

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026855.D
 Acq On : 23 Jul 2020 17:31
 Operator : JU/CG
 Sample : L3381-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 364-GRID-A7-A8

Manual Integrations
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 7/24/2020 12:16:27 PM

Quant Time: Jul 24 04:04:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	99374	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	361186	20.00	ng	-0.02
39) Acenaphthene-d10	13.95	164	202199	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	407821	20.00	ng	-0.01
76) Chrysene-d12	20.95	240	467932	20.00	ng	0.00
86) Perylene-d12	23.01	264	500103	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	459900	77.57	ng	-0.02
7) Phenol-d6	6.50	99	591329	62.60	ng	-0.01
23) Nitrobenzene-d5	8.43	82	403014	47.60	ng	-0.02
42) 2,4,6-Tribromophenol	15.47	330	191898	65.15	ng	0.00
45) 2-Fluorobiphenyl	12.55	172	724394	47.64	ng	-0.01
79) Terphenyl-d14	19.38	244	1003132	42.19	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	10.08	128	43755	2.178	ng	100
49) Acenaphthylene	13.67	152	44250	2.145	ng	94
50) Dimethylphthalate	13.42	163	112636	6.513	ng	98
71) Phenanthrene	16.75	178	104150	4.326	ng	96
72) Anthracene	16.85	178	64898	2.708	ng	96
75) Fluoranthene	18.79	202	303682	10.241	ng	98
78) Pyrene	19.16	202	317376	10.767	ng	98
81) Benzo(a)anthracene	20.93	228	177316	5.641	ng	# 89
83) Chrysene	20.98	228	200139	6.542	ng	# 93
84) Bis(2-ethylhexyl)phthalate	20.89	149	542046	25.579	ng	99
85) Di-n-octyl phthalate	21.74	149	228258	6.302	ng	# 90
87) Indeno(1,2,3-cd)pyrene	25.01	276	137224	3.854	ng	96
88) Benzo(b)fluoranthene	22.41	252	261422m	7.934	ng	
89) Benzo(k)fluoranthene	22.45	252	107309m	3.320	ng	
90) Benzo(a)pyrene	22.92	252	202274	6.612	ng	# 88
92) Benzo(g,h,i)perylene	25.61	276	138103	4.987	ng	94

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

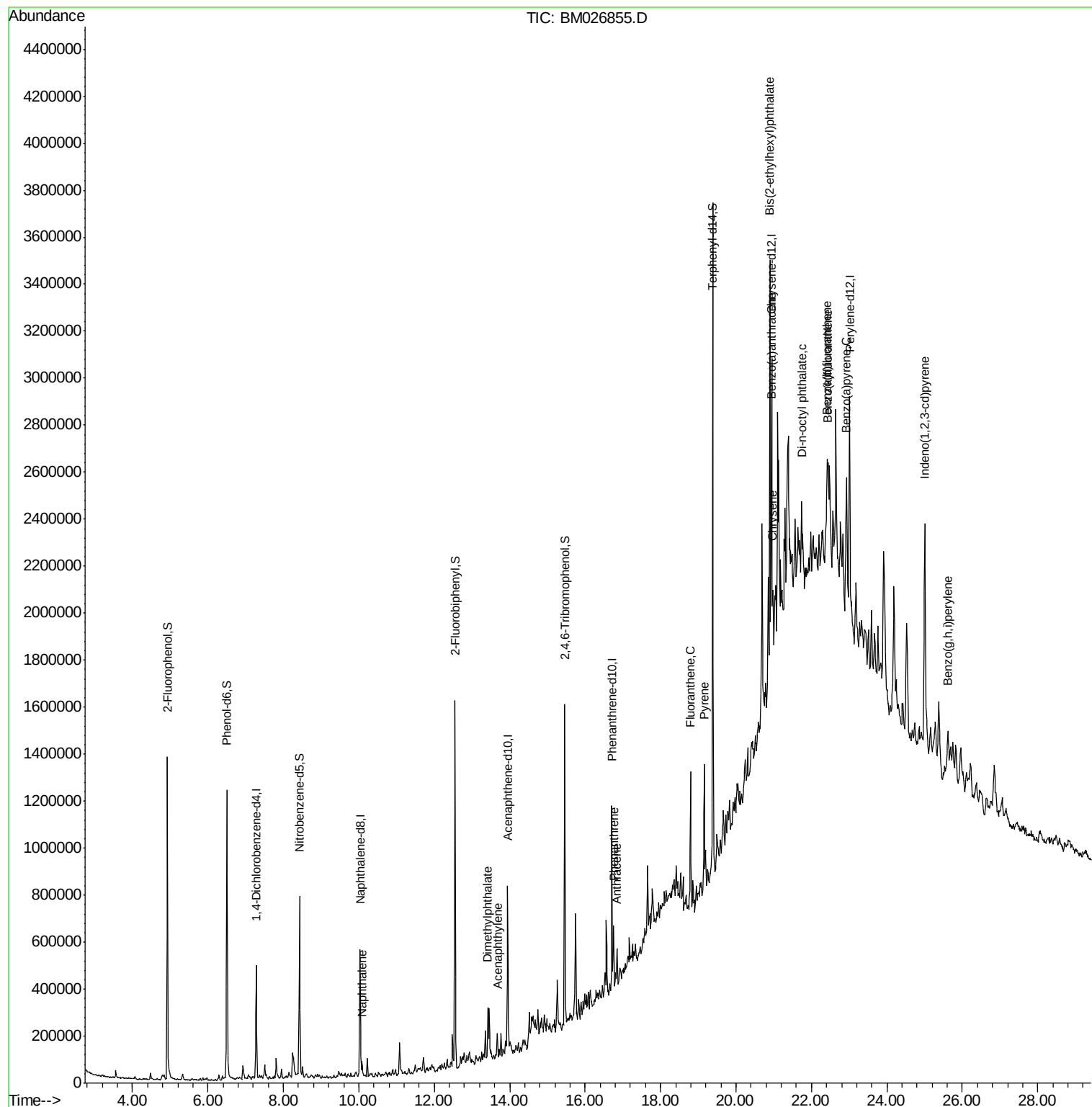
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

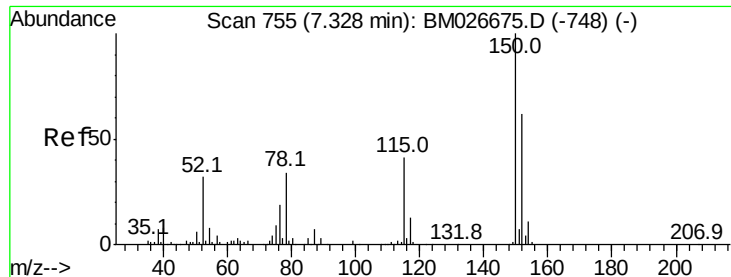
Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

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Quant Time: Jul 24 04:04:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration





#1

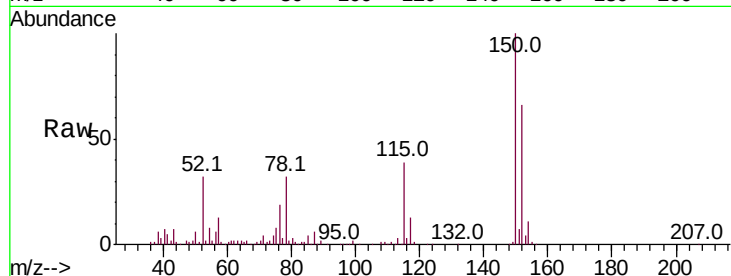
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	128.1	192.1
115	59.8	52.2	78.4

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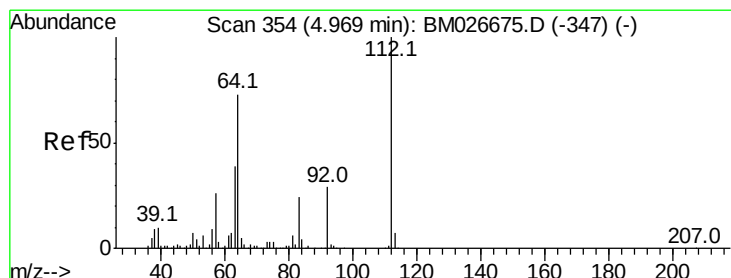
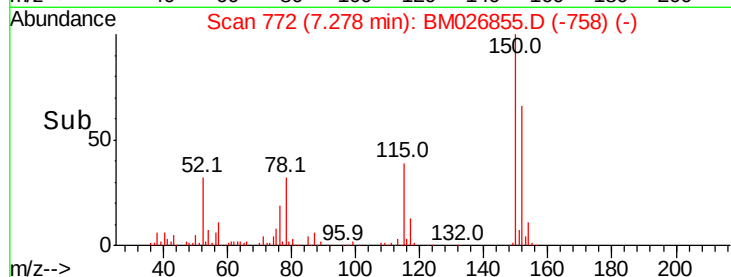
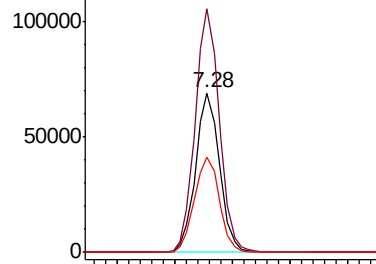


