

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
 Data File : BM026292.D
 Acq On : 08 Jun 2020 18:20
 Operator : JU/CG
 Sample : L2890-07RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 26572-25062-251686RE

Manual Integrations
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mohammad
 6/9/2020 12:21:49 PM

Quant Time: Jun 08 18:56:46 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	249201	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1008495	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	564077	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	961871	20.00	ng	0.00
76) Chrysene-d12	21.05	240	781509	20.00	ng	0.00
86) Perylene-d12	23.16	264	837822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1423866	101.02	ng	0.00
7) Phenol-d6	6.66	99	2035991	99.75	ng	0.01
23) Nitrobenzene-d5	8.59	82	1435268	69.88	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	643039	94.11	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	2884287	77.62	ng	0.00
79) Terphenyl-d14	19.50	244	2836550	70.46	ng	0.00
Target Compounds						
32) Benzoic acid	9.50	122	2765m	5.392	ng	Qvalue
50) Dimethylphthalate	13.57	163	379256	9.192	ng	99
71) Phenanthrene	16.89	178	355258	7.092	ng	99
75) Fluoranthene	18.91	202	683660	11.905	ng	99
78) Pyrene	19.27	202	574429	11.124	ng	99
81) Benzo(a)anthracene	21.03	228	319434	6.810	ng	97
83) Chrysene	21.09	228	312089	6.981	ng	98
87) Indeno(1,2,3-cd)pyrene	25.21	276	212476	4.384	ng	# 95
88) Benzo(b)fluoranthene	22.54	252	433662m	8.604	ng	
89) Benzo(k)fluoranthene	22.57	252	151529m	3.095	ng	
90) Benzo(a)pyrene	23.06	252	299760	6.697	ng	98
92) Benzo(a,h,i)perylene	25.83	276	207896	5.400	ng	99

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

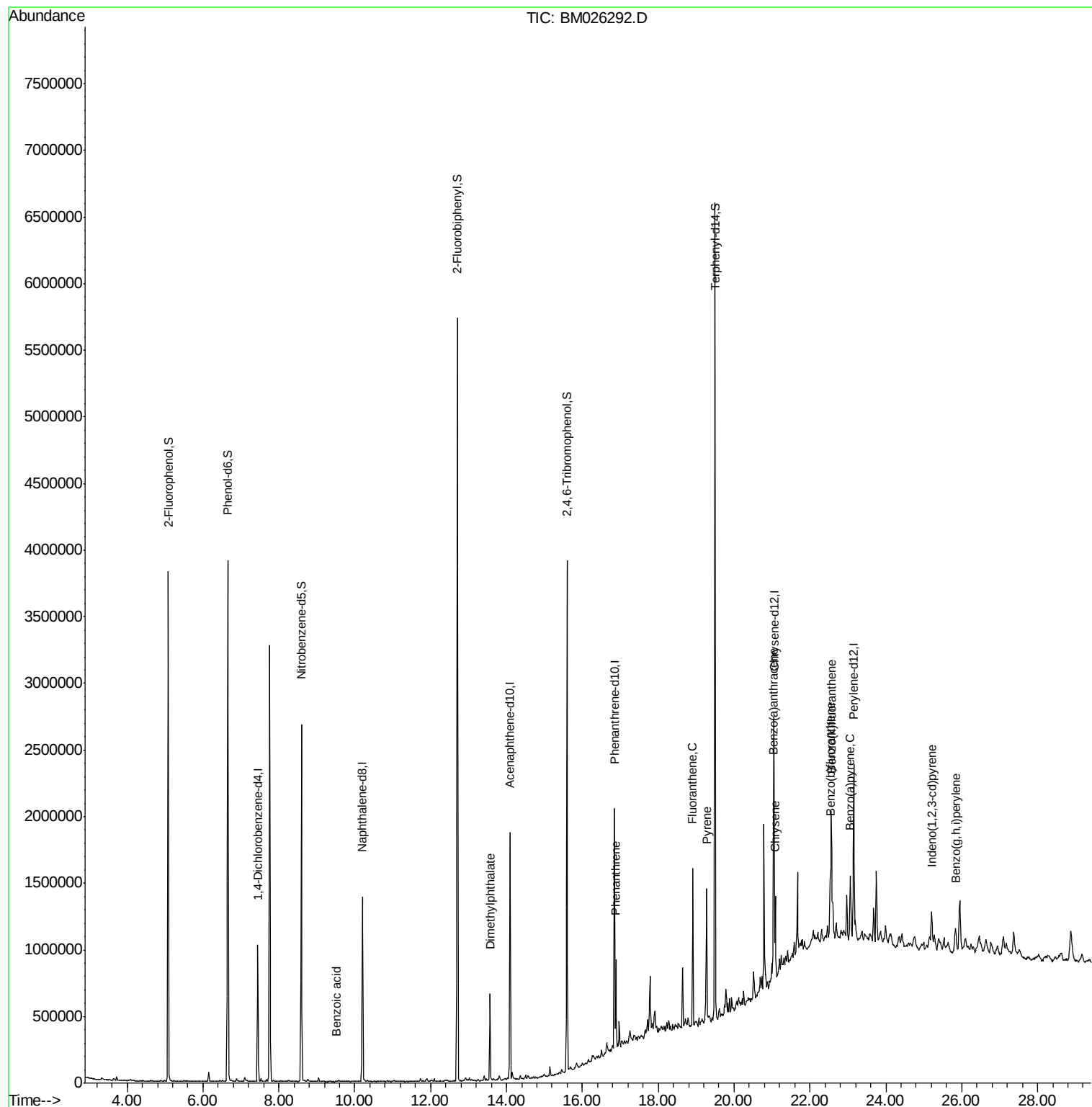
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
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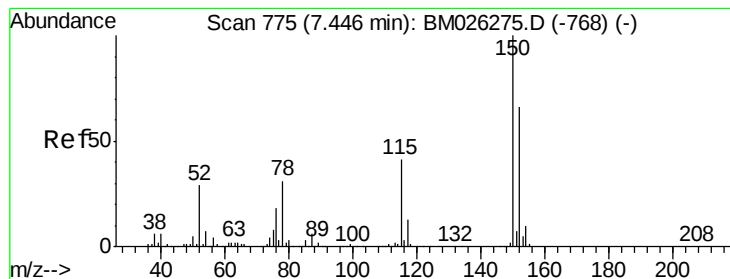
Instrument :
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ClientSampleId :
26572-25062-251686RE

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Quant Time: Jun 08 18:56:46 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





#1

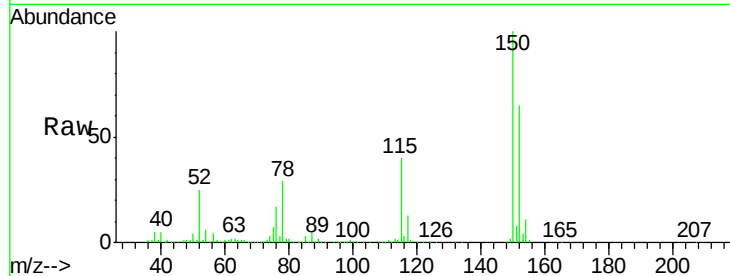
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.1	183.1
115	62.0	49.7	74.5

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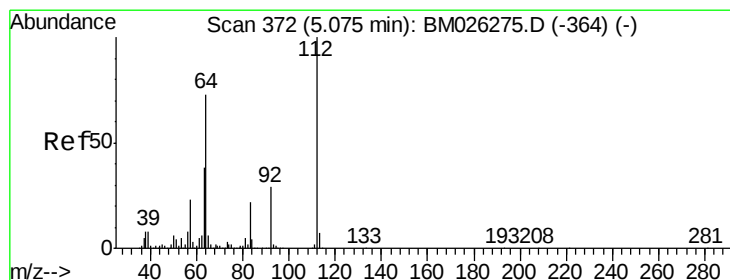
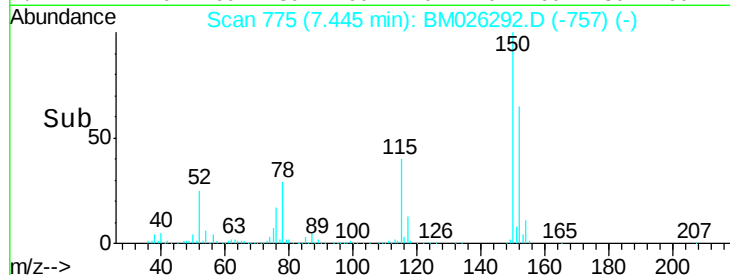
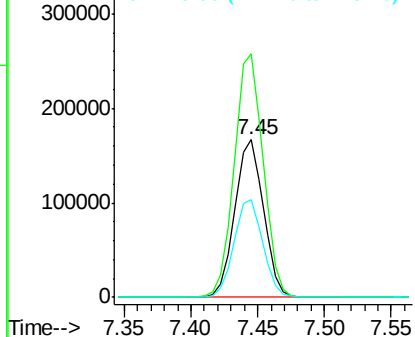


