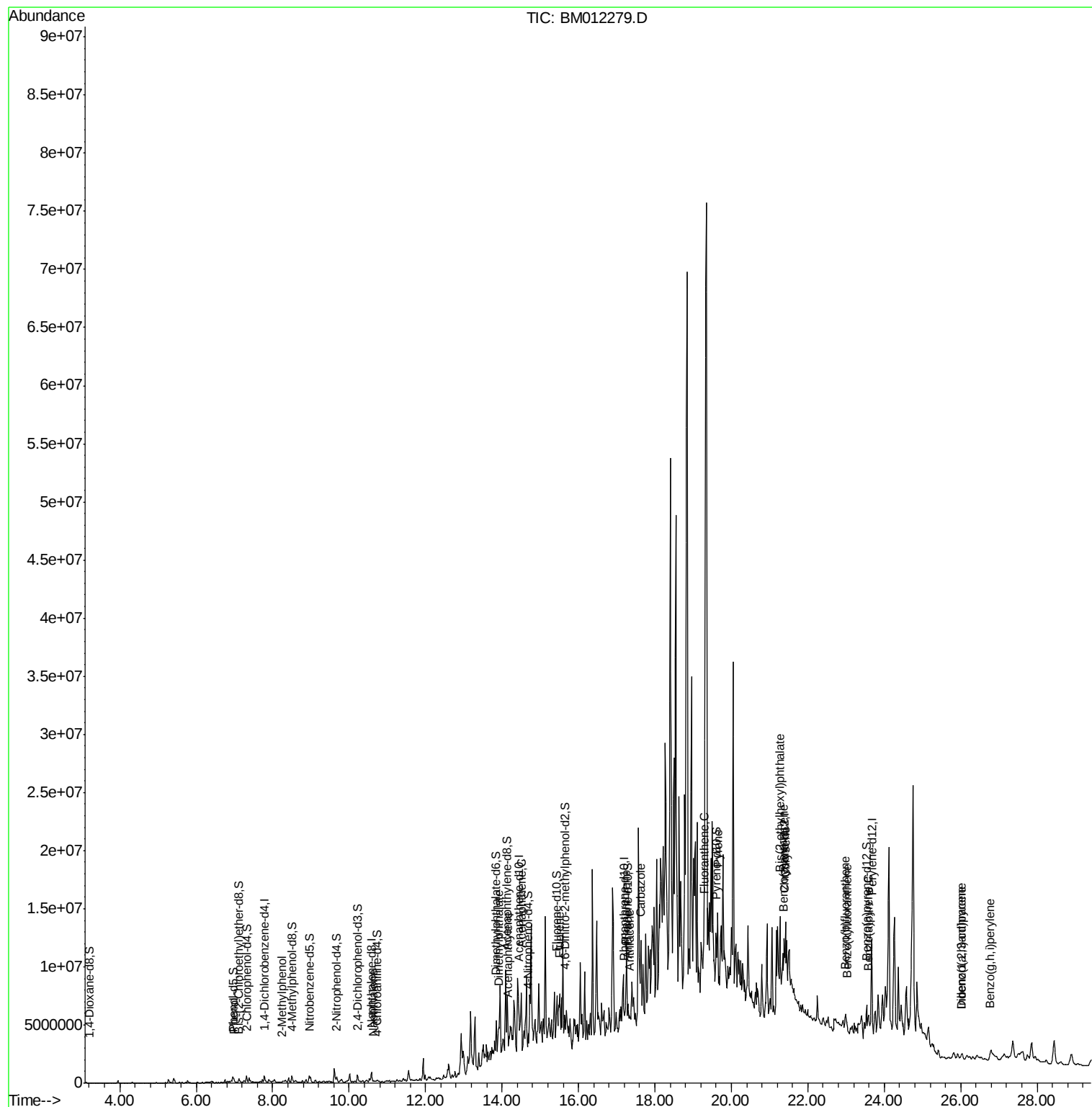
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
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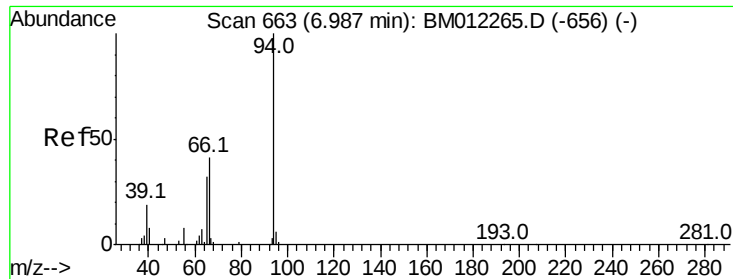
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#6

Phenol

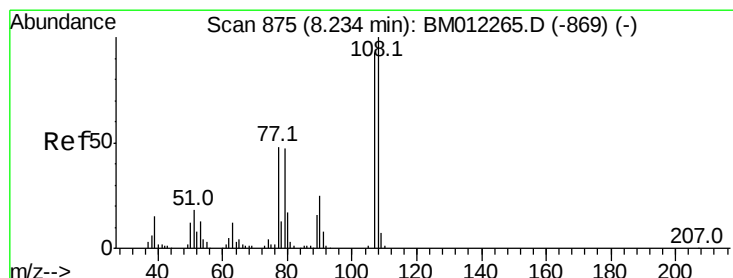
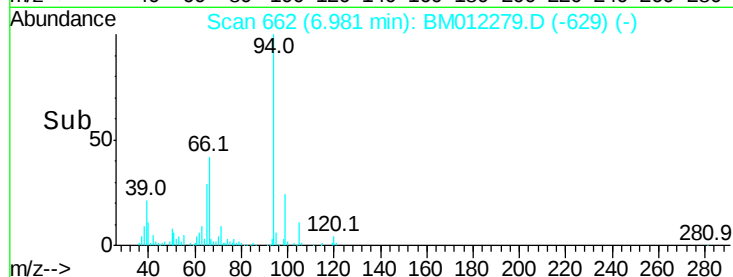
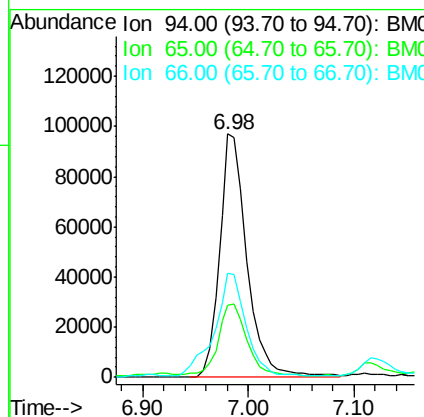
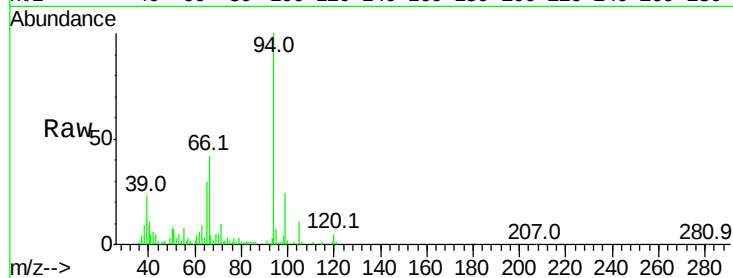
Concen: 11.894 ng/ul
 RT: 6.98 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM012279.D
 Acq: 18 Oct 2017 09:31

Instrument :
 BNA_M
 ClientSampleId :
 B-33(3.5-4.5)-100417

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.7	24.4	36.6
66	42.5	35.0	52.4

