

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017128.D
 Acq On : 11 Oct 2018 16:18
 Operator : MJ/SJ
 Sample : J5184-06DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLC25DL

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:33:32 PM

Quant Time: Oct 12 02:56:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 01:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	258378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1187343	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	651489	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1400005	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1105563	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1106414	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2683	0.52	ng/uL	0.00
5) Phenol-d5	6.87	99	93061	4.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	62419	4.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	84591	4.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	79702	4.71	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	38514	4.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	37550	4.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	83482	4.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	51777	2.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	257313	4.98	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	325468	4.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	9114	0.93	ng/ul	0.00
58) Fluorene-d10	15.33	176	244747	5.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	5814	0.70	ng/ul	0.00
71) Anthracene-d10	17.18	188	359319	5.37	ng/ul	0.00
79) Pyrene-d10	19.48	212	343561	6.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	317822	5.61	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.52	128	141474	2.319	ng/ul 98
45) Dimethylphthalate	13.79	163	86626	1.692	ng/ul 99
50) Acenaphthene	14.39	153	122210	2.718	ng/ul 98
54) Dibenzofuran	14.73	168	100941	1.590	ng/ul 98
59) Fluorene	15.38	166	146033	2.821	ng/ul 98
70) Phenanthrene	17.13	178	3160991	40.268	ng/ul 100
72) Anthracene	17.22	178	841906	10.555	ng/ul 99
75) Carbazole	17.49	167	239727	3.473	ng/ul 100
76) Di-n-butylphthalate	18.06	149	177033	2.294	ng/ul 98
77) Fluoranthene	19.14	202	4209925	46.299	ng/ul 100
80) Pyrene	19.51	202	3957862	61.786	ng/ul 98
81) Butylbenzylphthalate	20.42	149	151611	6.859	ng/ul 98
83) Benzo(a)anthracene	21.26	228	1701240	25.651	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.20	149	413648	12.075	ng/ul 100
85) Chrysene	21.31	228	2539612	39.592	ng/ul 99
88) Benzo(b)fluoranthene	22.83	252	2513064	38.145	ng/ul 98
89) Benzo(k)fluoranthene	22.87	252	786971m	12.434	ng/ul
91) Benzo(a)pyrene	23.40	252	1148653	18.091	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.72	276	943430	12.586	ng/ul# 94
93) Dibenz(a,h)anthracene	25.73	278	275331	4.412	ng/ul 93
94) Benzo(a,h,i)perylene	26.41	276	1007252	16.137	ng/ul 98

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
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Manual Integrations
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Quant Time: Oct 12 02:56:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 01:39:13 2018
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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

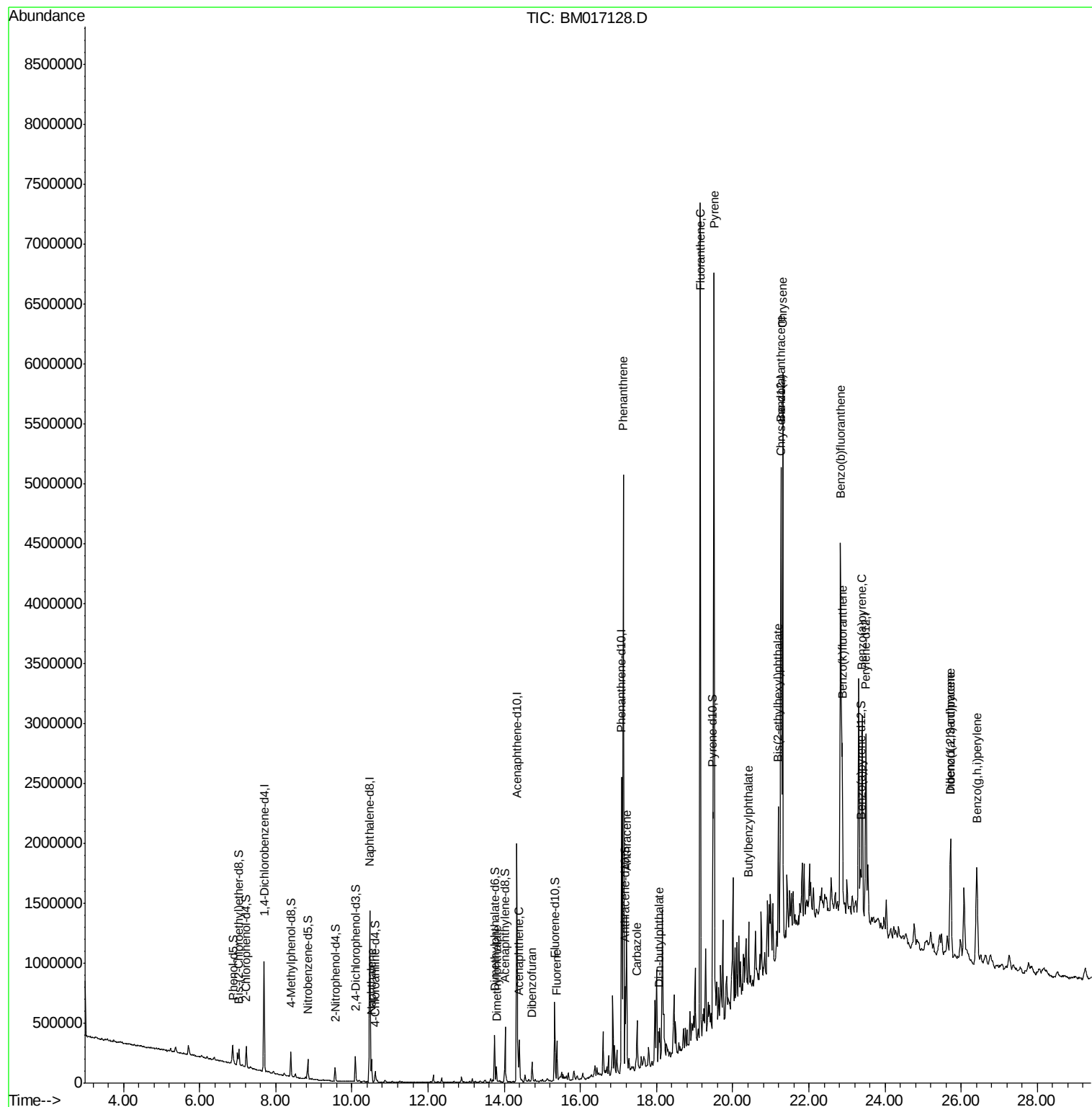
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017128.D
Acq On : 11 Oct 2018 16:18
Operator : MJ/SJ
Sample : J5184-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

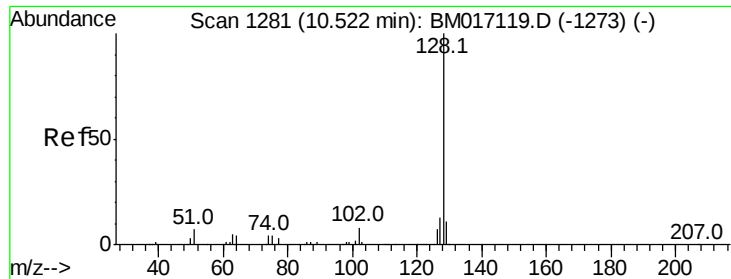
Instrument :
BNA_M
ClientSampleId :
JLC25DL

Manual Integrations
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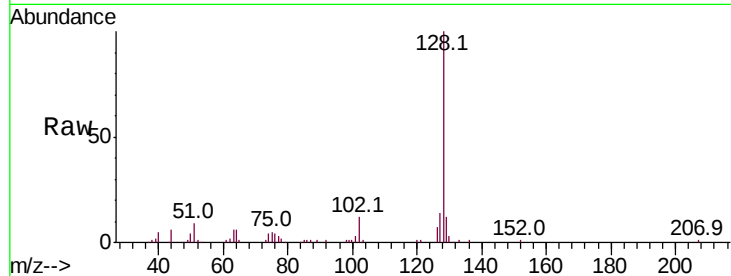
#28
Naphthalene
Concen: 2.319 ng/ul
RT: 10.52 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampleId :
JLC25DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	141474		
129	11.7	8.7	13.1	
127	13.6	10.5	15.7	

