

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020686.D
 Acq On : 04 Jun 2019 00:18
 Operator : HP/JU
 Sample : K3139-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-S

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:46:09 AM

Quant Time: Jun 04 07:04:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	224375	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	838251	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	414624	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	858677	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	893559	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1080114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1676436	131.43	ng	0.00
7) Phenol-d6	6.99	99	2273757	121.06	ng	0.00
23) Nitrobenzene-d5	8.99	82	1370668	84.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	642055	124.98	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	2783651	89.25	ng	-0.01
79) Terphenyl-d14	19.83	244	3753358	70.26	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.92	163	162533	4.588	ng	99
71) Phenanthrene	17.24	178	533952	10.970	ng	98
75) Fluoranthene	19.26	202	502321	9.280	ng	97
78) Pyrene	19.62	202	389279	5.677	ng	99
81) Benzo(a)anthracene	21.36	228	264224	4.246	ng	99
83) Chrysene	21.42	228	225937	3.820	ng	97
88) Benzo(b)fluoranthene	22.98	252	262803m	3.681	ng	
90) Benzo(a)pyrene	23.56	252	162408	2.508	ng	99

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

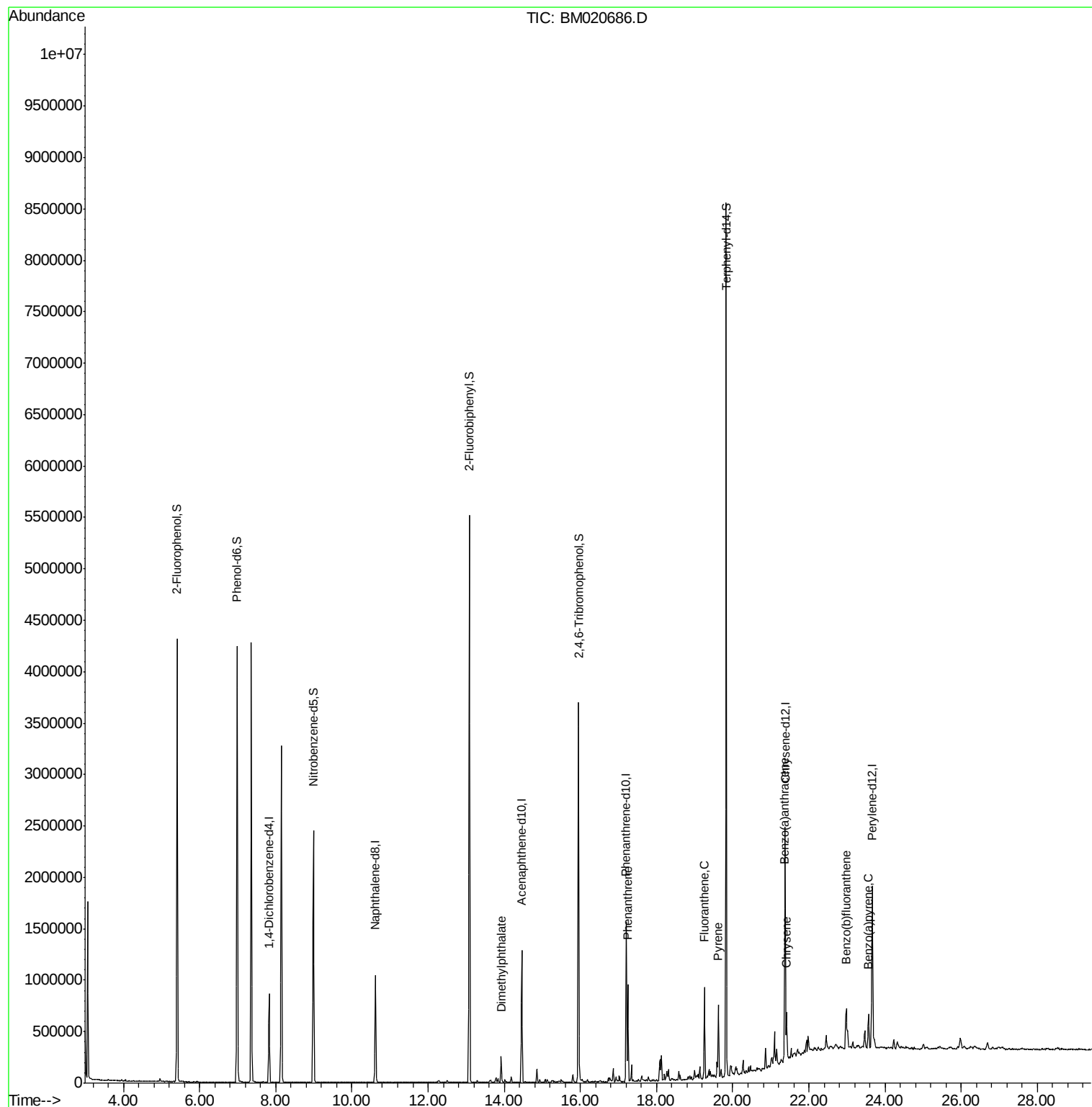
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

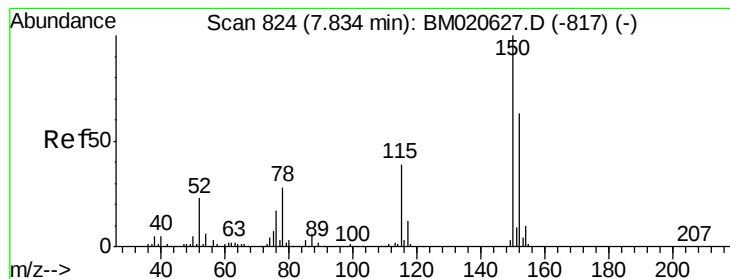
Instrument :
BNA_M
ClientSampleId :
TP-1A-S

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Quant Time: Jun 04 07:04:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration





#1

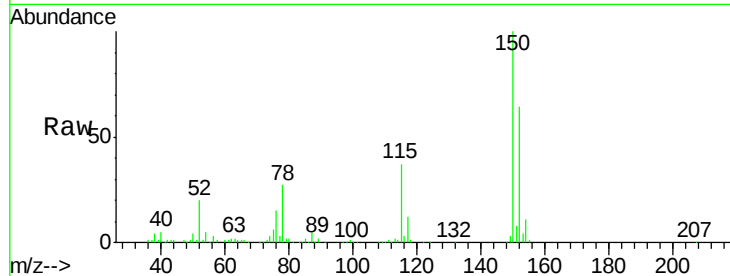
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Instrument :
BNA_M
ClientSampleId :
TP-1A-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.0	189.0
115	58.2	49.6	74.4

