

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
 Data File : BM026285.D
 Acq On : 08 Jun 2020 14:06
 Operator : JU/CG
 Sample : L2839-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Manual Integrations
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 6/9/2020 12:21:38 PM

Quant Time: Jun 08 15:06:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:00:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	191856	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	743019	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	380113	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	656204	20.00	ng	0.00
76) Chrysene-d12	21.04	240	631793	20.00	ng	0.00
86) Perylene-d12	23.15	264	689075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1035930	95.47	ng	0.00
7) Phenol-d6	6.65	99	1434685	91.30	ng	0.00
23) Nitrobenzene-d5	8.59	82	994257	65.70	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	354316	76.95	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	1796804	71.75	ng	0.00
79) Terphenyl-d14	19.50	244	1933437	59.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.56	163	213688	7.686	ng	100
75) Fluoranthene	18.91	202	219468	5.602	ng	97
78) Pyrene	19.27	202	207744	4.977	ng	99
81) Benzo(a)anthracene	21.03	228	135282	3.567	ng	99
83) Chrysene	21.08	228	129314	3.578	ng	98
87) Indeno(1,2,3-cd)pyrene	25.20	276	100731	2.527	ng	94
88) Benzo(b)fluoranthene	22.53	252	193758m	4.674	ng	
90) Benzo(a)pyrene	23.06	252	138518	3.762	ng	97
92) Benzo(g,h,i)perylene	25.83	276	103025	3.253	ng	98

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

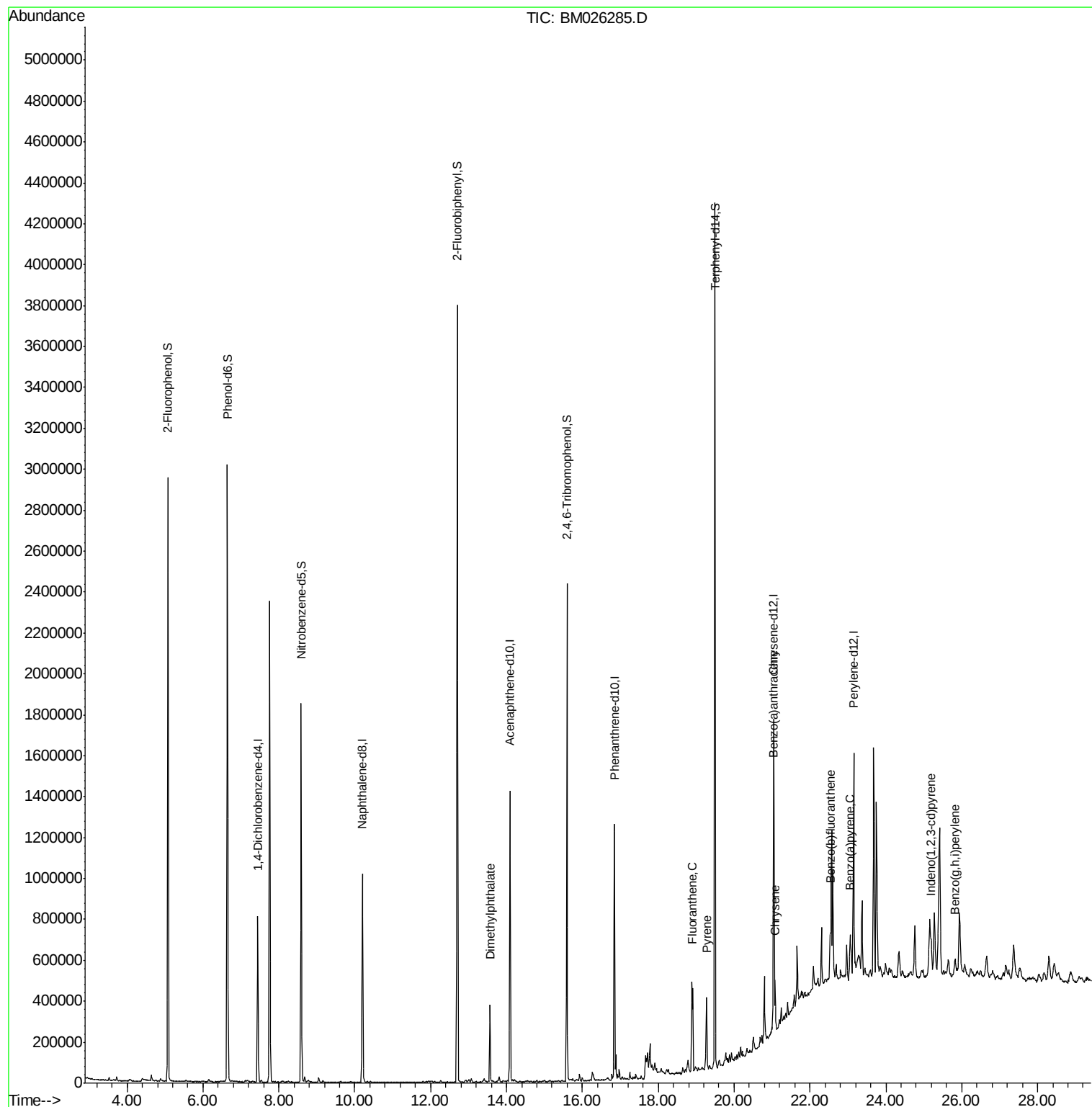
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026285.D
Acq On : 08 Jun 2020 14:06
Operator : JU/CG
Sample : L2839-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

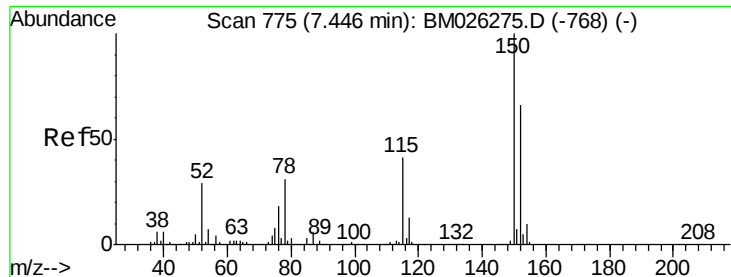
Instrument :
BNA_M
ClientSampleId :
NM108-2-COMP-2020-0-6

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#1

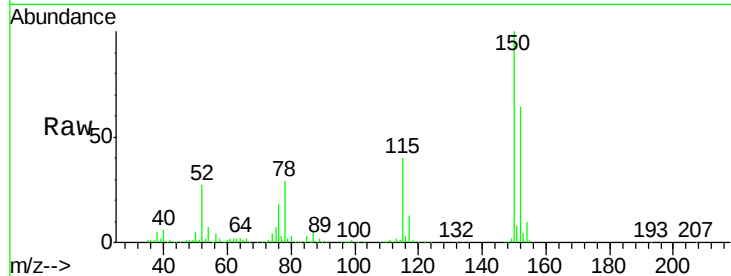
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.01 min
Lab File: BM026285.D
Acq: 08 Jun 2020 14:06

Instrument :
BNA_M
ClientSampleId :
NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.1	183.1
115	62.0	49.7	74.5