Manual Integrations
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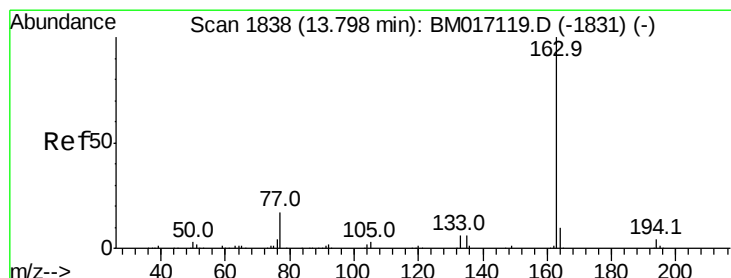
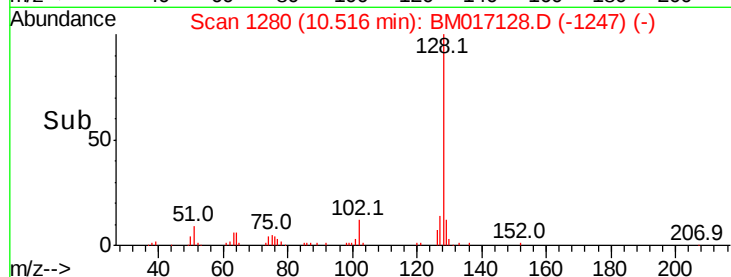
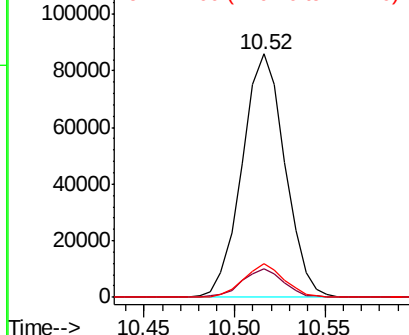


Abundance

Ion 128.00 (127.70 to 128.70): E

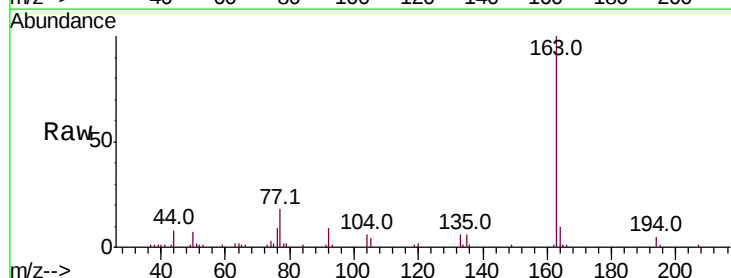
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45
Dimethylphthalate
Concen: 1.692 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	86626		
194	4.6	3.3	4.9	
164	9.9	8.0	12.0	

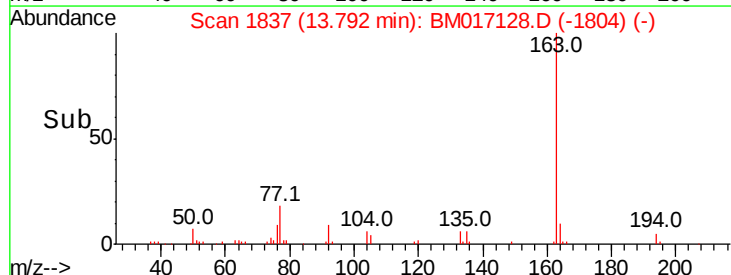
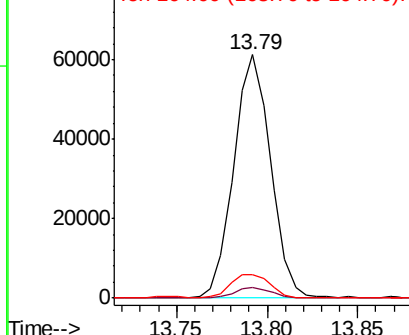


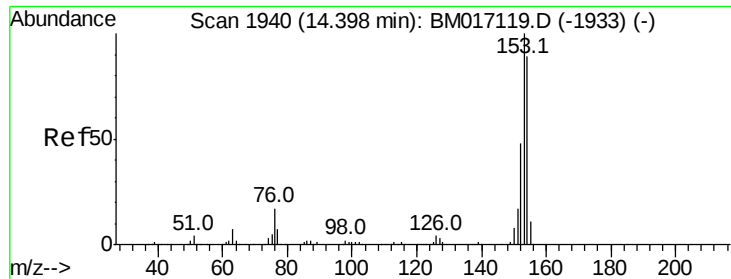
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





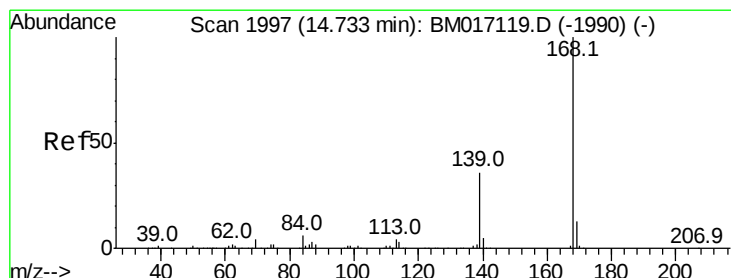
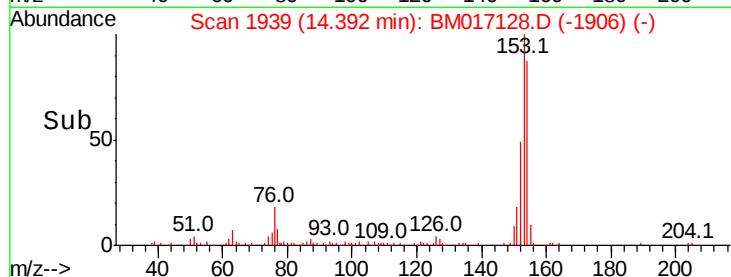
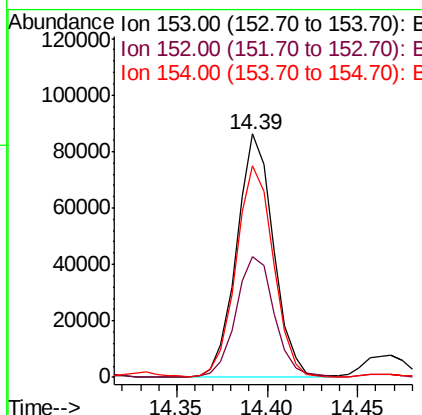
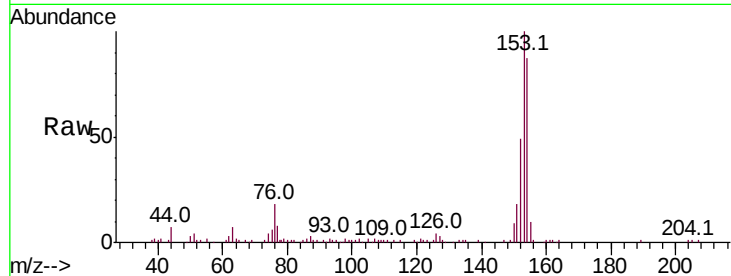
#50
Acenaphthene
Concen: 2.718 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampleID :
JLC25DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	49.5	38.3	57.5
154	86.8	71.0	106.6