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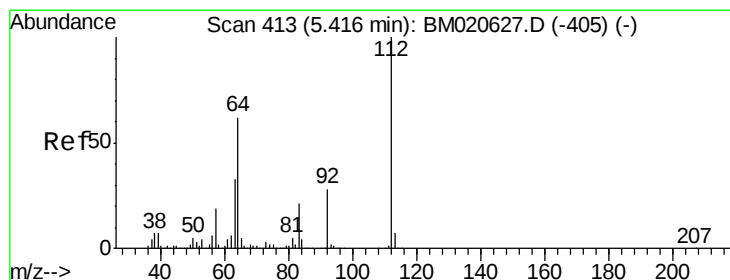
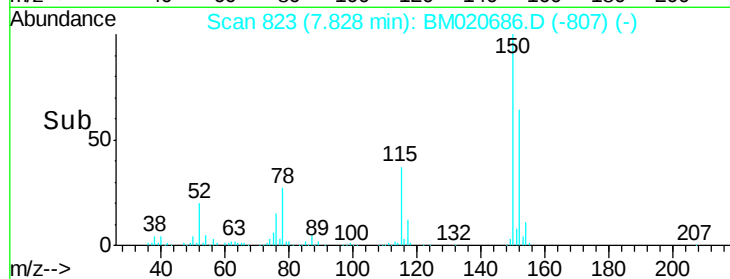
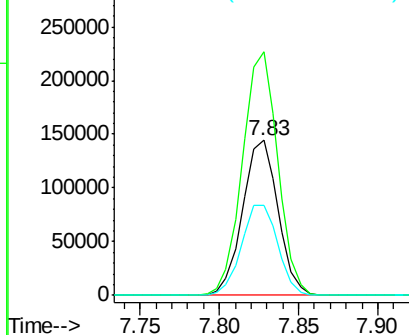


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

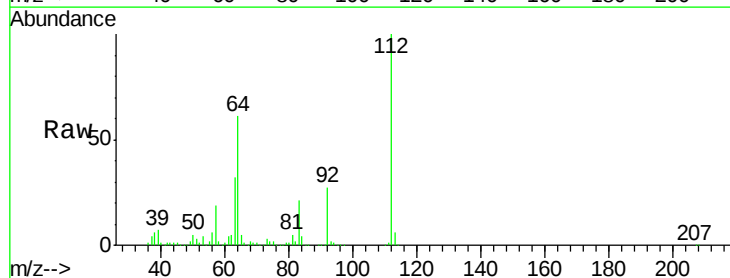
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.430 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.7	74.5
63	31.7	26.4	39.6

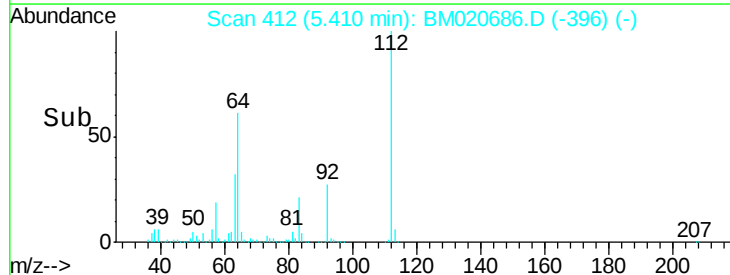
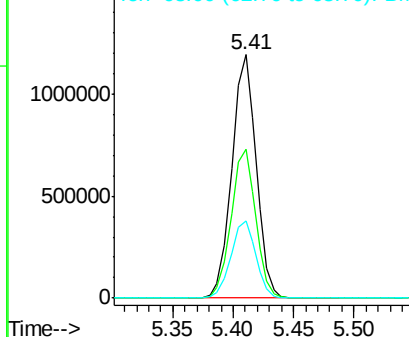


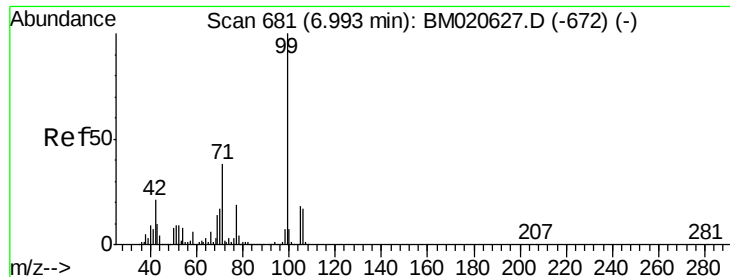
Abundance

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: 121.062 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020686.D

Acq: 04 Jun 2019 00:18

Instrument :

BNA_M

ClientSampleId :

TP-1A-S

Tot Ion: 99 Resp: 2273757

Ion Ratio Lower Upper

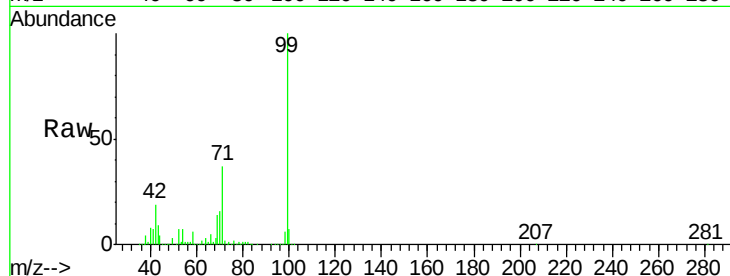
99 100

42 19.3 16.5 24.7

71 37.4 30.7 46.1

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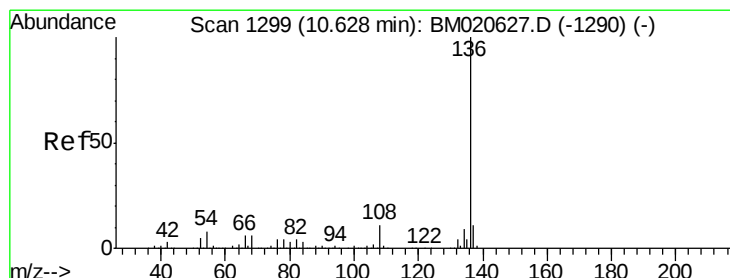
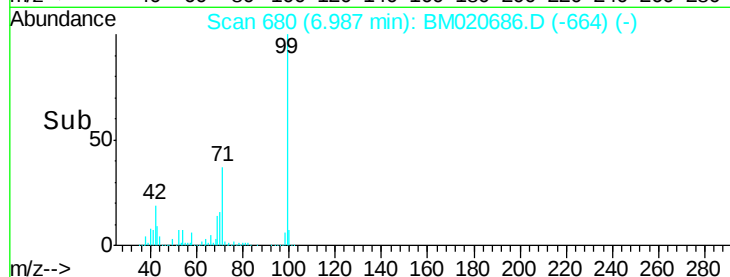
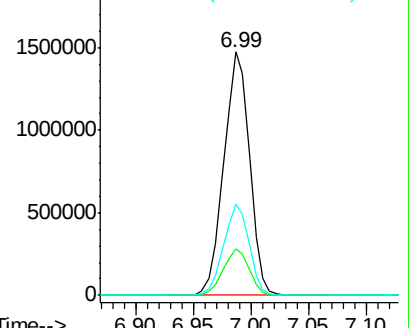
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Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020686.D