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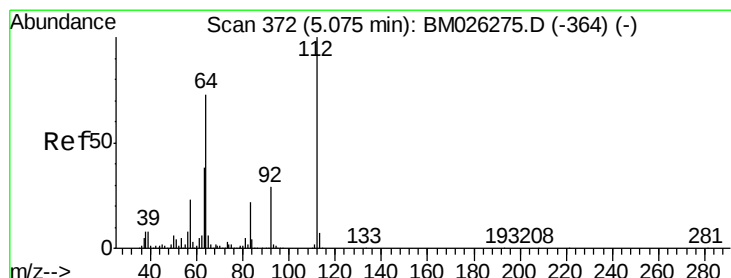
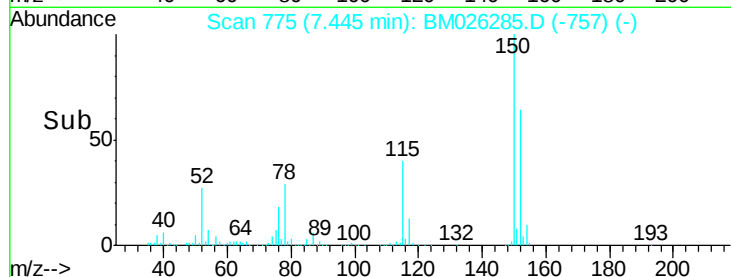
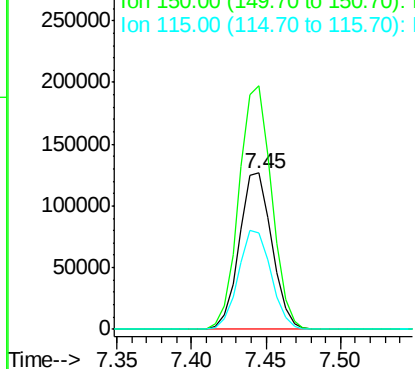


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

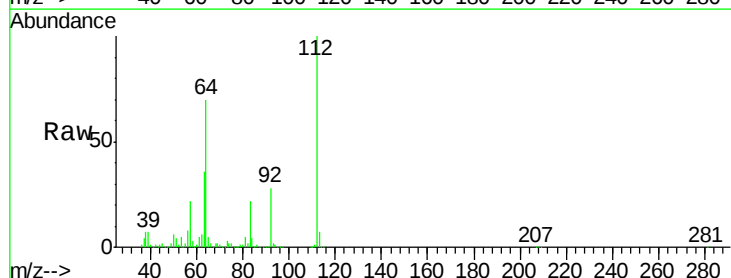
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.465 ng
RT: 5.07 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM026285.D
Acq: 08 Jun 2020 14:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	58.1	87.1
63	36.3	30.6	45.8

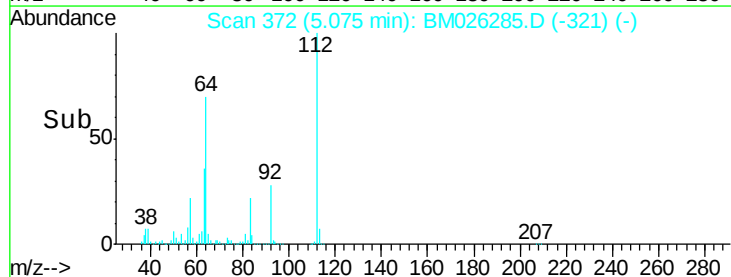
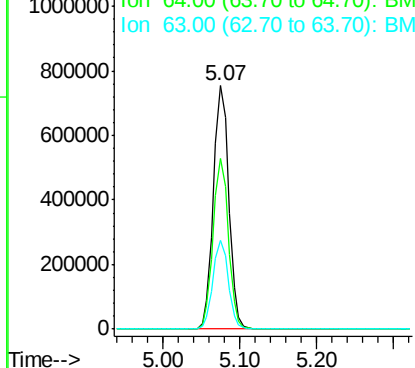


Abundance

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: 91.304 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Instrument :

BNA_M

ClientSampleId :

NM108-2-COMP-2020-0-6

Tot Ion: 99 Resp: 1434685

Ion Ratio Lower Upper

99 100

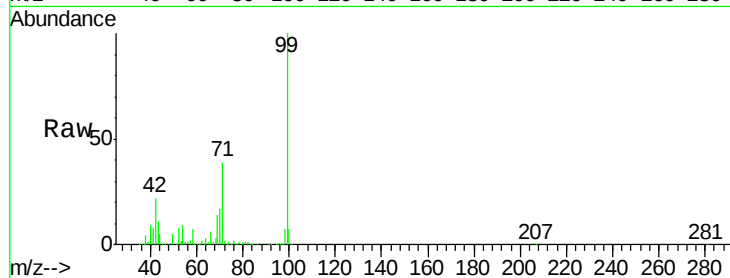
42 22.3 18.0 27.0

71 39.3 30.6 45.8

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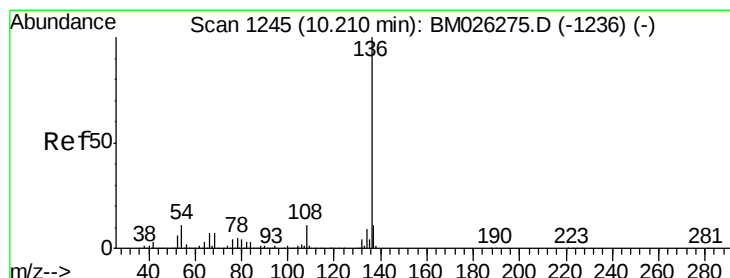
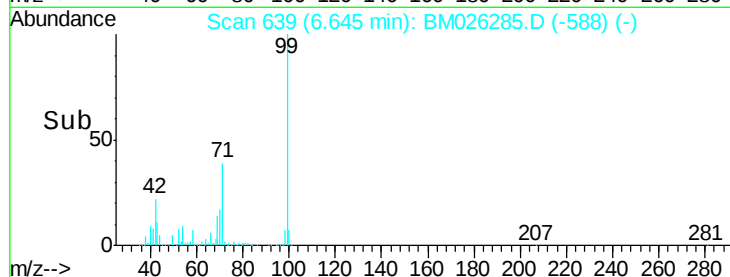
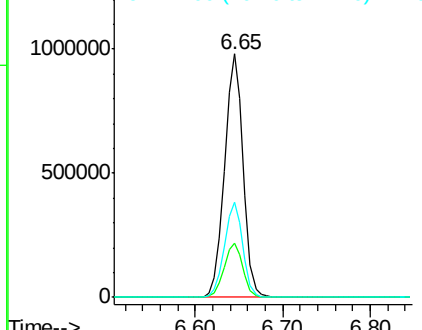
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Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Tgt Ion: 136 Resp: 743019

Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 11.0 9.0 13.4

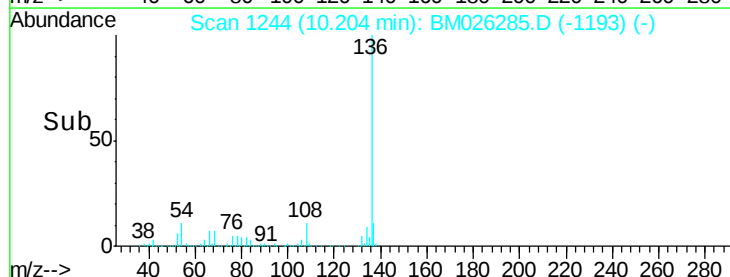
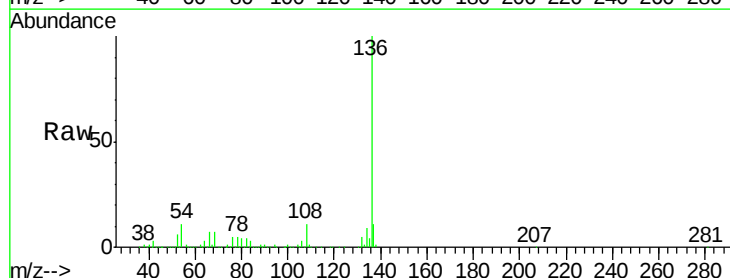
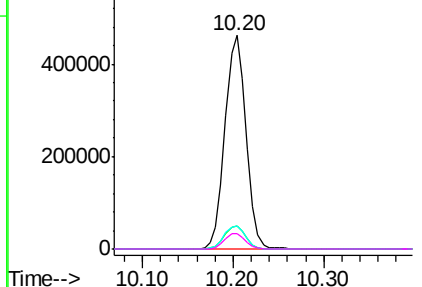
68 7.2 5.6 8.4