Manual Integrations
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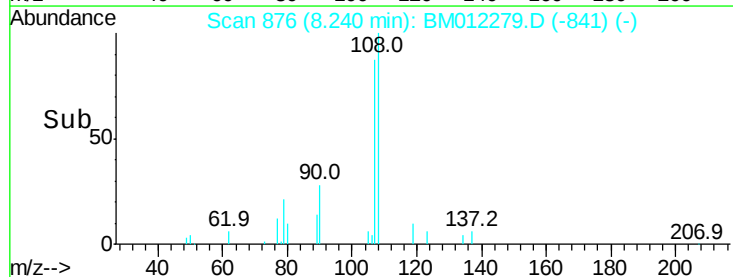
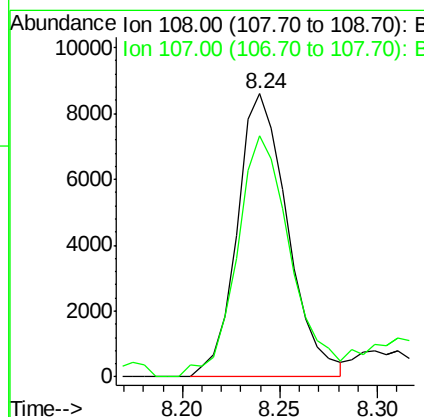
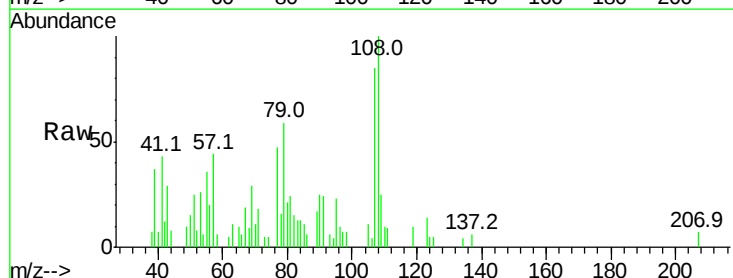


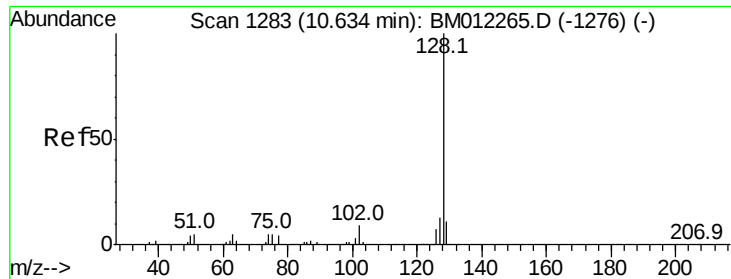
#11

2-Methylphenol

Concen: 1.389 ng/ul
 RT: 8.24 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BM012279.D
 Acq: 18 Oct 2017 09:31

Tgt Ion	Ratio	Lower	Upper
108	100		
107	85.2	73.3	109.9





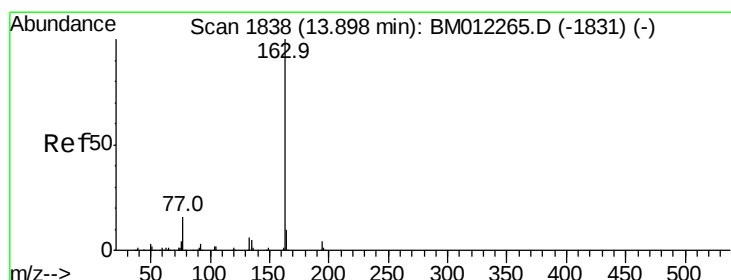
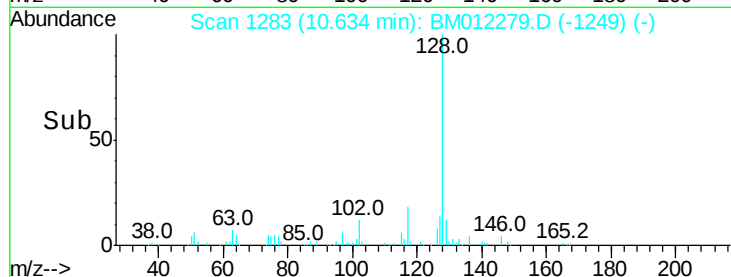
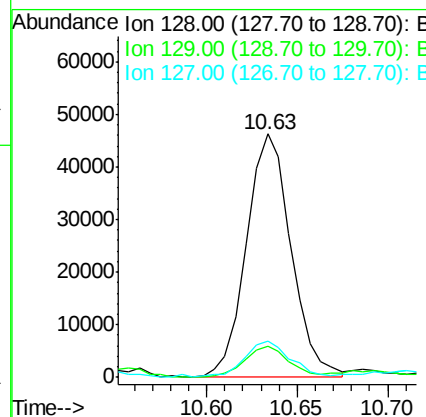
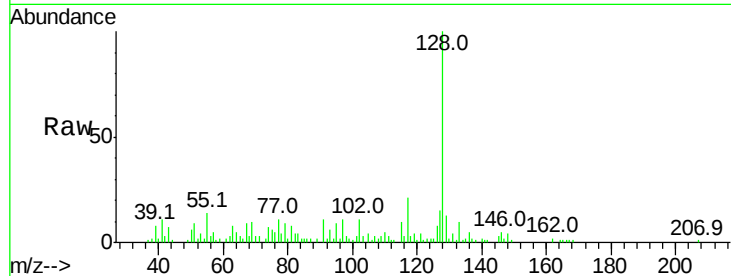
#28
Naphthalene
Concen: 2.089 ng/ul
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Instrument :
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B-33(3.5-4.5)-100417

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.2	13.8
127	15.0	11.4	17.0

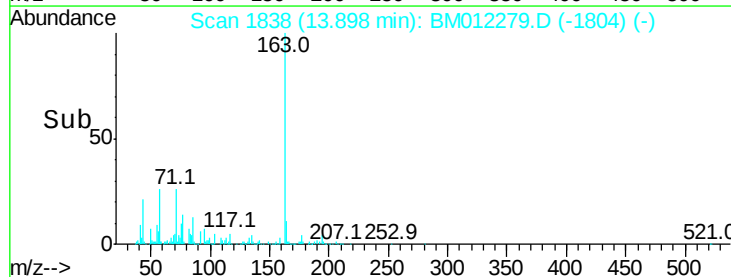
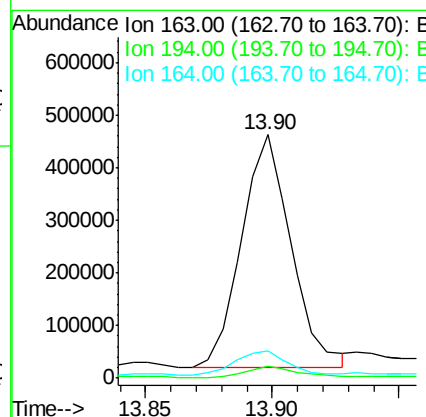
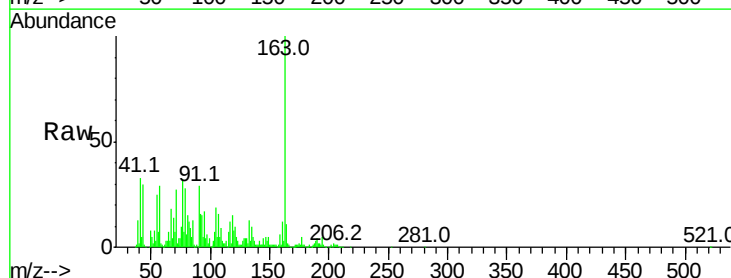
Manual Integrations
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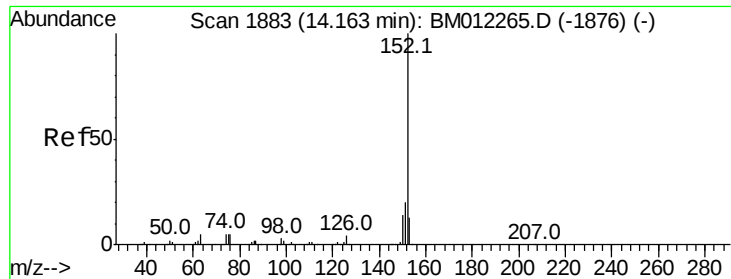
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#44
Dimethylphthalate
Concen: 9.985 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	11.0	8.1	12.1





#47

Acenaphthylene

Concen: 1.402 ng/ul

RT: 14.17 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BM012279.D

Acq: 18 Oct 2017 09:31

Instrument :