Acq: 04 Jun 2019 00:18

Tgt Ion: 136 Resp: 838251

Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.0 6.6 10.0

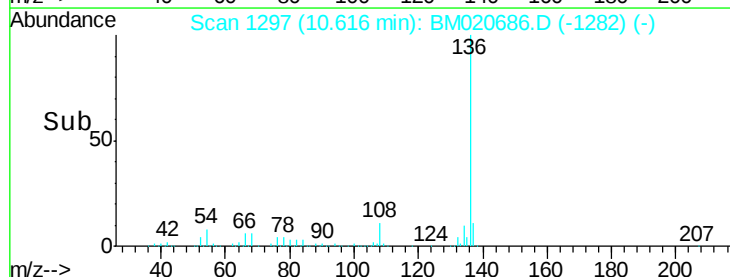
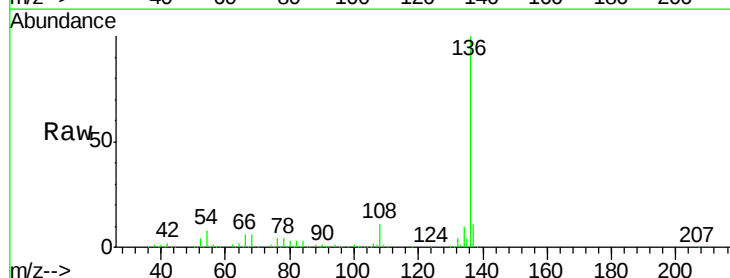
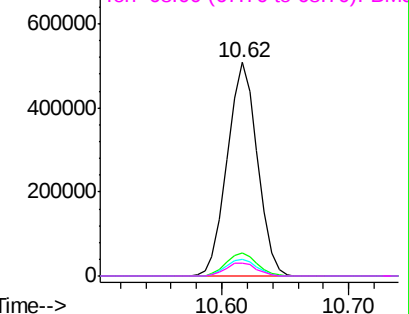
68 6.2 5.1 7.7

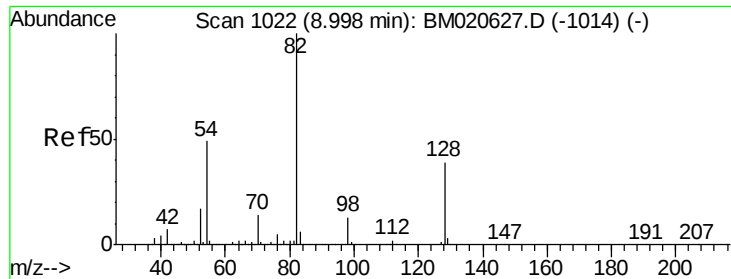
Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

Ion 137.00 (136.70 to 137.70): BM020627.D (-1290) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1290) (-)

Ion 68.00 (67.70 to 68.70): BM020627.D (-1290) (-)





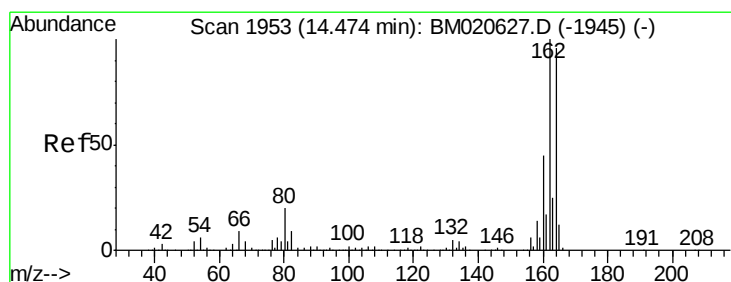
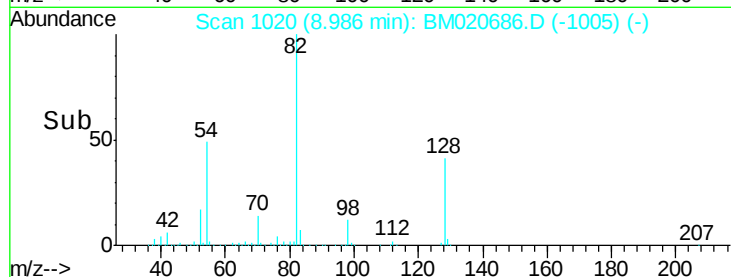
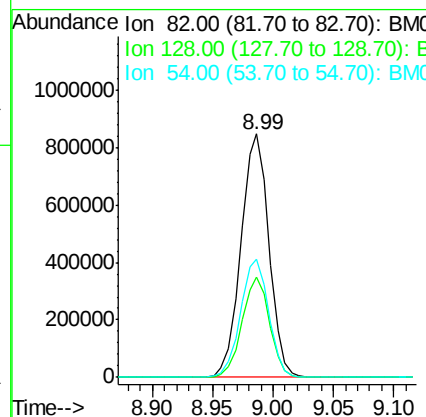
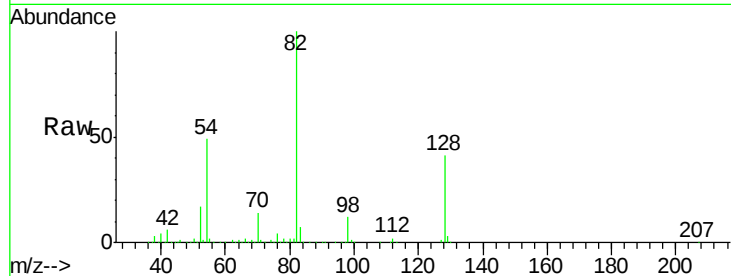
#23
Nitrobenzene-d5
Concen: 84.720 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Instrument :
BNA_M
ClientSampled :
TP-1A-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.5	47.3
54	48.5	39.4	59.0

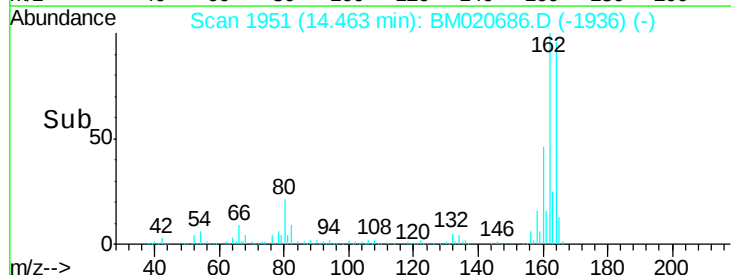
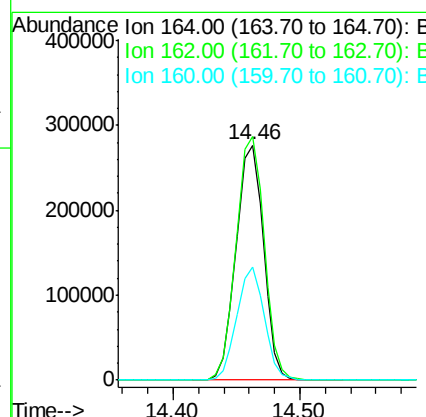
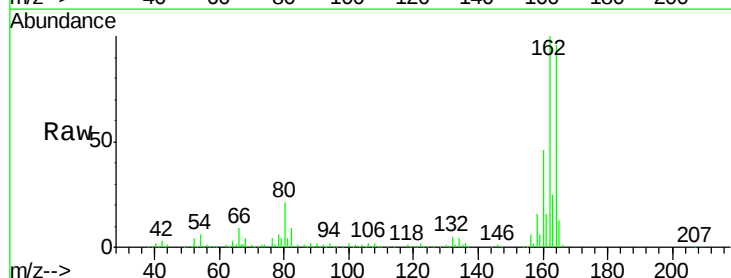
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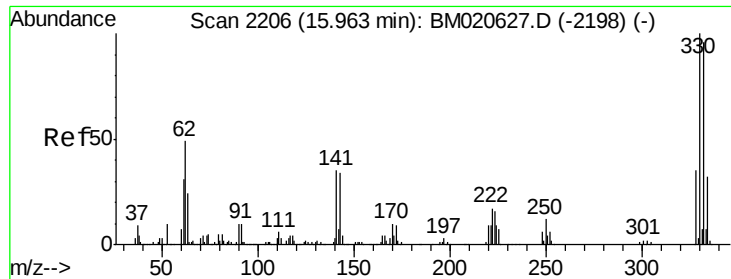
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.2	124.8
160	48.2	37.5	56.3