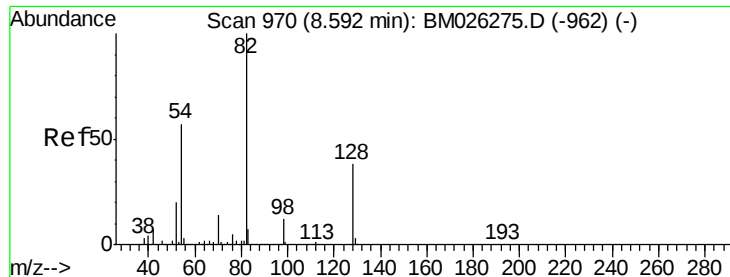
Abundance Ion 136.00 (135.70 to 136.70): BM026275.D (-1236) (-)

Ion 137.00 (136.70 to 137.70): BM026275.D (-1236) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-1236) (-)

Ion 68.00 (67.70 to 68.70): BM026275.D (-1236) (-)





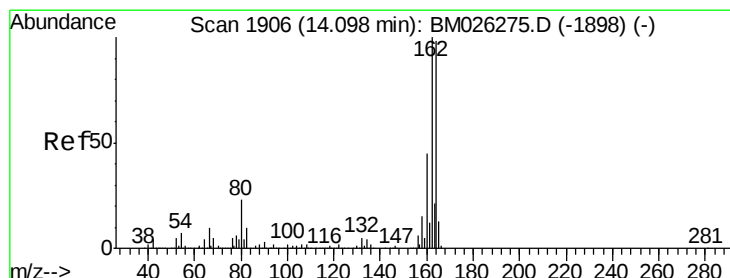
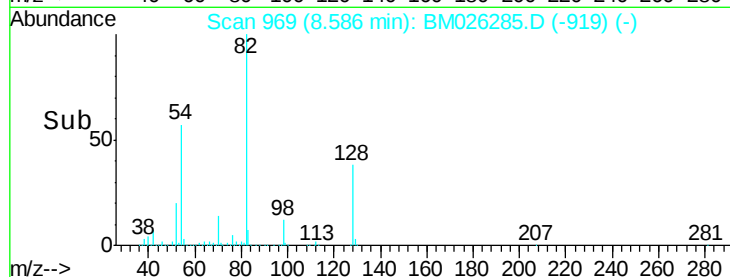
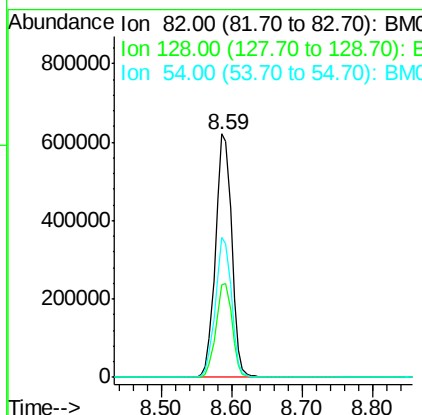
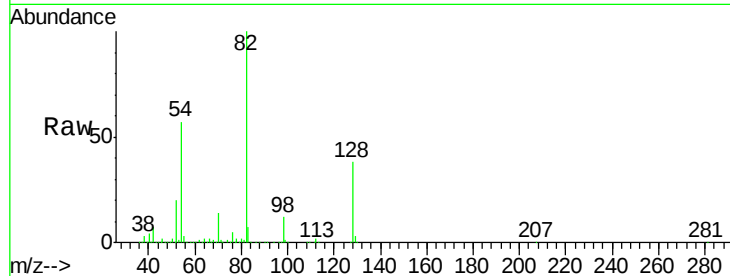
#23
 Nitrobenzene-d5
 Concen: 65.702 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM026285.D
 Acq: 08 Jun 2020 14:06

Instrument :
 BNA_M
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Tot Ion:	82	Resp:	994257
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.3	45.5
54	57.3	45.4	68.2

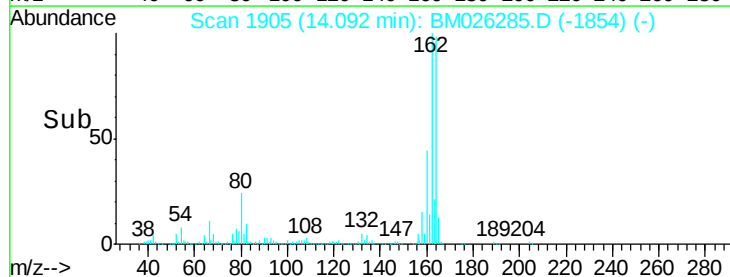
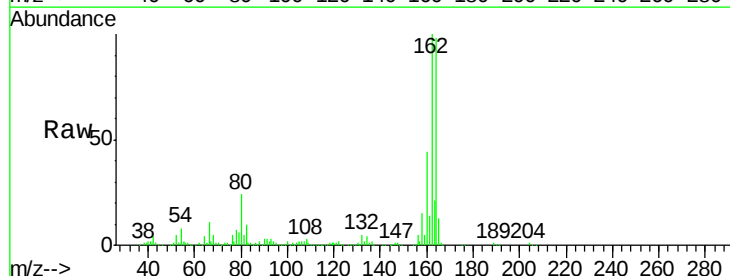
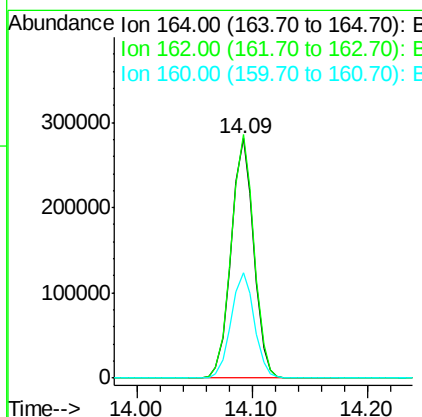
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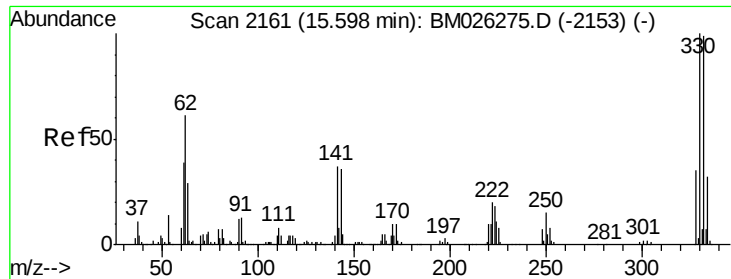
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BM026285.D
 Acq: 08 Jun 2020 14:06

Tgt Ion:	164	Resp:	380113
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.4	122.2
160	44.2	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 76.950 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Instrument :

BNA_M

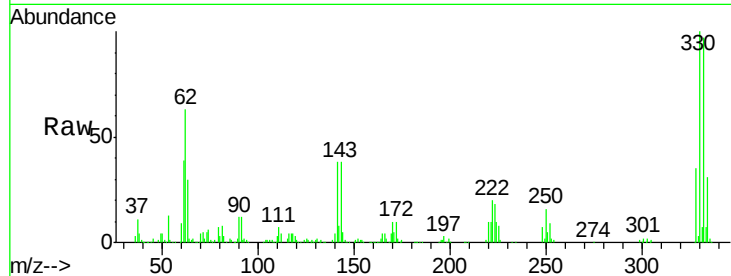
ClientSampleId :

