

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
 Data File : BM026304.D
 Acq On : 09 Jun 2020 15:17
 Operator : JU/CG
 Sample : L2939-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PHC-326FB-010

Manual Integrations
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mohammad
 6/10/2020 11:51:25 AM

Quant Time: Jun 09 15:50:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	164556	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	642078	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	378641	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	770866	20.00	ng	0.00
76) Chrysene-d12	21.05	240	784079	20.00	ng	0.00
86) Perylene-d12	23.16	264	845307	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	715710	76.90	ng	0.00
7) Phenol-d6	6.64	99	993898	73.75	ng	0.00
23) Nitrobenzene-d5	8.57	82	671588	51.36	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	357918	78.03	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1350020	54.12	ng	0.00
79) Terphenyl-d14	19.49	244	2040574	50.52	ng	0.00
Target Compounds						
32) Benzoic acid	9.49	122	4814m	5.788	ng	
50) Dimethylphthalate	13.56	163	144591	5.221	ng	96
71) Phenanthrene	16.87	178	179882	4.481	ng	99
75) Fluoranthene	18.90	202	340562	7.400	ng	99
78) Pyrene	19.27	202	343875	6.638	ng	99
81) Benzo(a)anthracene	21.03	228	163882	3.482	ng	# 87
83) Chrysene	21.09	228	185155	4.128	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.23	276	150185m	3.071	ng	
88) Benzo(b)fluoranthene	22.54	252	274220m	5.393	ng	
90) Benzo(a)pyrene	23.07	252	187735	4.157	ng	# 81
92) Benzo(g,h,i)perylene	25.86	276	199762	5.142	ng	# 93

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

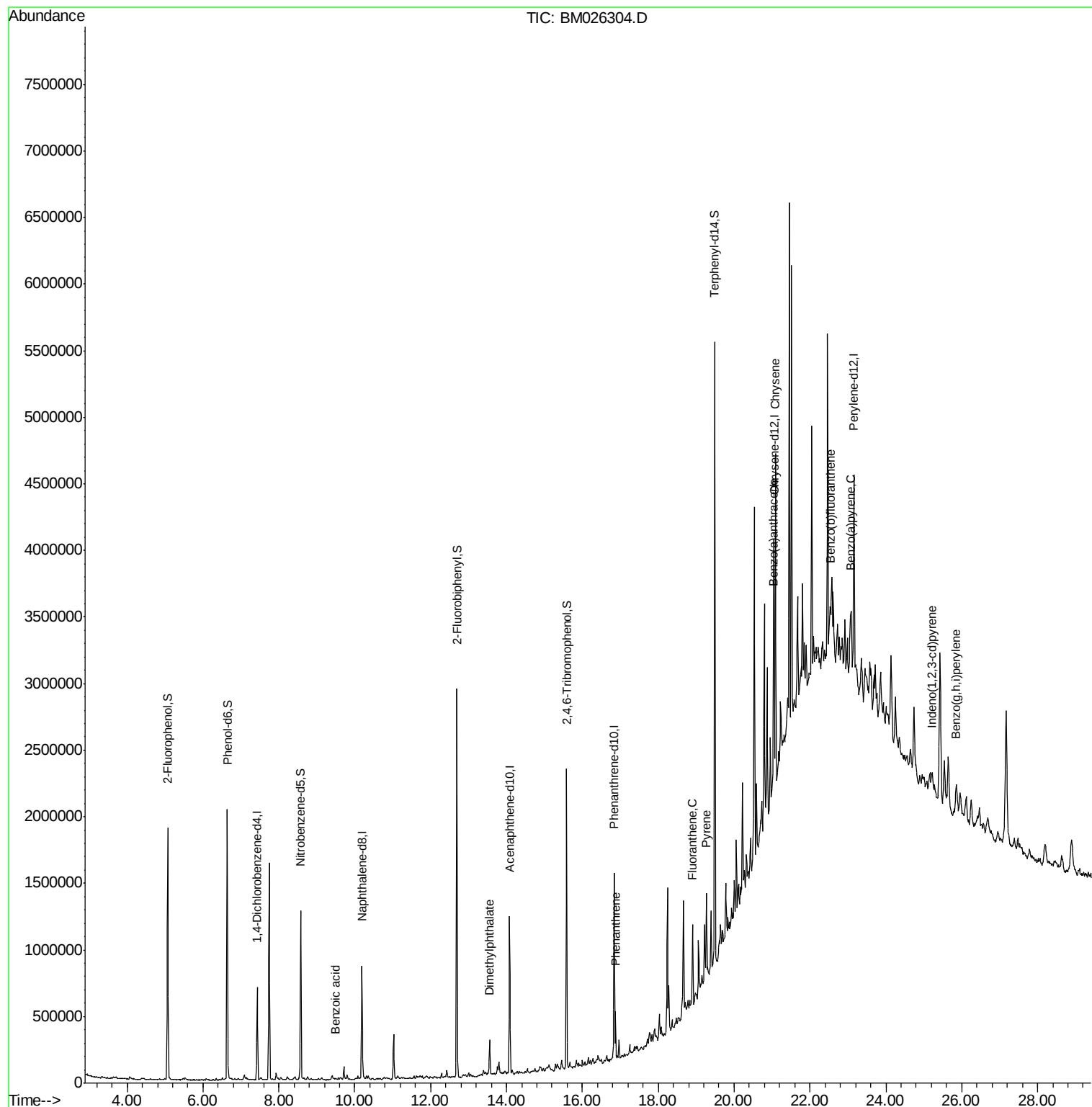
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
Data File : BM026304.D
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Operator : JU/CG
Sample : L2939-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

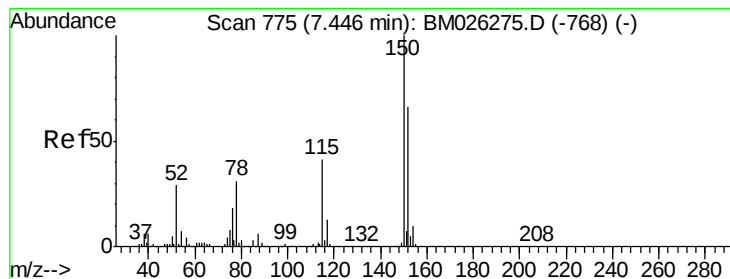
Instrument :
BNA_M
ClientSampleId :
PHC-326FB-010

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:47 2020
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#1

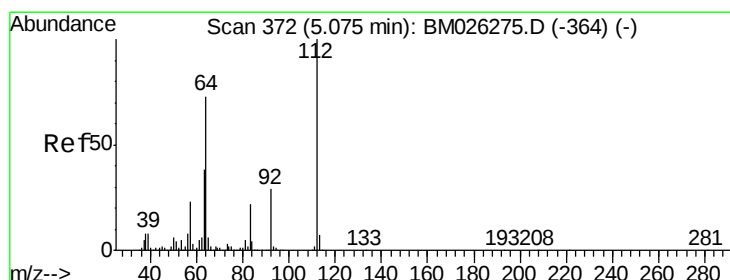
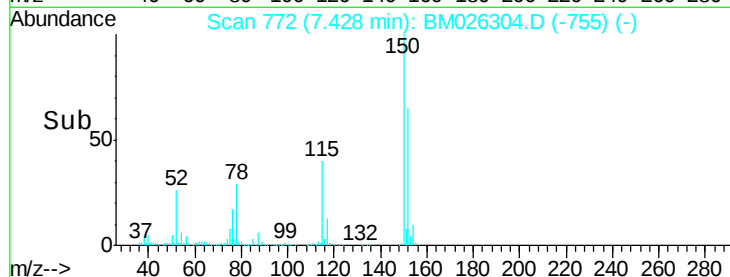
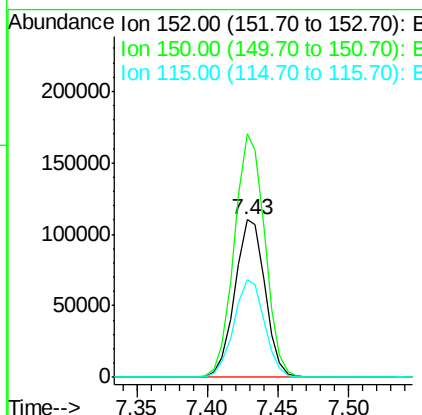
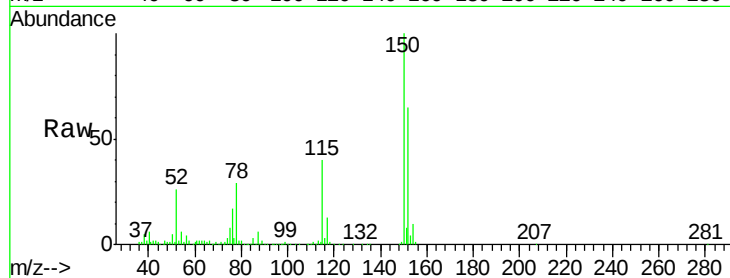
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-010