BNA_M

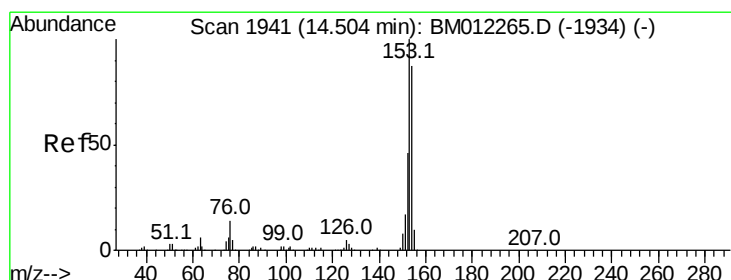
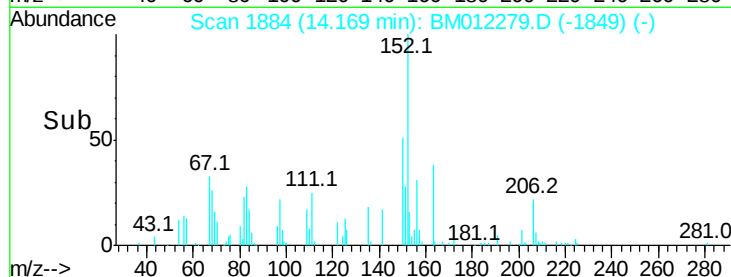
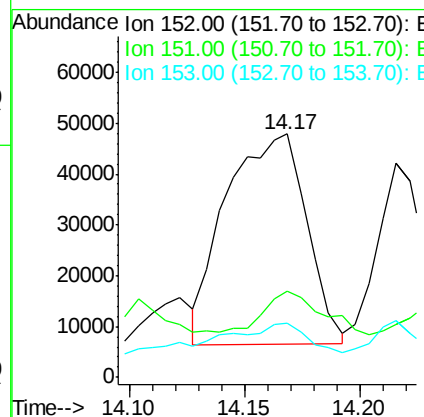
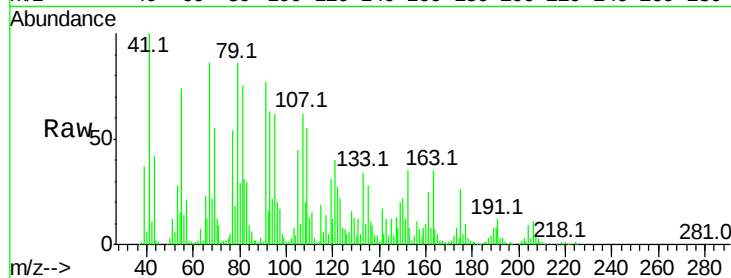
ClientSampleId :

B-33(3.5-4.5)-100417

Tot Ion:	152	Resp:	100202
Ion Ratio	Lower	Upper	
152	100		
151	35.5	15.3	22.9#
153	22.2	10.4	15.6#

Manual Integrations
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#49

Acenaphthene

Concen: 1.458 ng/ul

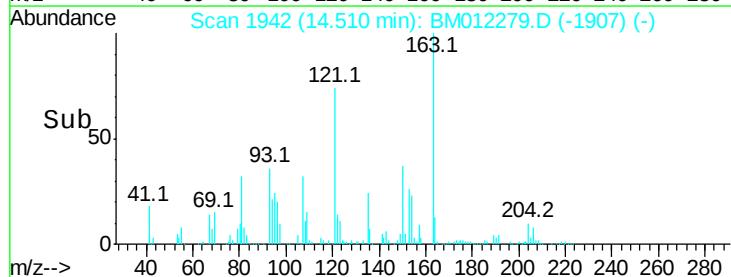
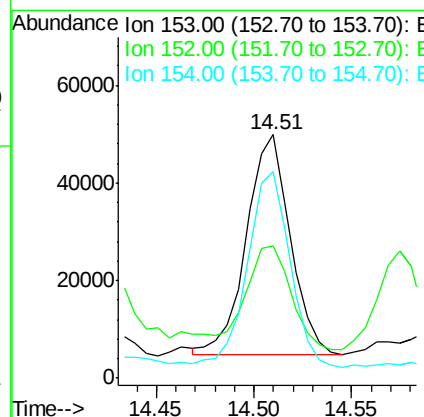
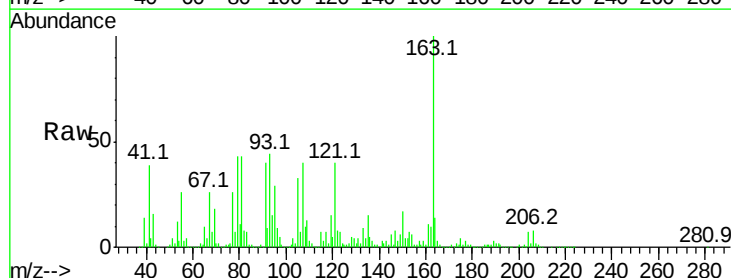
RT: 14.51 min Scan# 1942

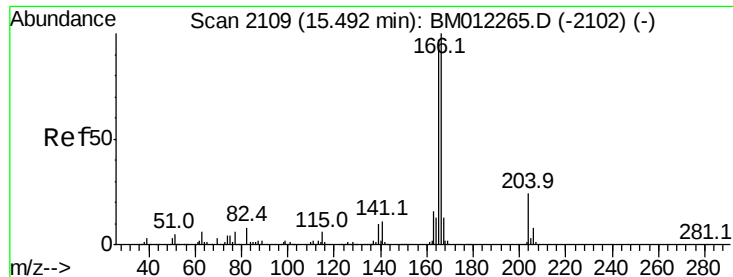
Delta R.T. 0.01 min

Lab File: BM012279.D

Acq: 18 Oct 2017 09:31

Tgt Ion:	153	Resp:	70187
Ion Ratio	Lower	Upper	
153	100		
152	54.1	37.4	56.0
154	84.9	71.1	106.7





#58

Fluorene

Concen: 2.259 ng/ul

RT: 15.49 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BM012279.D

Acq: 18 Oct 2017 09:31

Instrument :

BNA_M

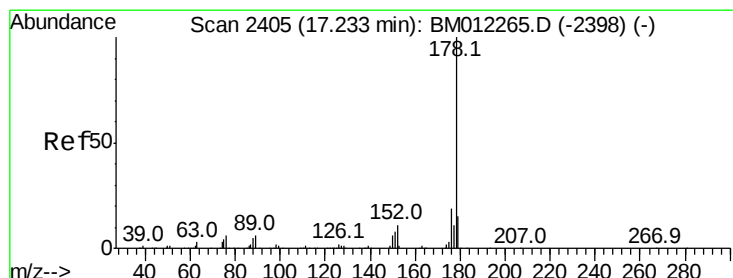
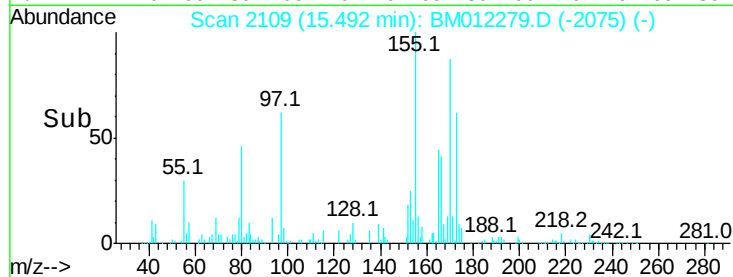
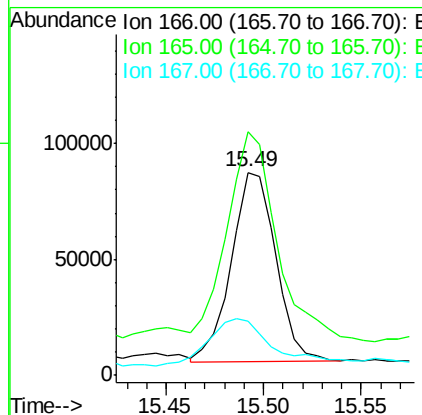
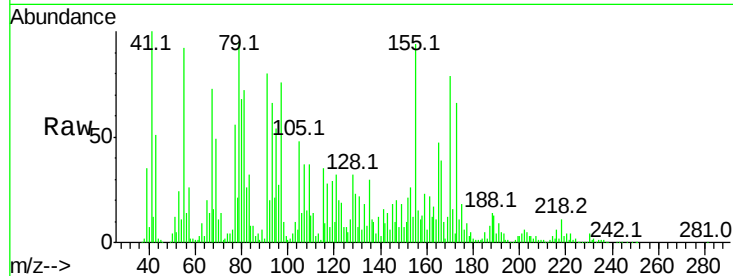
ClientSampleId :