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

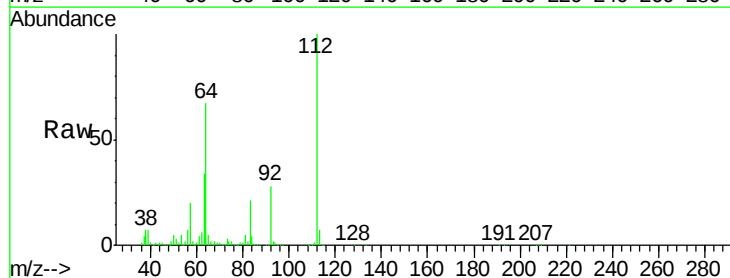
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.021 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	58.1	87.1
63	34.5	30.6	45.8

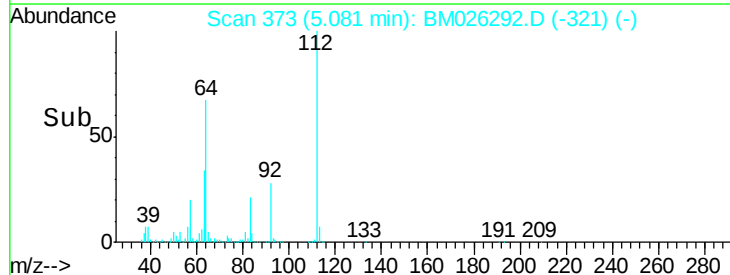
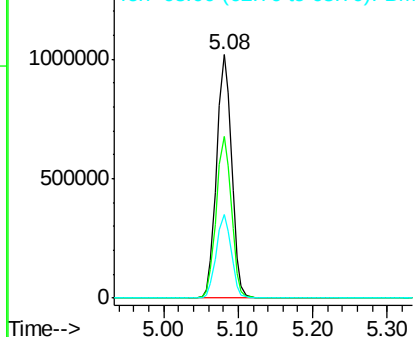


Abundance

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: 99.755 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

ClientSampleId :

26572-25062-251686RE

Tot Ion: 99 Resp: 2035991

Ion Ratio Lower Upper

99 100

42 19.7 18.0 27.0

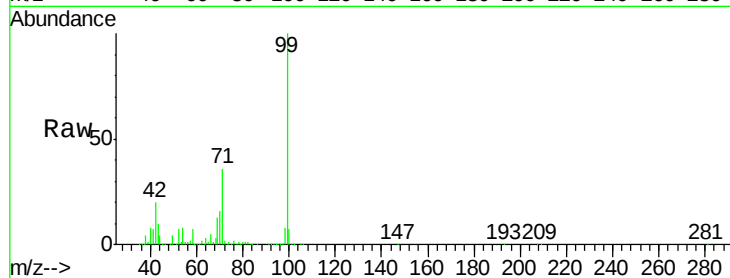
71 36.4 30.6 45.8

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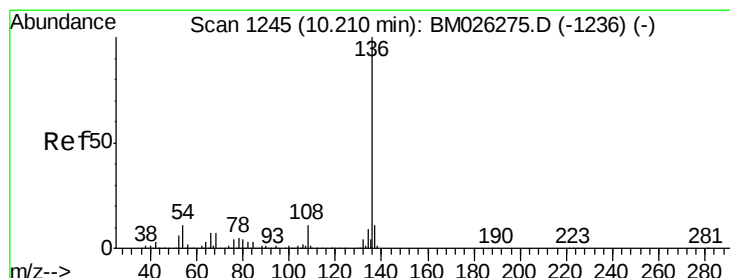
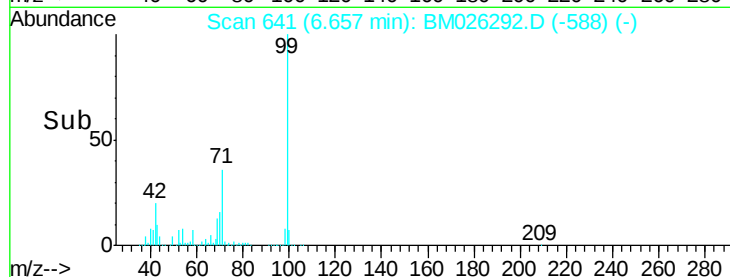
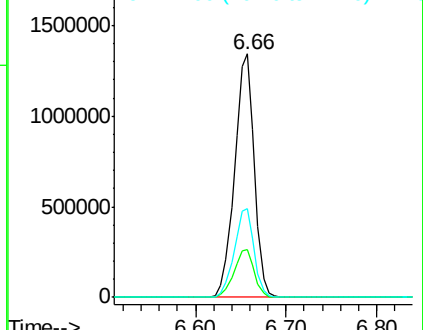
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Abundance Ion 99.00 (98.70 to 99.70): BM026292.D (-588) (-)

Ion 42.00 (41.70 to 42.70): BM026292.D (-588) (-)

Ion 71.00 (70.70 to 71.70): BM026292.D (-588) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Tgt Ion: 136 Resp: 1008495

Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 10.1 9.0 13.4

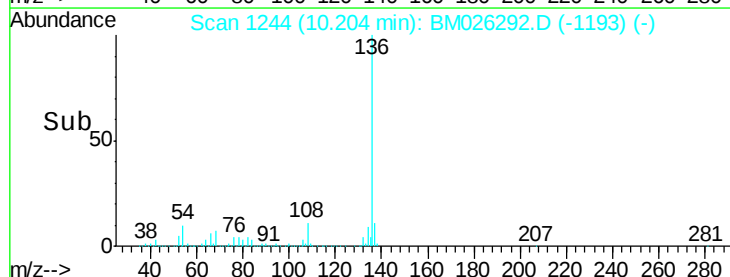
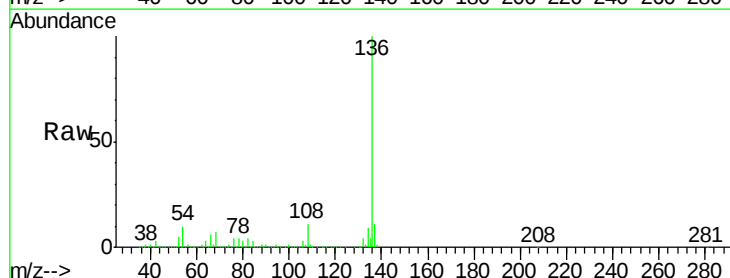
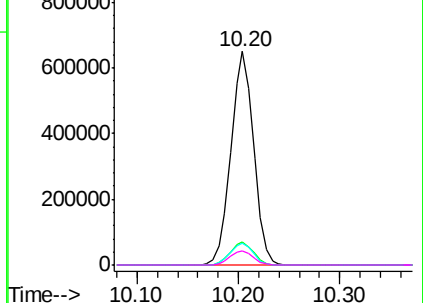
68 6.9 5.6 8.4

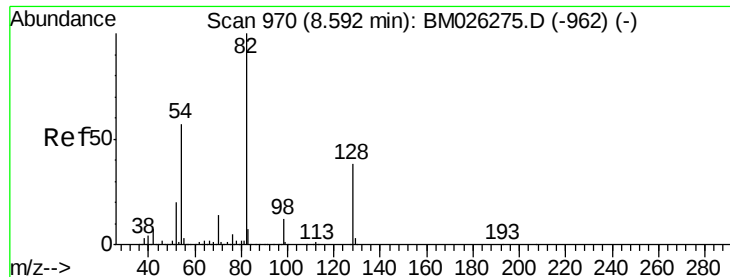
Abundance Ion 136.00 (135.70 to 136.70): BM026292.D (-1193) (-)

Ion 137.00 (136.70 to 137.70): BM026292.D (-1193) (-)

Ion 54.00 (53.70 to 54.70): BM026292.D (-1193) (-)

Ion 68.00 (67.70 to 68.70): BM026292.D (-1193) (-)