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.1	183.1
115	62.0	49.7	74.5

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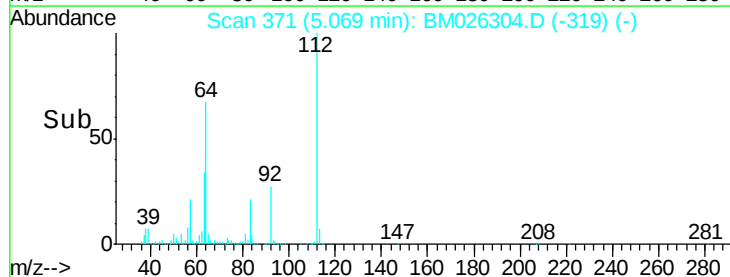
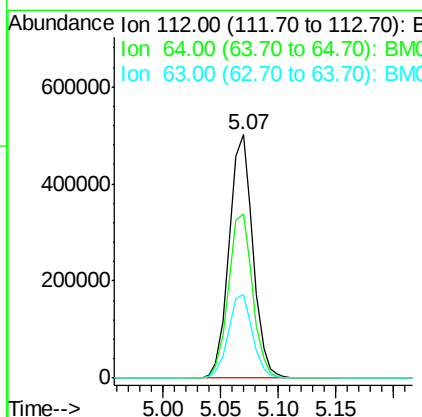
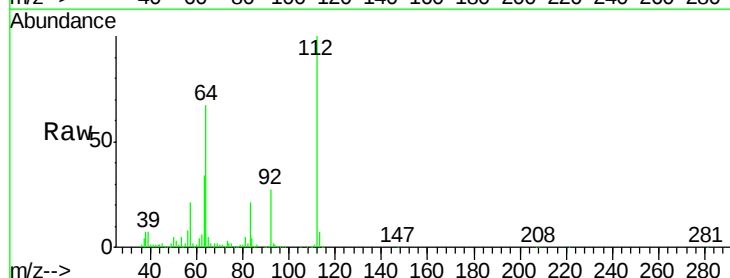
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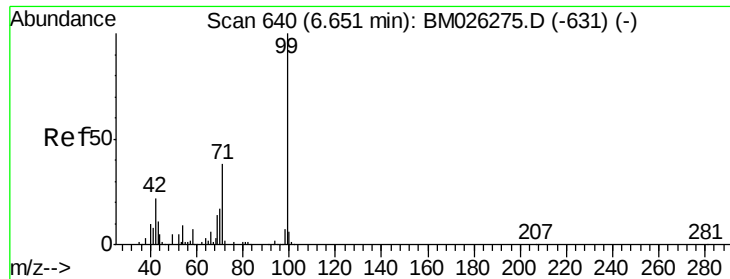


#5

2-Fluorophenol
Concen: 76.898 ng
RT: 5.07 min Scan# 371
Delta R.T. 0.01 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	58.1	87.1
63	34.1	30.6	45.8





#7

Phenol-d6

Concen: 73.745 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM026304.D

Acq: 09 Jun 2020 15:17

Instrument :

BNA_M

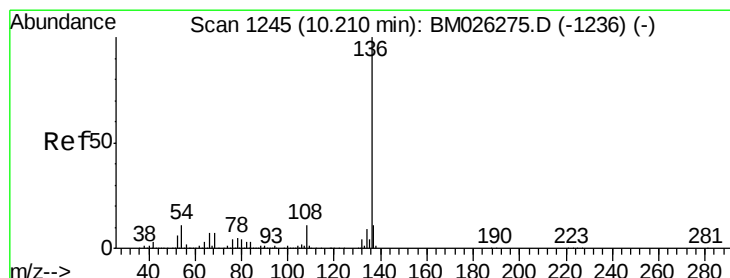
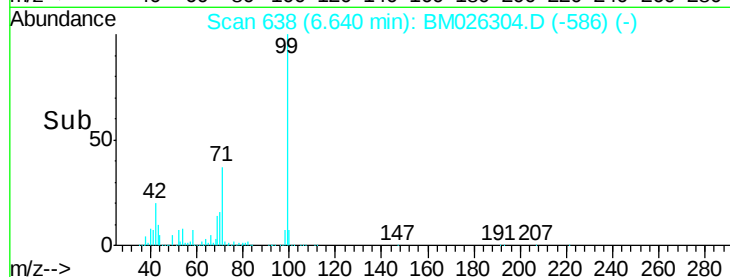
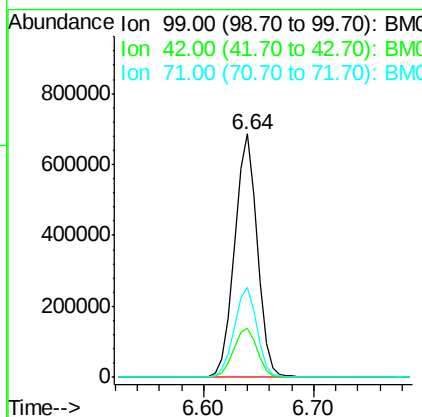
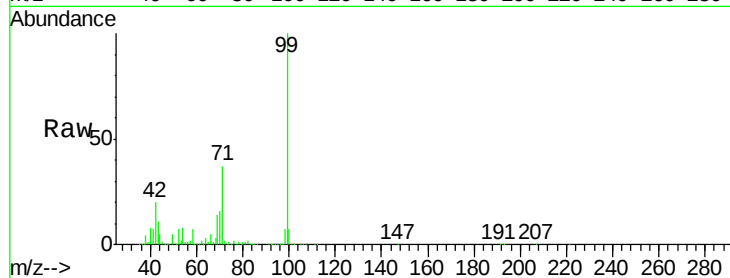
ClientSampleId :

PHC-326FB-010

Tot Ion:	99	Resp:	993898
Ion Ratio	Lower	Upper	
99	100		
42	20.4	18.0	27.0
71	37.0	30.6	45.8

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#21

Naphthalene-d8

Concen: 20.000 ng

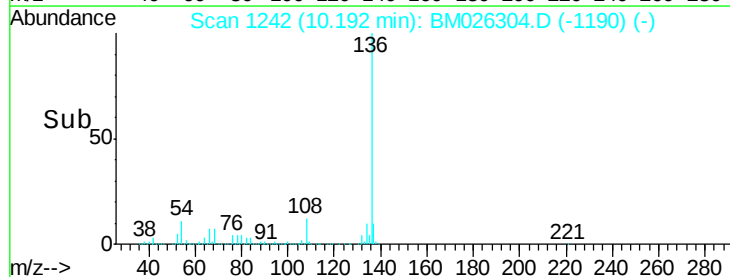
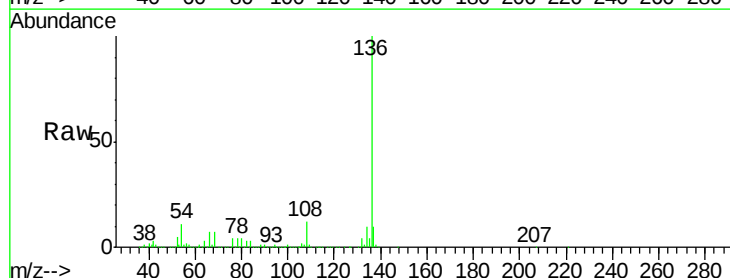
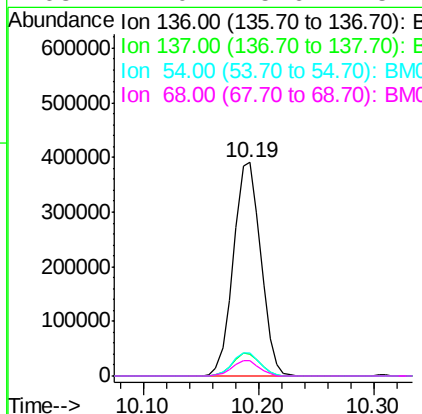
RT: 10.19 min Scan# 1242