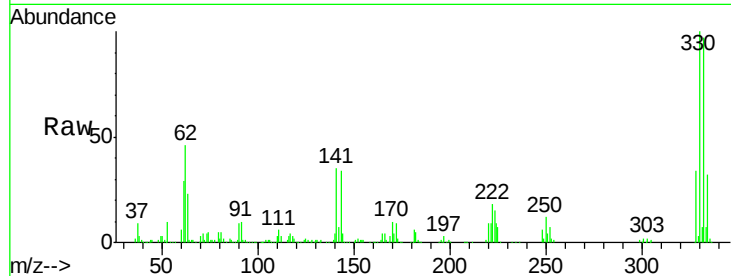
#42
 2,4,6-Tribromophenol
 Concen: 124.983 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020686.D
 Acq: 04 Jun 2019 00:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	36.9	30.4	45.6

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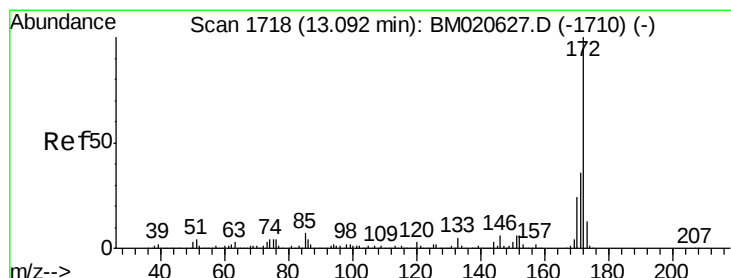
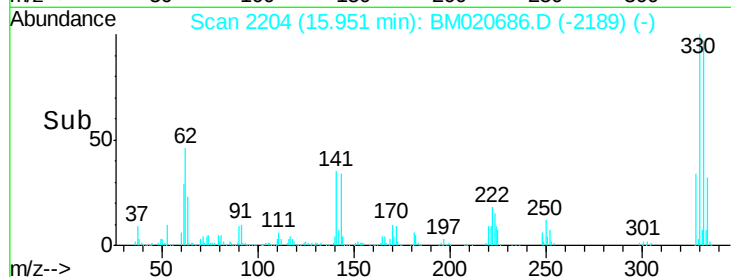
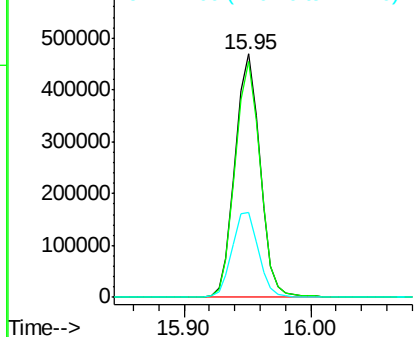


Abundance

Ion 329.80 (329.50 to 330.50): E

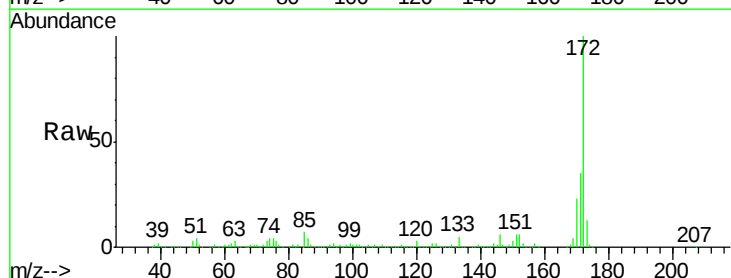
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.255 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020686.D
 Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.2	18.9	28.3

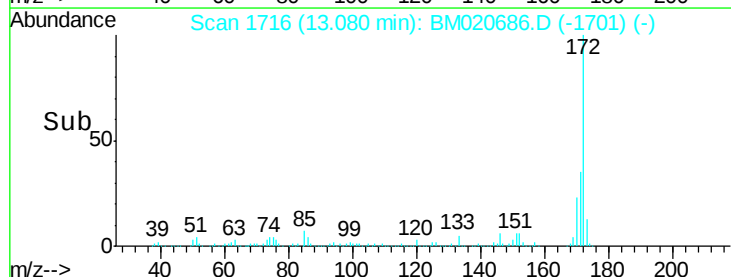
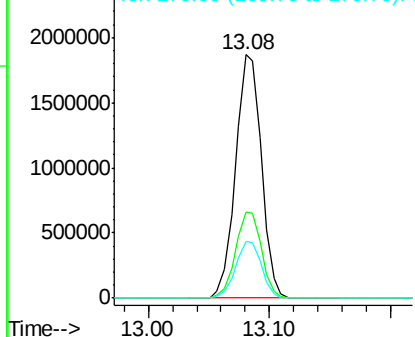


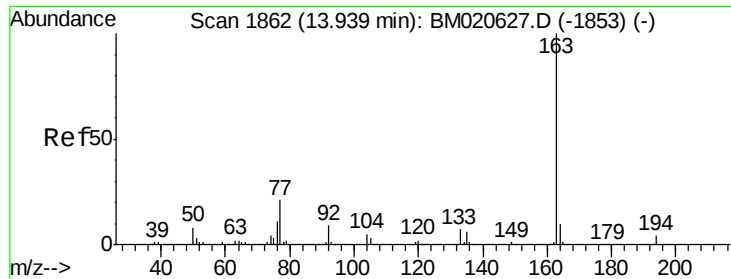
Abundance

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





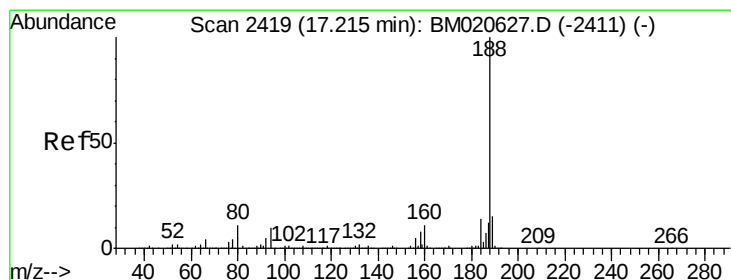
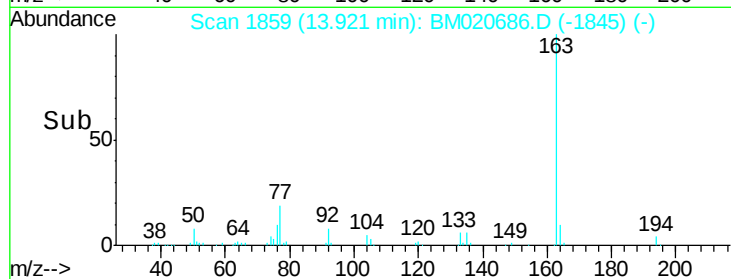
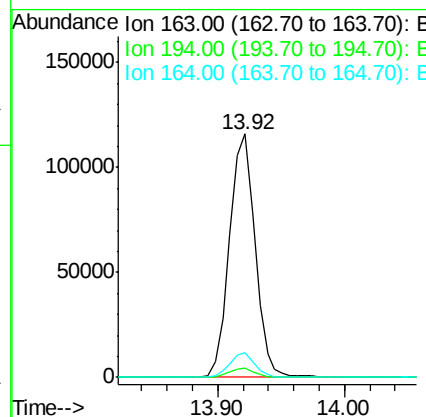
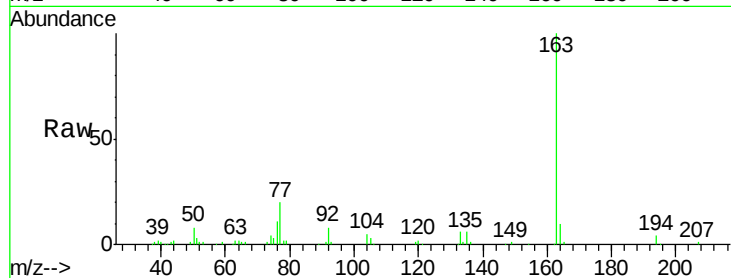
#50
Dimethylphthalate
Concen: 4.588 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Instrument :
BNA_M
ClientSampleId :
TP-1A-S