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

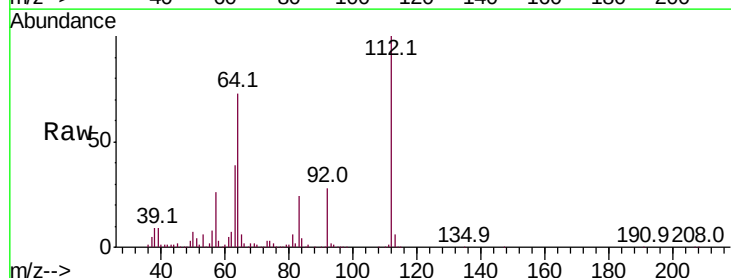
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.569 ng
RT: 4.93 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	58.4	87.6
63	39.0	31.5	47.3

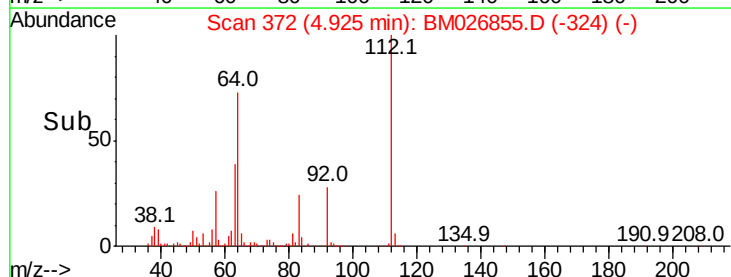
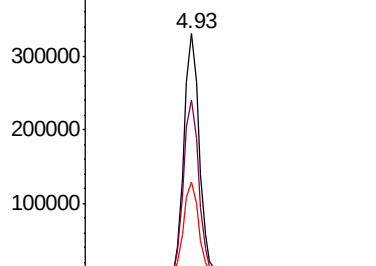


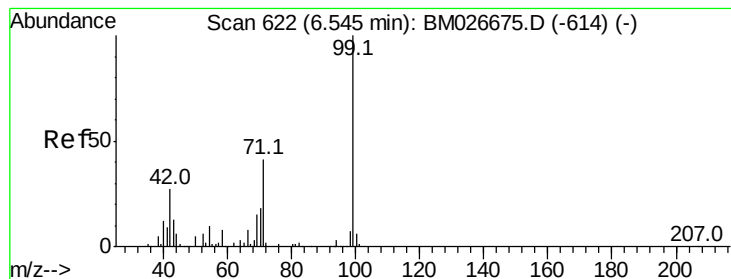
Abundance

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: 62.599 ng

RT: 6.50 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Instrument :

BNA_M

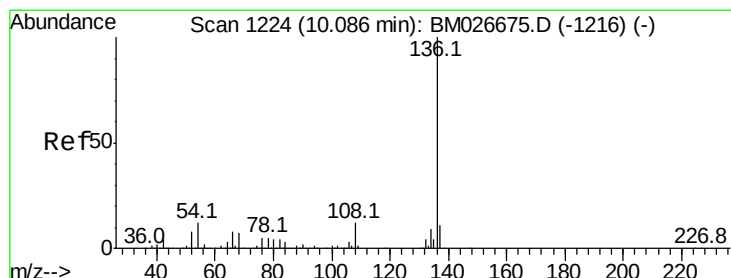
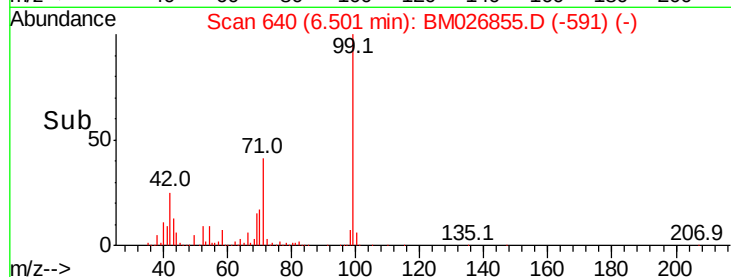
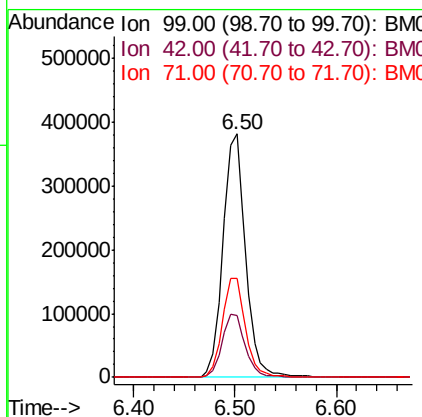
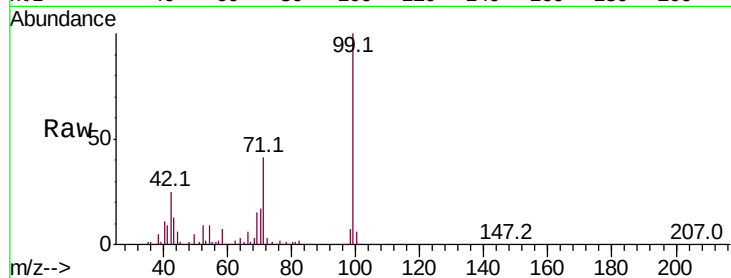
ClientSampled :

364-GRID-A7-A8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		591329		
42	25.2	21.7	32.5		
71	40.6	33.2	49.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

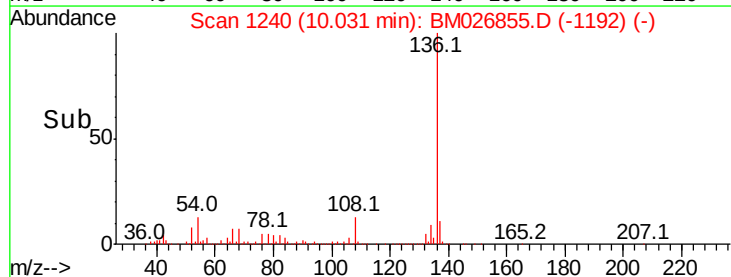
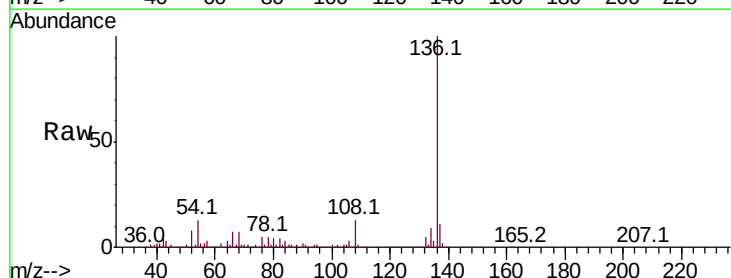
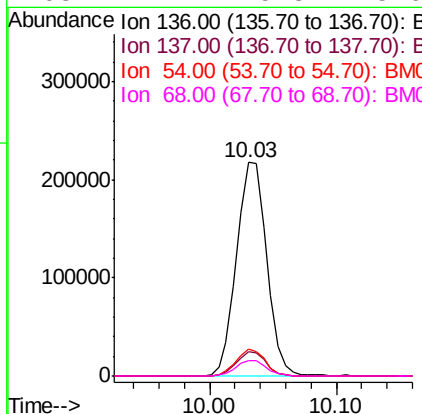
RT: 10.03 min Scan# 1240

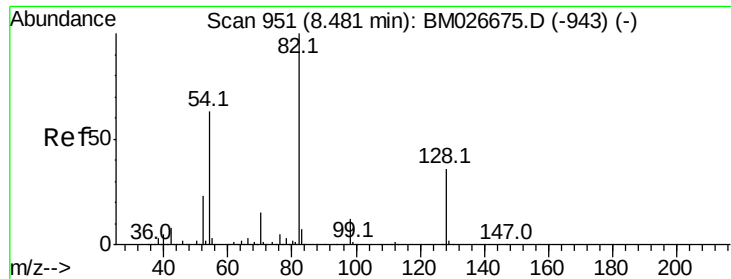
Delta R.T. -0.02 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		361186		
137	11.2	8.6	12.8		
54	12.7	9.8	14.6		
68	7.4	5.8	8.6		