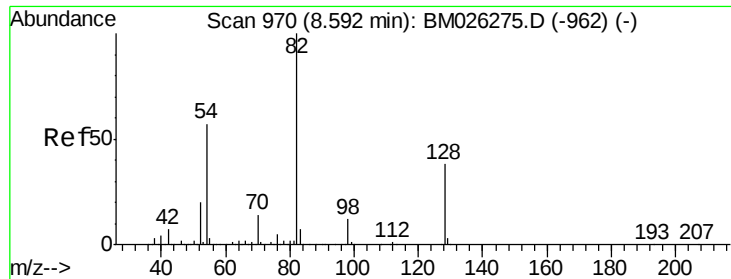
Delta R.T. 0.01 min

Lab File: BM026304.D

Acq: 09 Jun 2020 15:17

Tgt Ion:	136	Resp:	642078
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	10.6	9.0	13.4
68	7.0	5.6	8.4





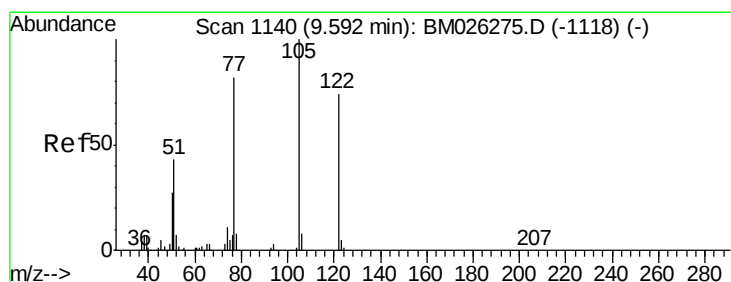
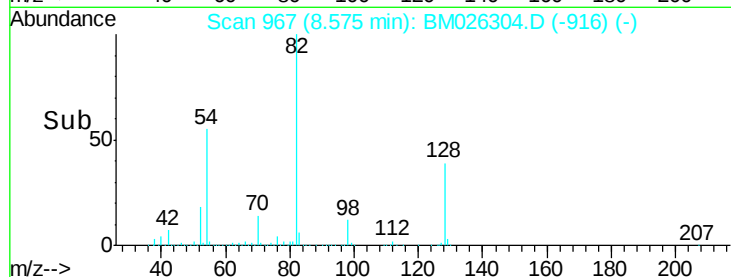
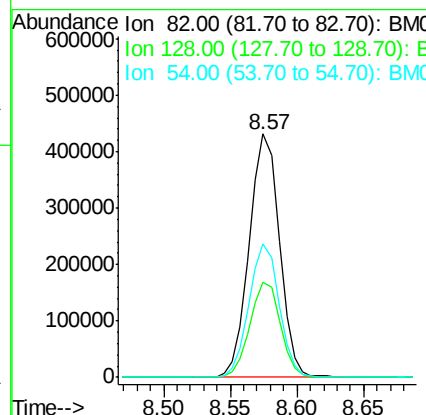
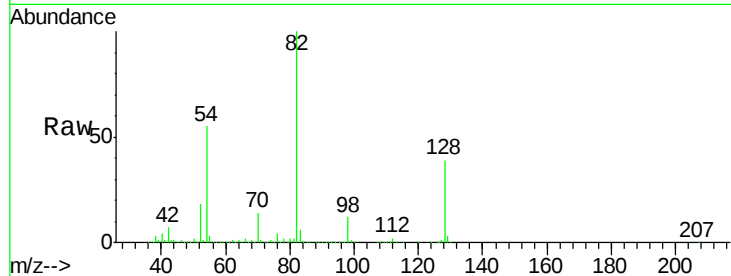
#23
 Nitrobenzene-d5
 Concen: 51.356 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BM026304.D
 Acq: 09 Jun 2020 15:17

Instrument :
 BNA_M
 ClientSampleId :
 PHC-326FB-010

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.3	45.5
54	55.0	45.4	68.2

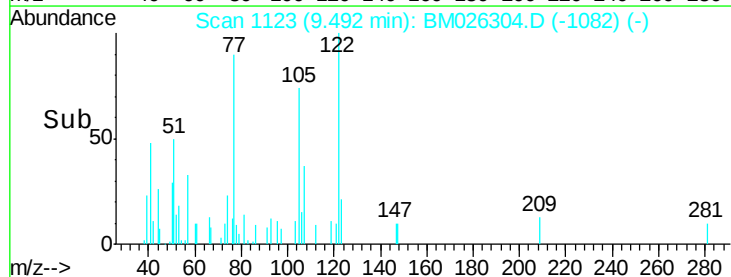
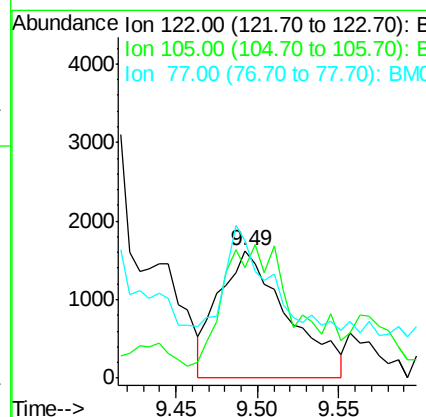
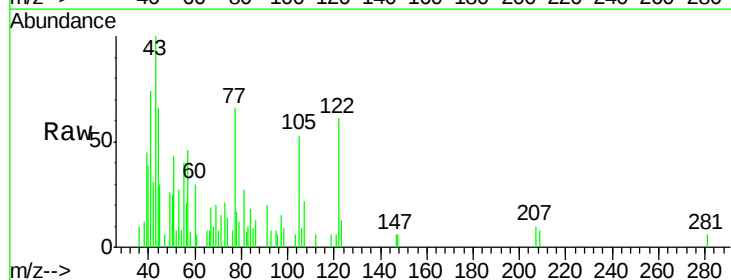
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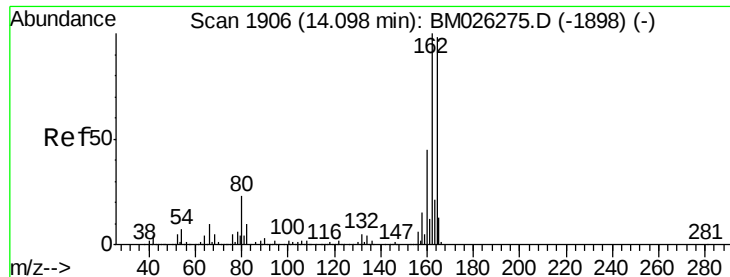
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#32
 Benzoic acid
 Concen: 5.788 ng m
 RT: 9.49 min Scan# 1123
 Delta R.T. -0.06 min
 Lab File: BM026304.D
 Acq: 09 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	86.5	112.4	152.4#
77	107.8	89.8	129.8





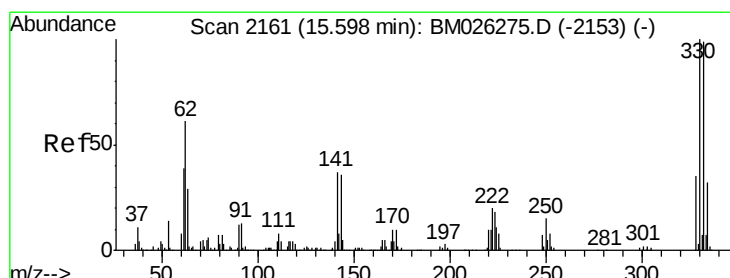
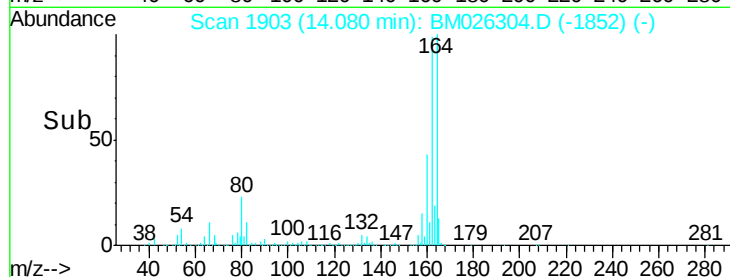
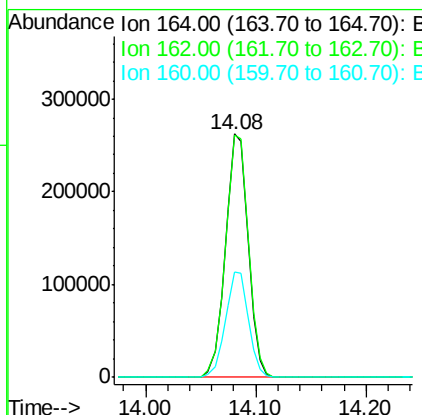
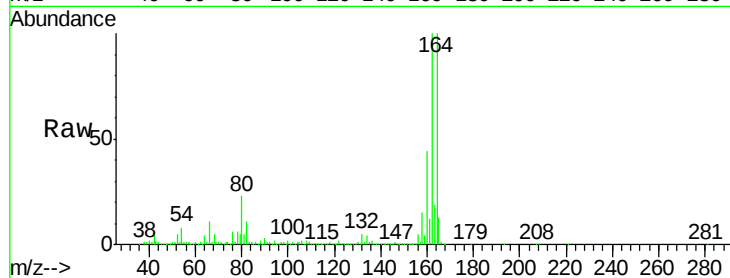
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-010