B-33(3.5-4.5)-100417

Tot Ion:	166	Resp:	130025
Ion Ratio	Lower	Upper	
166	100		
165	120.0	79.0	118.6#
167	26.6	10.8	16.2#

Manual Integrations
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#69

Phenanthrene

Concen: 16.831 ng/ul

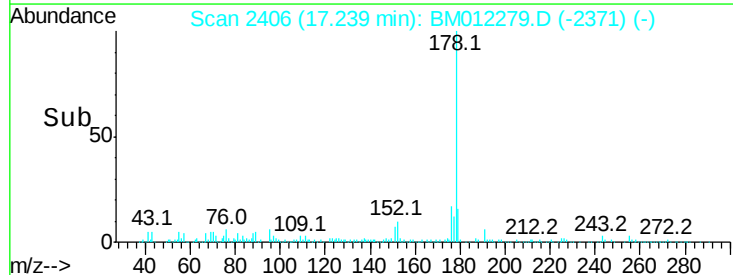
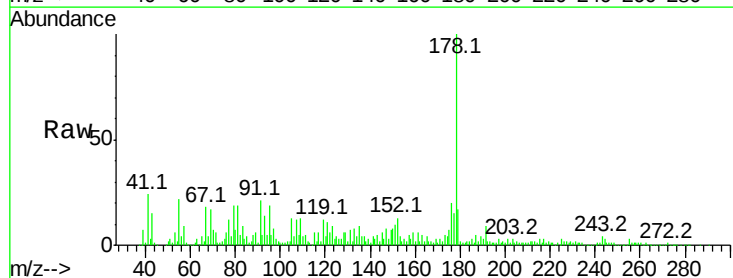
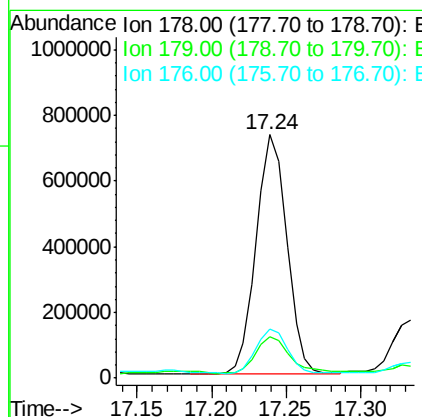
RT: 17.24 min Scan# 2406

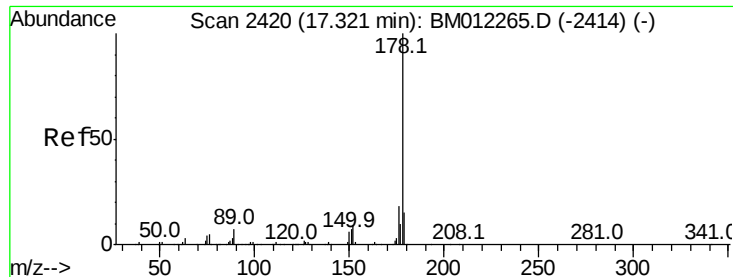
Delta R.T. 0.01 min

Lab File: BM012279.D

Acq: 18 Oct 2017 09:31

Tgt Ion:	178	Resp:	1032663
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.0	18.0
176	20.0	15.0	22.6





#71

Anthracene

Concen: 3.819 ng/ul m

RT: 17.33 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BM012279.D

Acq: 18 Oct 2017 09:31

Instrument :

BNA_M

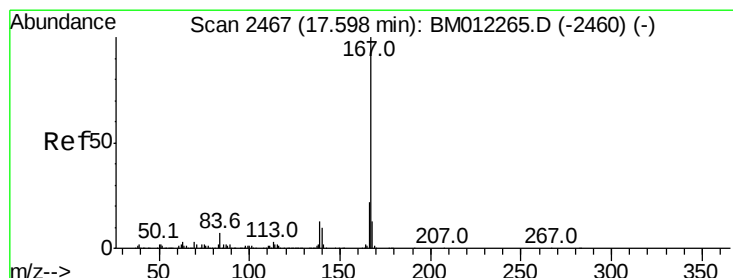
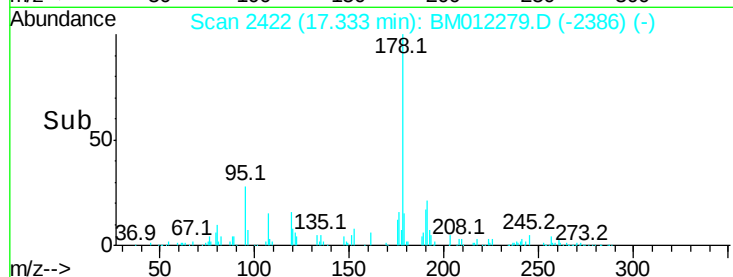
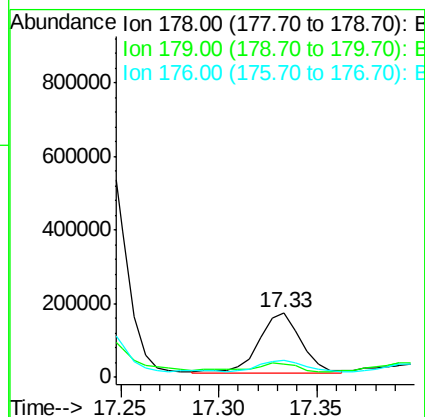
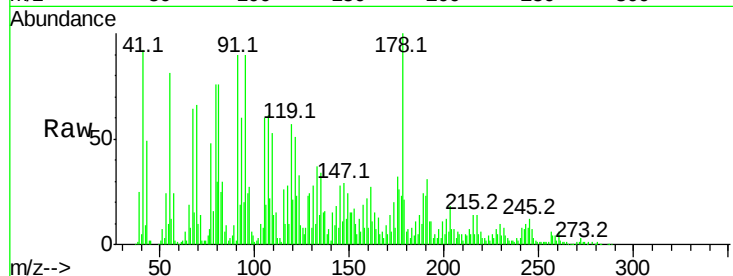
ClientSampleId :

B-33(3.5-4.5)-100417

Tot Ion:	178	Resp:	242558
Ion Ratio	Lower	Upper	
178	100		
179	21.4	12.2	18.4#
176	26.3	14.7	22.1#