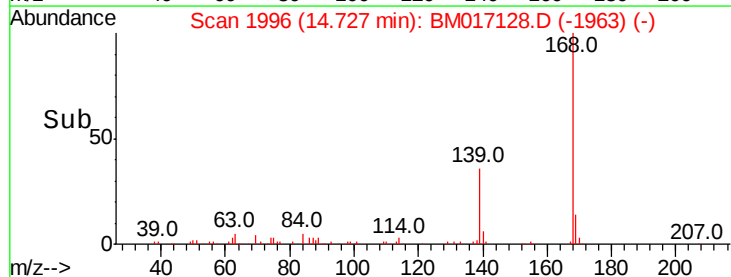
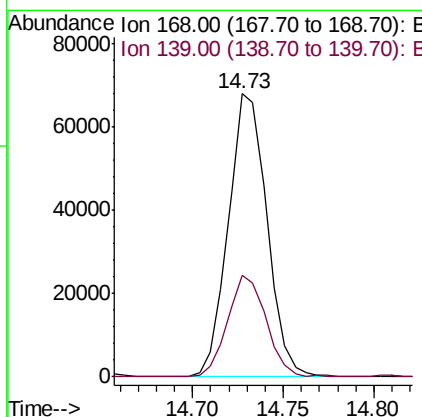
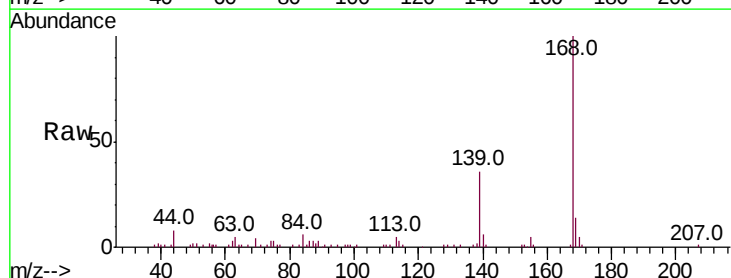
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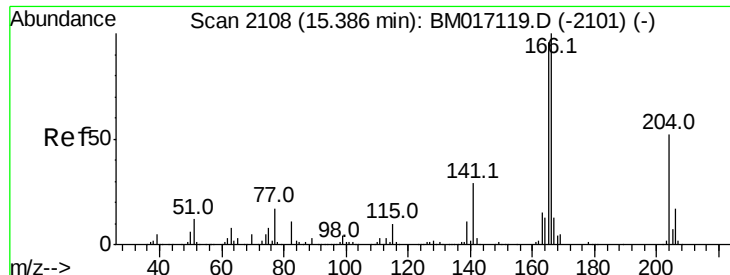
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#54
Dibenzofuran
Concen: 1.590 ng/ul
RT: 14.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.8	44.6





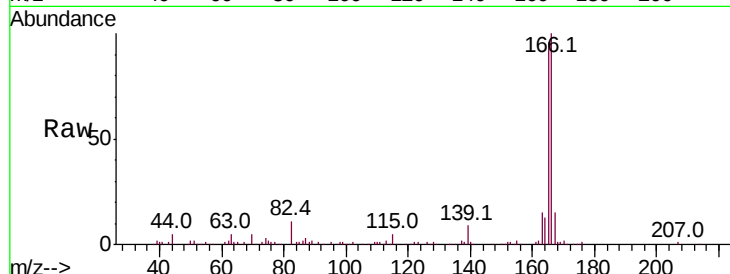
#59
Fluorene
 Concen: 2.821 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM017128.D
 Acq: 11 Oct 2018 16:18

Instrument :
 BNA_M
 ClientSampleID :
 JLC25DL

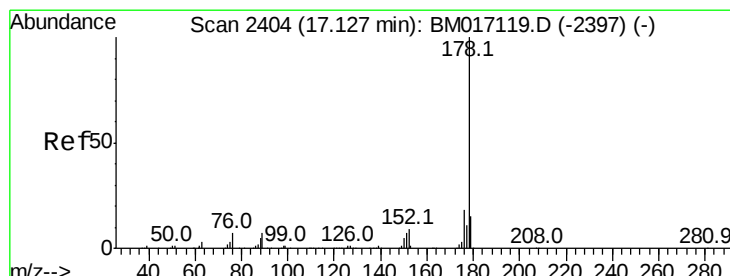
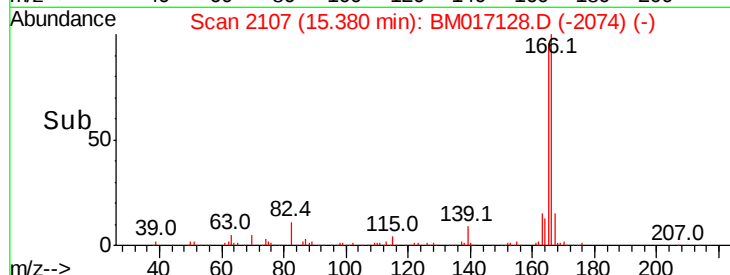
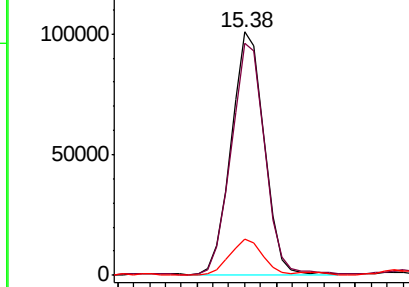
Tot Ion	Ratio	Resp	Lower	Upper
166	100	146033		
165	95.5	77.3	115.9	
167	15.1	10.7	16.1	

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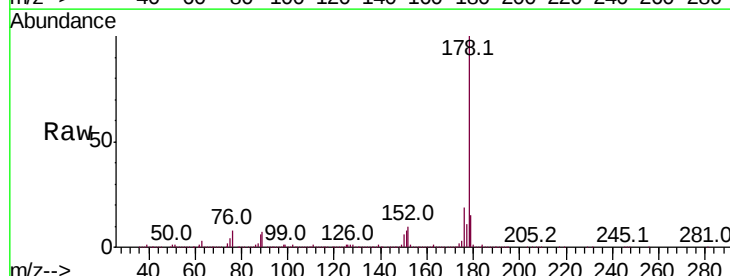


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

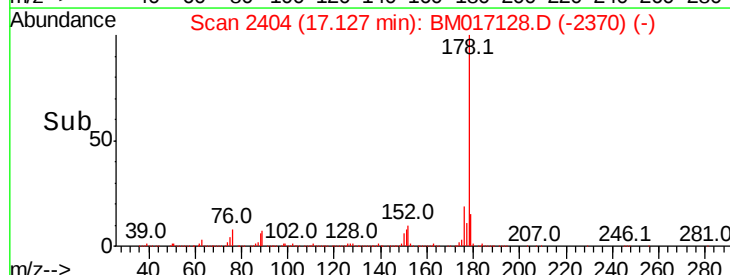
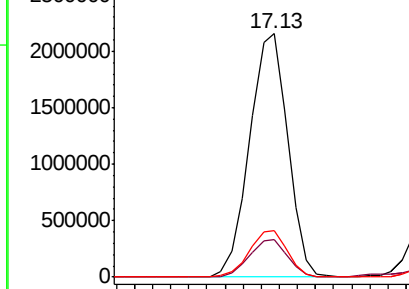


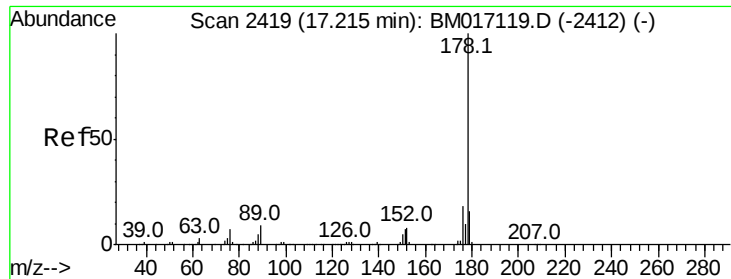
#70
Phenanthrene
 Concen: 40.268 ng/ul
 RT: 17.13 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BM017128.D
 Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3160991		
179	15.2	12.2	18.2	
176	18.9	15.0	22.4	



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





#72

Anthracene

Concen: 10.555 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BM017128.D

Acq: 11 Oct 2018 16:18

Instrument :