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	81.4	122.2	
160	43.5	36.4	54.6	

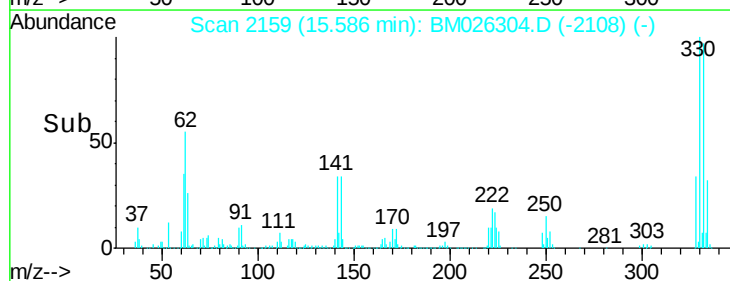
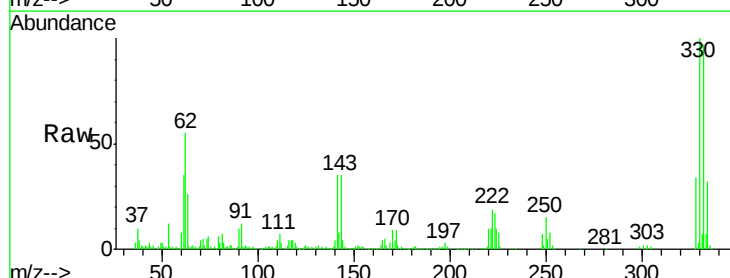
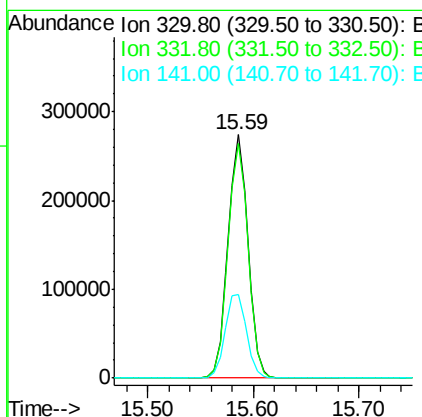
Manual Integrations
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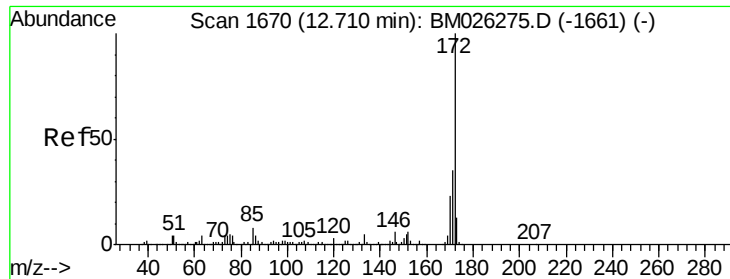
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#42
2,4,6-Tribromophenol
Concen: 78.034 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	78.1	117.1	
141	36.3	30.0	45.0	





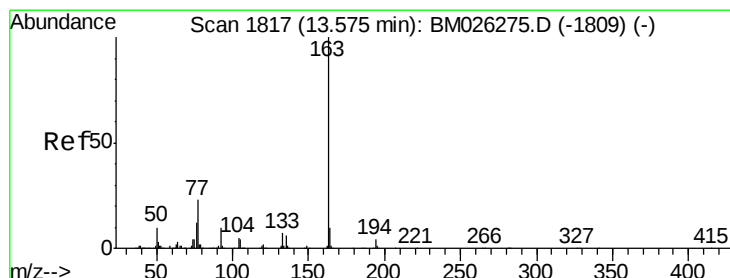
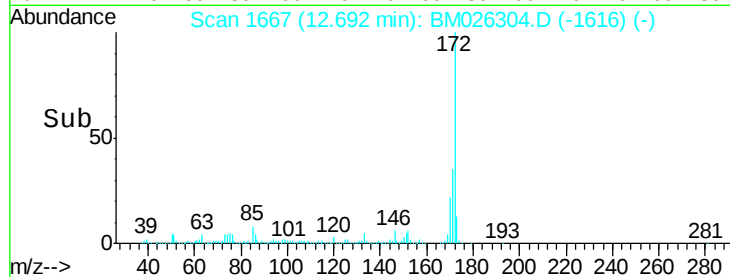
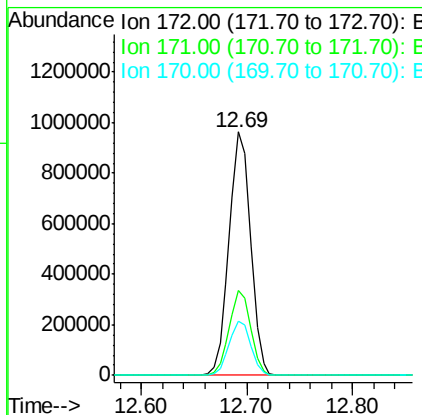
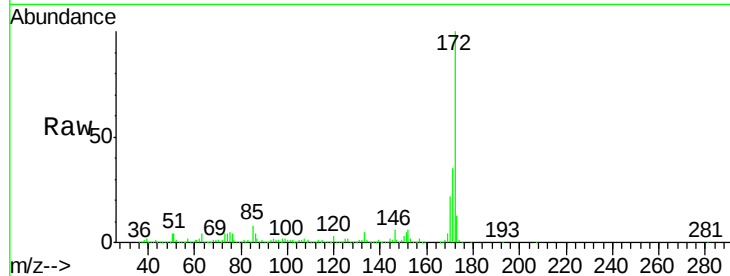
#45
2-Fluorobiphenyl
Concen: 54.122 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-010

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.4	18.3	27.5

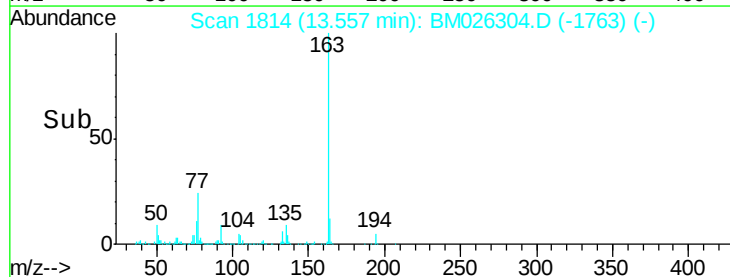
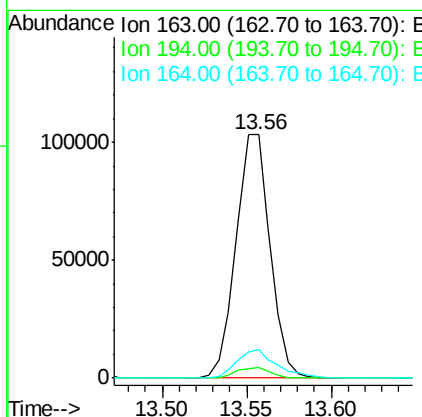
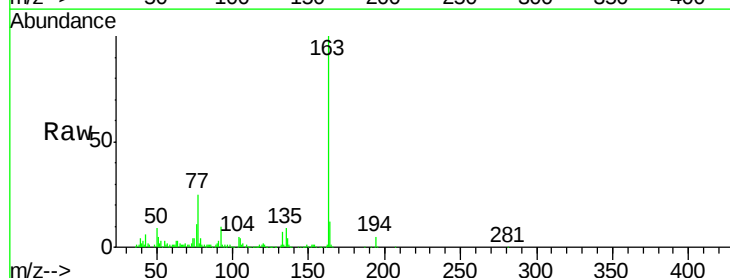
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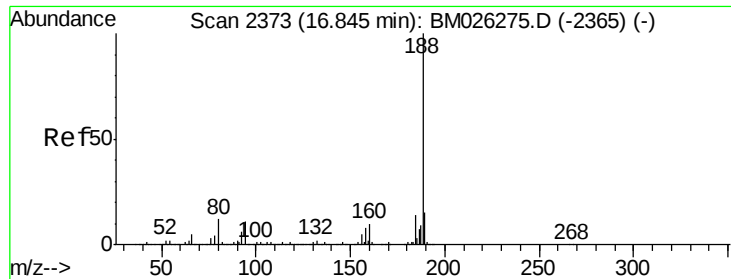
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#50
Dimethylphthalate
Concen: 5.221 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	11.8	8.0	12.0