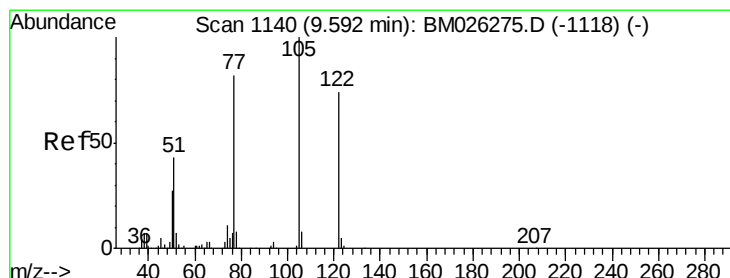
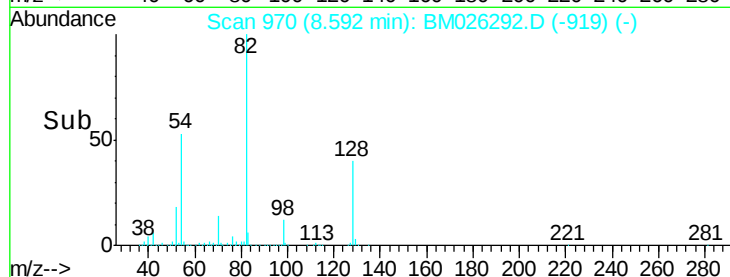
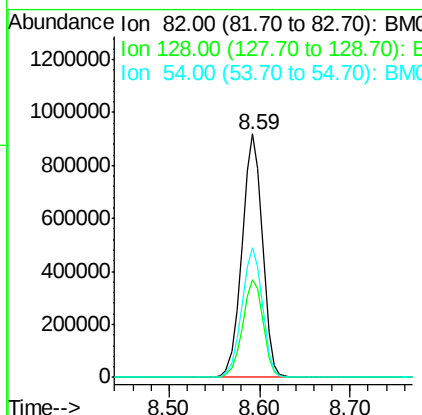
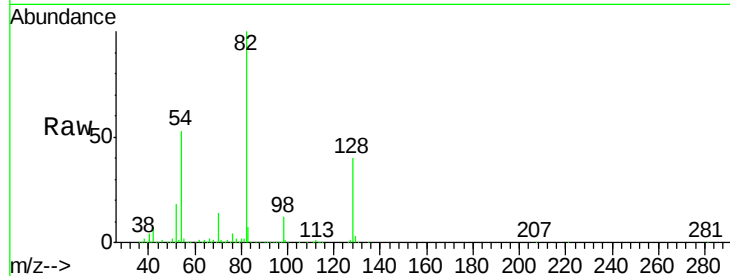
#23
 Nitrobenzene-d5
 Concen: 69.878 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM026292.D
 Acq: 08 Jun 2020 18:20

Instrument :
 BNA_M
 ClientSampleId :
 26572-25062-251686RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.3	45.5
54	53.0	45.4	68.2

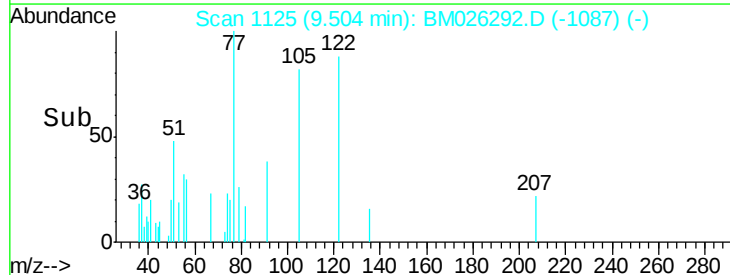
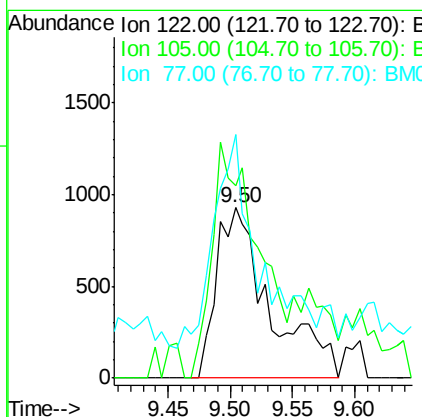
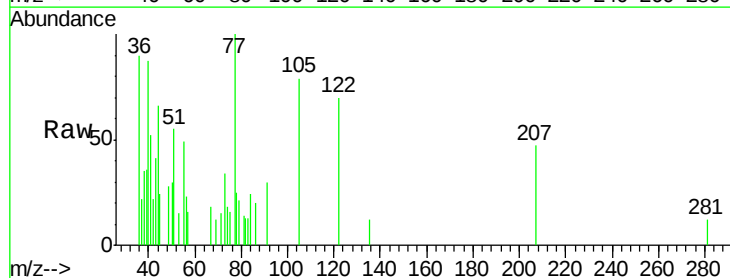
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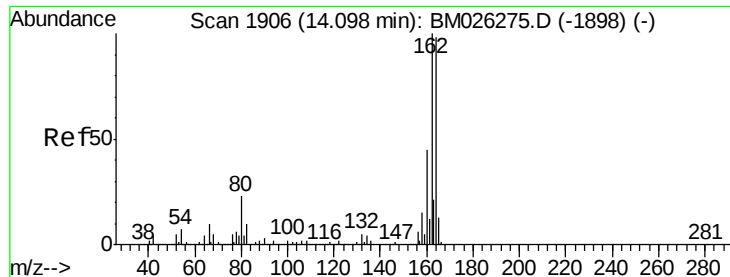
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#32
 Benzoic acid
 Concen: 5.392 ng m
 RT: 9.50 min Scan# 1125
 Delta R.T. -0.08 min
 Lab File: BM026292.D
 Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.7	112.4	152.4
77	143.0	89.8	129.8#





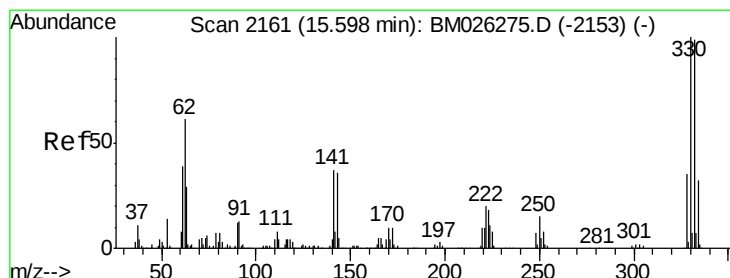
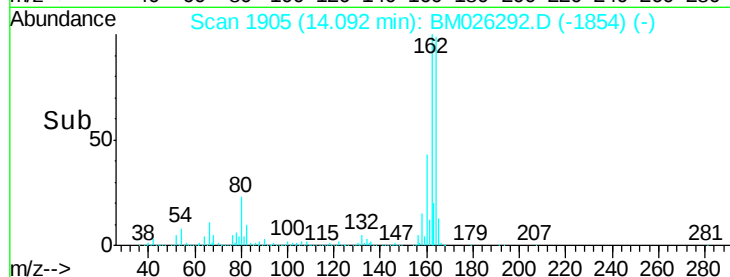
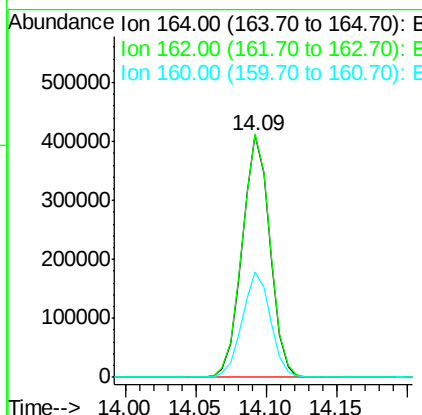
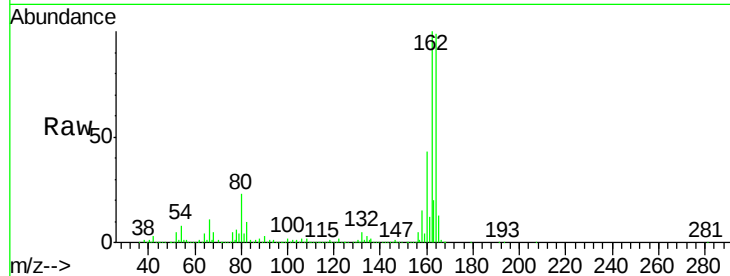
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	564077		
162	100.6		81.4	122.2
160	43.5		36.4	54.6