BNA_M

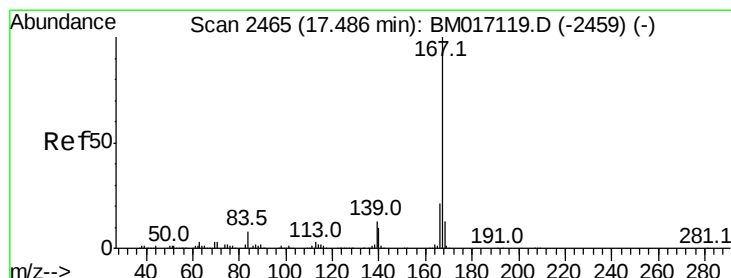
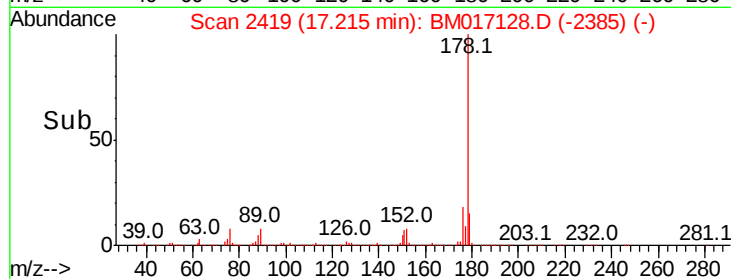
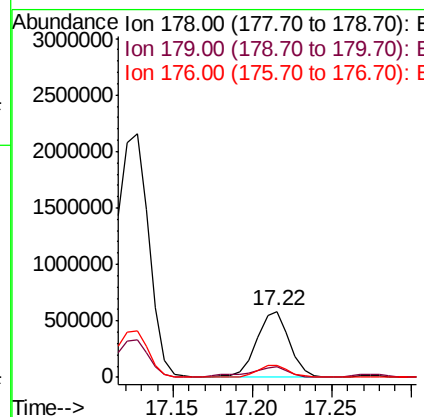
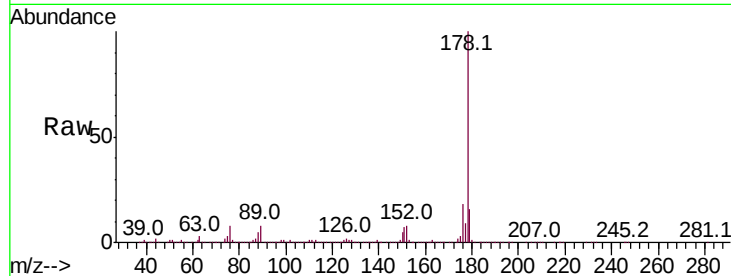
ClientSampled :

JLC25DL

Tot Ion:	178	Resp:	841906
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	18.1	14.6	22.0

Manual Integrations
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#75

Carbazole

Concen: 3.473 ng/ul

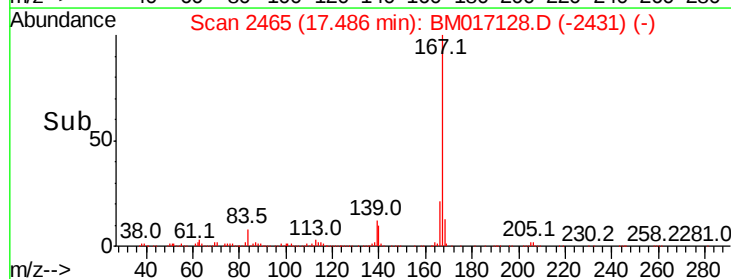
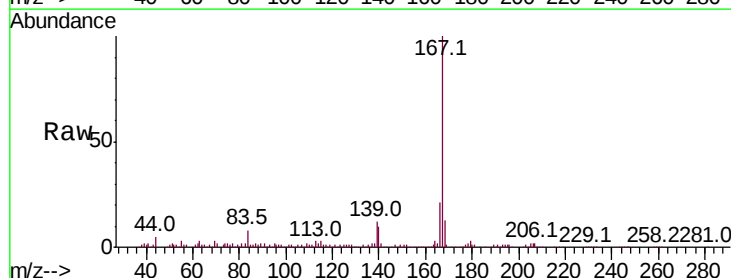
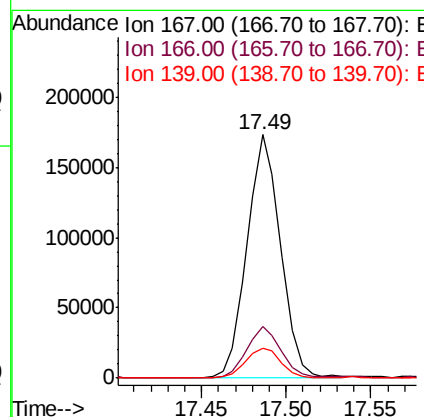
RT: 17.49 min Scan# 2465

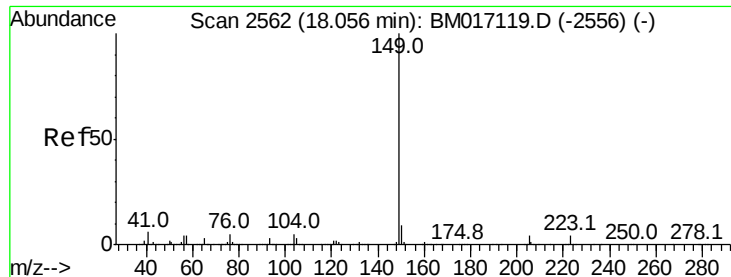
Delta R.T. 0.00 min

Lab File: BM017128.D

Acq: 11 Oct 2018 16:18

Tgt Ion:	167	Resp:	239727
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.0	25.4
139	12.3	10.0	15.0





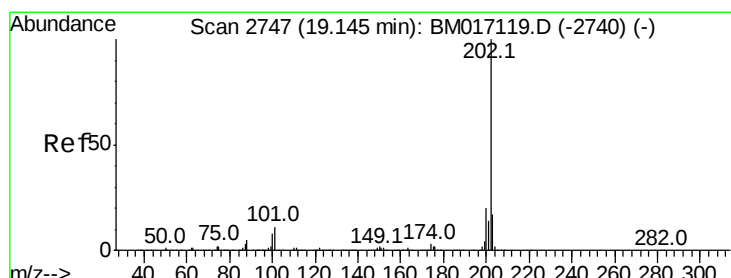
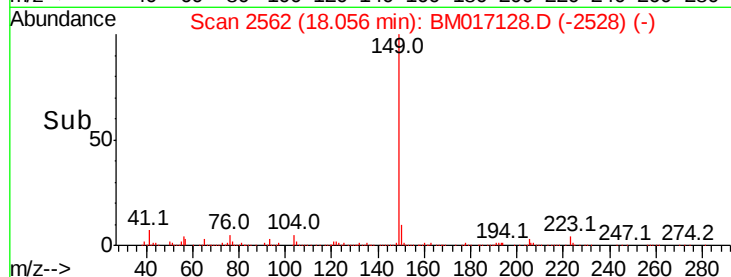
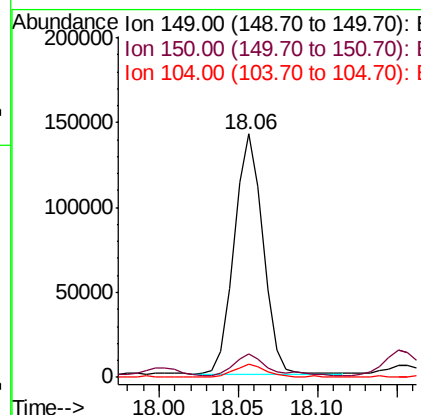
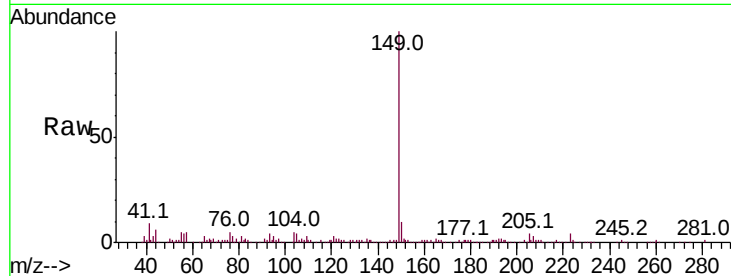
#76
Di-n-butylphthalate
Concen: 2.294 ng/ul
RT: 18.06 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampleId :
JLC25DL