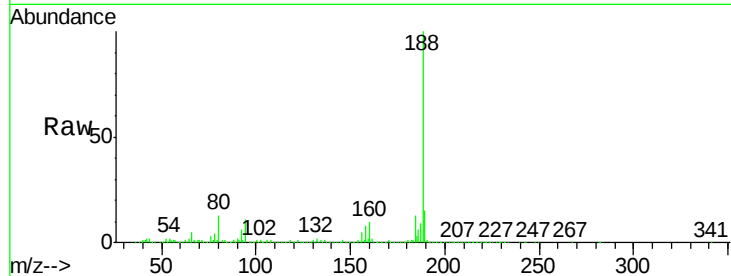
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-010

Tot Ion	Ratio	Resp	Lower	Upper
188	100	770866		
94	10.7		8.6	12.8
80	12.5		9.7	14.5

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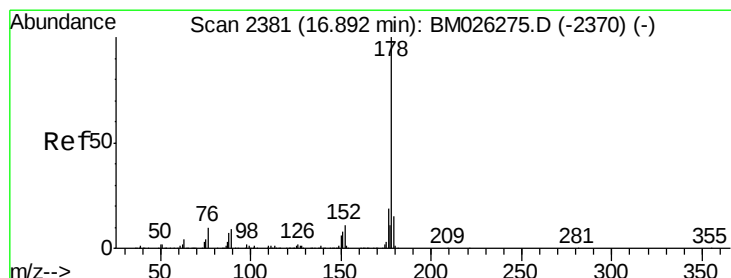
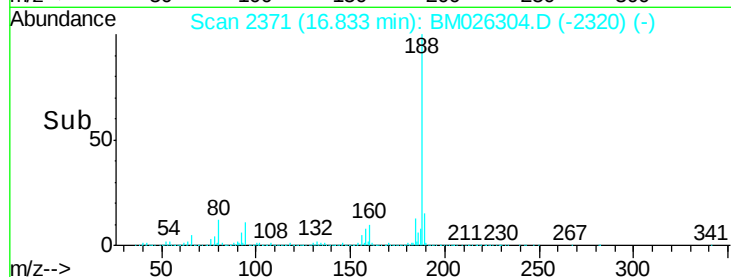
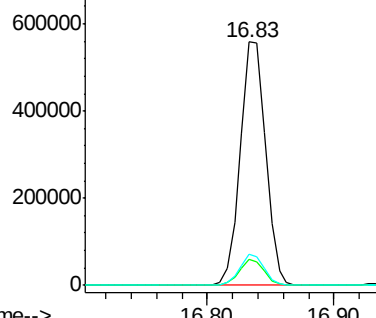
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Abundance Ion 188.00 (187.70 to 188.70): E

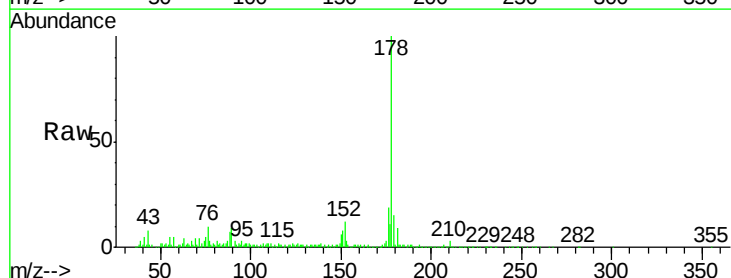
Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71
Phenanthrene
Concen: 4.481 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

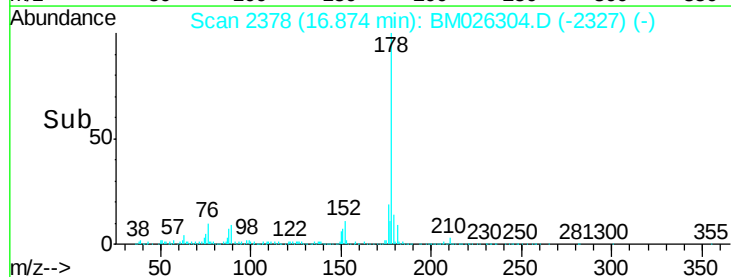
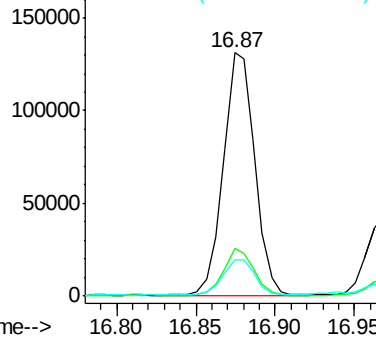
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	179882		
176	19.5		14.9	22.3
179	14.8		12.0	18.0

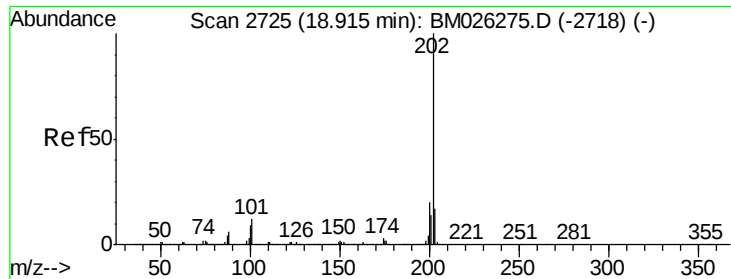


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.400 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.00 min

Lab File: BM026304.D

Acq: 09 Jun 2020 15:17

Instrument :

BNA_M

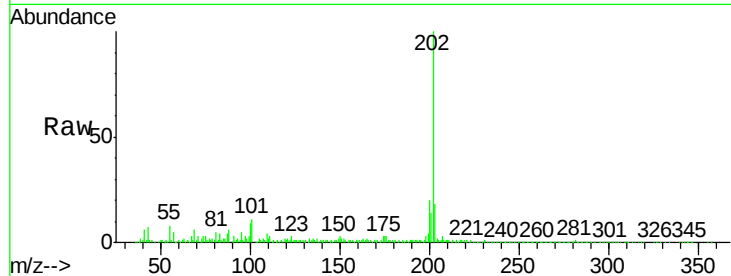
ClientSampleId :

PHC-326FB-010

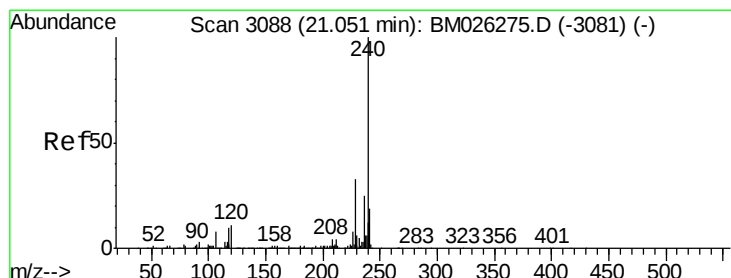
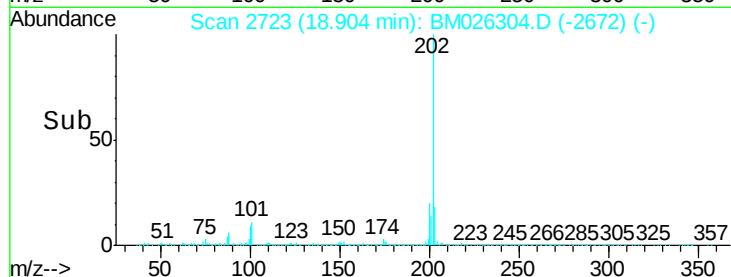
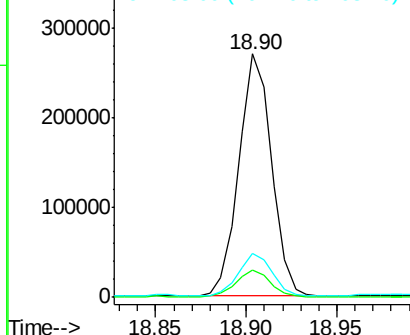
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	31.6
203	18.1	0.0	37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