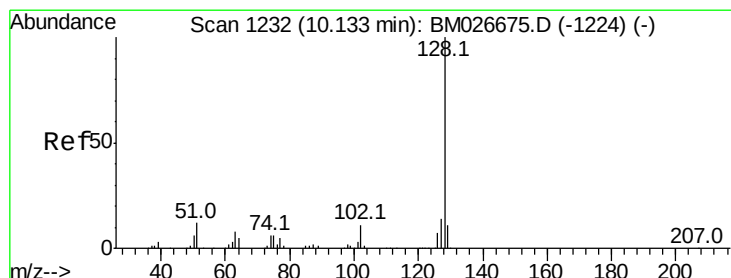
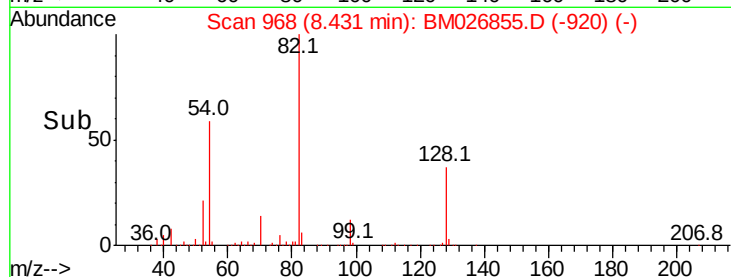
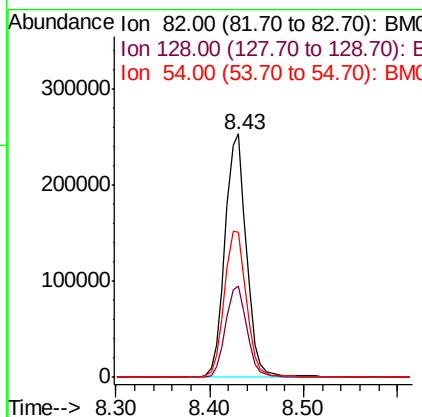
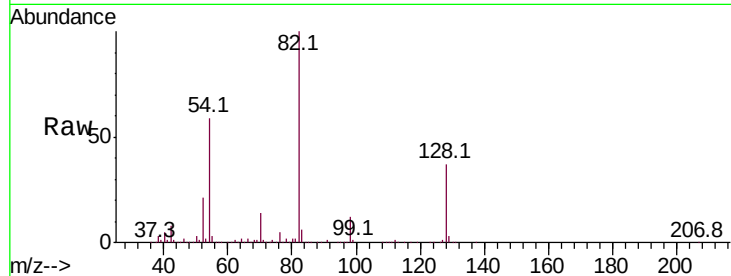
#23
 Nitrobenzene-d5
 Concen: 47.604 ng
 RT: 8.43 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BM026855.D
 Acq: 23 Jul 2020 17:31

Instrument :
 BNA_M
 ClientSampleId :
 364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.1	43.7
54	59.4	50.2	75.4

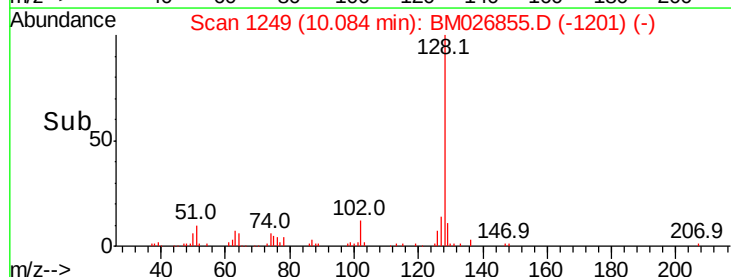
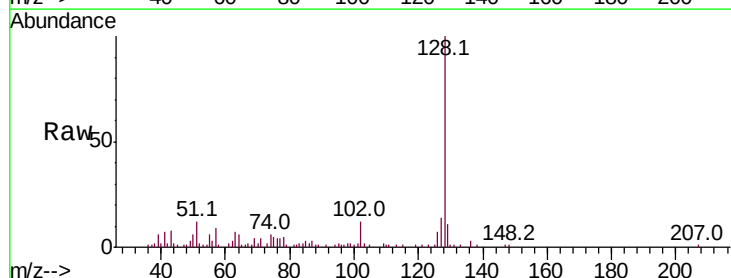
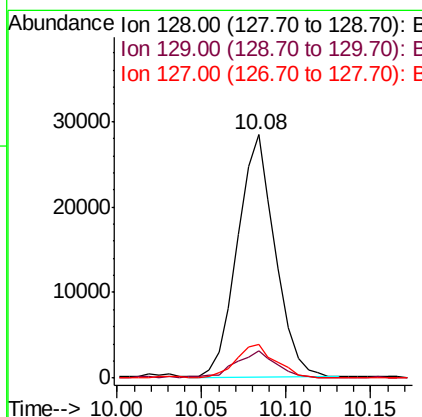
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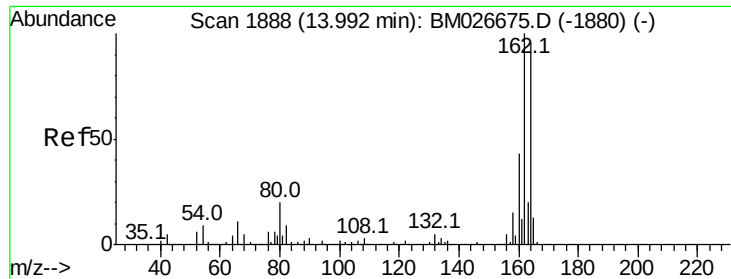
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#31
 Naphthalene
 Concen: 2.178 ng
 RT: 10.08 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BM026855.D
 Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	10.8	16.2





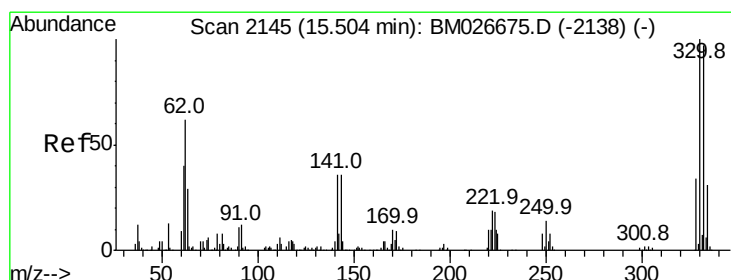
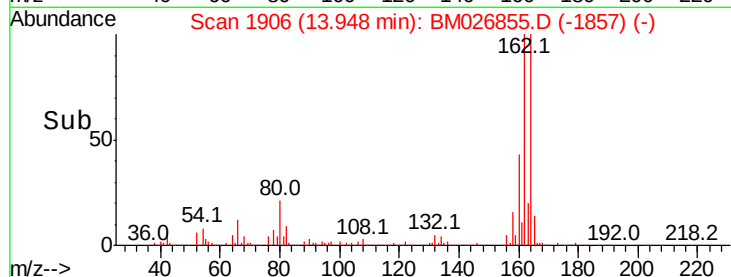
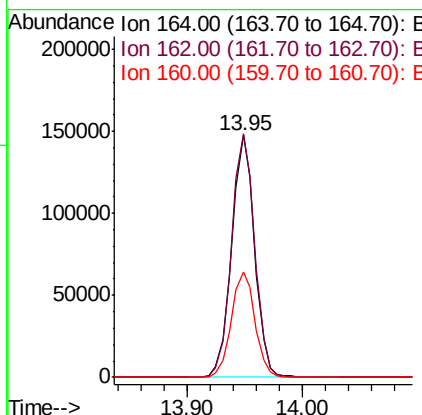
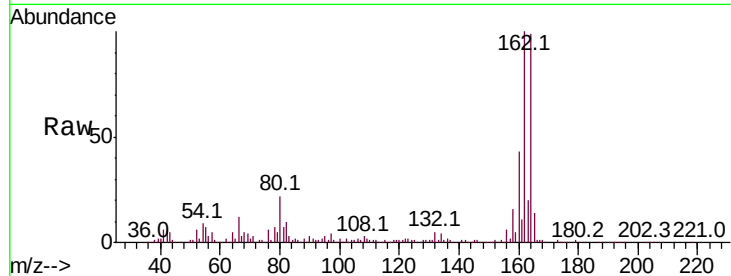
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.7	125.5
160	43.3	36.2	54.2