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.2	4.8
164	10.2	7.9	11.9

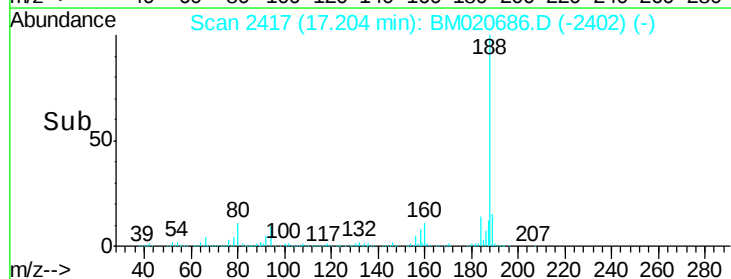
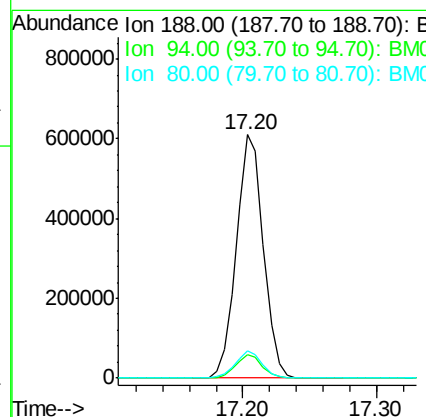
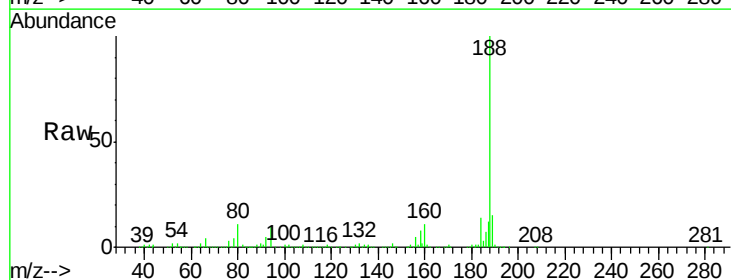
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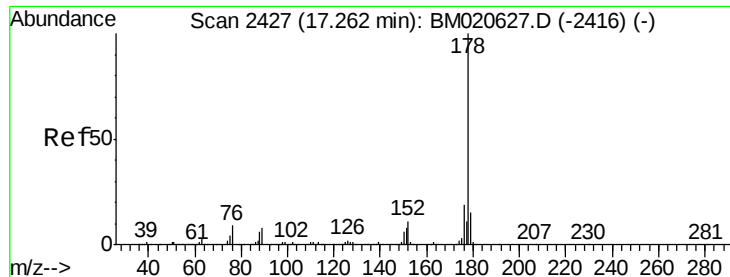
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	7.8	11.8
80	11.1	9.0	13.6





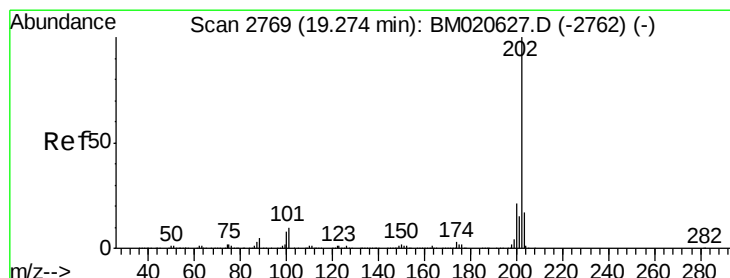
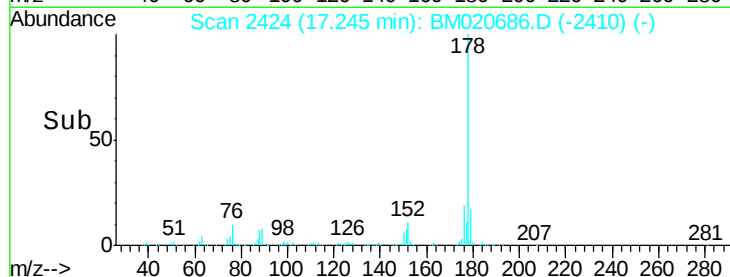
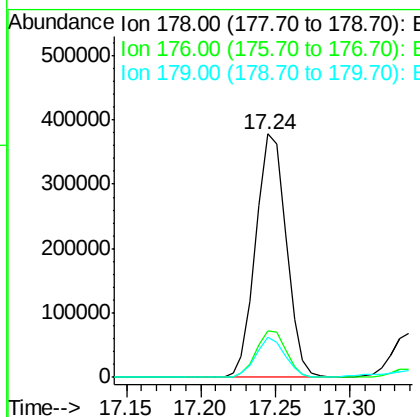
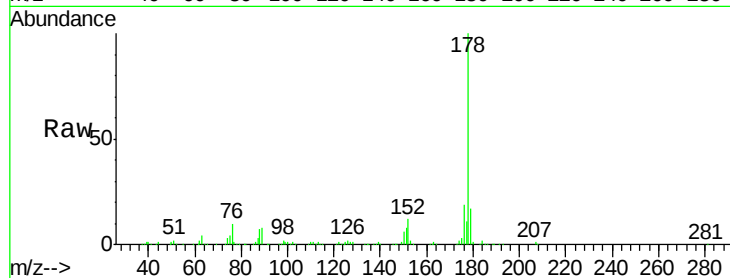
#71
Phenanthrene
Concen: 10.970 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Instrument :
BNA_M
ClientSampleId :
TP-1A-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.5	12.2	18.4