Manual Integrations
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#72

Carbazole

Concen: 1.587 ng/ul

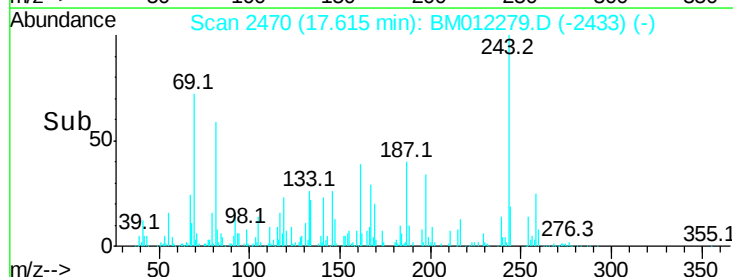
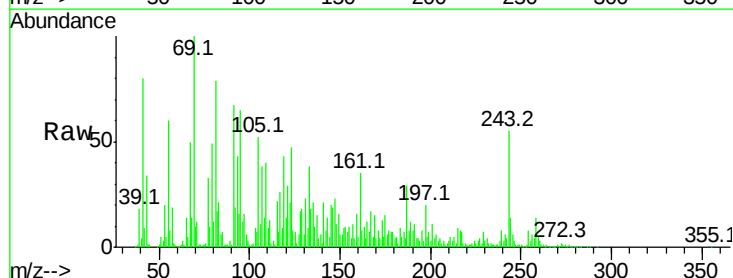
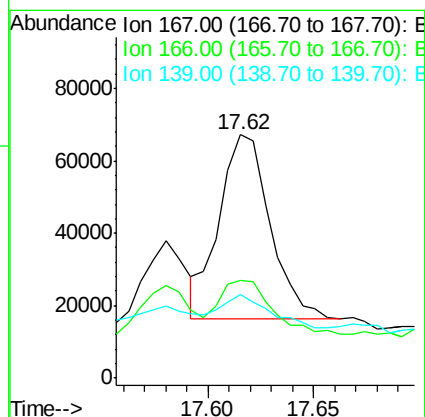
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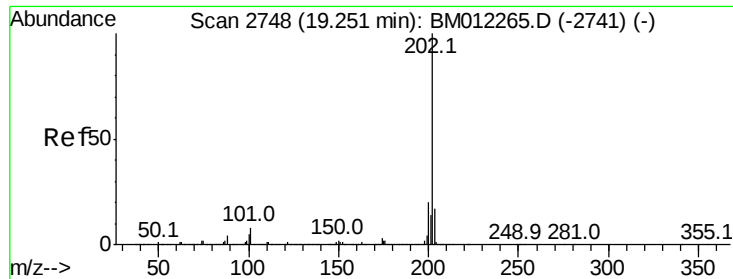
Delta R.T. 0.02 min

Lab File: BM012279.D

Acq: 18 Oct 2017 09:31

Tgt Ion:	167	Resp:	85285
Ion Ratio	Lower	Upper	
167	100		
166	40.3	17.8	26.6#
139	34.3	10.6	15.8#





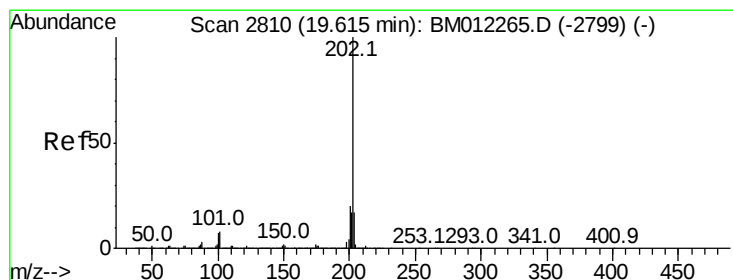
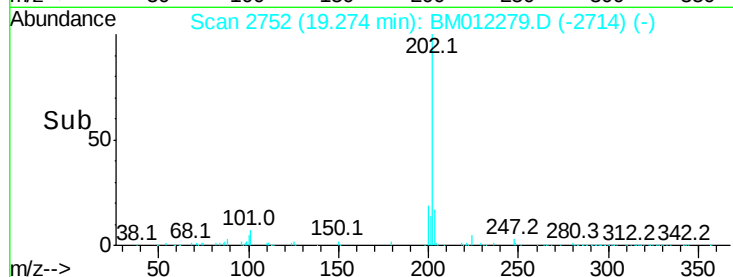
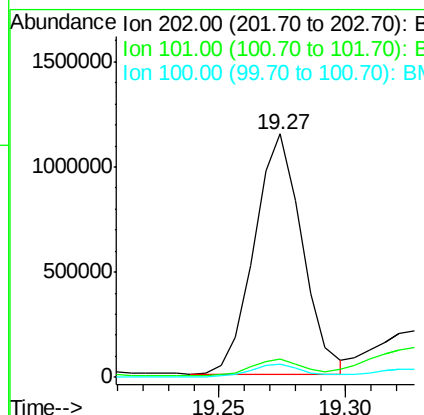
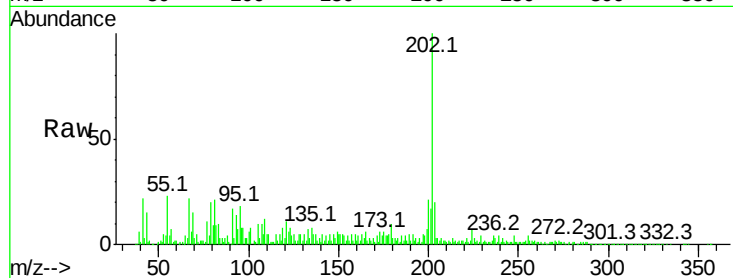
#74
Fluoranthene
Concen: 20.222 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. 0.02 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Instrument :
BNA_M
ClientSampleId :
B-33(3.5-4.5)-100417

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.8	8.6
100	5.6	4.3	6.5

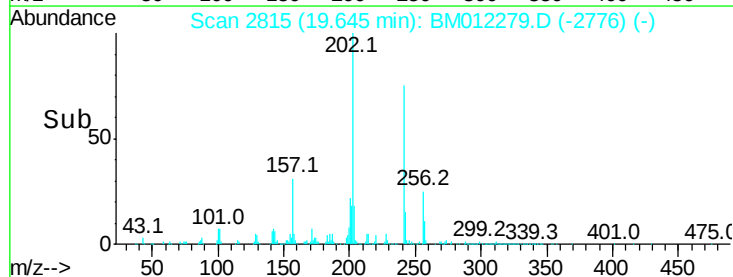
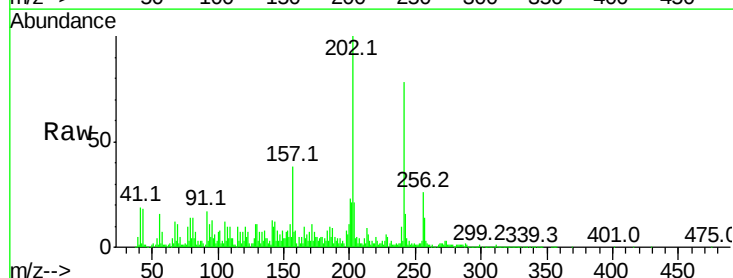
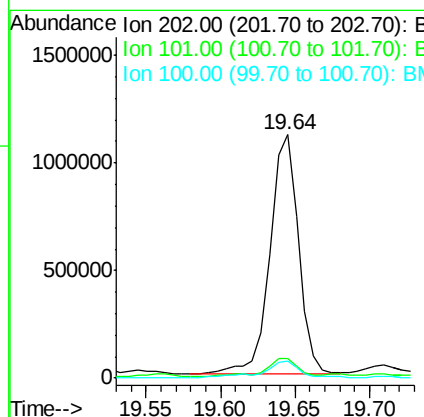
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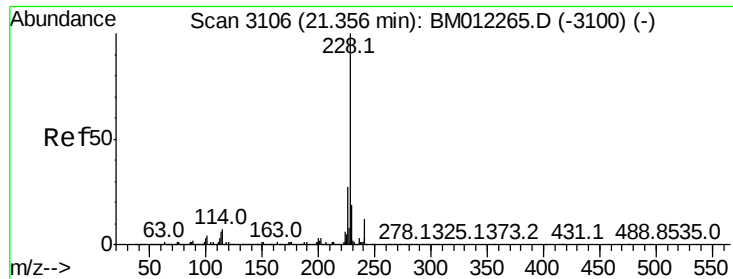
Sohil
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#77
Pyrene
Concen: 16.727 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.03 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.5	9.7
100	6.9	5.6	8.4