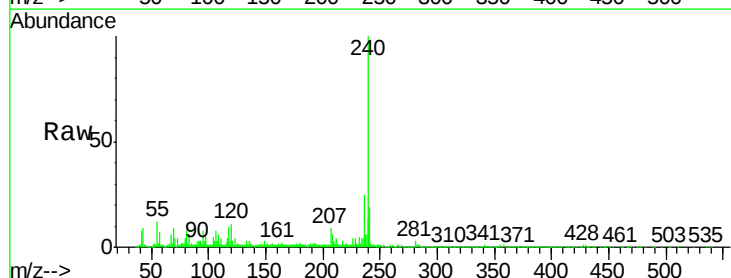
RT: 21.05 min Scan# 3088

Delta R.T. 0.01 min

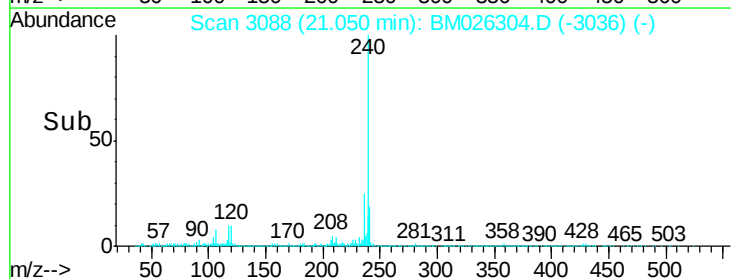
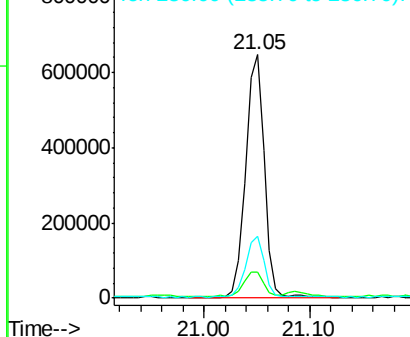
Lab File: BM026304.D

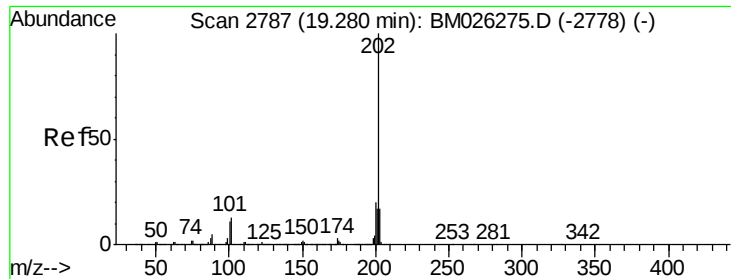
Acq: 09 Jun 2020 15:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.1	19.7	29.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





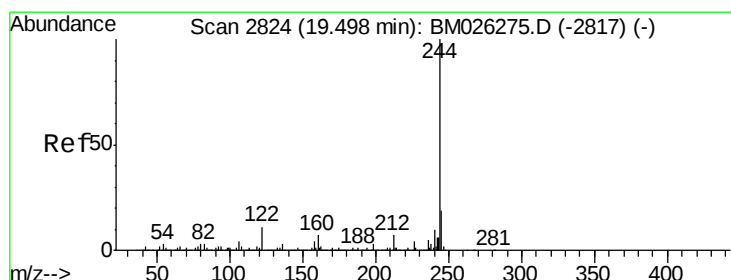
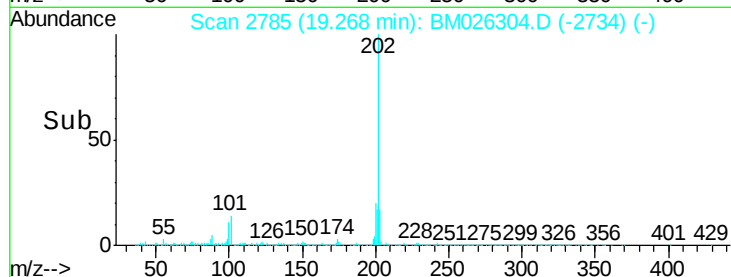
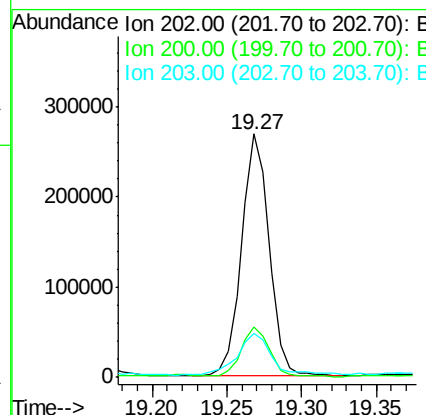
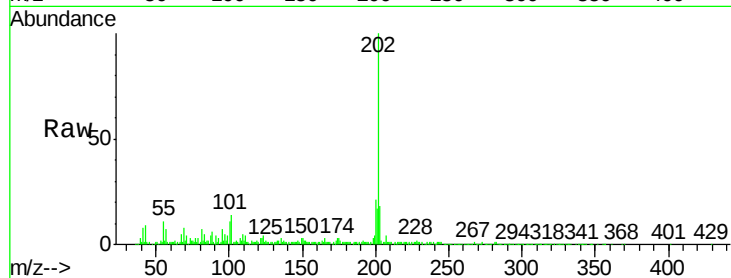
#78
Pvrene
Concen: 6.638 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-010

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	18.1	13.8	20.8

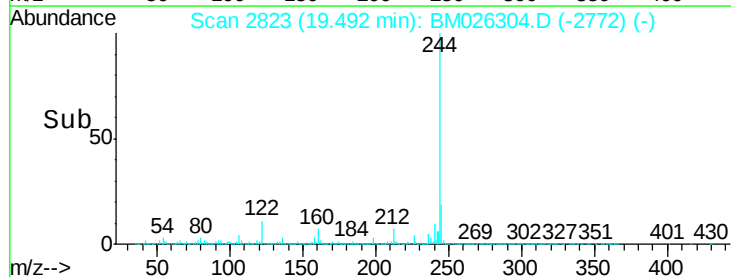
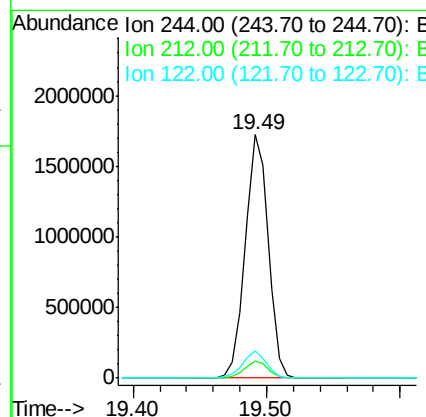
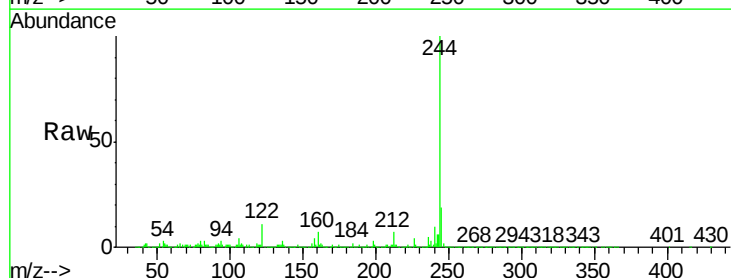
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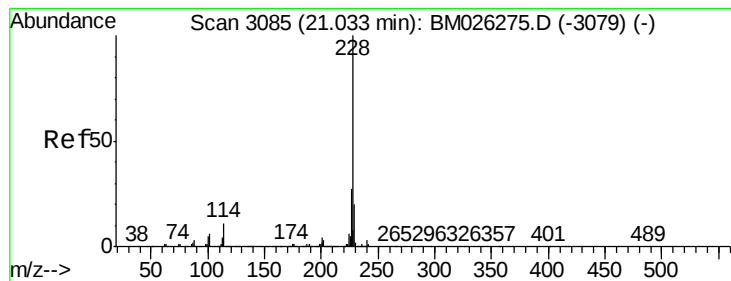
mohammad
6/10/2020 11:51:25 AM



#79
Terphenyl-d14
Concen: 50.519 ng
RT: 19.49 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.3	9.1	13.7





#81

Benzo(a)anthracene

Concen: 3.482 ng

RT: 21.03 min Scan# 3085

Delta R.T. 0.01 min

Lab File: BM026304.D

Acq: 09 Jun 2020 15:17

Instrument :