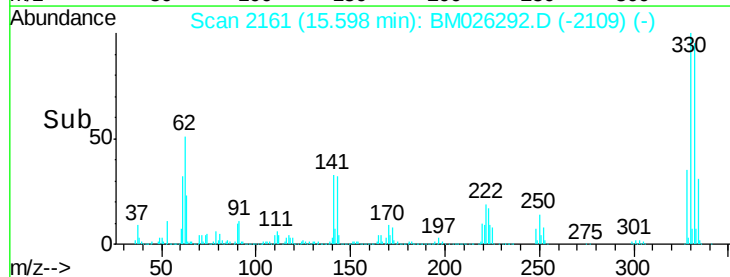
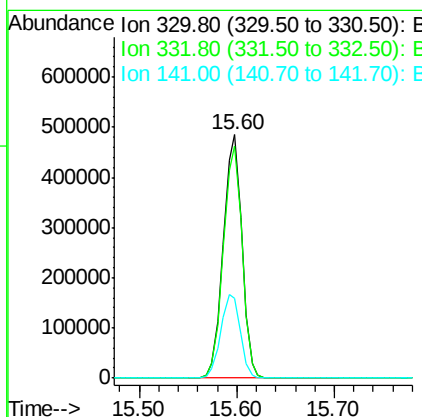
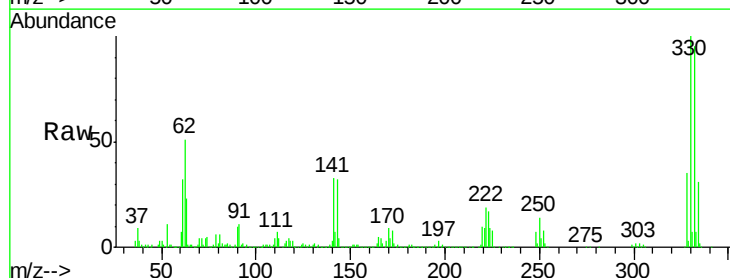
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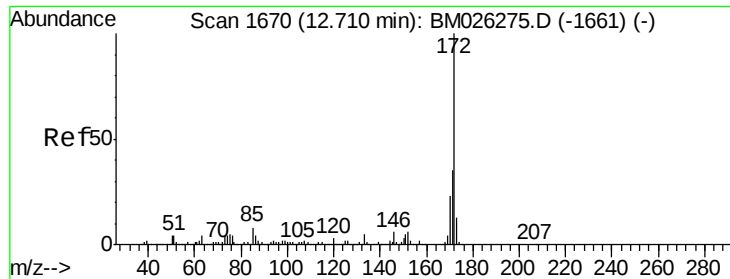
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#42
2,4,6-Tribromophenol
Concen: 94.109 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	643039		
332	96.2		78.1	117.1
141	35.8		30.0	45.0





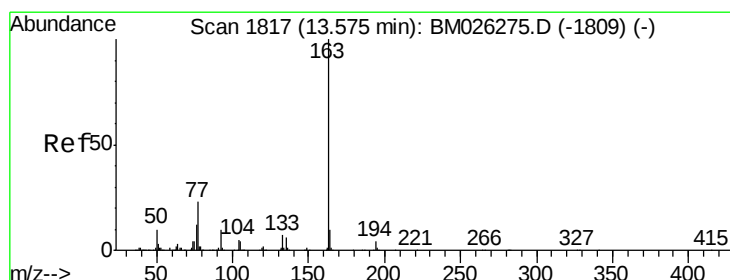
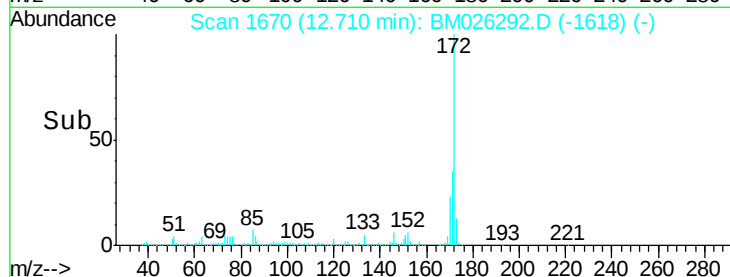
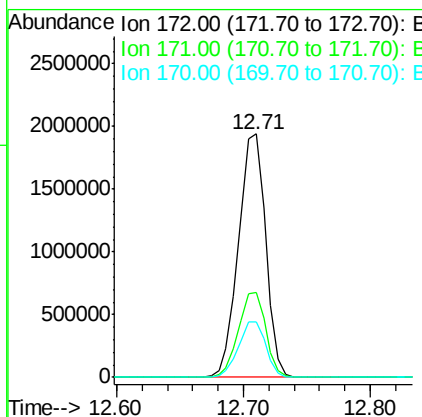
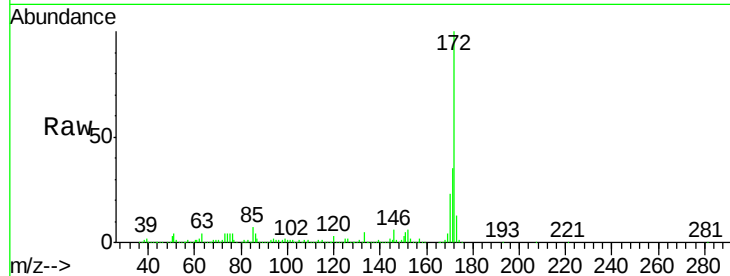
#45
2-Fluorobiphenyl
Concen: 77.618 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.8	18.3	27.5

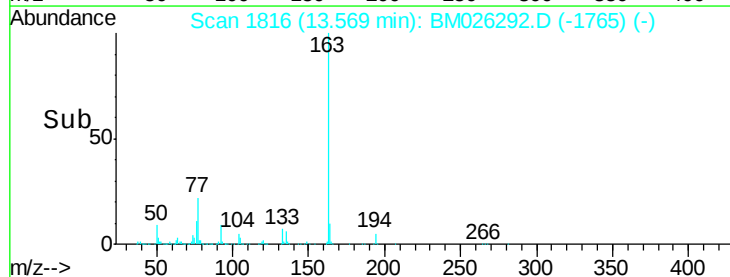
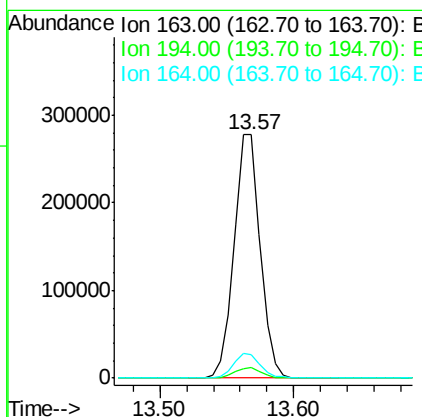
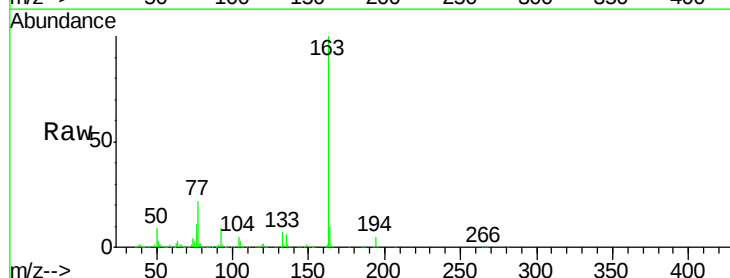
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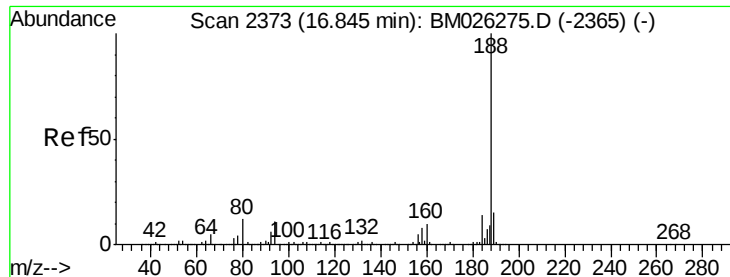
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#50
Dimethylphthalate
Concen: 9.192 ng
RT: 13.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.7	8.0	12.0