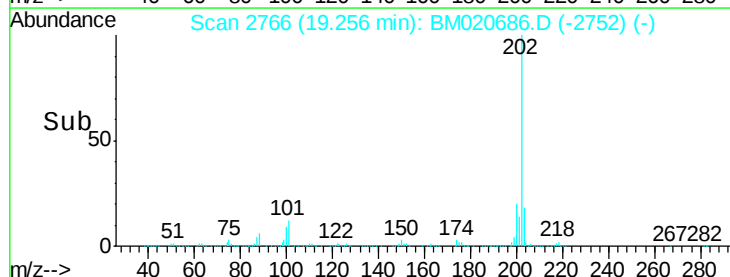
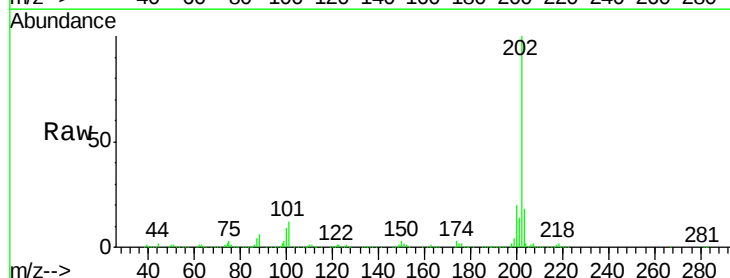
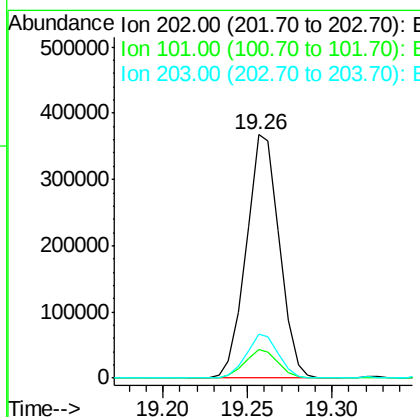
Manual Integrations
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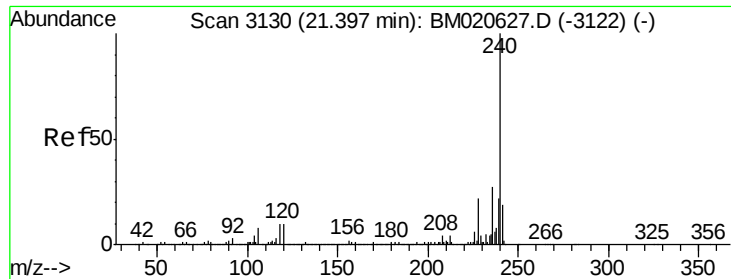
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#75
Fluoranthene
Concen: 9.280 ng
RT: 19.26 min Scan# 2766
Delta R.T. -0.02 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.4
203	18.1	0.0	37.3





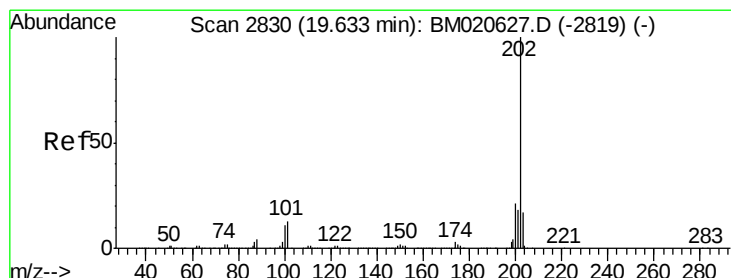
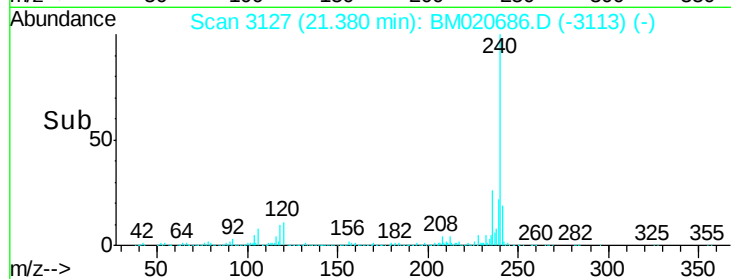
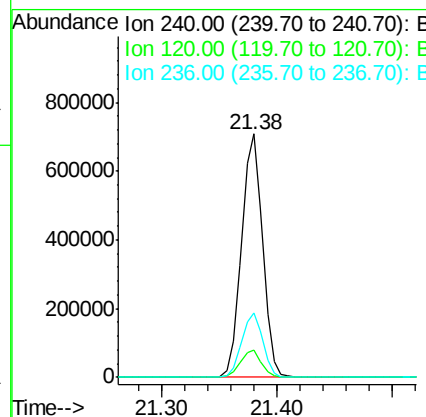
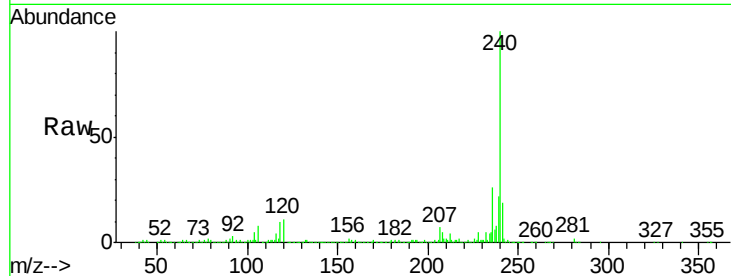
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Instrument :
BNA_M
ClientSampleId :
TP-1A-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100	893559		
120	11.2		8.2	12.2
236	26.4		21.2	31.8

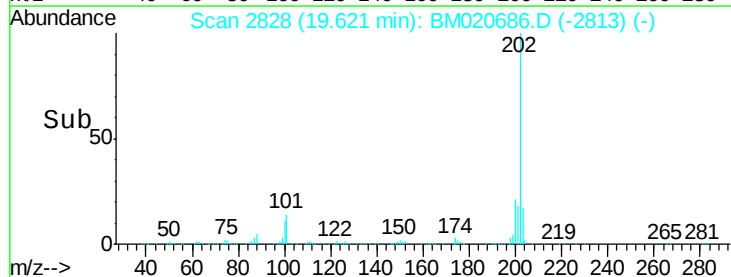
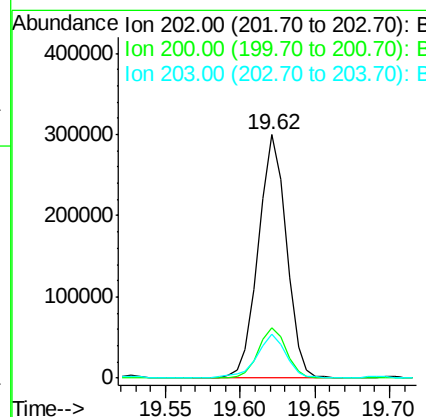
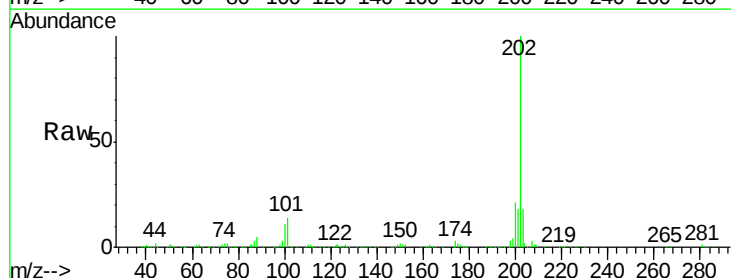
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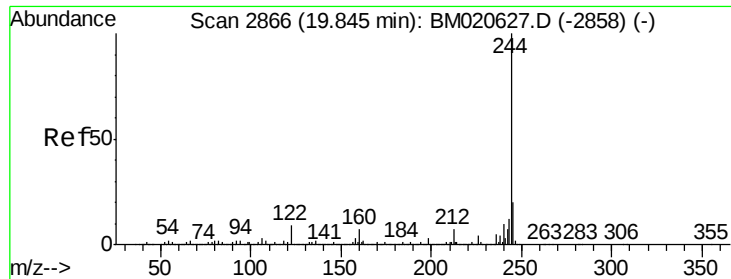
mohammad
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#78
Pyrene
Concen: 5.677 ng
RT: 19.62 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	389279		
200	20.7		16.8	25.2
203	17.8		13.9	20.9