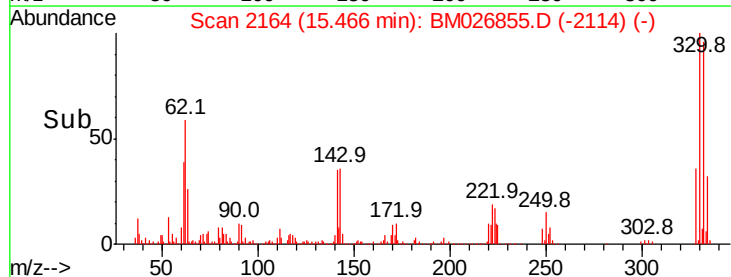
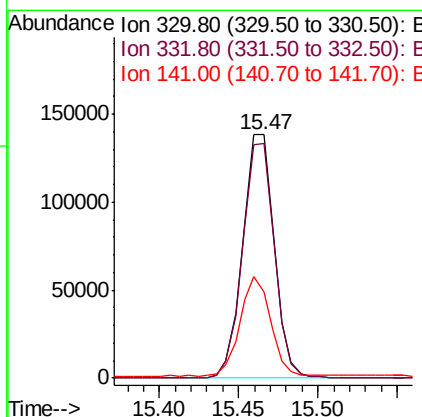
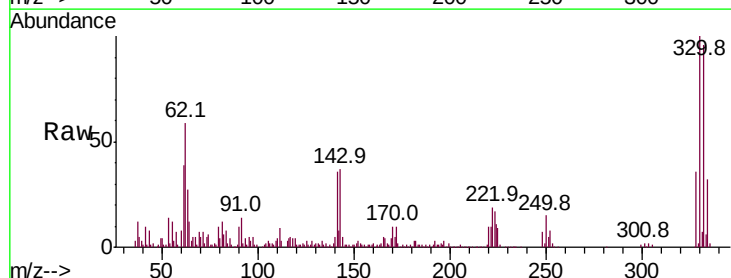
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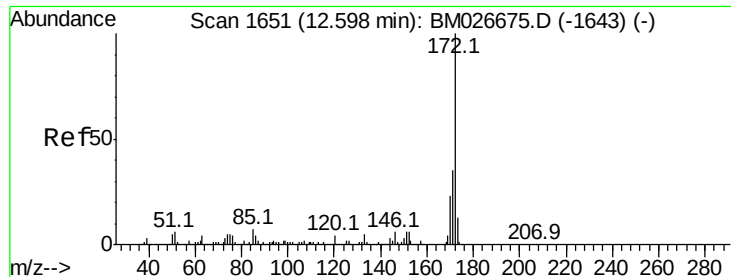
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#42
2,4,6-Tribromophenol
Concen: 65.151 ng
RT: 15.47 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.5	116.3
141	39.4	32.4	48.6





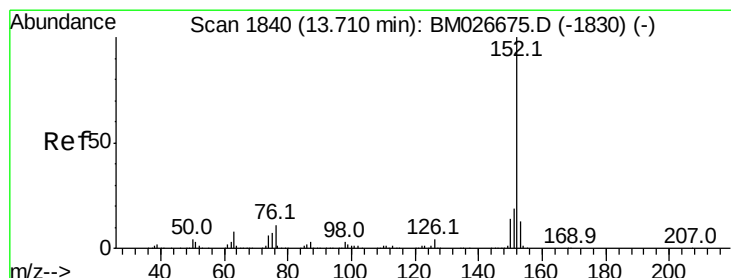
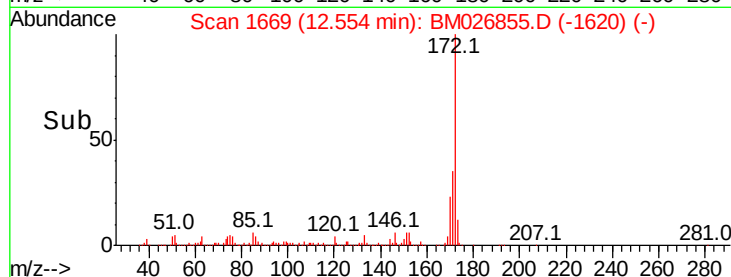
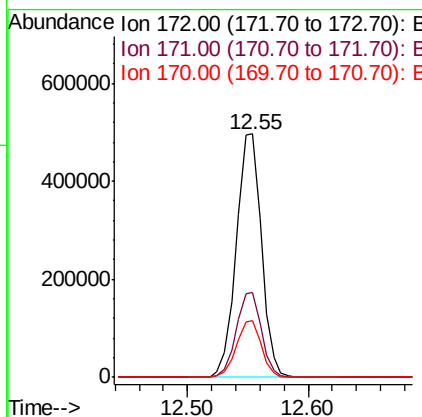
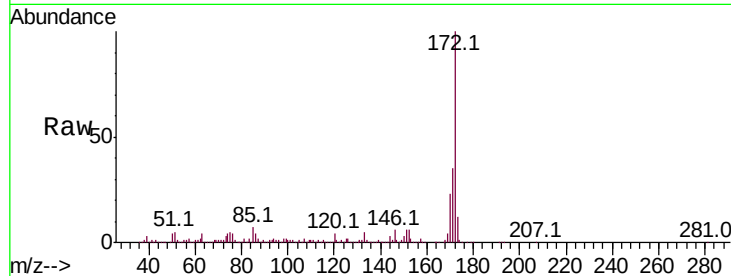
#45
2-Fluorobiphenyl
Concen: 47.635 ng
RT: 12.55 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.1	18.5	27.7

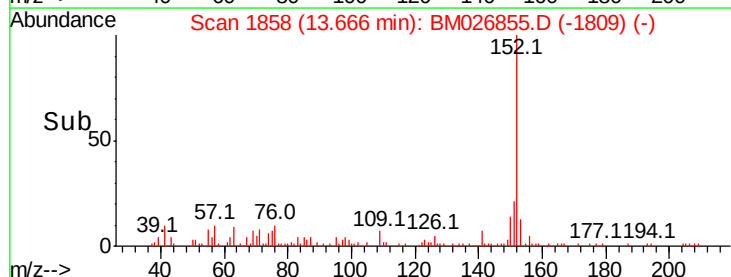
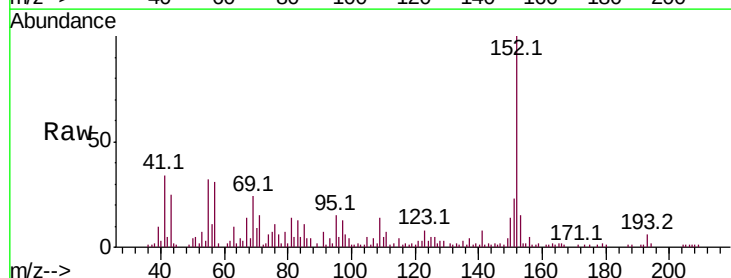
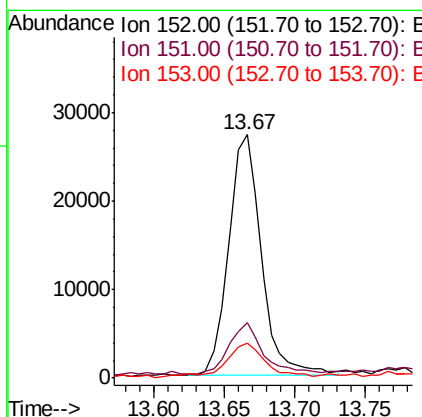
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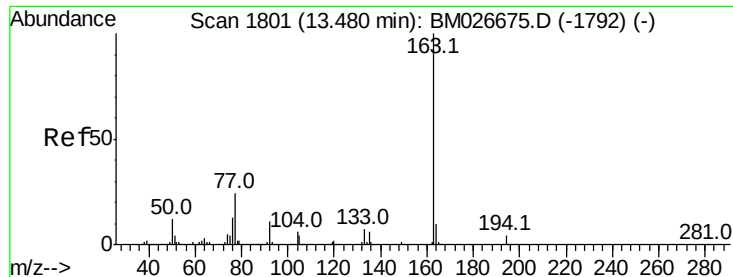
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#49
Acenaphthylene
Concen: 2.145 ng
RT: 13.67 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	15.6	23.4
153	14.5	10.4	15.6





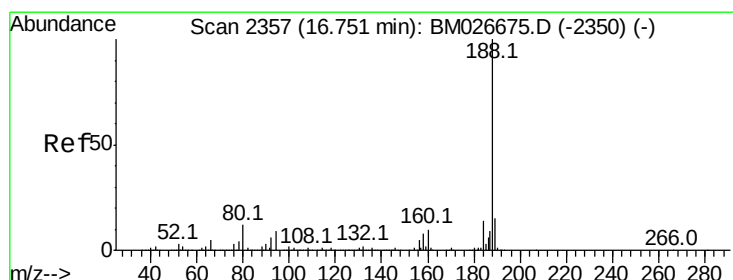
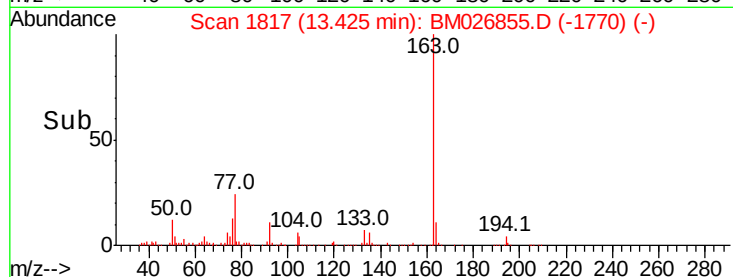
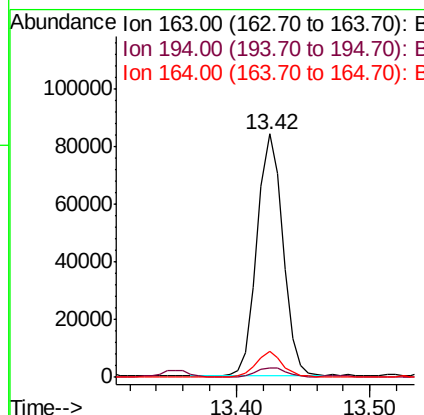
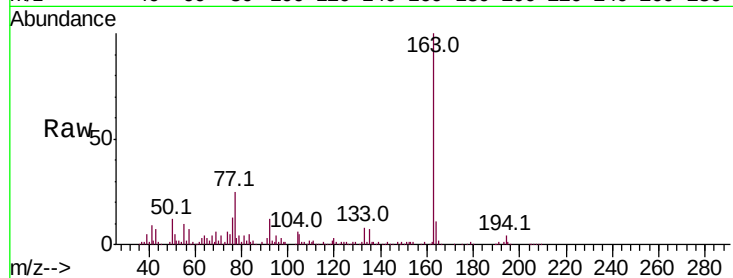
#50
Dimethylphthalate
Concen: 6.513 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	112636		
194	4.1		3.4	5.2
164	10.8		7.8	11.6