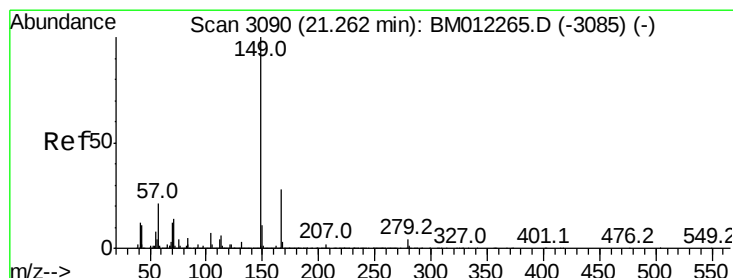
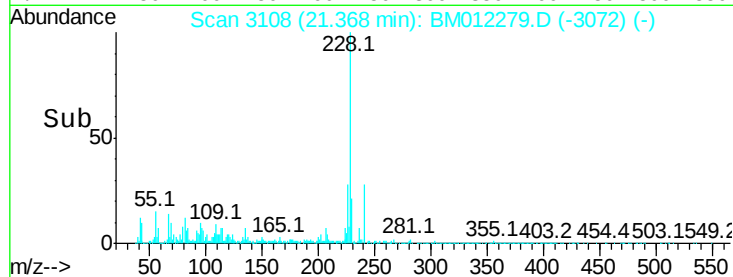
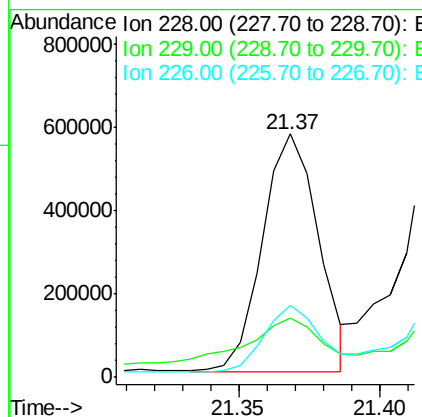
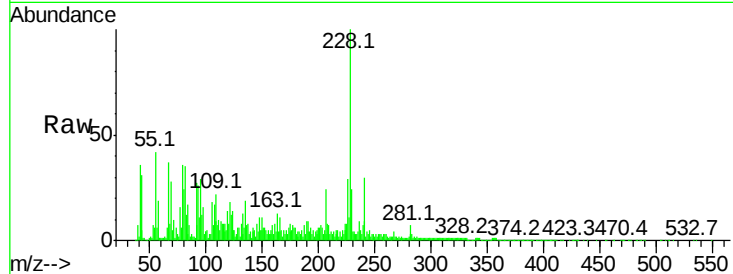
#80
Benzo(a)anthracene
Concen: 9.007 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Instrument :
BNA_M
ClientSampleId :
B-33(3.5-4.5)-100417

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.8	23.8#
226	29.4	21.4	32.2

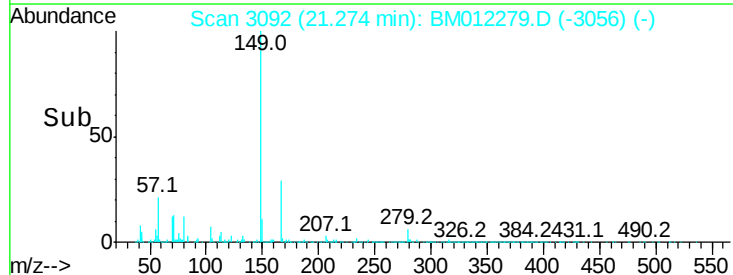
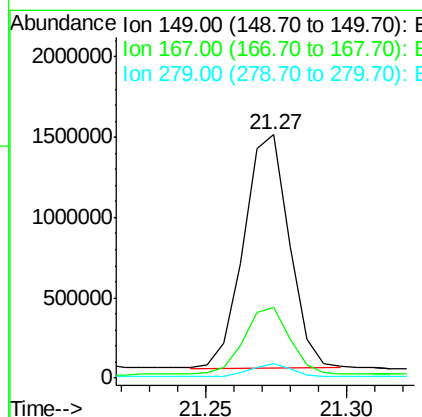
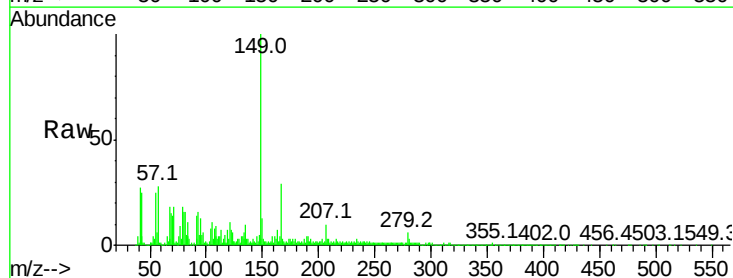
Manual Integrations
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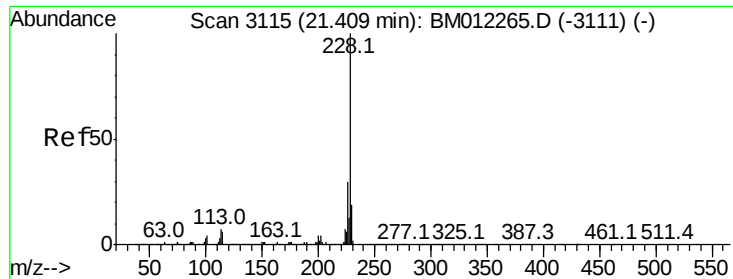
Sohil
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#81
Bis(2-ethylhexyl)phthalate
Concen: 27.673 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.5	33.7
279	5.9	4.4	6.6





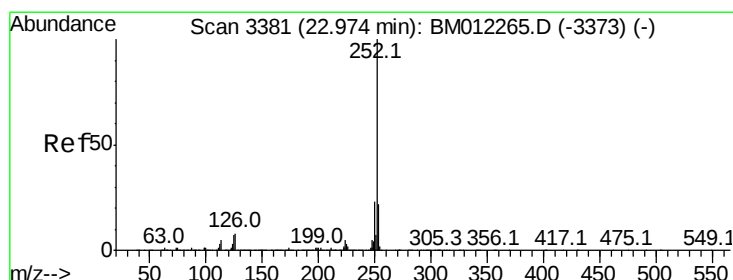
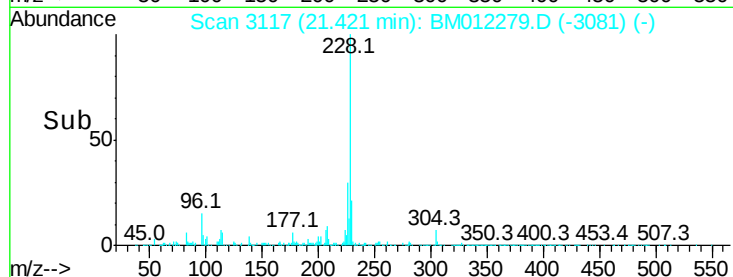
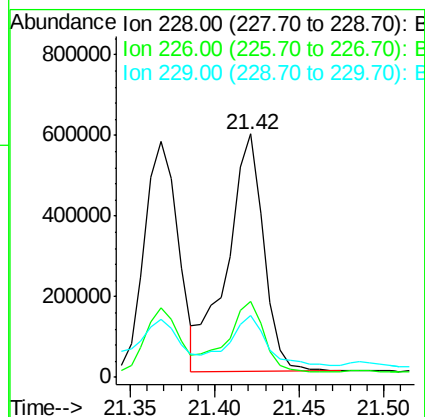
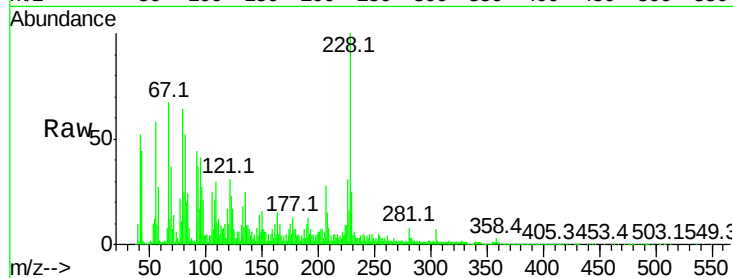
#82
Chrysene
Concen: 10.738 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Instrument :
BNA_M
ClientSampleId :
B-33(3.5-4.5)-100417