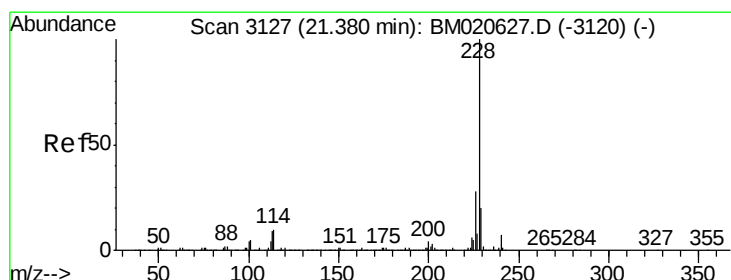
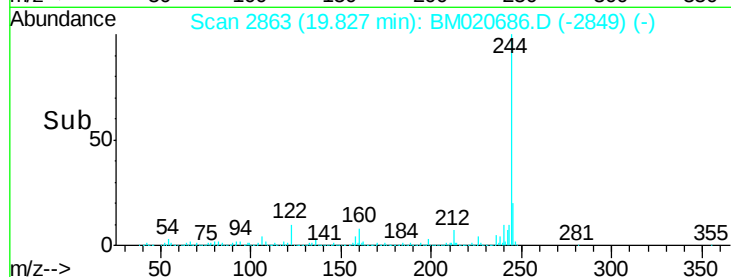
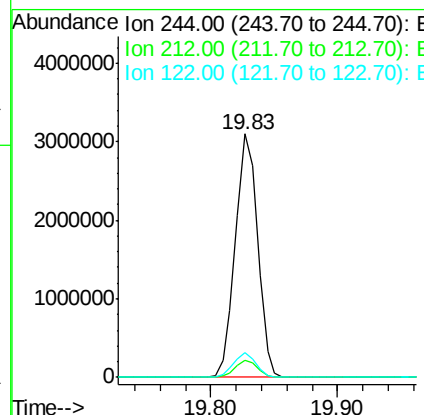
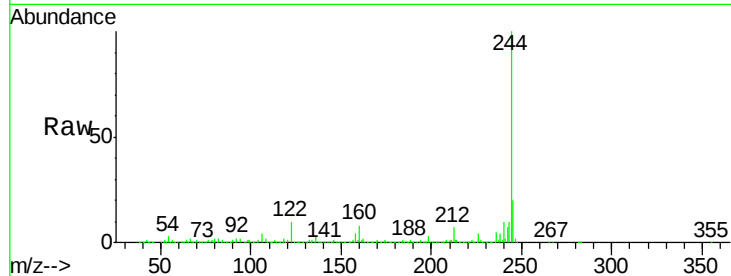
#79
 Terphenyl-d14
 Concen: 70.259 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020686.D
 Acq: 04 Jun 2019 00:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-S

Tot Ion:244 Resp: 3753358
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.2 7.2 10.8

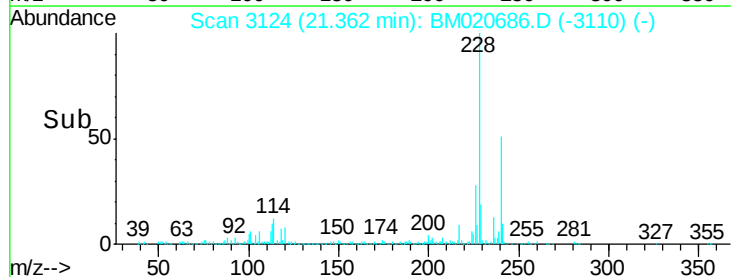
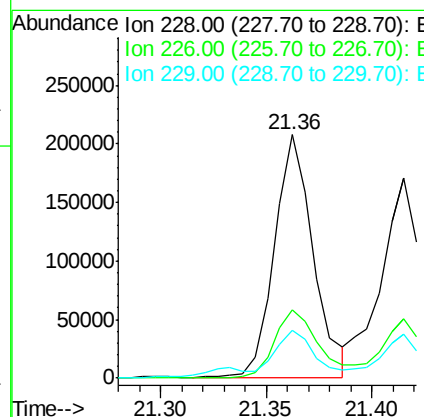
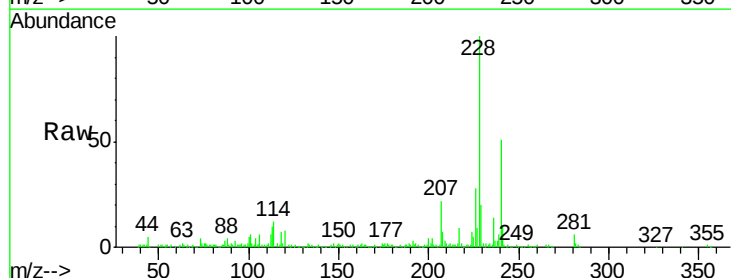
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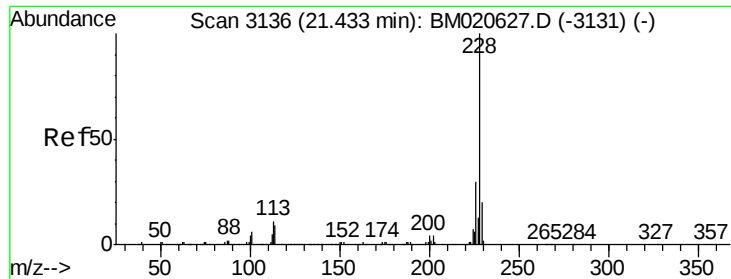
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#81
 Benzo(a)anthracene
 Concen: 4.246 ng
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BM020686.D
 Acq: 04 Jun 2019 00:18

Tgt Ion:228 Resp: 264224
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.3 33.5
 229 19.7 15.9 23.9