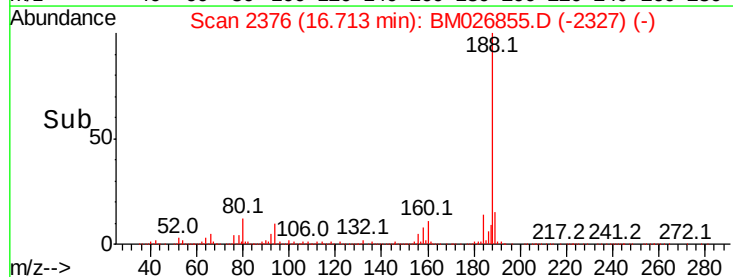
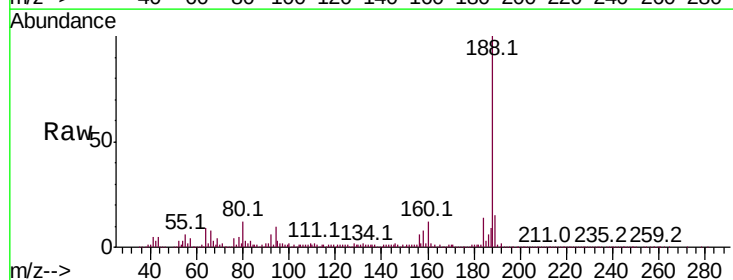
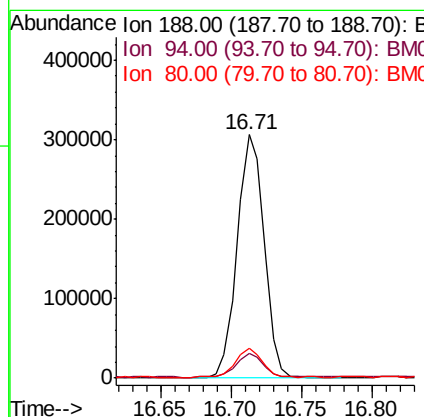
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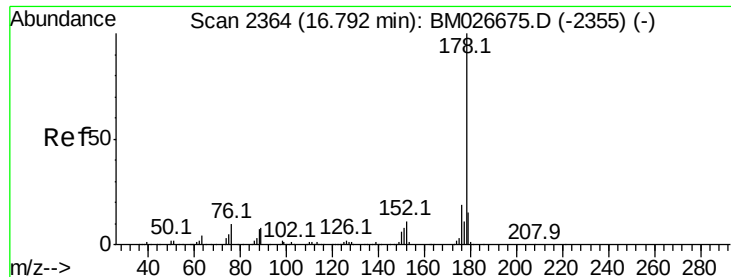
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	407821		
94	10.1		7.4	11.0
80	12.2		9.3	13.9





#71

Phenanthrene

Concen: 4.326 ng

RT: 16.75 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Instrument :

BNA_M

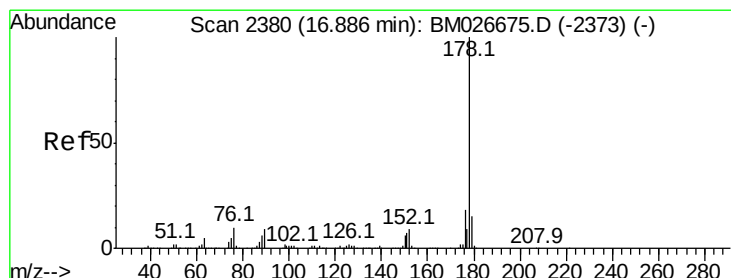
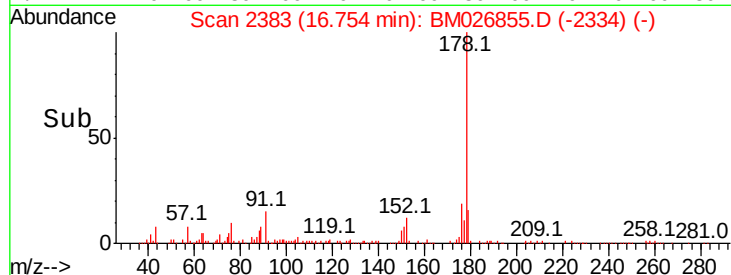
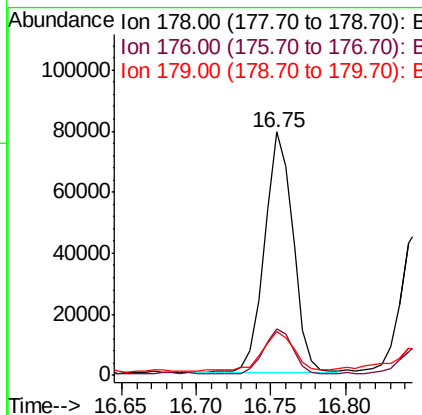
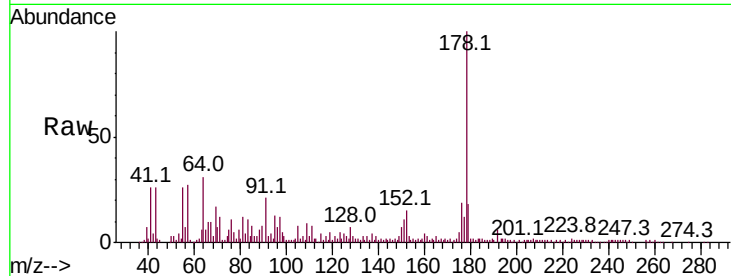
ClientSampleId :

364-GRID-A7-A8

Tot Ion:178	Resp:	104150
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.0 22.6
179	17.9	12.1 18.1

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#72

Anthracene

Concen: 2.708 ng

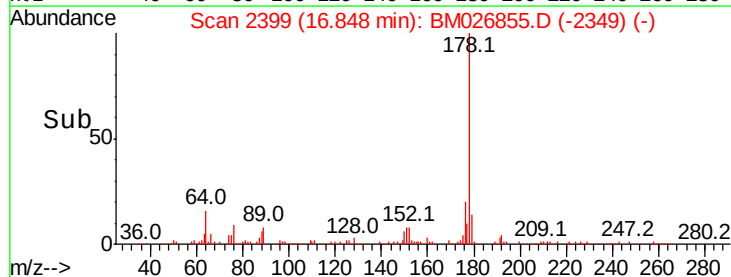
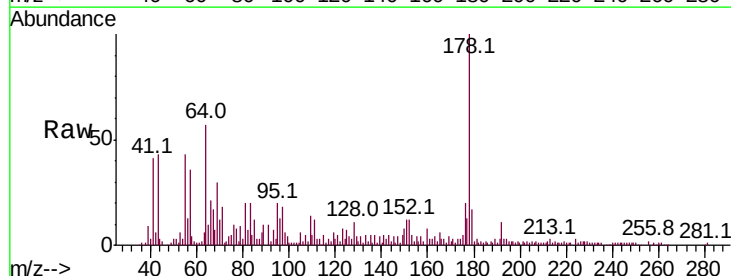
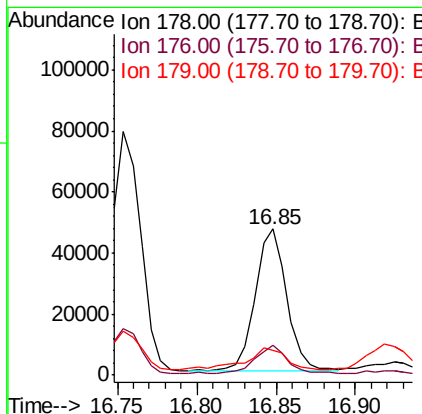
RT: 16.85 min Scan# 2399