NM108-2-COMP-2020-0-6

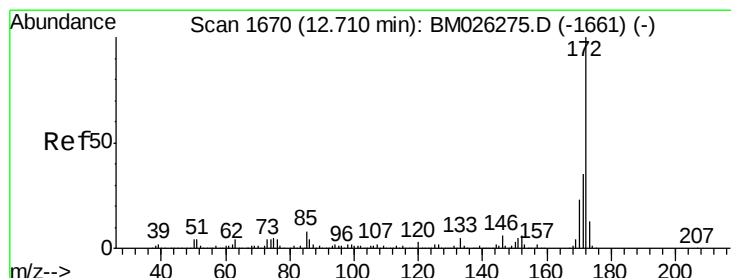
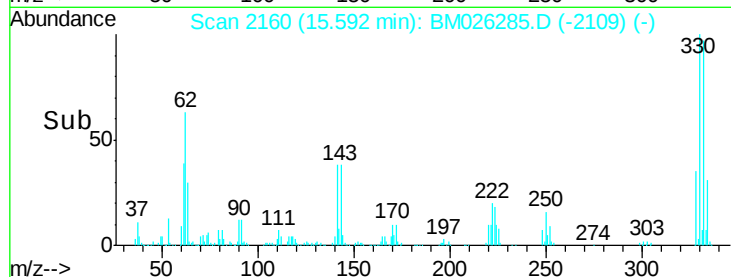
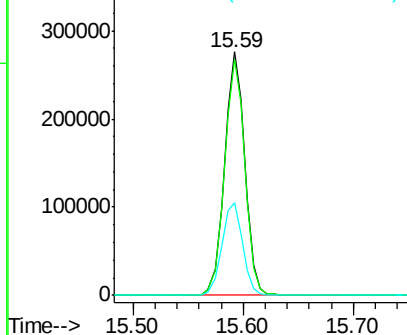
Tot Ion:	330	Resp:	354316
Ion Ratio	Lower	Upper	
330	100		
332	97.8	78.1	117.1
141	39.2	30.0	45.0

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



#45

2-Fluorobiphenyl

Concen: 71.755 ng

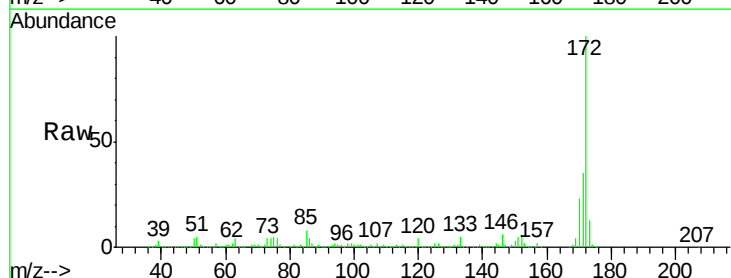
RT: 12.70 min Scan# 1669

Delta R.T. -0.00 min

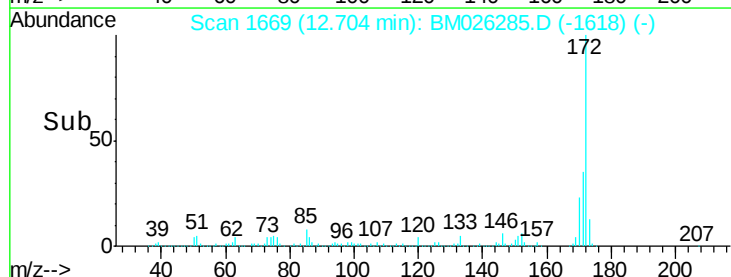
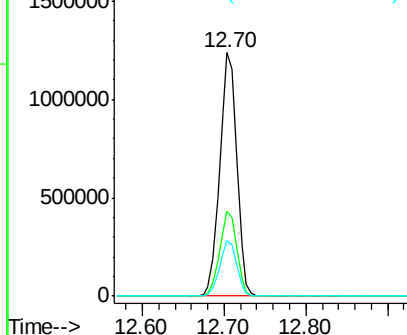
Lab File: BM026285.D

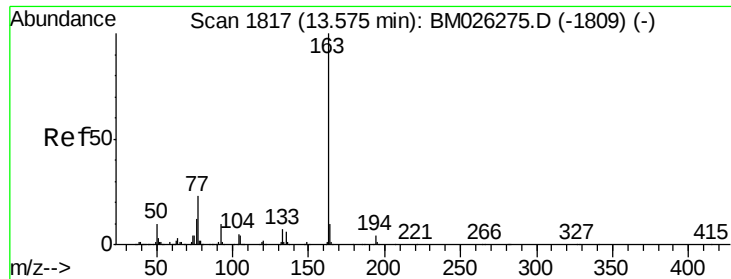
Acq: 08 Jun 2020 14:06

Tgt Ion:	172	Resp:	1796804
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.2	42.2
170	22.9	18.3	27.5



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: 7.686 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Instrument :

BNA_M

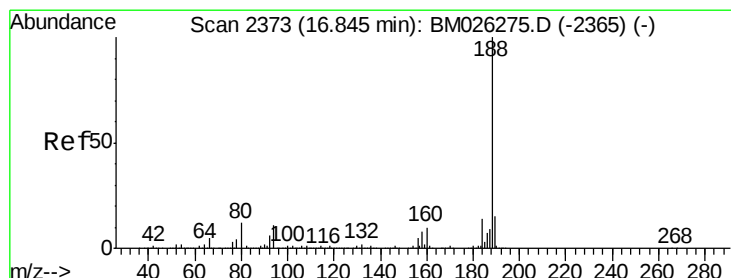
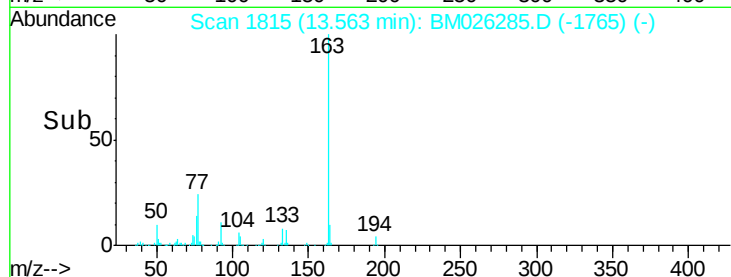
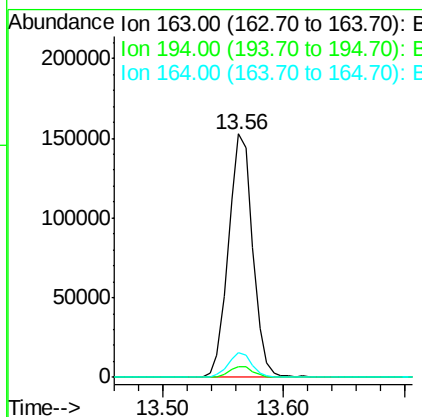
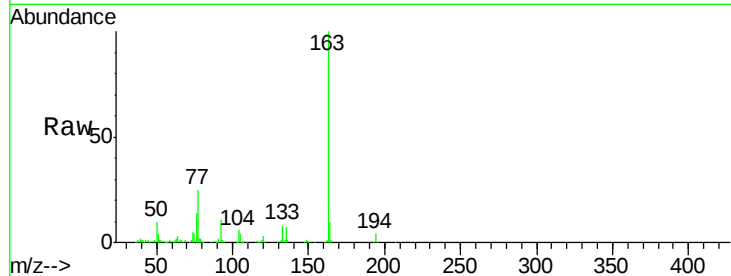
ClientSampleId :

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Tot Ion:	163	Resp:	213688
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.9	8.0	12.0