BNA_M

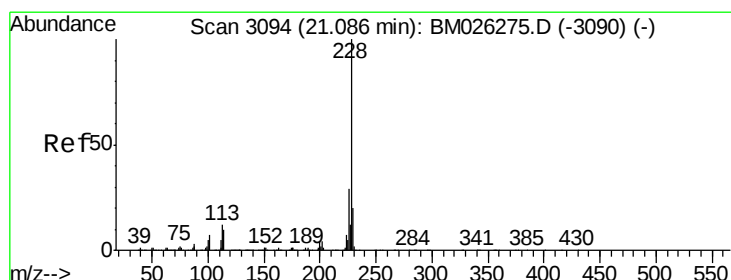
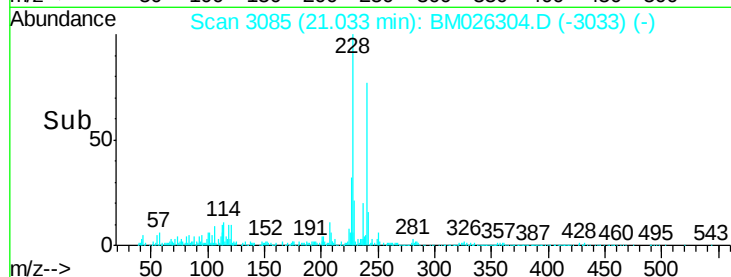
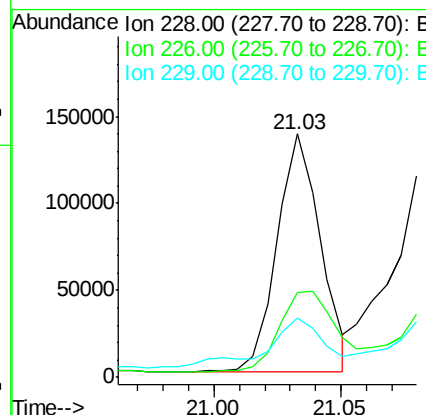
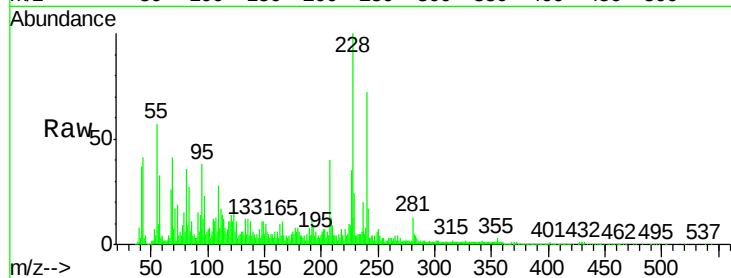
ClientSampleId :

PHC-326FB-010

Tot Ion:	228	Resp:	163882
Ion Ratio	Lower	Upper	
228	100		
226	35.1	21.7	32.5#
229	24.3	15.9	23.9#

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#83

Chrysene

Concen: 4.128 ng

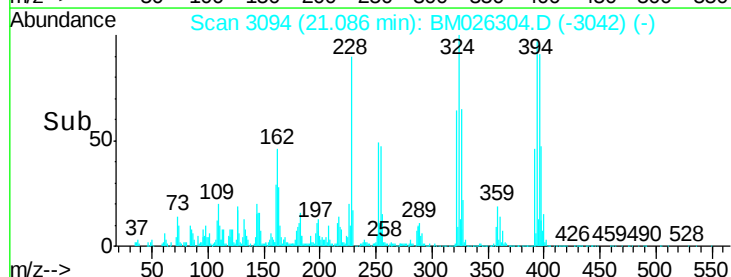
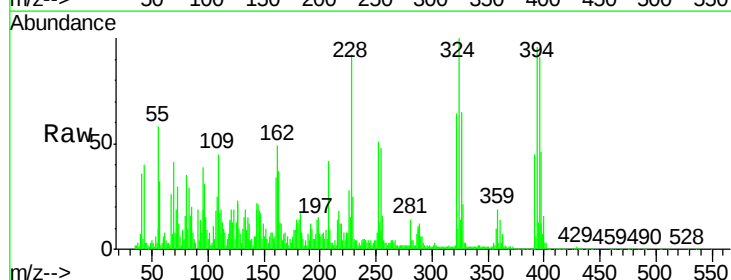
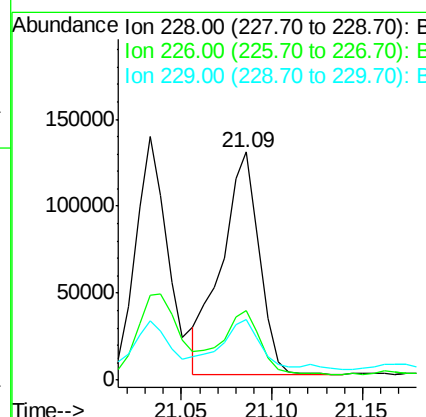
RT: 21.09 min Scan# 3094

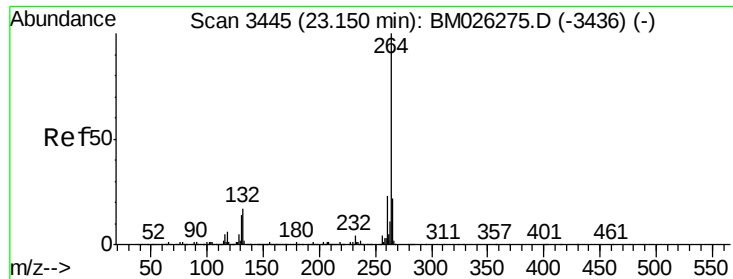
Delta R.T. 0.01 min

Lab File: BM026304.D

Acq: 09 Jun 2020 15:17

Tgt Ion:	228	Resp:	185155
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.5	35.3
229	26.8	15.8	23.6#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. 0.02 min

Lab File: BM026304.D

Acq: 09 Jun 2020 15:17

Instrument :

BNA_M

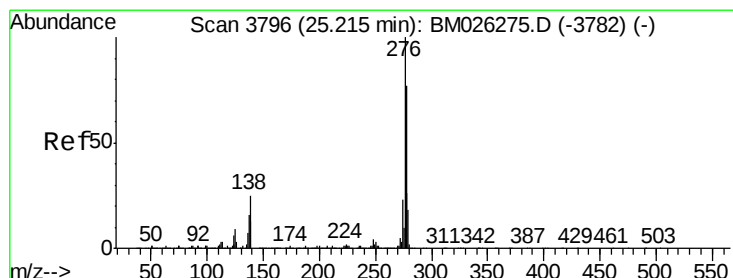
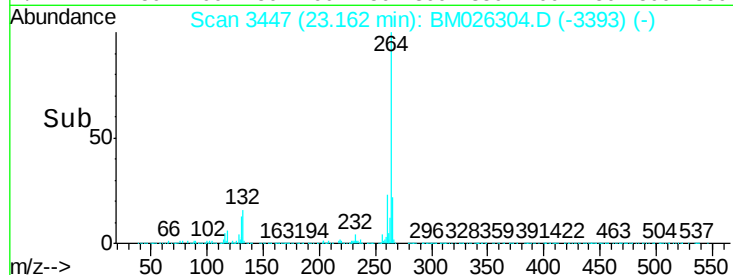
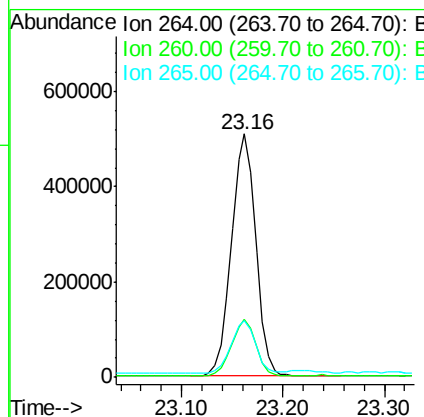
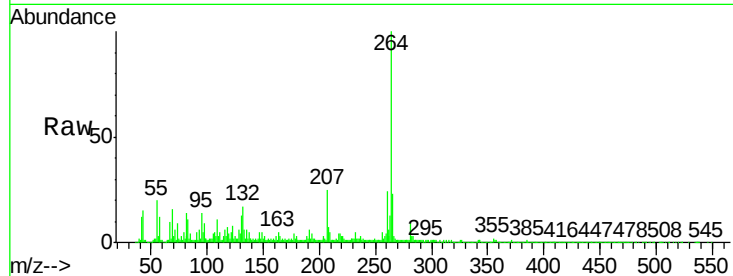
ClientSampleId :

PHC-326FB-010

Tot Ion:	264	Resp:	845307
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.6	28.0
265	23.2	18.2	27.2