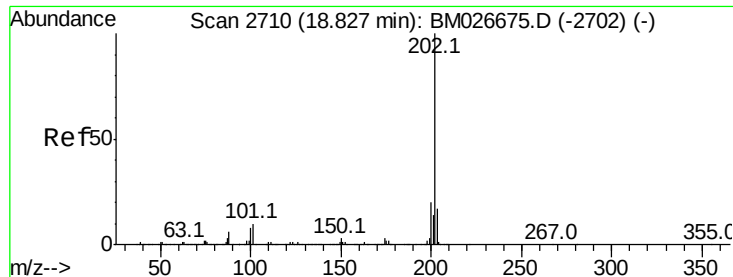
Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Tgt Ion:178	Resp:	64898
Ion Ratio	Lower	Upper
178	100	
176	20.4	14.7 22.1
179	16.8	12.1 18.1





#75

Fluoranthene

Concen: 10.241 ng

RT: 18.79 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Instrument :

BNA_M

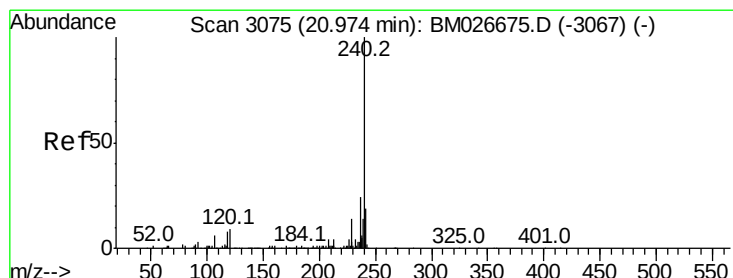
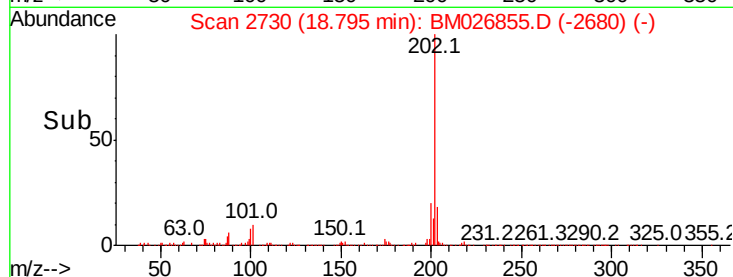
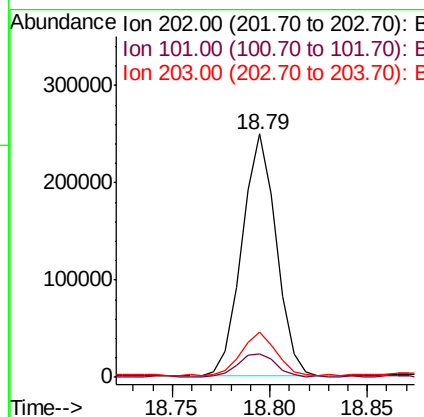
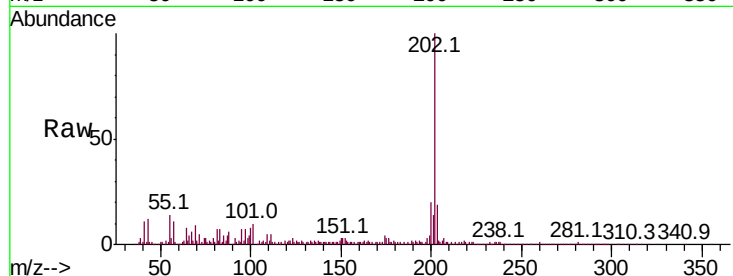
ClientSampleId :

364-GRID-A7-A8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.1
203	18.6	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

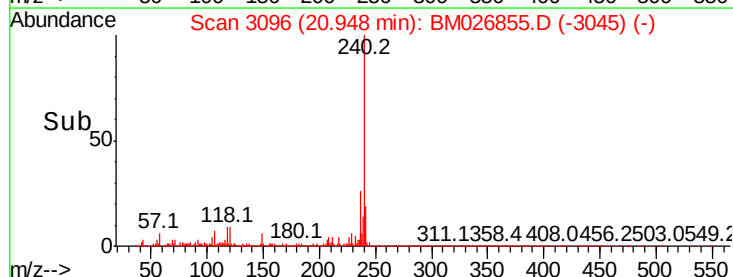
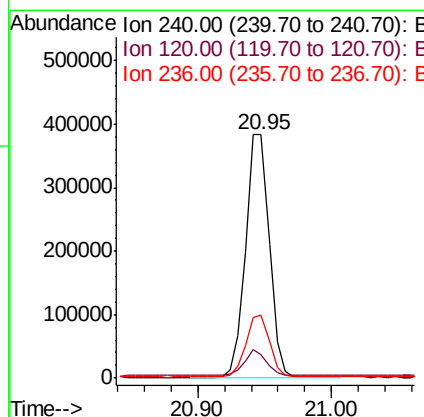
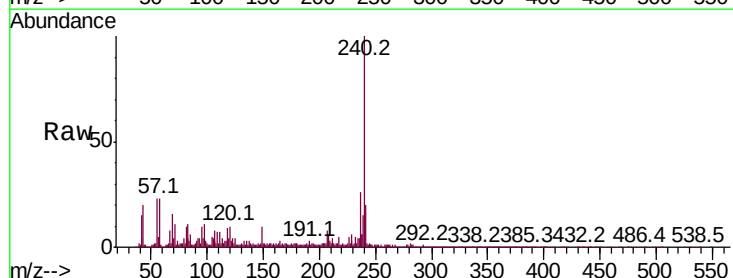
RT: 20.95 min Scan# 3096

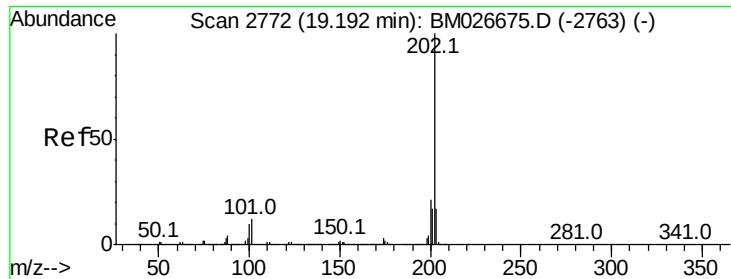
Delta R.T. 0.00 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	7.3	10.9
236	26.1	19.4	29.2





#78

Pvrene

Concen: 10.767 ng

RT: 19.16 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Instrument :

BNA_M

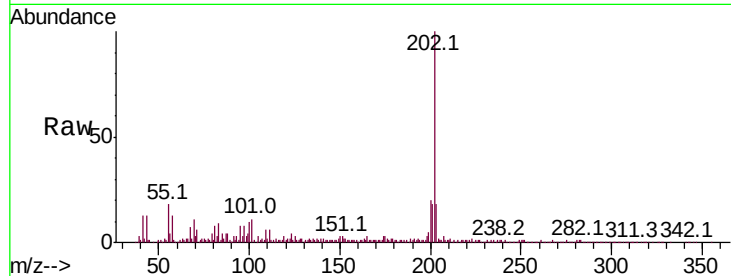
ClientSampleId :

364-GRID-A7-A8

Tot Ion:	202	Resp:	317376
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	18.3	13.7	20.5

Manual Integrations
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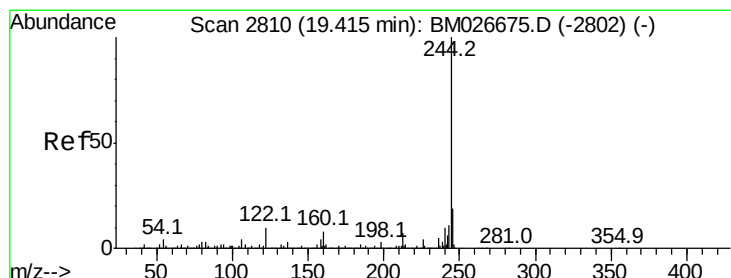
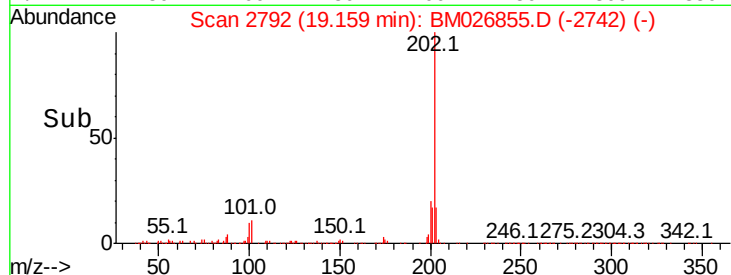
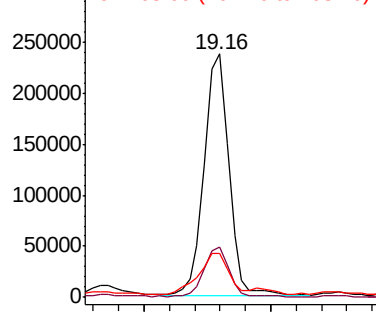