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#64

Phenanthrene-d10

Concen: 20.000 ng

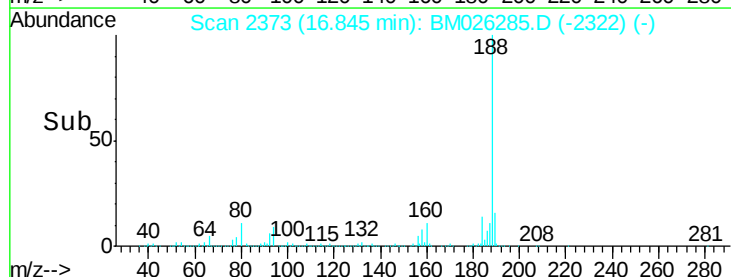
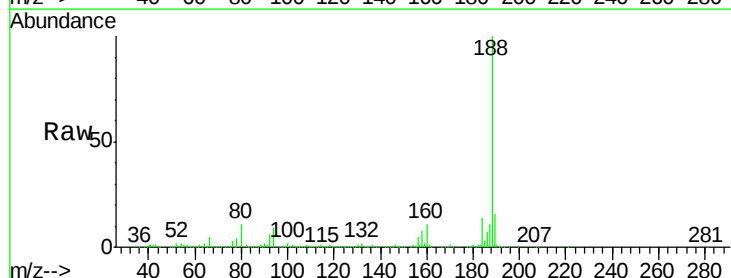
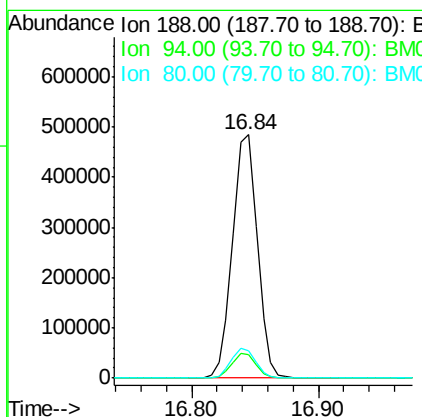
RT: 16.84 min Scan# 2373

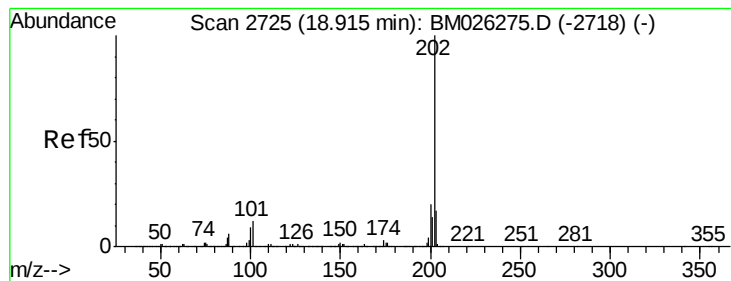
Delta R.T. -0.00 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Tgt Ion:	188	Resp:	656204
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.6	12.8
80	11.4	9.7	14.5





#75

Fluoranthene

Concen: 5.602 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Instrument :

BNA_M

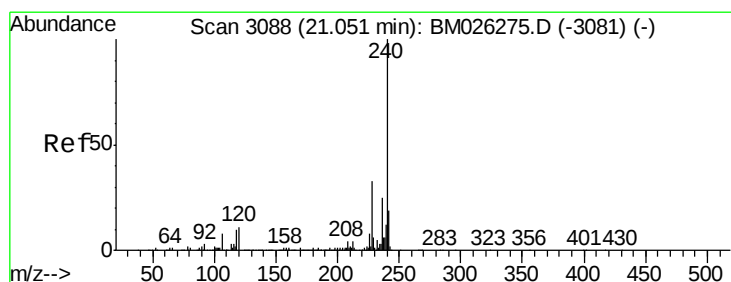
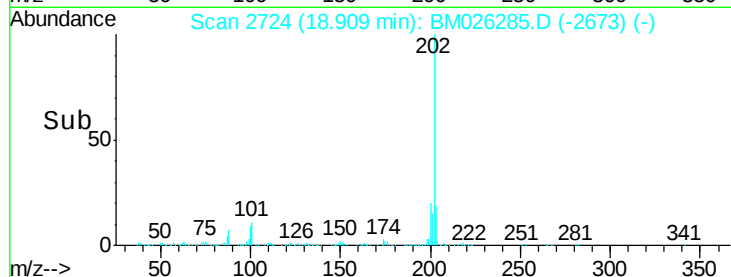
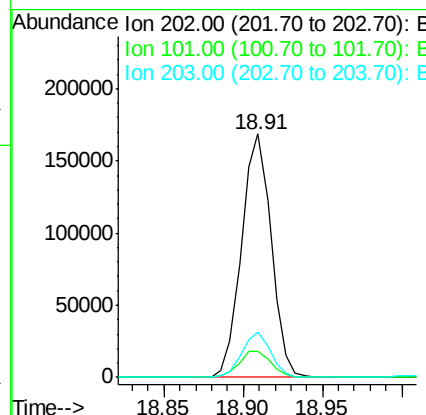
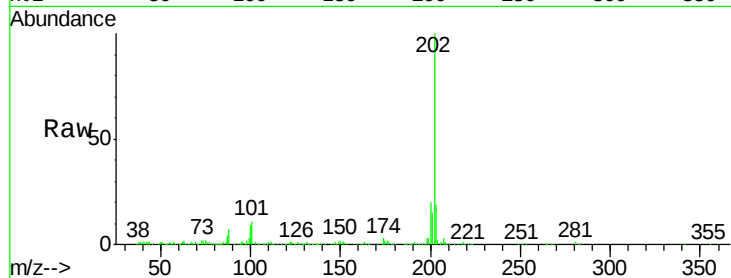
ClientSampleId :

NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	219468		
101	10.6	0.0	31.6	
203	18.6	0.0	37.4	

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#76

Chrysene-d12

Concen: 20.000 ng

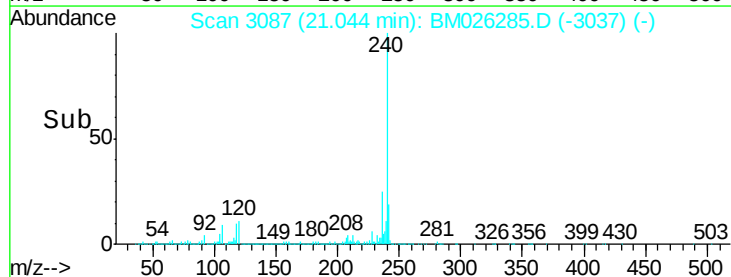
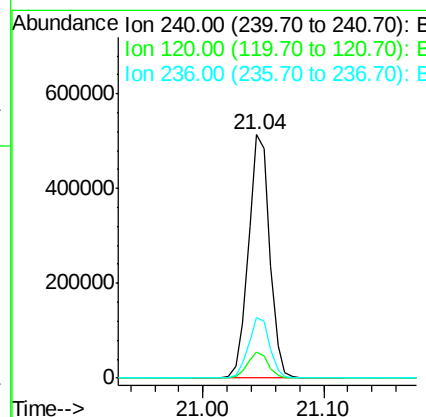
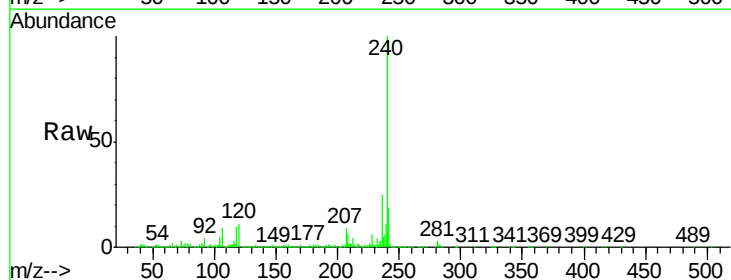
RT: 21.04 min Scan# 3087

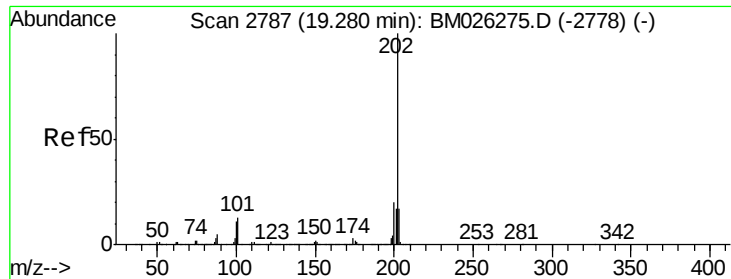
Delta R.T. -0.01 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	631793		
120	11.0	8.9	13.3	
236	24.7	19.7	29.5	