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	25.2	15.5	23.3#

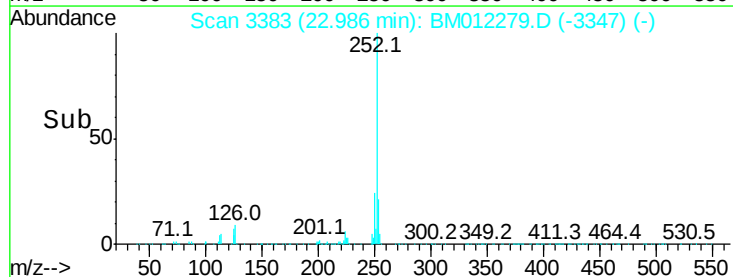
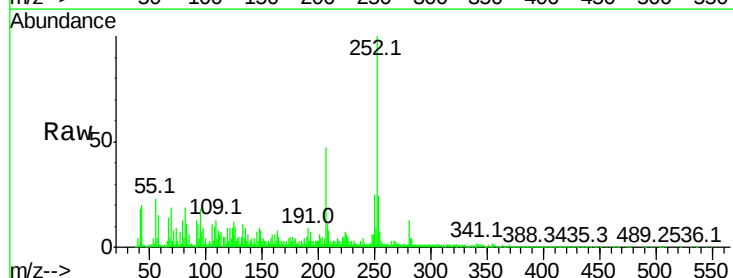
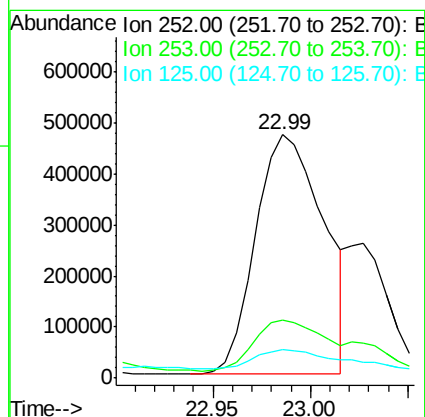
Manual Integrations
APPROVED

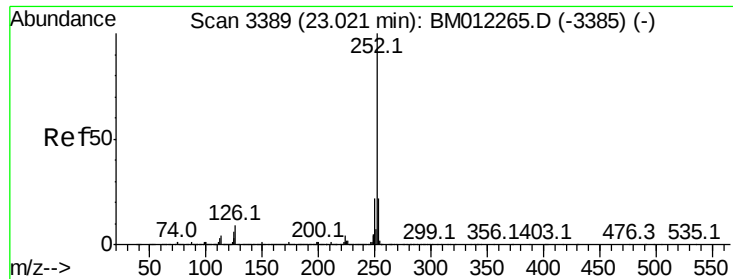
Sohil
10/18/2017 7:33:58 PM



#85
Benzo(b)fluoranthene
Concen: 13.152 ng/ul
RT: 22.99 min Scan# 3383
Delta R.T. 0.01 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	11.5	5.1	7.7#





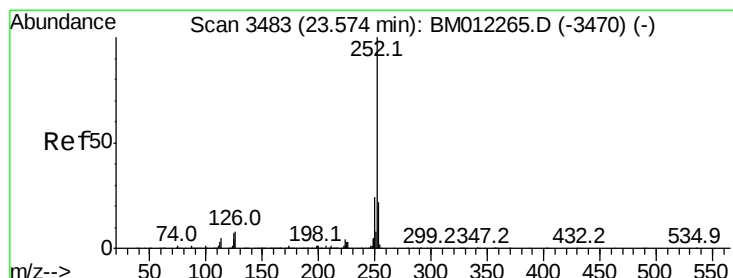
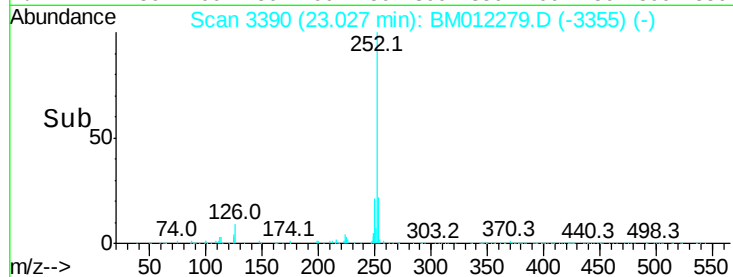
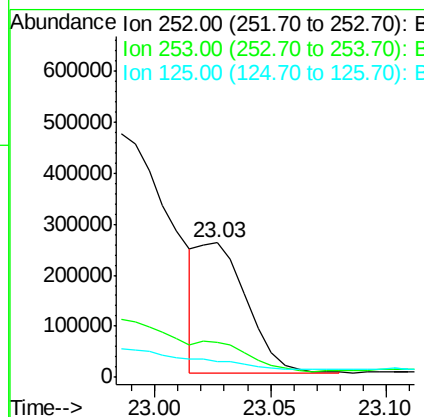
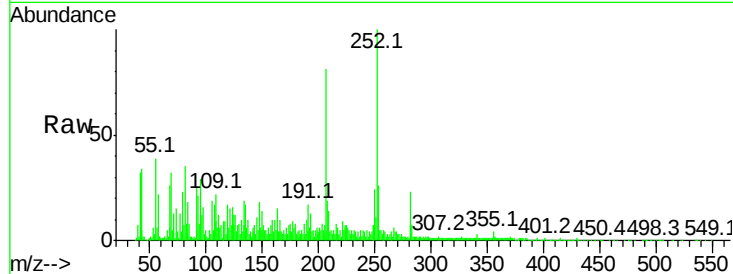
#86
Benzo(k)fluoranthene
Concen: 4.441 ng/ul m
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Instrument :
BNA_M
ClientSampleId :
B-33(3.5-4.5)-100417

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.6
125	12.2	4.9	7.3#

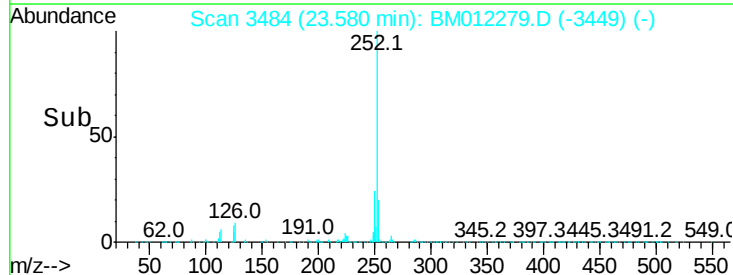
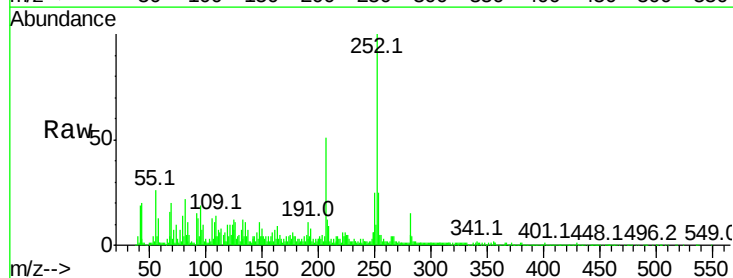
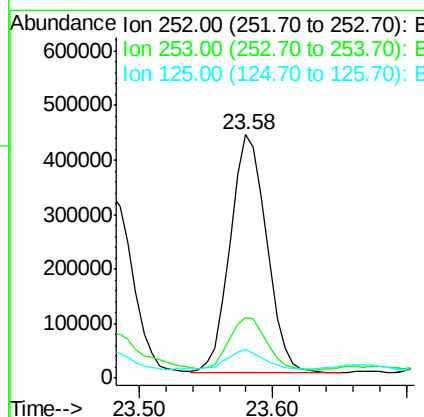
Manual Integrations
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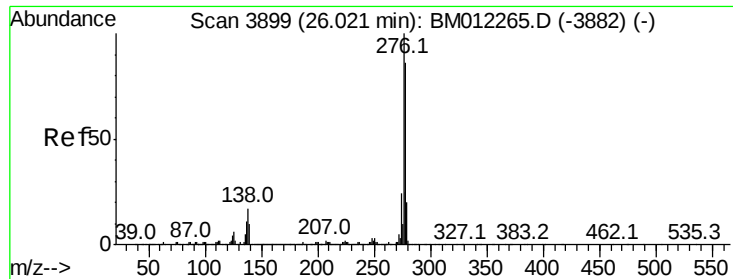
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#88
Benzo(a)pyrene
Concen: 10.272 ng/ul
RT: 23.58 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	11.8	5.2	7.8#