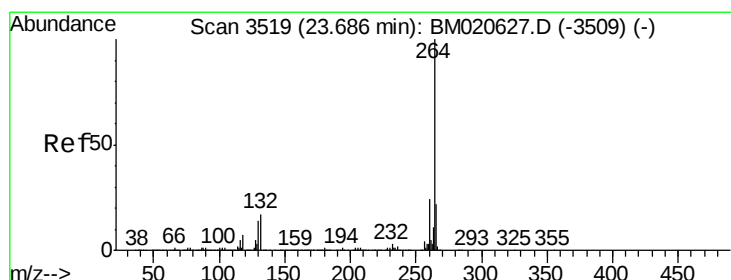
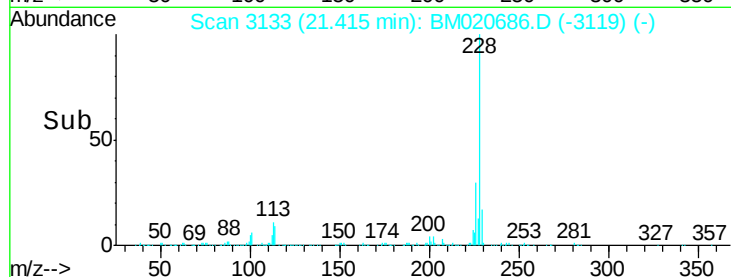
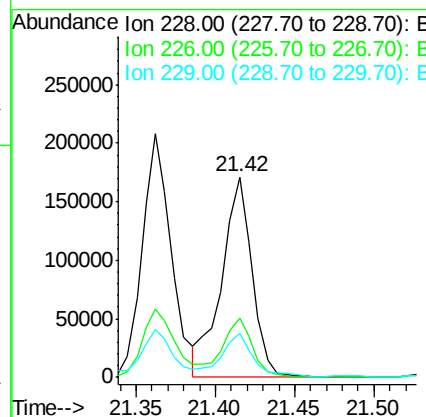
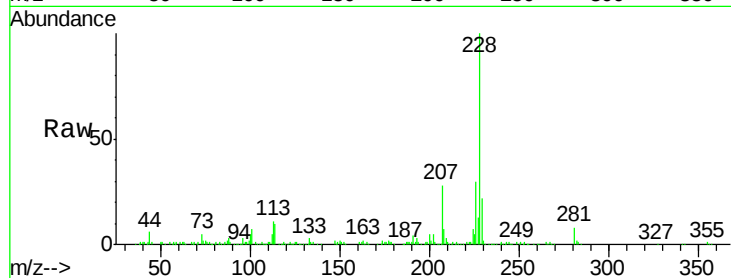
#83
Chrysene
Concen: 3.820 ng
RT: 21.42 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Instrument :
BNA_M
ClientSampled :
TP-1A-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	22.1	15.8	23.6

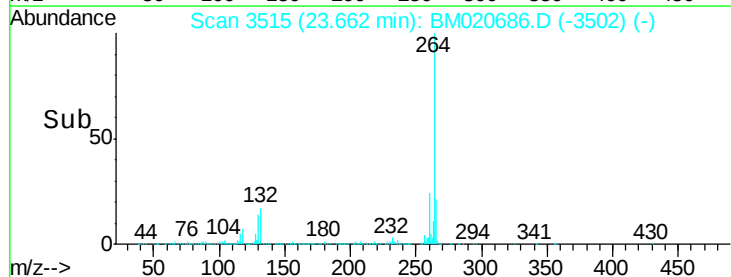
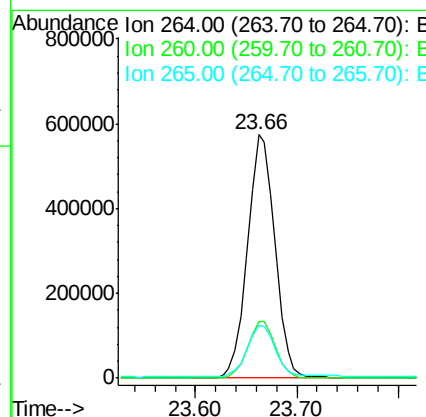
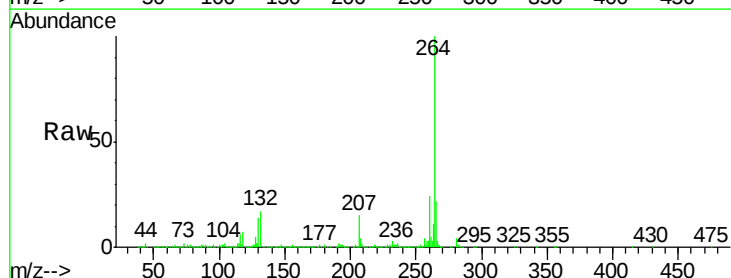
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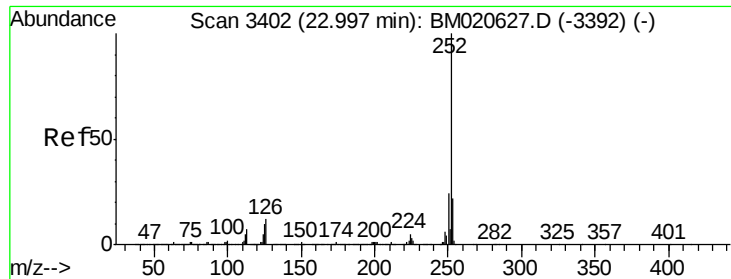
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.6	26.4





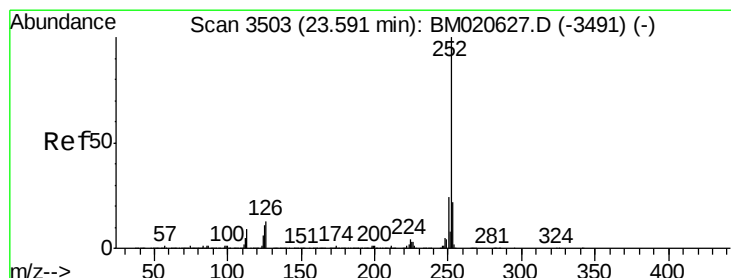
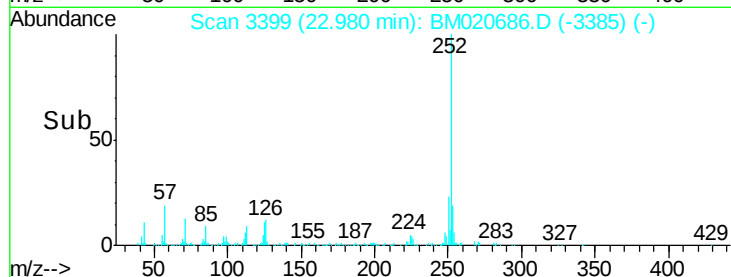
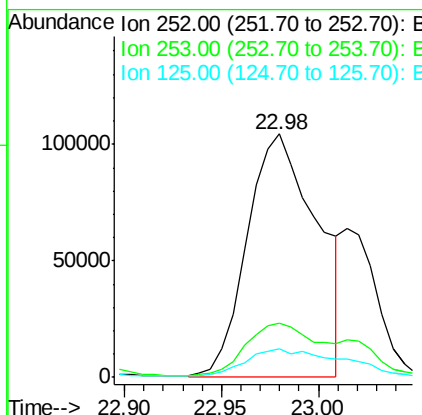
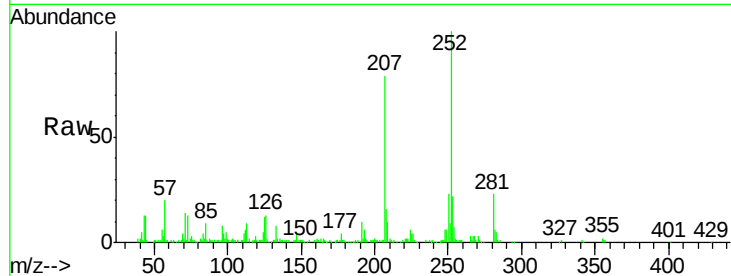
#88
Benzo(b)fluoranthene
Concen: 3.681 ng m
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Instrument :
BNA_M
ClientSampled :
TP-1A-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.7	7.8	11.8

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.508 ng
RT: 23.56 min Scan# 3498
Delta R.T. -0.03 min
Lab File: BM020686.D
Acq: 04 Jun 2019 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.3	8.6	13.0