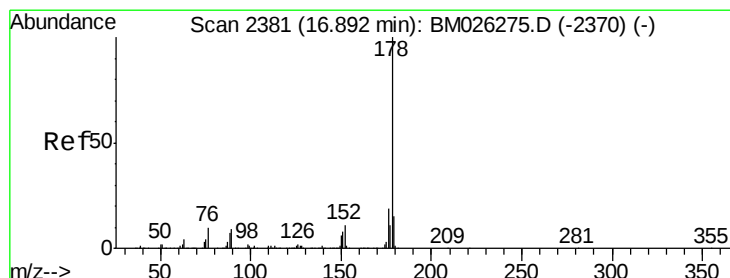
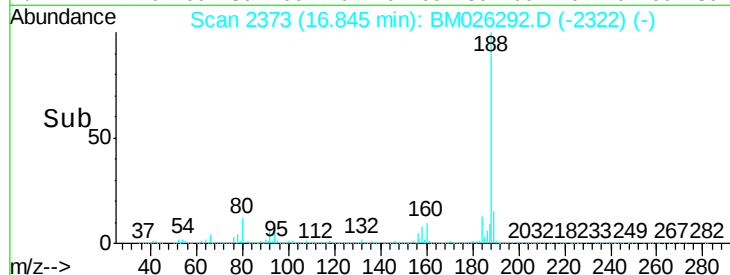
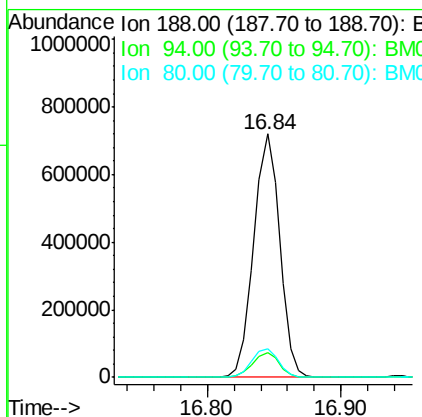
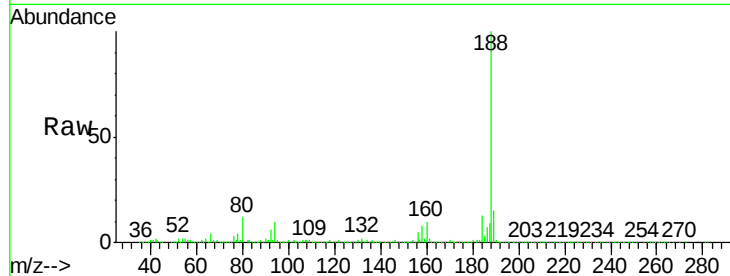
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	961871		
94	10.3		8.6	12.8
80	11.9		9.7	14.5

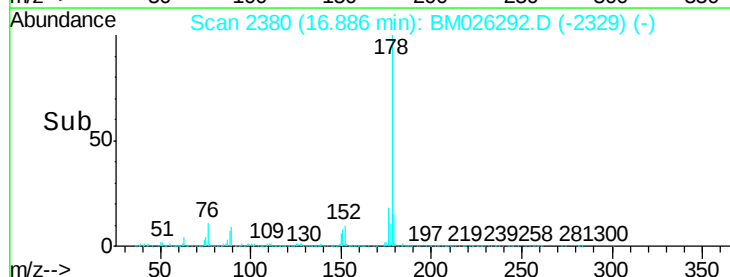
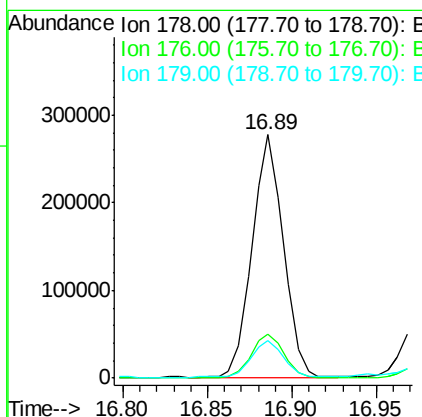
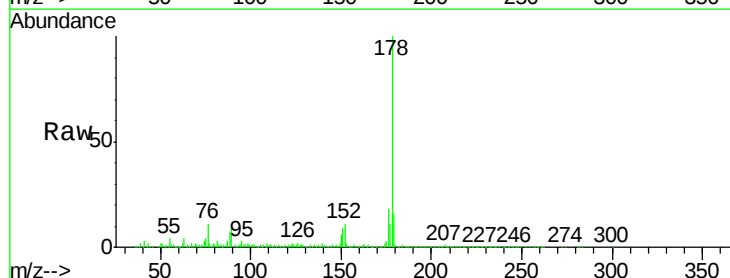
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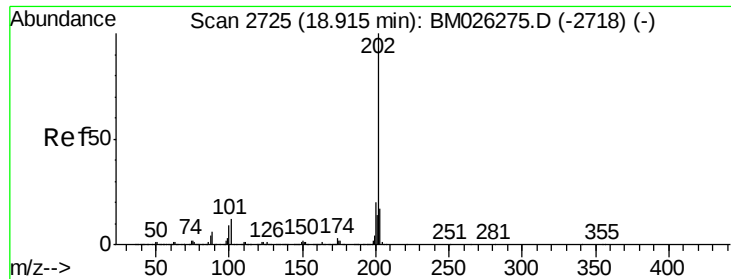
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#71
Phenanthrene
Concen: 7.092 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	355258		
176	18.1		14.9	22.3
179	15.5		12.0	18.0





#75

Fluoranthene

Concen: 11.905 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

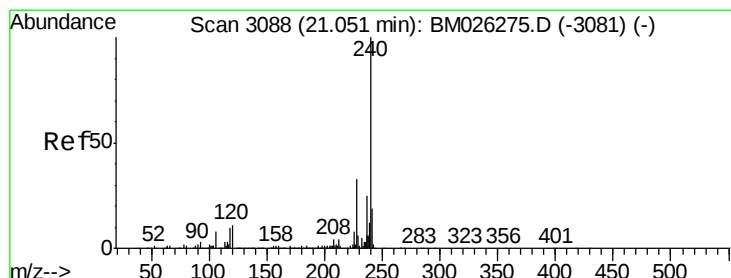
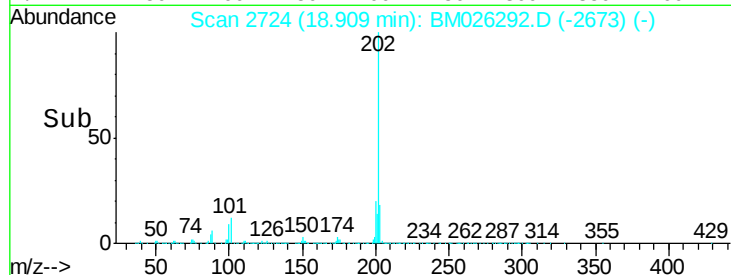
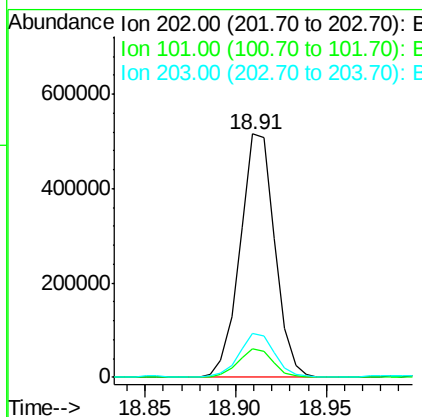
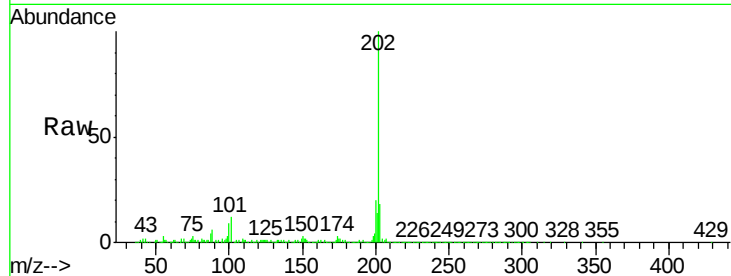
ClientSampleId :

26572-25062-251686RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	31.6
203	18.1	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

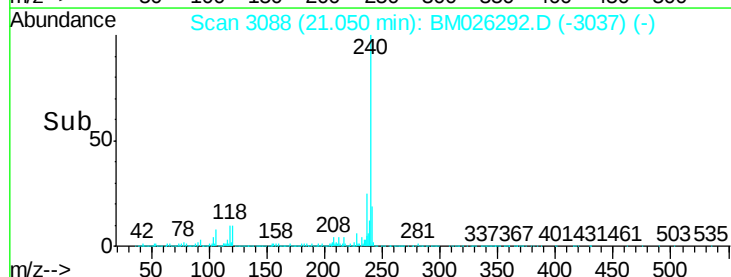
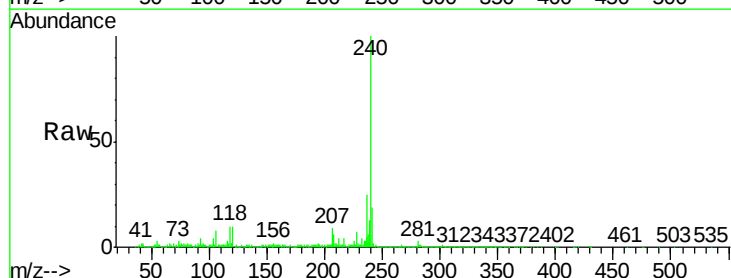
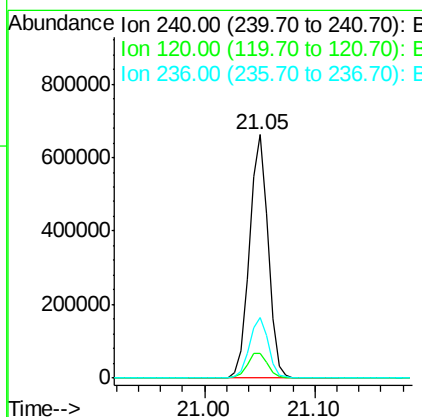
RT: 21.05 min Scan# 3088