#89

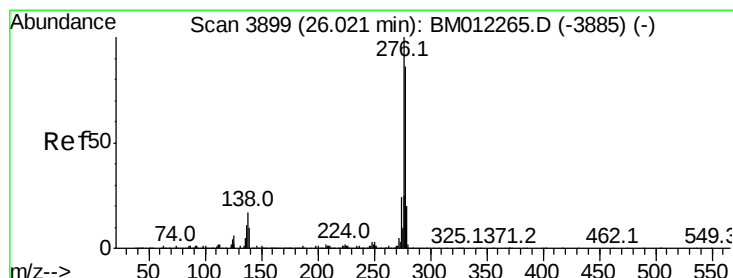
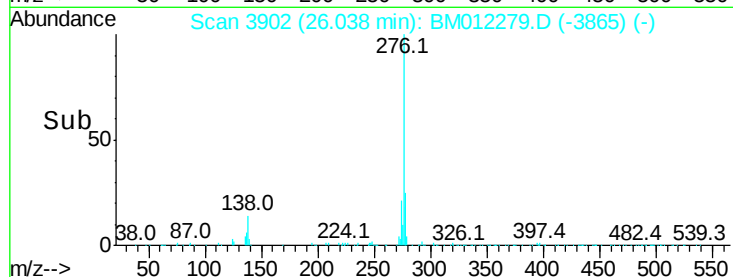
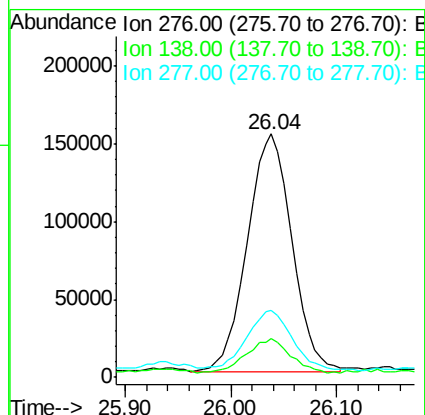
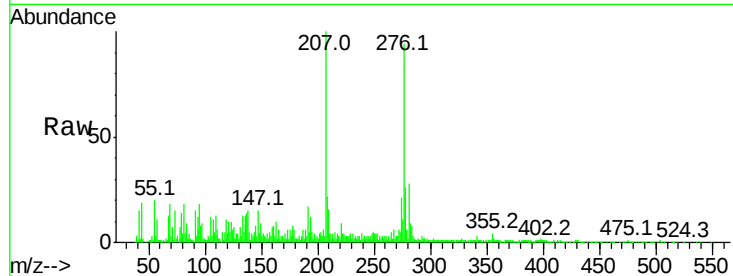
Indeno(1,2,3-cd)pyrene
Concen: 5.168 ng/ul
RT: 26.04 min Scan# 3902
Delta R.T. 0.02 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Instrument :
BNA_M
ClientSampleId :
B-33(3.5-4.5)-100417

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.2	19.8
277	27.4	20.6	31.0

Manual Integrations
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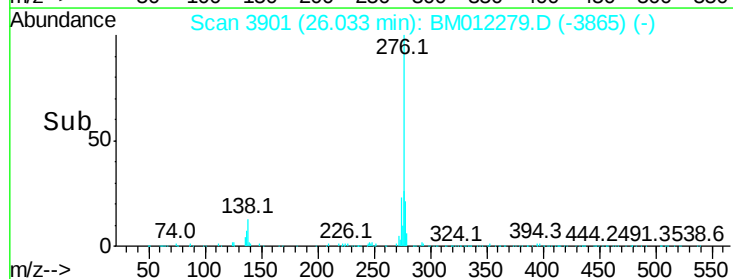
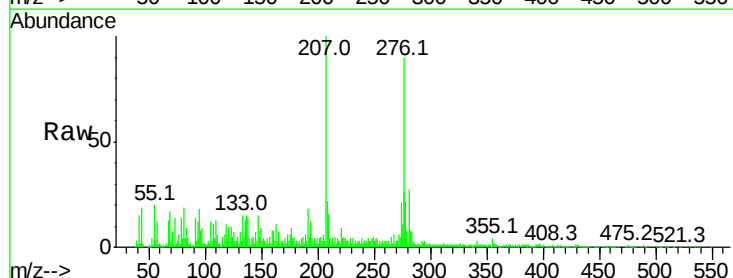
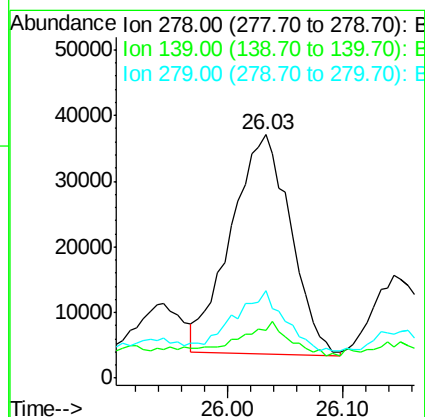
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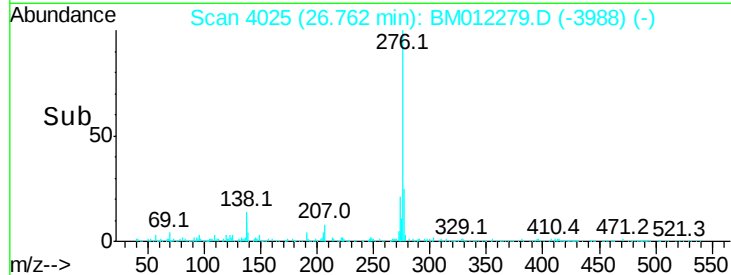
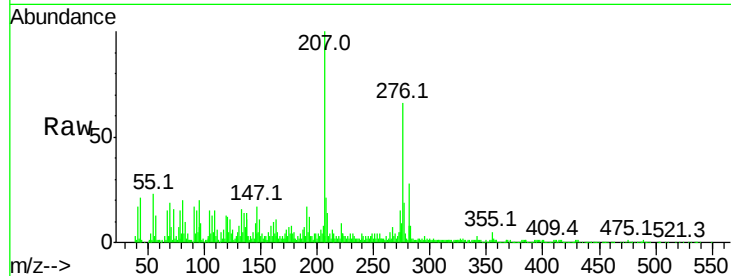
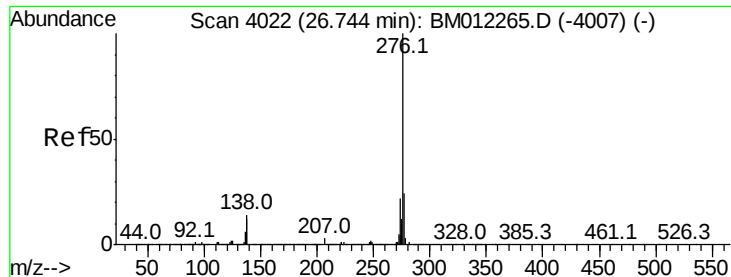


#90

Dibenzo(a,h)anthracene
Concen: 1.653 ng/ul
RT: 26.03 min Scan# 3901
Delta R.T. 0.01 min
Lab File: BM012279.D
Acq: 18 Oct 2017 09:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	8.3	12.5#
279	36.0	19.3	28.9#





#91

Benzo(a,h,i)perylene

Concen: 5.211 ng/ul

RT: 26.76 min Scan# 4025

Delta R.T. 0.02 min

Lab File: BM012279.D

Acq: 18 Oct 2017 09:31

Instrument :

BNA_M

ClientSampleId :

B-33(3.5-4.5)-100417

Tot Ion:	276	Resp:	367765
Ion Ratio	Lower	Upper	
276	100		
138	17.0	10.7	16.1#
277	28.9	19.0	28.4#

Manual Integrations
APPROVED

Sohil
10/18/2017 7:33:58 PM