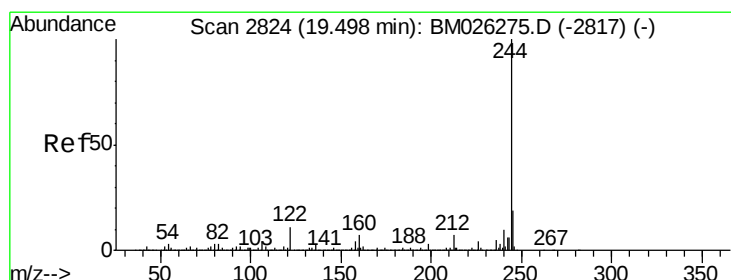
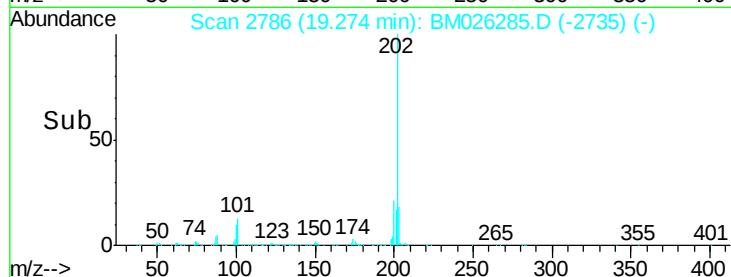
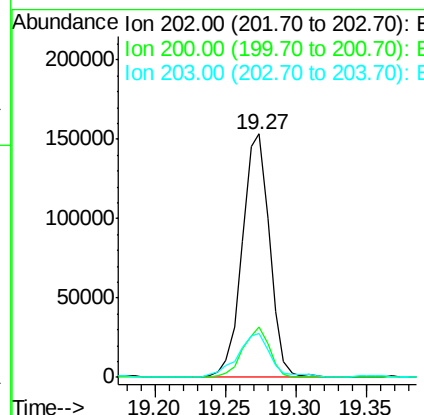
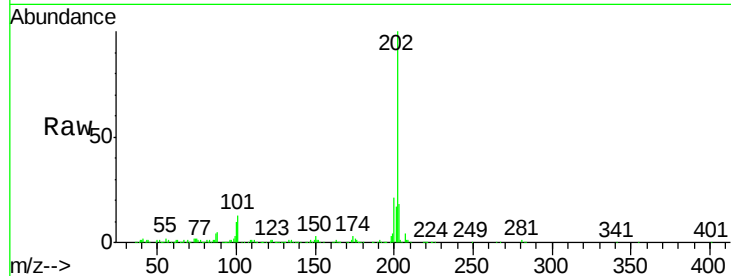
#78
Pvrene
Concen: 4.977 ng
RT: 19.27 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM026285.D
Acq: 08 Jun 2020 14:06

Instrument :
BNA_M
ClientSampleId :
NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.8	13.8	20.8

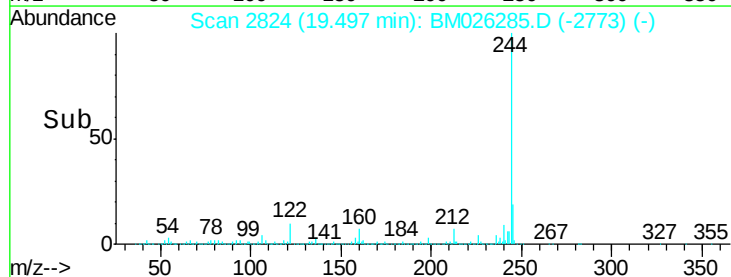
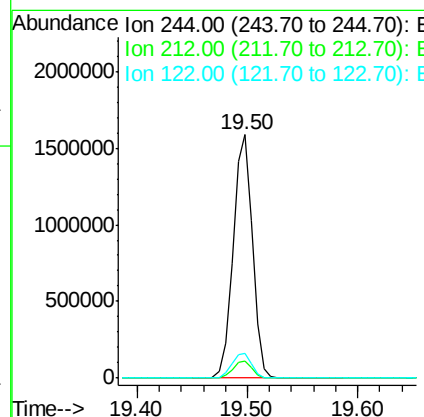
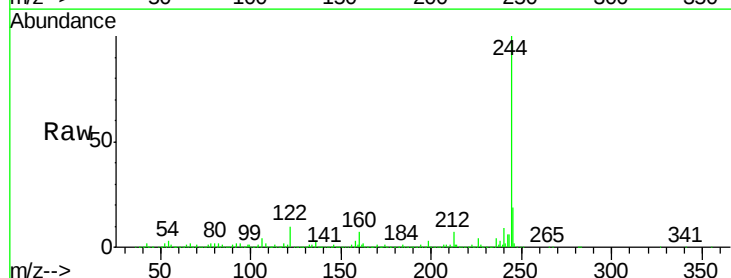
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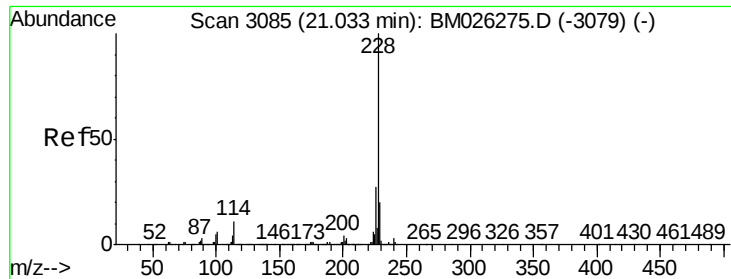
mohammad
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#79
Terphenyl-d14
Concen: 59.405 ng
RT: 19.50 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BM026285.D
Acq: 08 Jun 2020 14:06

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.2	9.1	13.7





#81

Benzo(a)anthracene

Concen: 3.567 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Instrument :

BNA_M

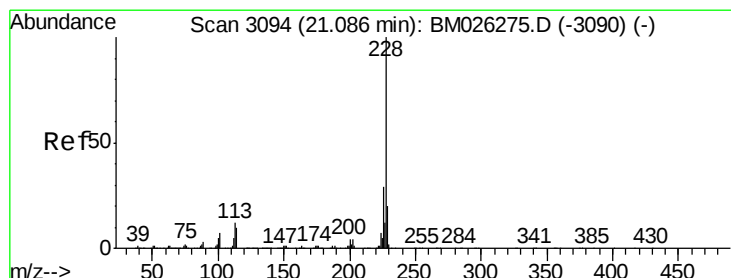
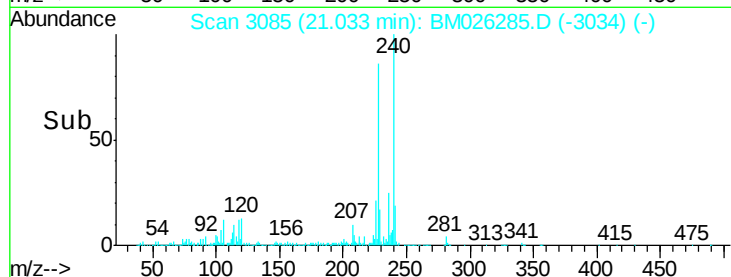
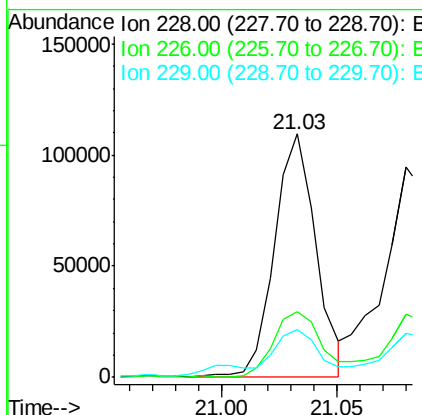
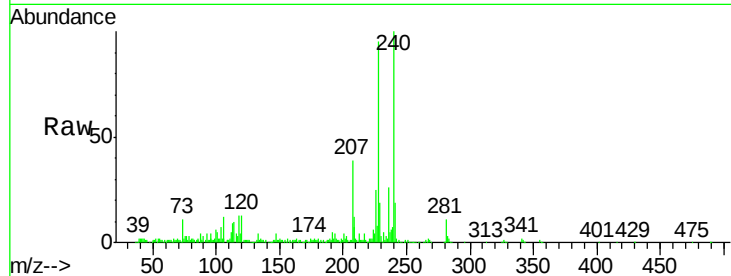
ClientSampleId :