Tot Ion	Ratio	Resp	Lower	Upper
149	100	177033		
150	9.9	7.4	11.0	
104	5.4	3.8	5.8	

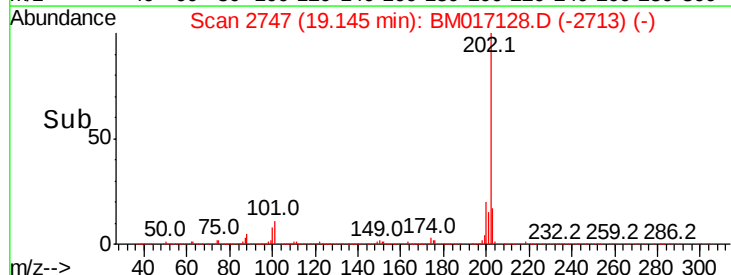
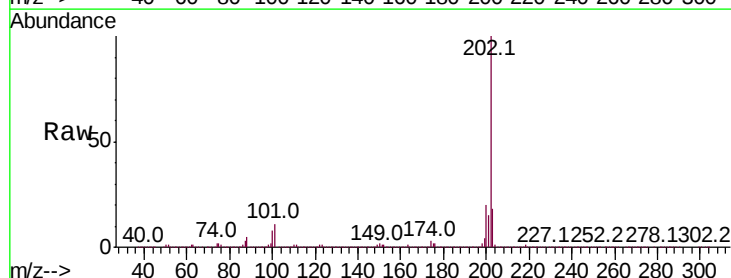
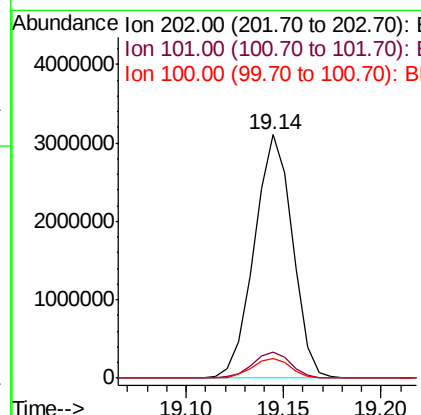
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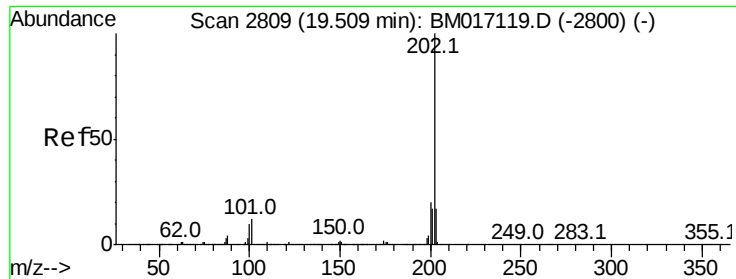
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#77
Fluoranthene
Concen: 46.299 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4209925		
101	10.6	8.3	12.5	
100	8.3	6.6	9.8	





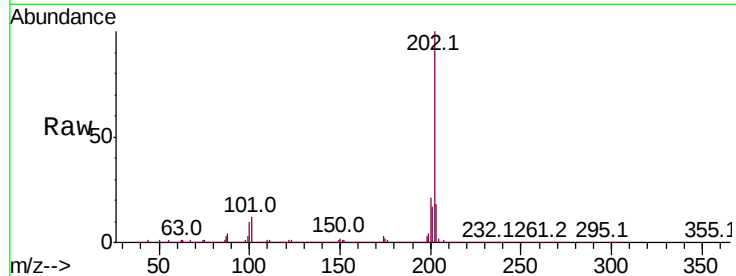
#80
Pvrene
Concen: 61.786 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampleId :
JLC25DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.8	16.2
100	10.4	8.9	13.3

Manual Integrations
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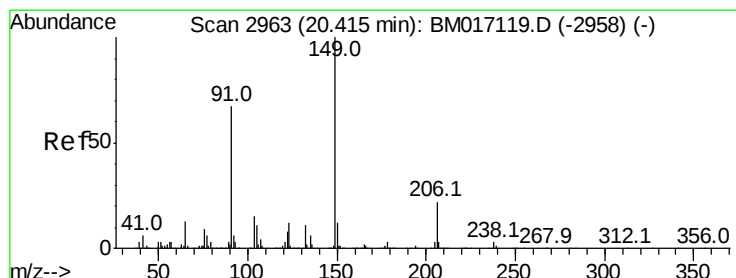
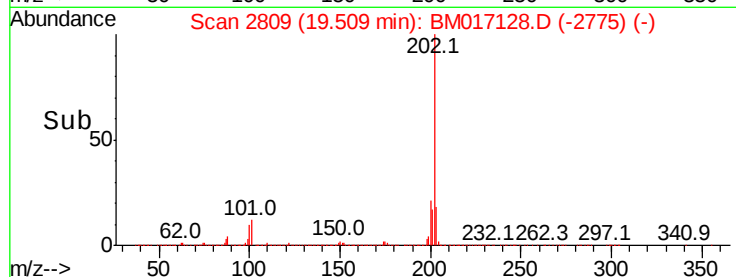
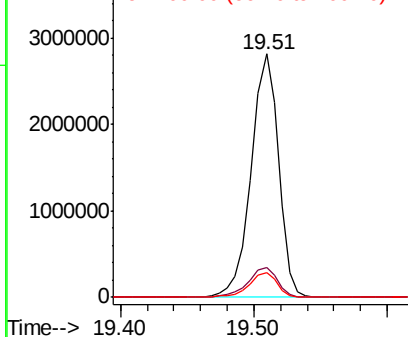


Abundance

Ion 202.00 (201.70 to 202.70): E

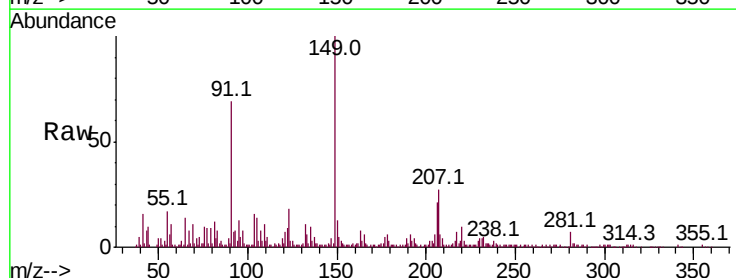
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81
Butylbenzylphthalate
Concen: 6.859 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	56.1	84.1
206	21.0	17.2	25.8

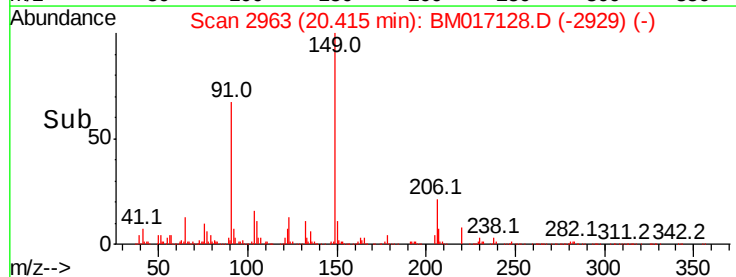
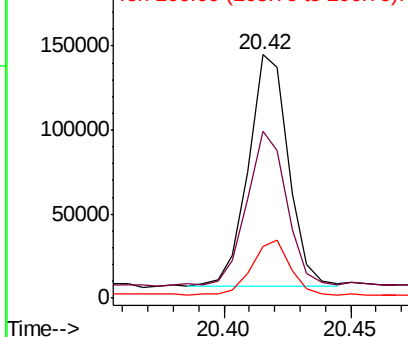