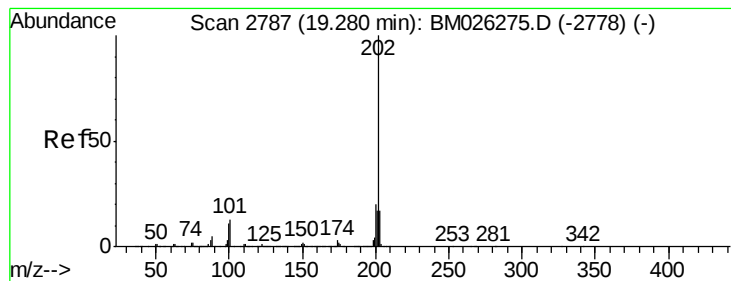
Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.1	19.7	29.5





#78

Pvrene

Concen: 11.124 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

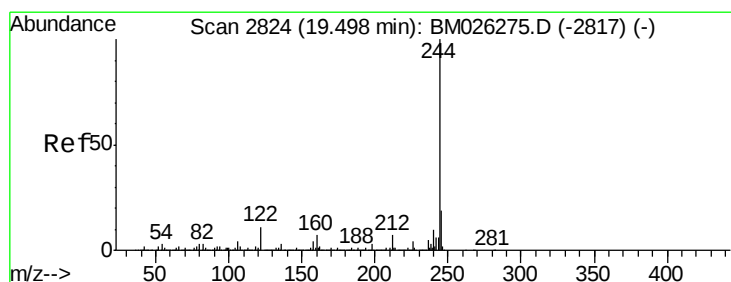
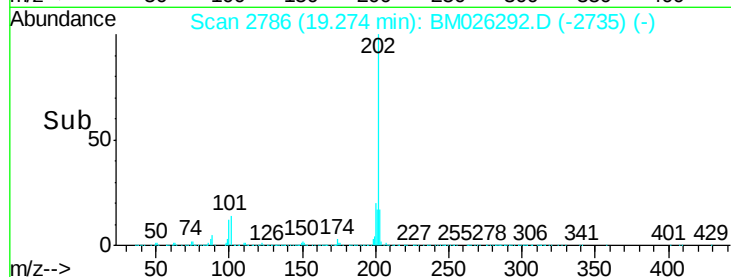
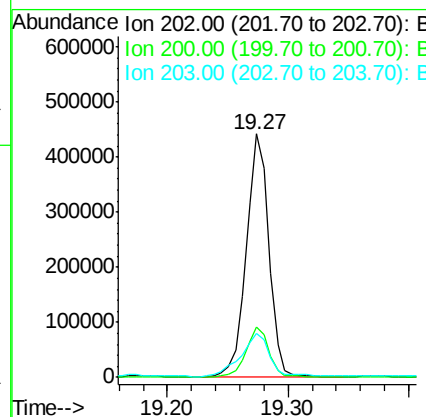
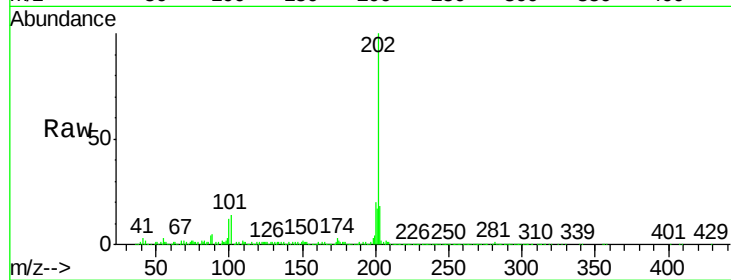
ClientSampleId :

26572-25062-251686RE

Tot Ion:	202	Resp:	574429
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.2	24.4
203	17.9	13.8	20.8

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#79

Terphenyl-d14

Concen: 70.457 ng

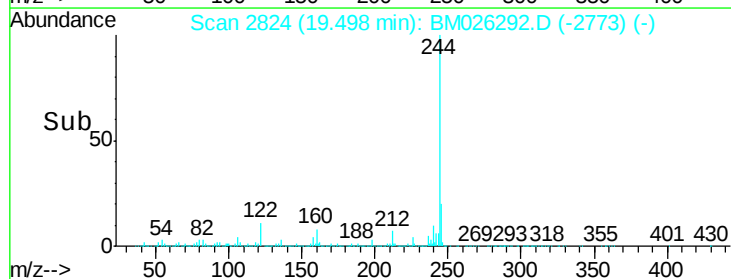
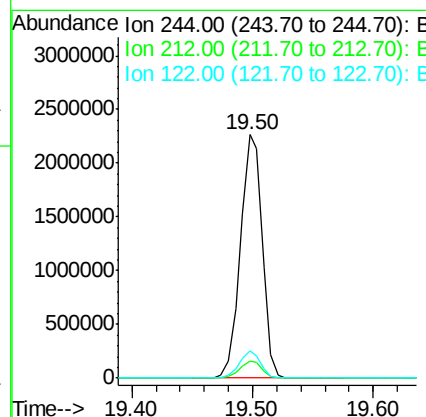
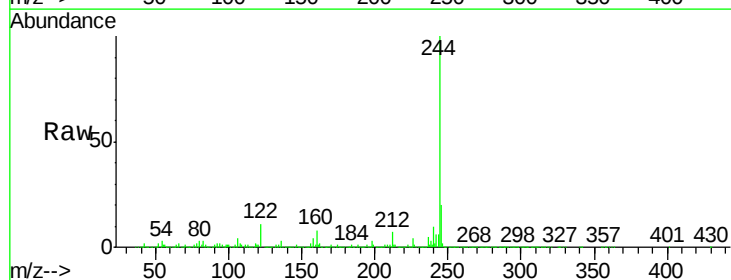
RT: 19.50 min Scan# 2824

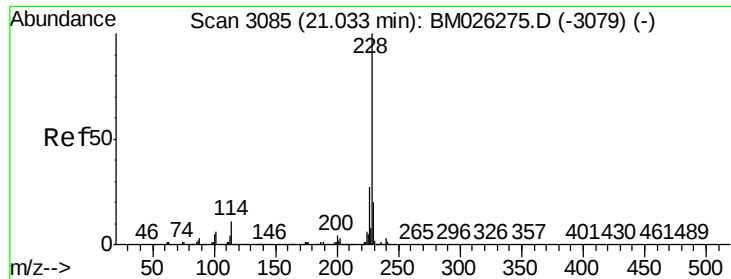
Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Tgt Ion:	244	Resp:	2836550
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	11.2	9.1	13.7





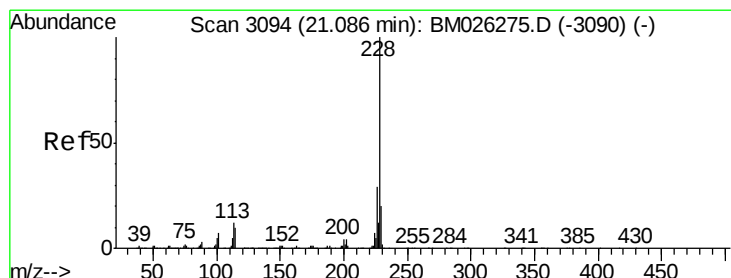
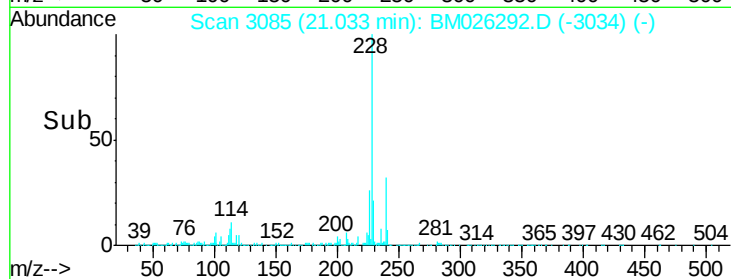
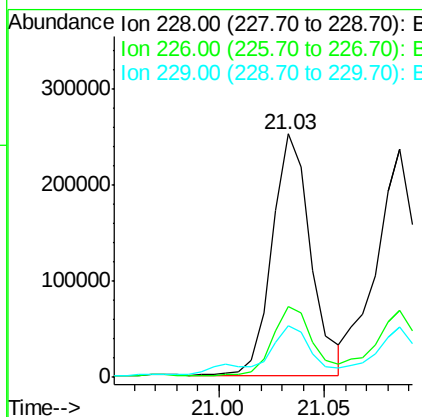
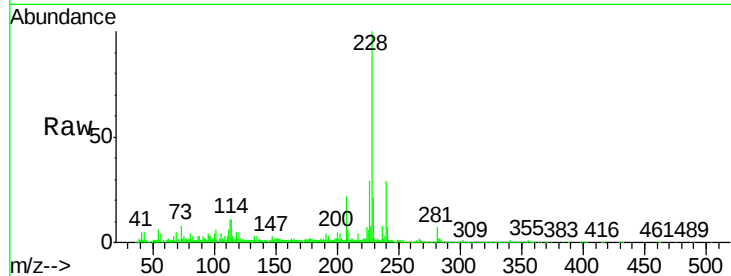
#81
Benzo(a)anthracene
Concen: 6.810 ng
RT: 21.03 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.7	32.5
229	21.1	15.9	23.9