NM108-2-COMP-2020-0-6

Tot Ion:	228	Resp:	135282
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.7	32.5
229	19.6	15.9	23.9

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#83

Chrysene

Concen: 3.578 ng

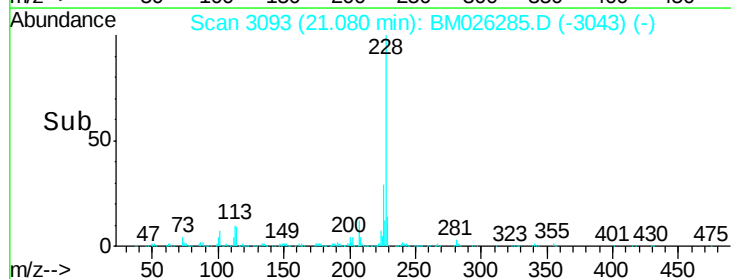
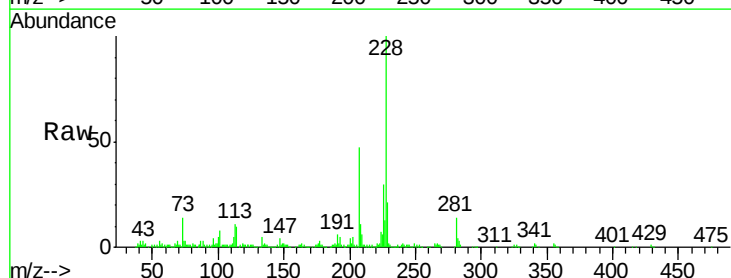
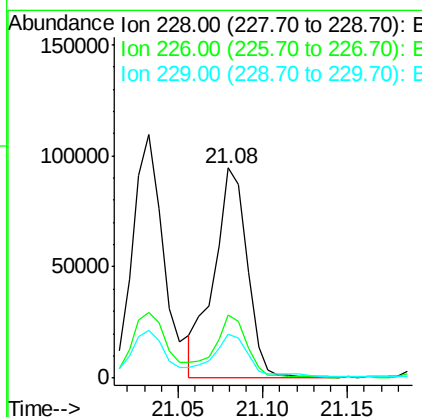
RT: 21.08 min Scan# 3093

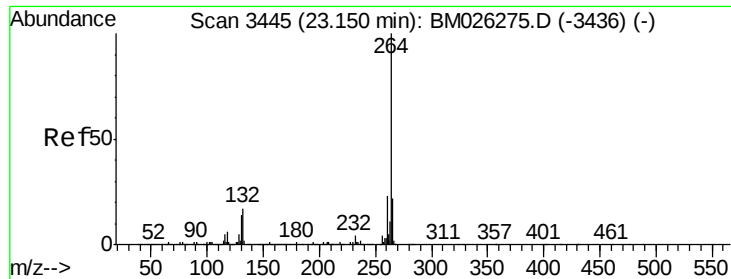
Delta R.T. -0.01 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Tgt Ion:	228	Resp:	129314
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.5	35.3
229	21.0	15.8	23.6





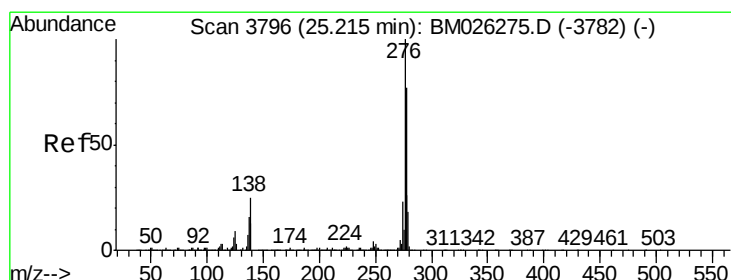
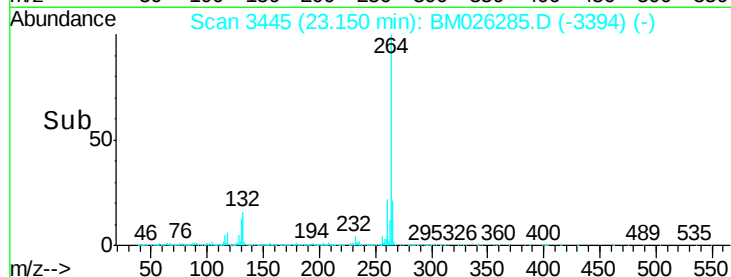
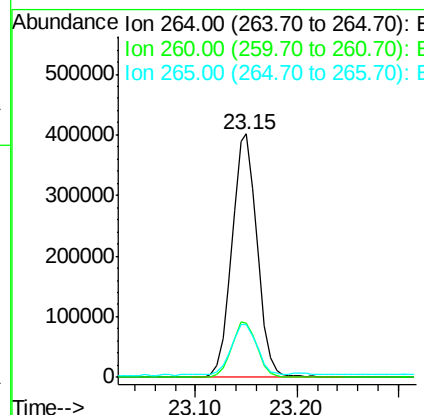
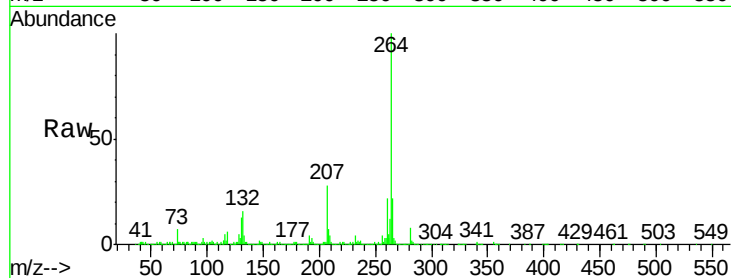
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM026285.D
Acq: 08 Jun 2020 14:06

Instrument :
BNA_M
ClientSampleId :
NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	28.0
265	21.7	18.2	27.2