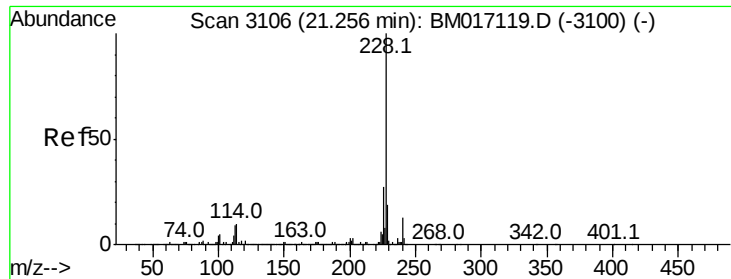
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





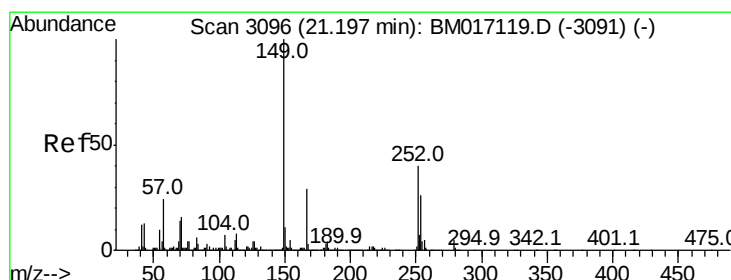
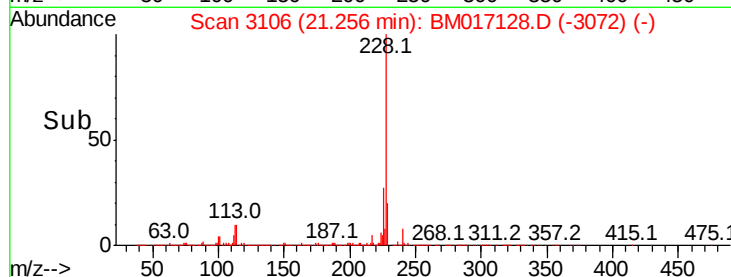
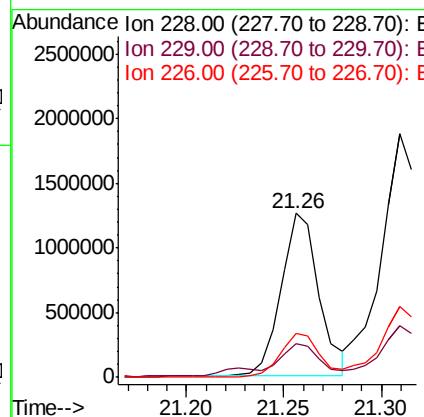
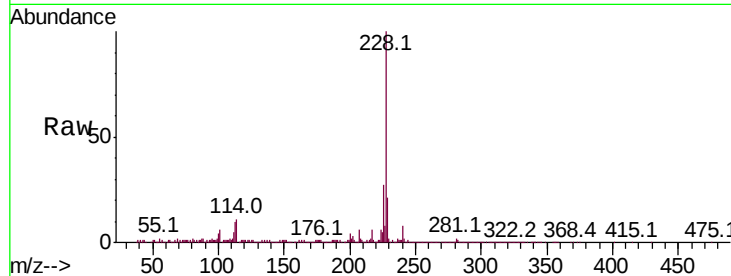
#83
Benzo(a)anthracene
Concen: 25.651 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampleID :
JLC25DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	26.8	20.9	31.3

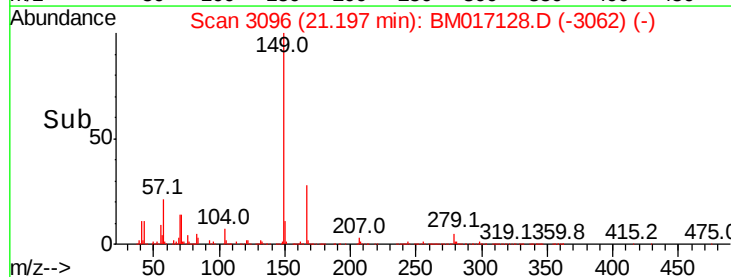
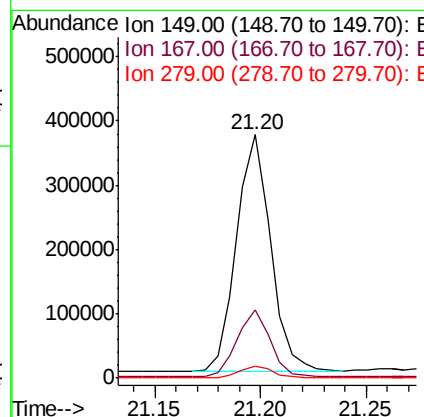
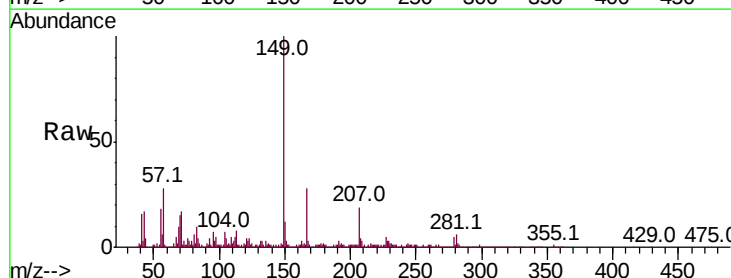
Manual Integrations
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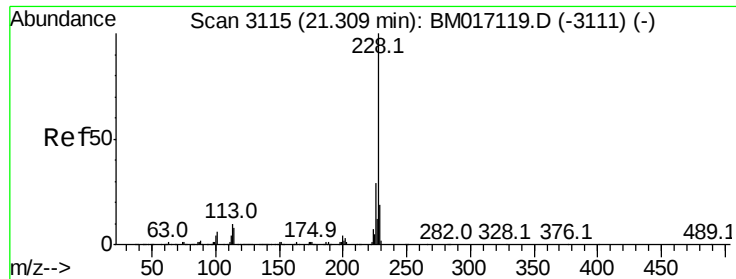
Sohil
10/12/2018 6:33:32 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 12.075 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	4.8	3.7	5.5





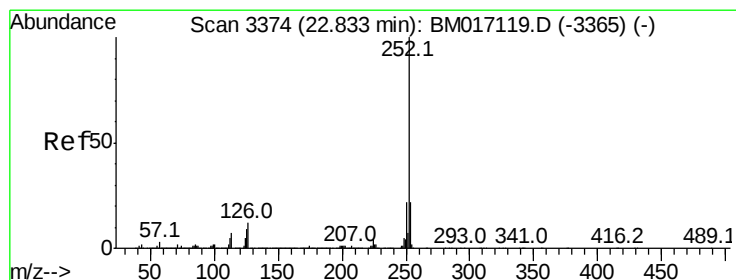
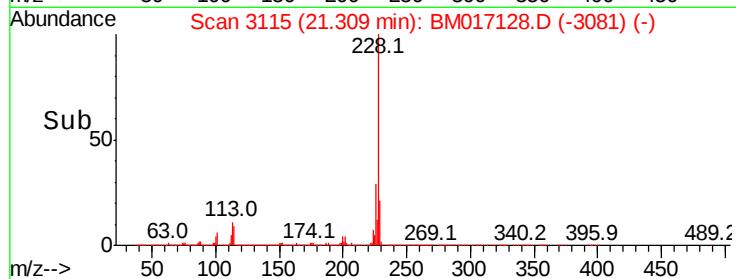
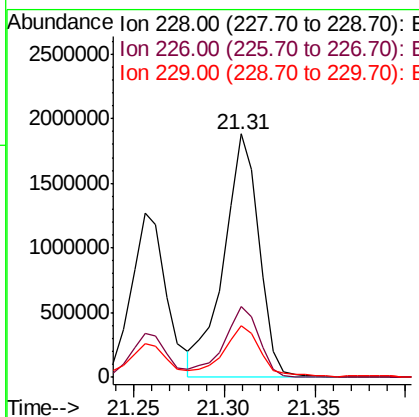
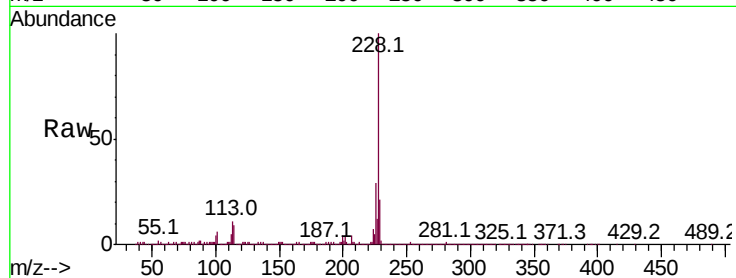
#85
Chrysene
Concen: 39.592 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampled :
JLC25DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.2	15.6	23.4