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#87

Indeno(1,2,3-cd)pyrene

Concen: 3.071 ng m

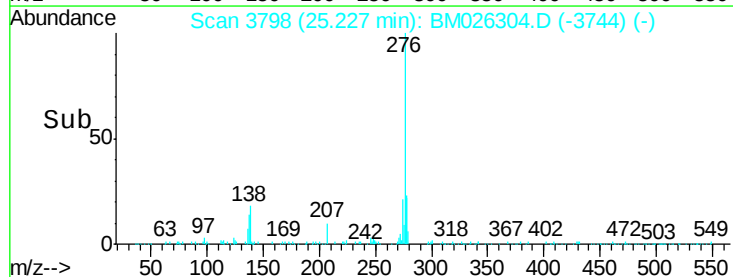
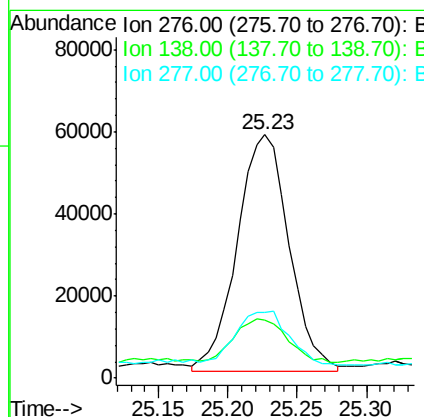
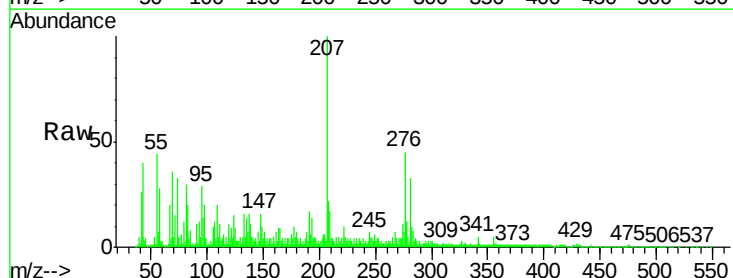
RT: 25.23 min Scan# 3798

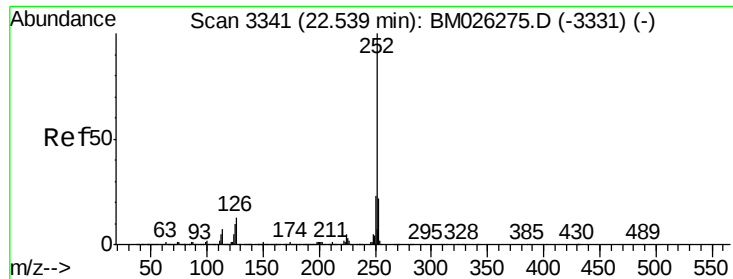
Delta R.T. 0.02 min

Lab File: BM026304.D

Acq: 09 Jun 2020 15:17

Tgt Ion:	276	Resp:	150185
Ion Ratio	Lower	Upper	
276	100		
138	2.9	19.8	29.8#
277	3.4	20.2	30.2#





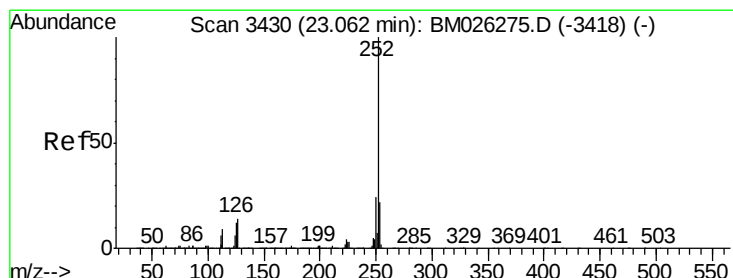
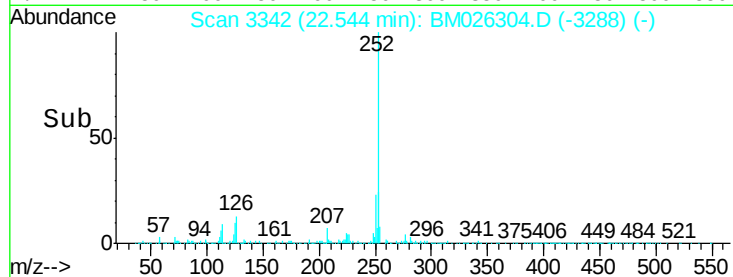
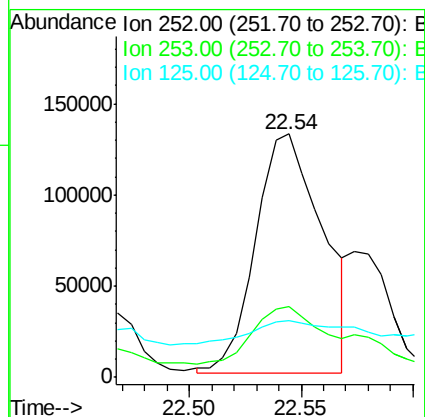
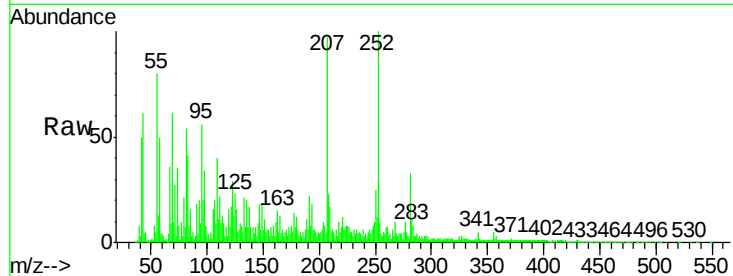
#88
Benzo(b)fluoranthene
Concen: 5.393 ng m
RT: 22.54 min Scan# 3342
Delta R.T. 0.02 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-010

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.6	26.4#
125	23.3	7.9	11.9#

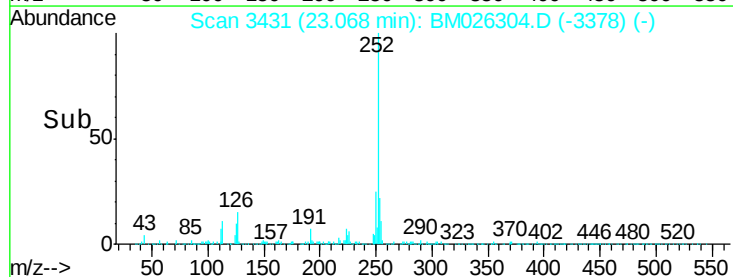
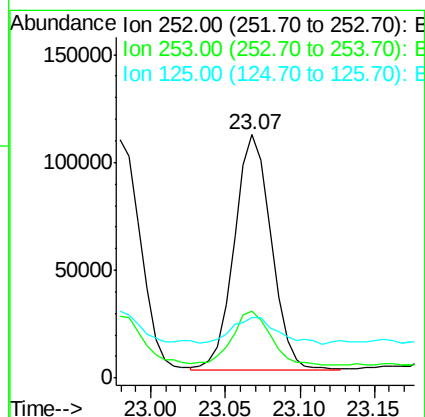
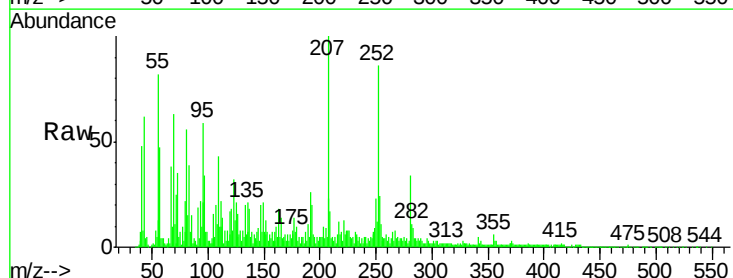
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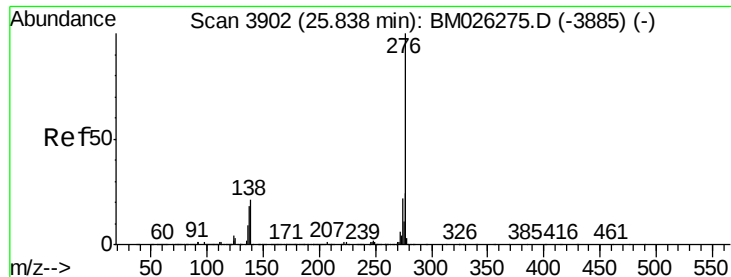
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#90
Benzo(a)pyrene
Concen: 4.157 ng
RT: 23.07 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM026304.D
Acq: 09 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	24.6	9.4	14.0#





#92
 Benzo(a,h,i)perylene
 Concen: 5.142 ng
 RT: 25.86 min Scan# 3905
 Delta R.T. 0.03 min
 Lab File: BM026304.D
 Acq: 09 Jun 2020 15:17

Instrument :
 BNA_M
 ClientSampleId :
 PHC-326FB-010

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.3	28.9
138	25.1	16.5	24.7

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