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 42.190 ng

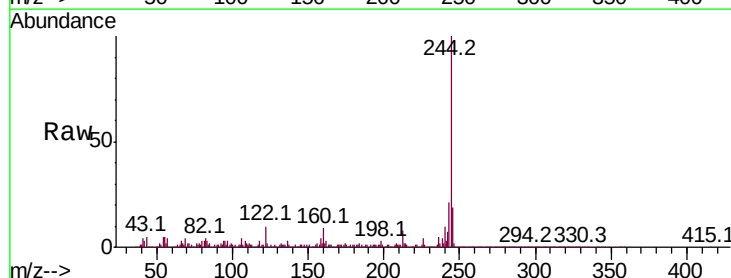
RT: 19.38 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Tgt Ion:	244	Resp:	1003132
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.9	8.9
122	10.5	8.2	12.4

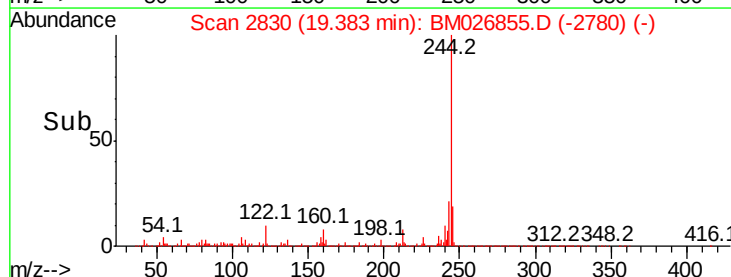
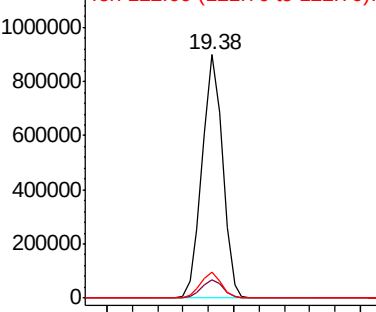


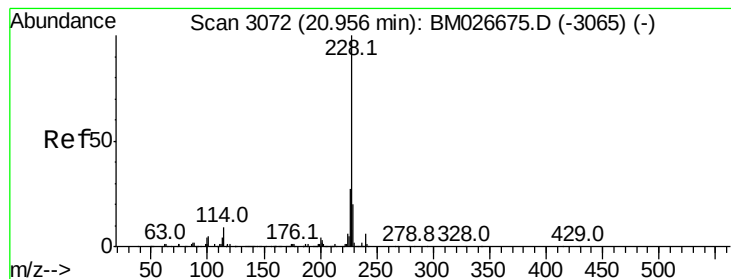
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 5.641 ng

RT: 20.93 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Instrument :

BNA_M

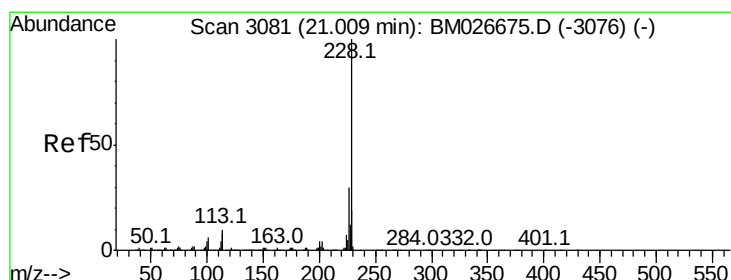
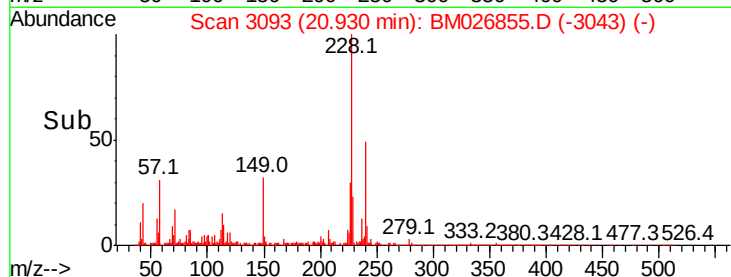
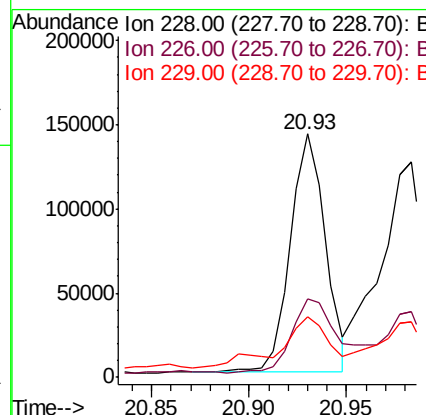
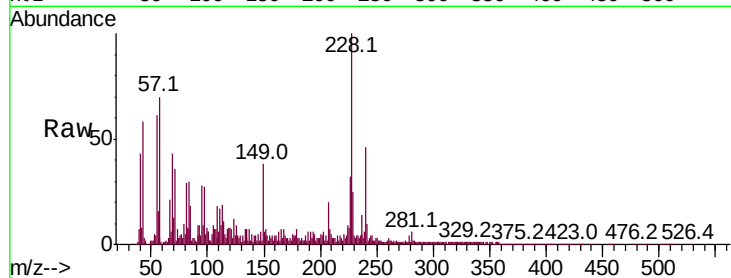
ClientSampleId :

364-GRID-A7-A8

Tot Ion:	228	Resp:	177316
Ion Ratio	Lower	Upper	
228	100		
226	32.4	21.4	32.2#
229	24.8	15.6	23.4#

Manual Integrations
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#83

Chrysene

Concen: 6.542 ng

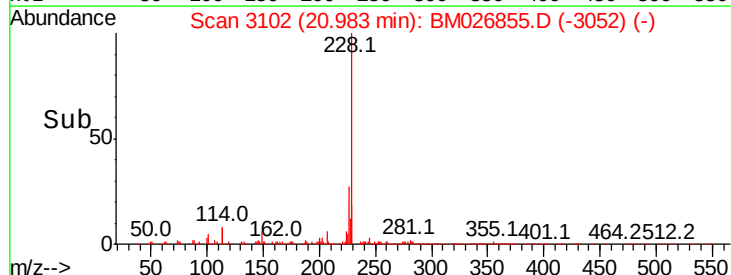
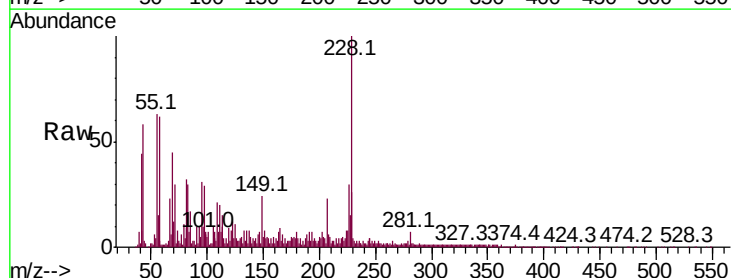
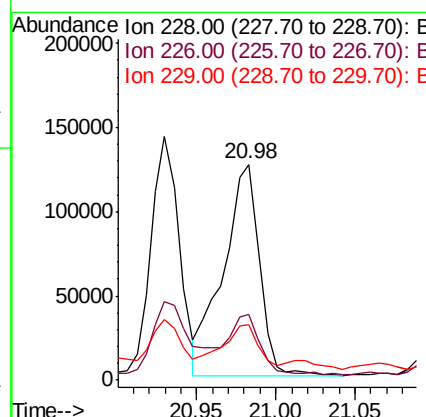
RT: 20.98 min Scan# 3102

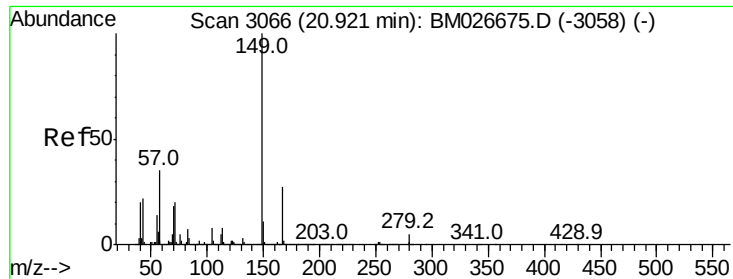
Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Tgt Ion:	228	Resp:	200139
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.7	35.5
229	26.0	15.4	23.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 25.579 ng

RT: 20.89 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Instrument :