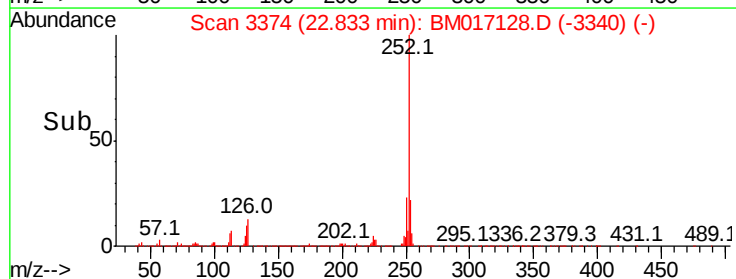
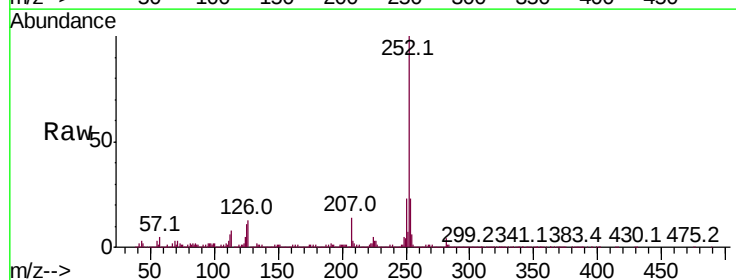
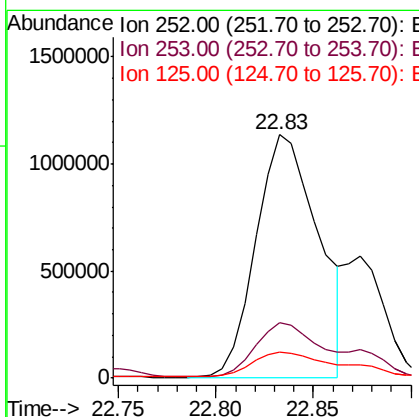
Manual Integrations
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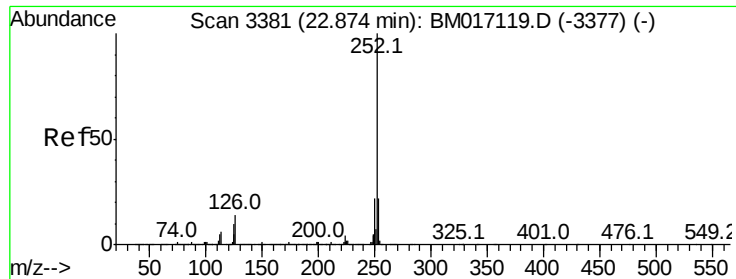
Sohil
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#88
Benzo(b)fluoranthene
Concen: 38.145 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.7	8.2	12.4





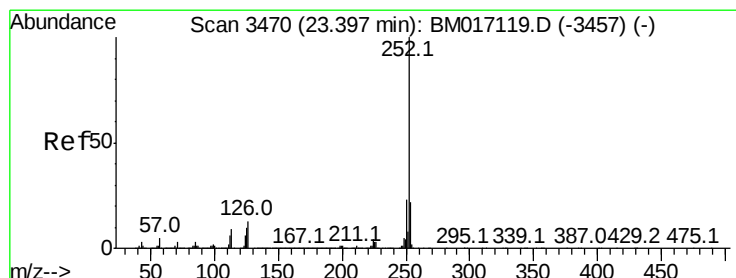
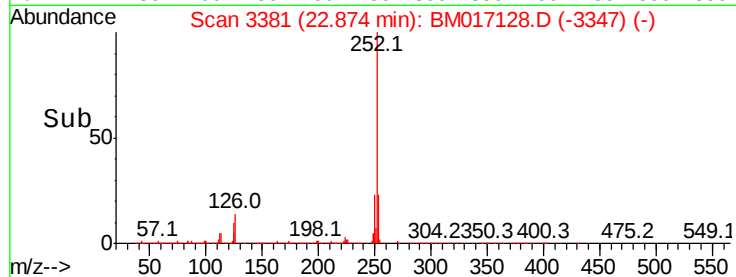
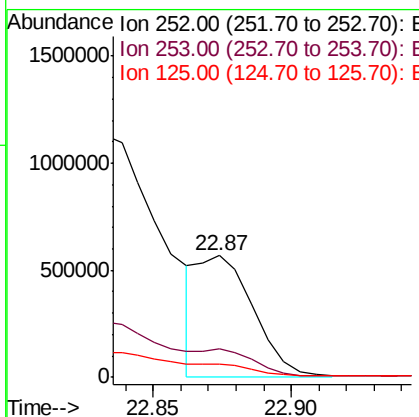
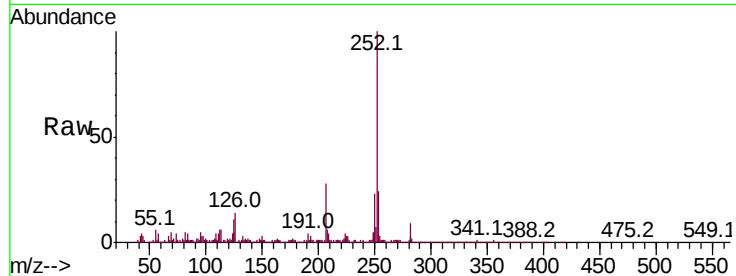
#89
Benzo(k)fluoranthene
Concen: 12.434 ng/ul m
RT: 22.87 min Scan# 3381
Delta R.T. -0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampleId :
JLC25DL

Tot Ion:	252	Resp:	786971
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.5	26.3
125	11.2	8.2	12.4