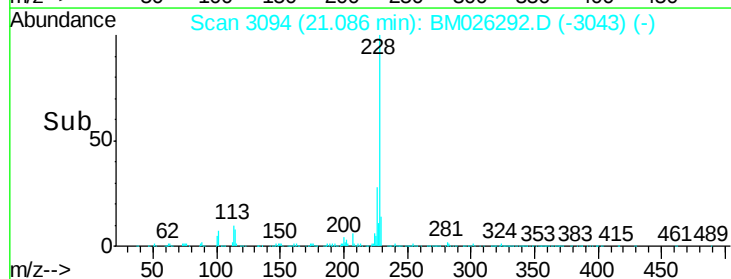
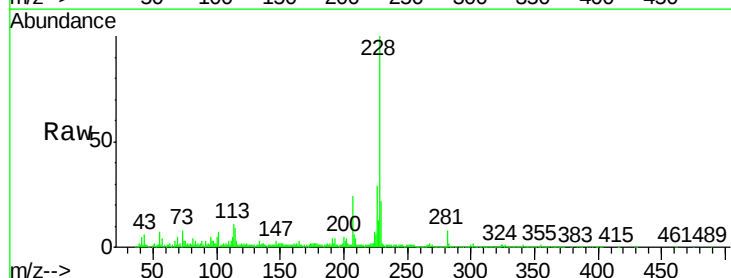
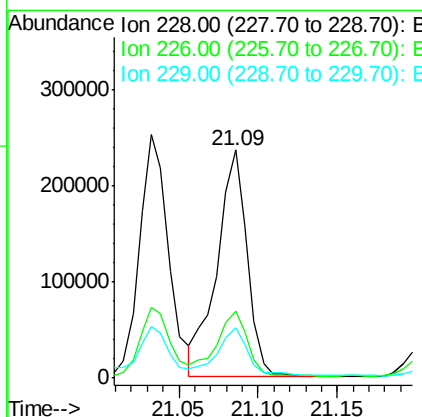
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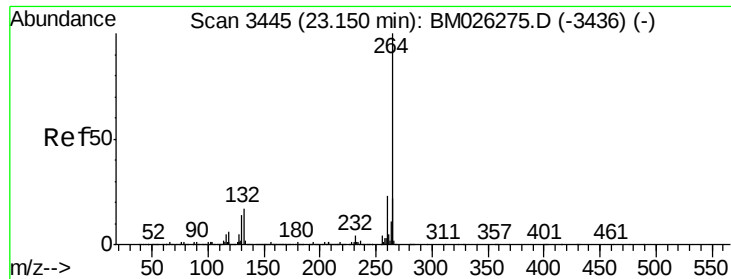
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#83
Chrysene
Concen: 6.981 ng
RT: 21.09 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	22.0	15.8	23.6





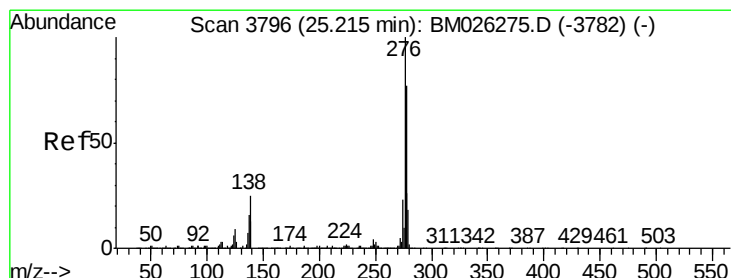
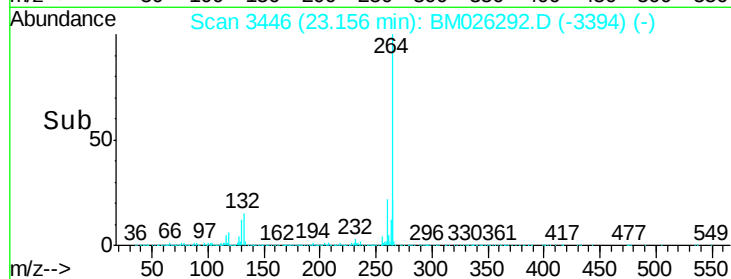
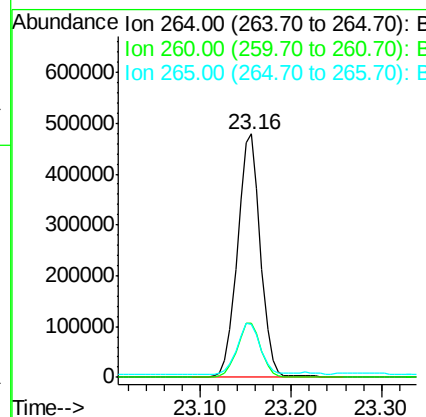
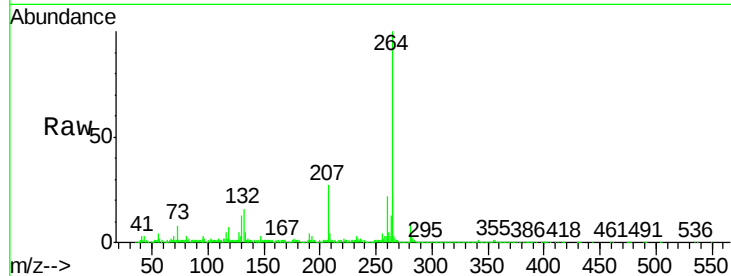
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	21.9	18.2	27.2

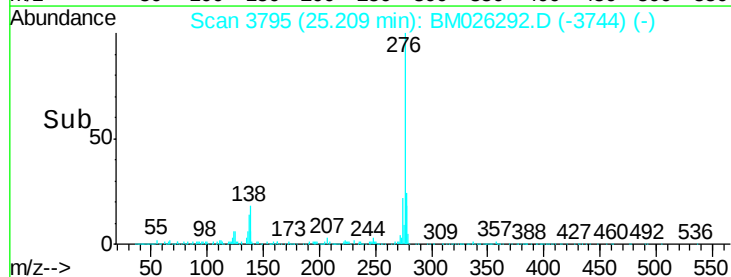
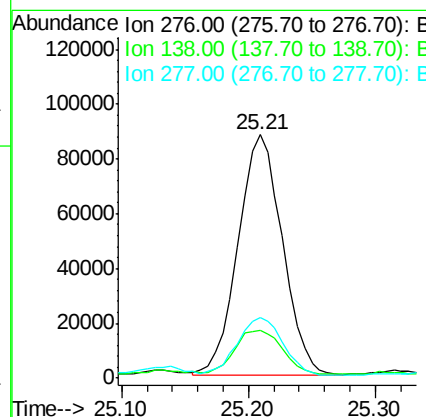
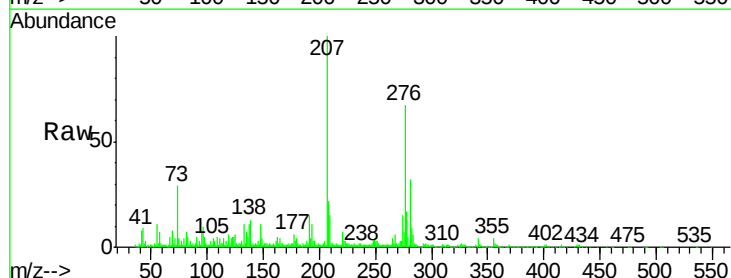
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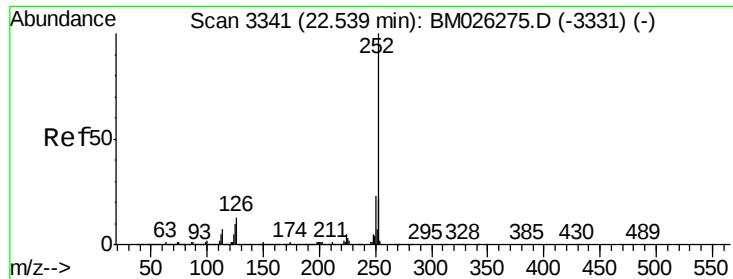
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.384 ng
RT: 25.21 min Scan# 3795
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.8	29.8#
277	24.9	20.2	30.2