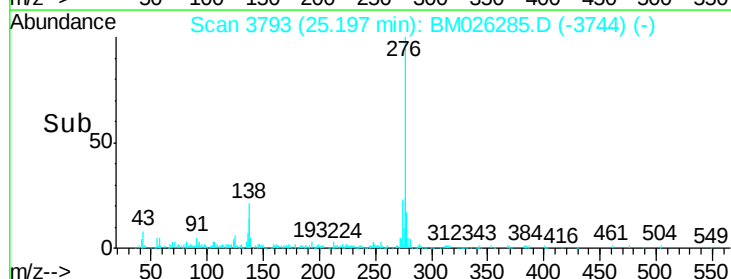
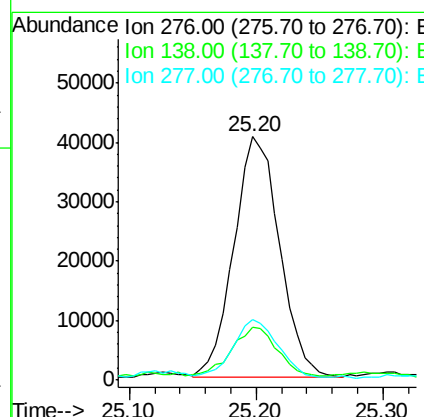
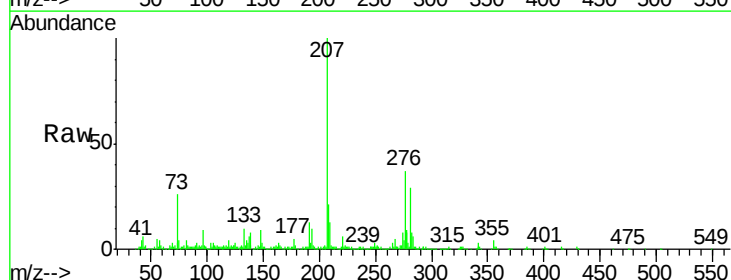
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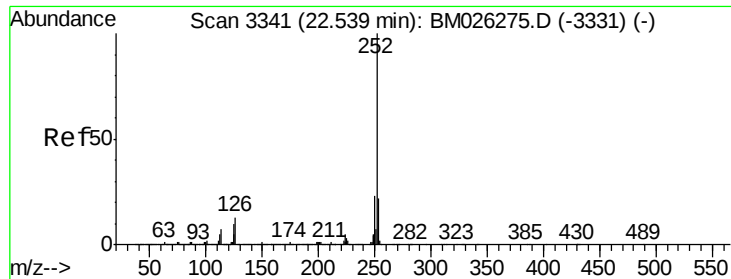
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.527 ng
RT: 25.20 min Scan# 3793
Delta R.T. -0.01 min
Lab File: BM026285.D
Acq: 08 Jun 2020 14:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.8	29.8
277	23.4	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 4.674 ng m

RT: 22.53 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Instrument :

BNA_M

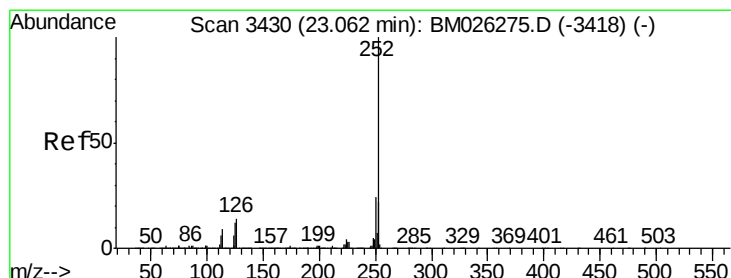
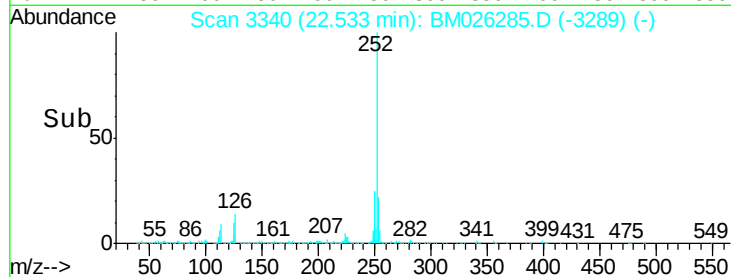
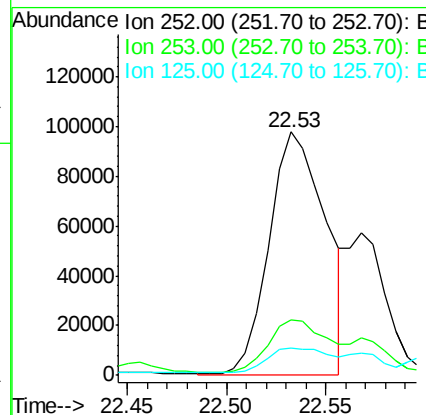
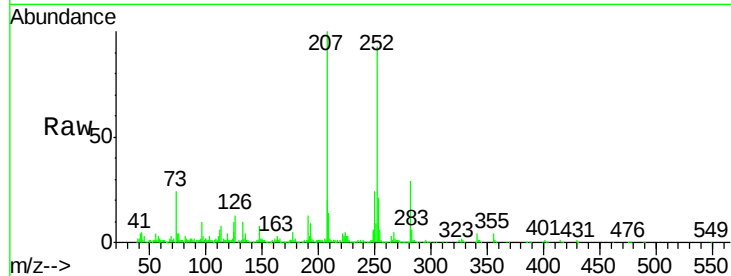
ClientSampleId :

NM108-2-COMP-2020-0-6

Tot Ion:	252	Resp:	193758
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	11.1	7.9	11.9

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#90

Benzo(a)pyrene

Concen: 3.762 ng

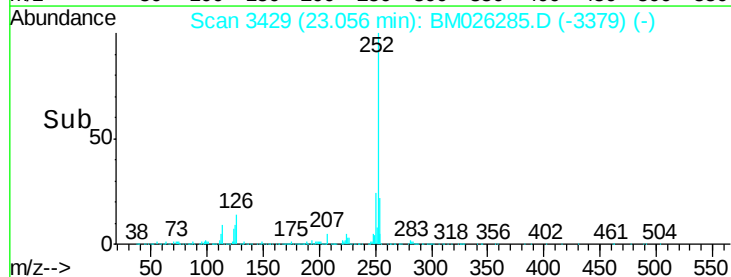
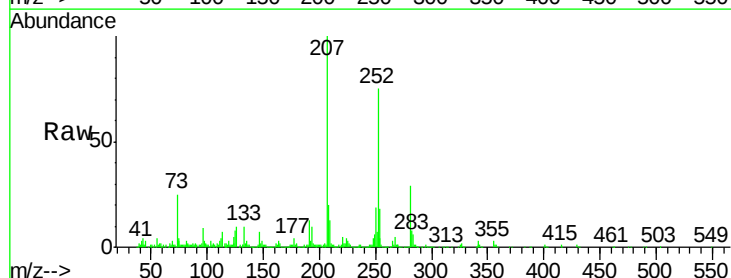
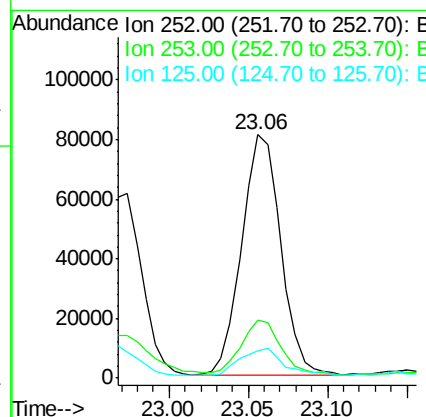
RT: 23.06 min Scan# 3429

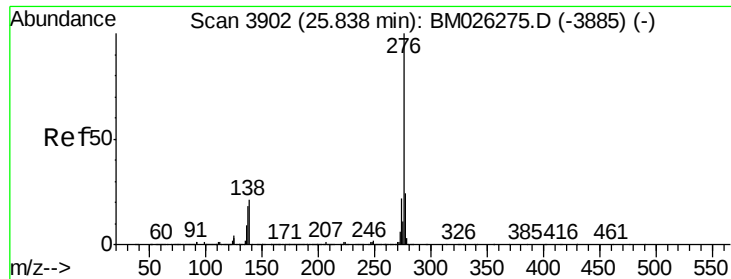
Delta R.T. -0.01 min

Lab File: BM026285.D

Acq: 08 Jun 2020 14:06

Tgt Ion:	252	Resp:	138518
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	11.0	9.4	14.0





#92
 Benzo(a,h,i)perylene
 Concen: 3.253 ng
 RT: 25.83 min Scan# 3900
 Delta R.T. -0.01 min
 Lab File: BM026285.D
 Acq: 08 Jun 2020 14:06

Instrument :
 BNA_M
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Tot Ion:	276	Resp:	103025
Ion Ratio	Lower	Upper	
276	100		
277	22.4	19.3	28.9
138	20.7	16.5	24.7

Manual Integrations
 APPROVED

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