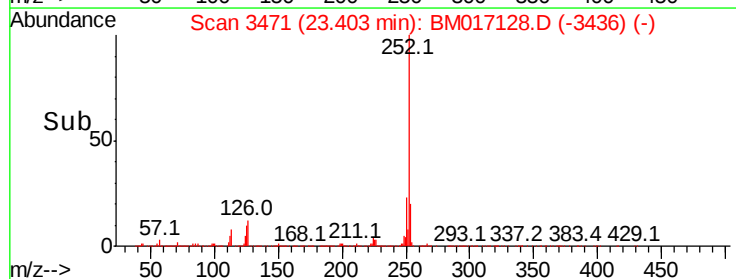
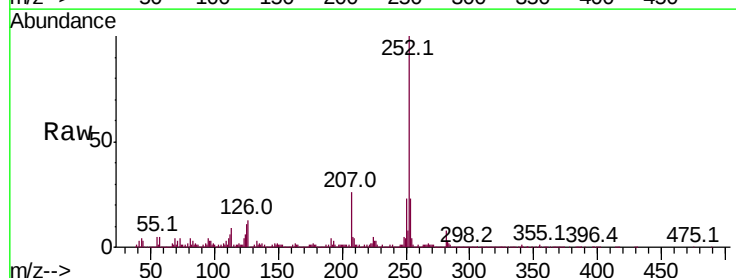
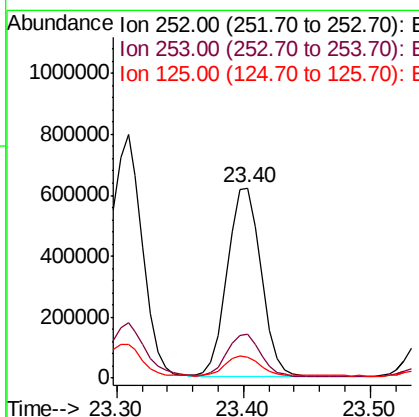
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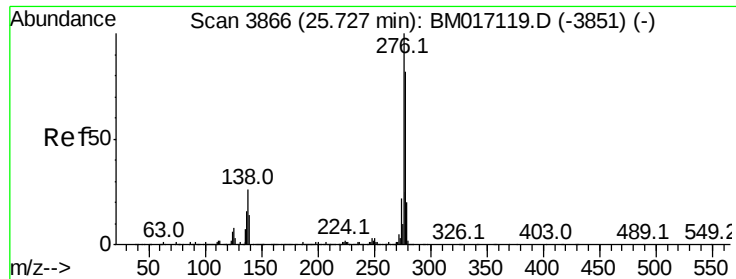
Sohil
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#91
Benzo(a)pyrene
Concen: 18.091 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion:	252	Resp:	1148653
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.4
125	11.3	9.0	13.6





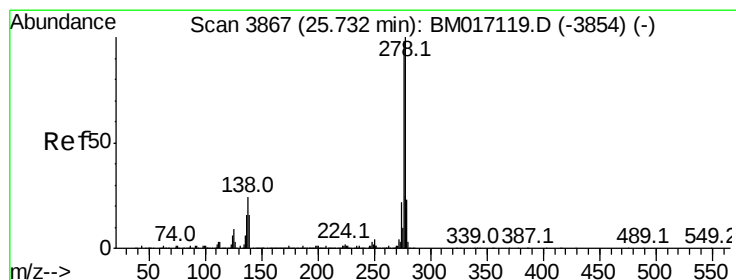
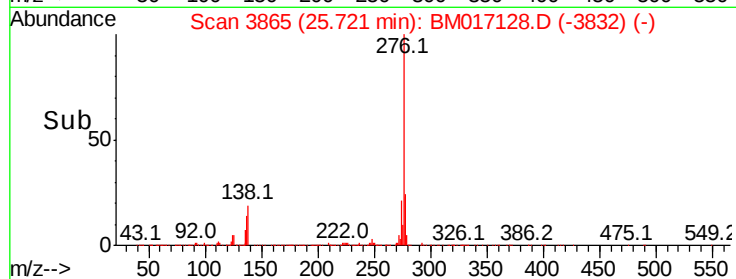
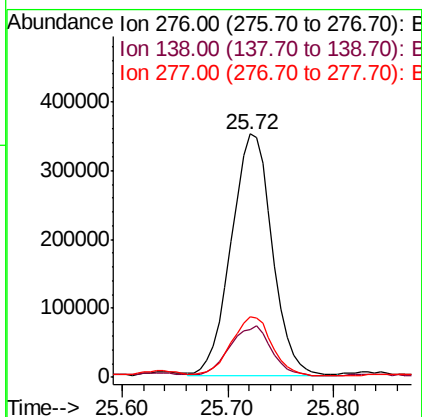
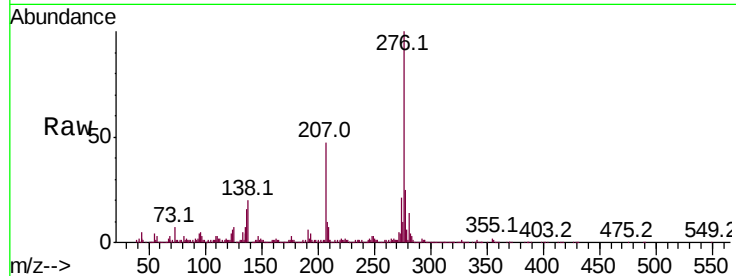
#92
Indeno(1,2,3-cd)pyrene
Concen: 12.586 ng/ul
RT: 25.72 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Instrument :
BNA_M
ClientSampleId :
JLC25DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.3	30.5#
277	24.8	20.2	30.2

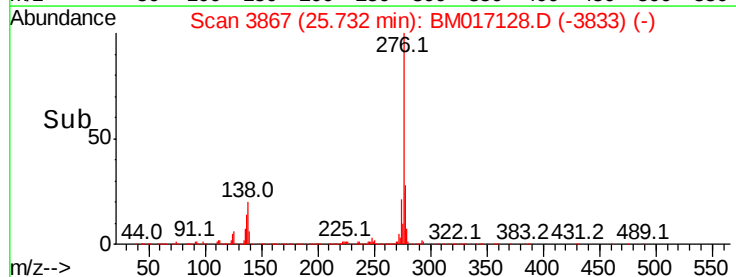
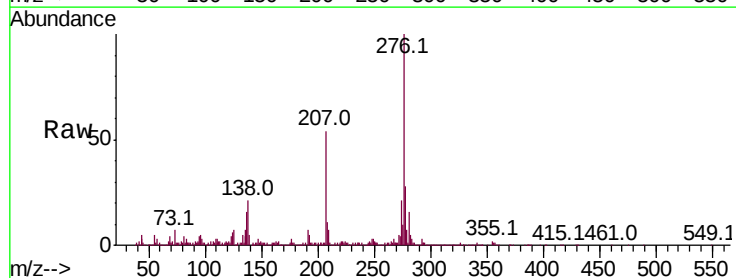
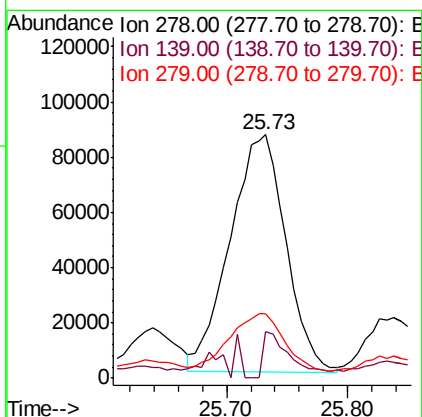
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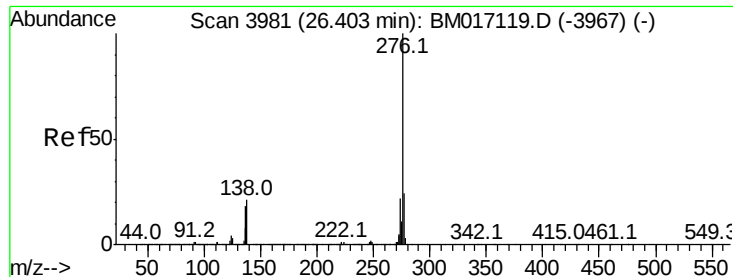
Sohil
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#93
Dibenzo(a,h)anthracene
Concen: 4.412 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. -0.00 min
Lab File: BM017128.D
Acq: 11 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.2	19.8
279	26.3	18.4	27.6





#94

Benzo(a,h,i)perylene

Concen: 16.137 ng/ul

RT: 26.41 min Scan# 3982

Delta R.T. 0.01 min

Lab File: BM017128.D

Acq: 11 Oct 2018 16:18

Instrument :

BNA_M

ClientSampleId :

JLC25DL

Tot Ion: 276 Resp: 1007252

Ion Ratio Lower Upper

276 100

138 21.5 17.5 26.3

277 24.4 18.5 27.7

Manual Integrations

APPROVED

Sohil

10/12/2018 6:33:32 PM