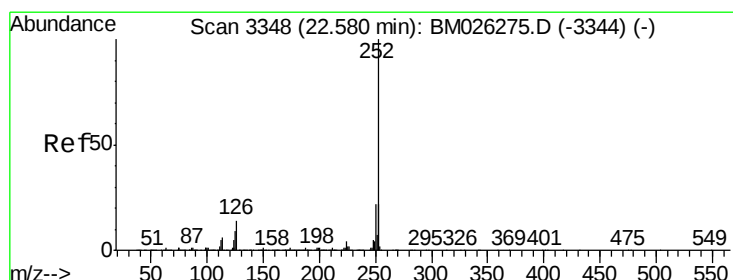
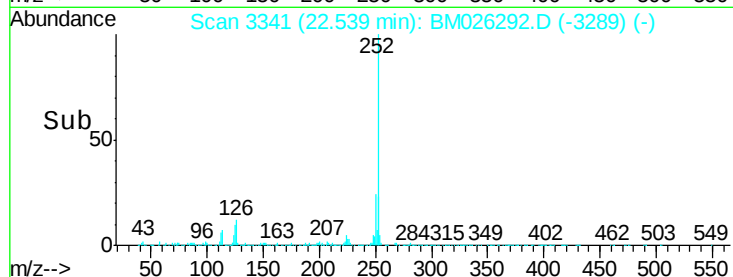
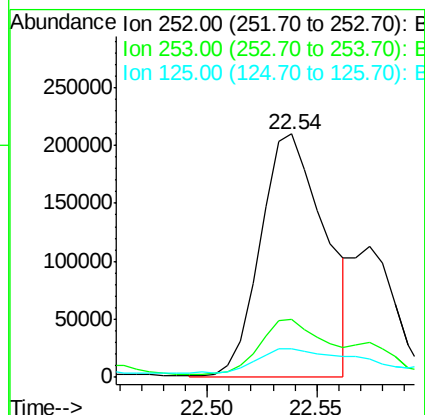
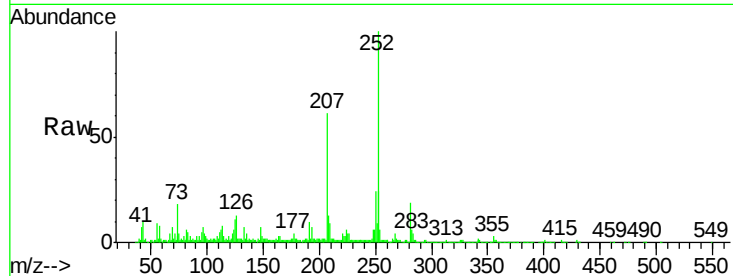
#88
Benzo(b)fluoranthene
Concen: 8.604 ng m
RT: 22.54 min Scan# 3341
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	11.5	7.9	11.9

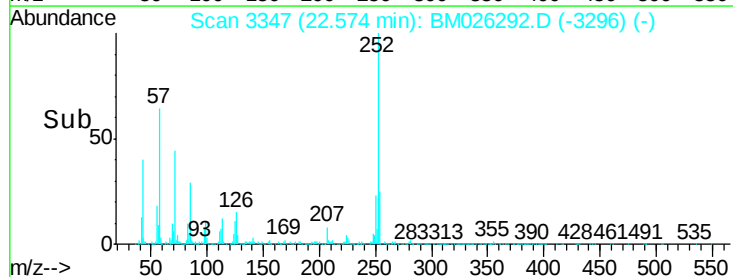
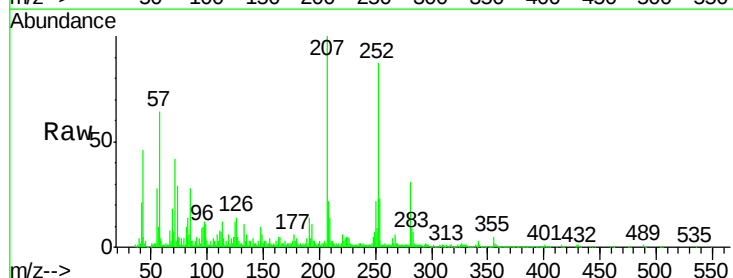
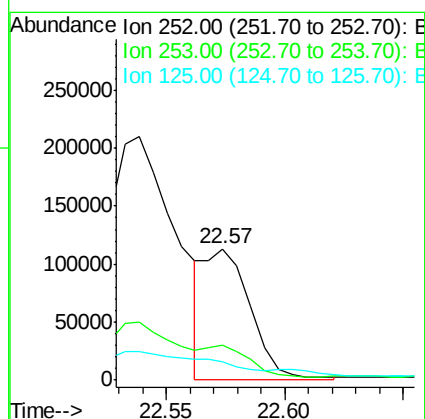
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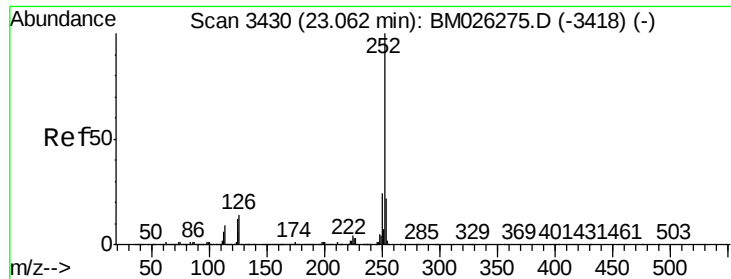
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#89
Benzo(k)fluoranthene
Concen: 3.095 ng m
RT: 22.57 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	14.0	7.8	11.6#





#90

Benzo(a)pyrene

Concen: 6.697 ng

RT: 23.06 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

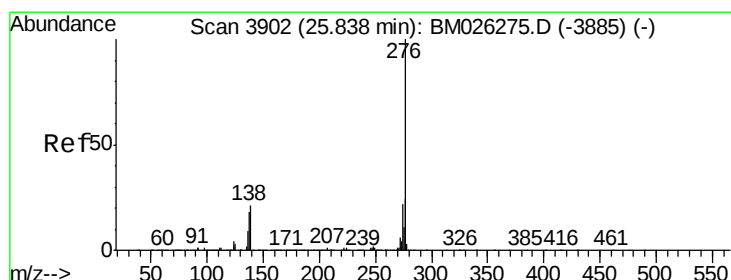
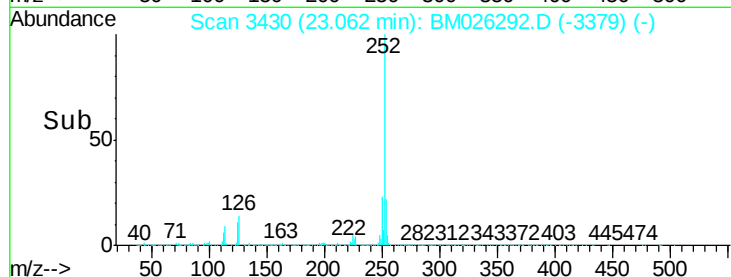
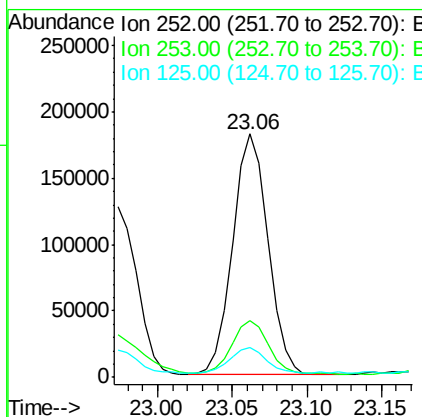
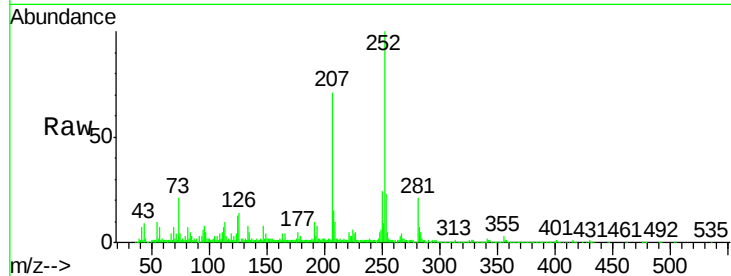
ClientSampleId :

26572-25062-251686RE

Tot Ion:	252	Resp:	299760
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	12.5	9.4	14.0

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 5.400 ng

RT: 25.83 min Scan# 3901

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Tgt Ion:	276	Resp:	207896
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.3	28.9
138	21.1	16.5	24.7