BNA_M

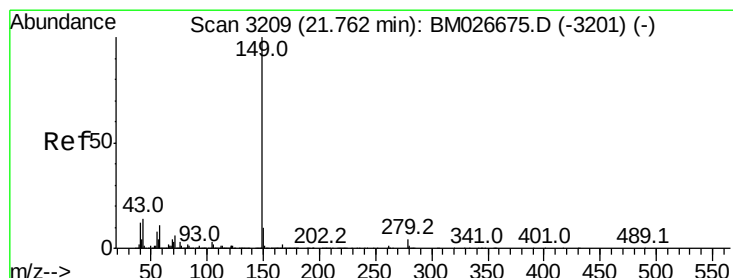
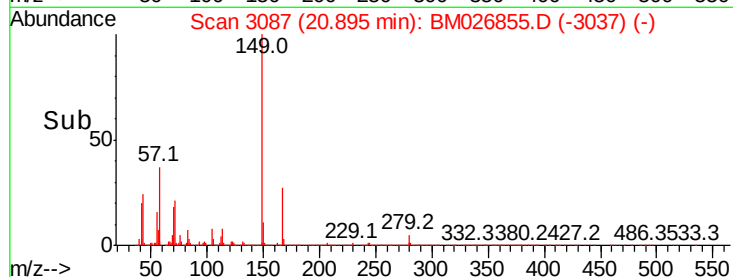
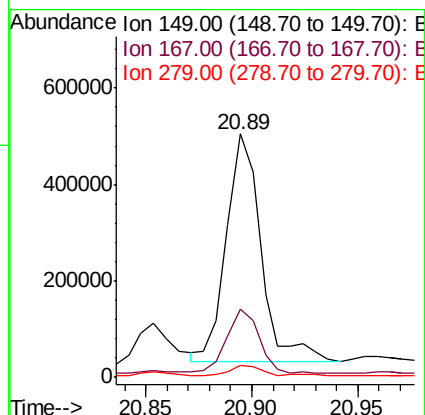
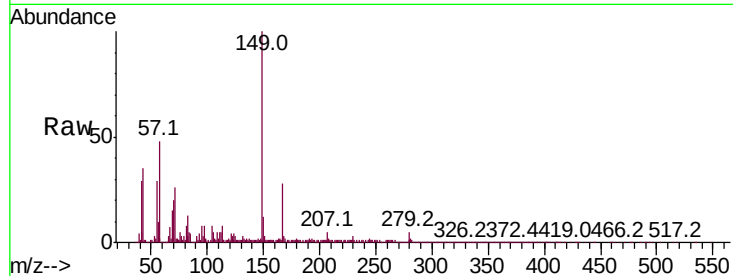
ClientSampleId :

364-GRID-A7-A8

Tot Ion:	149	Resp:	542046
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.9	32.9
279	4.8	3.7	5.5

Manual Integrations
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#85

Di-n-octyl phthalate

Concen: 6.302 ng

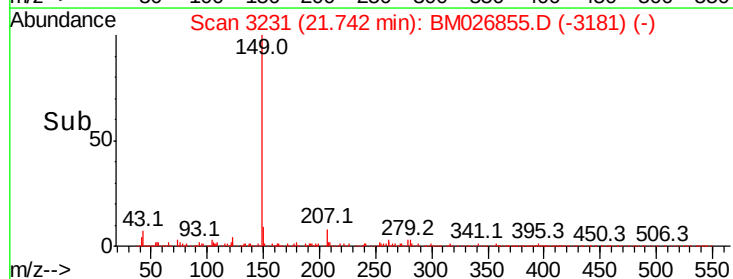
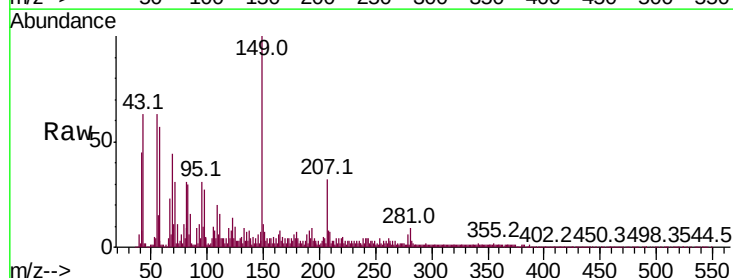
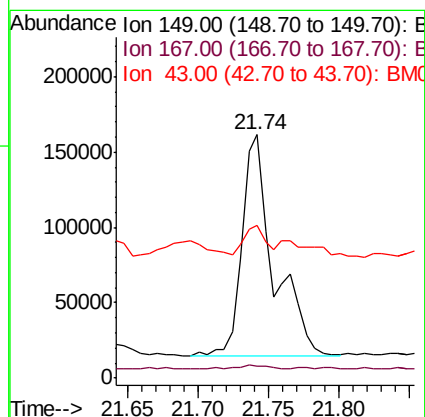
RT: 21.74 min Scan# 3231

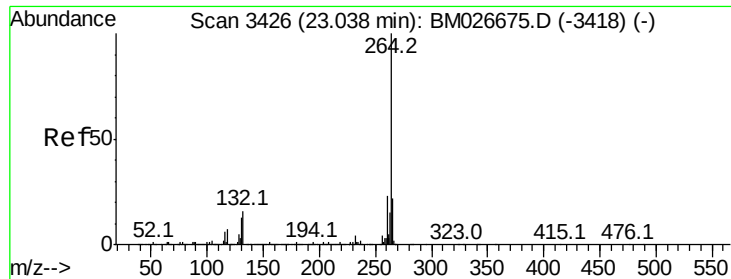
Delta R.T. -0.01 min

Lab File: BM026855.D

Acq: 23 Jul 2020 17:31

Tgt Ion:	149	Resp:	228258
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.7	11.2	16.8#





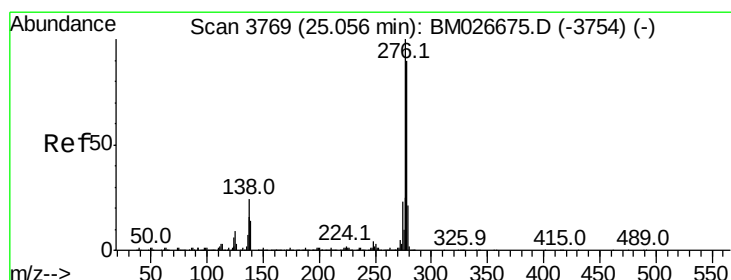
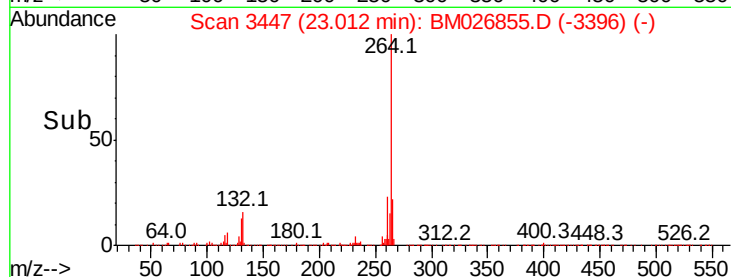
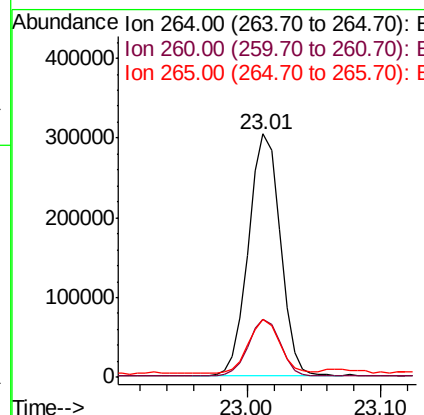
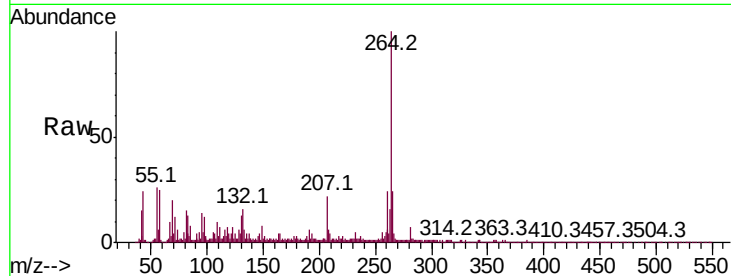
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	24.0	17.6	26.4

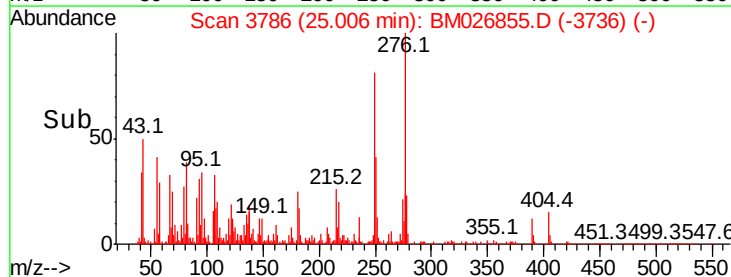
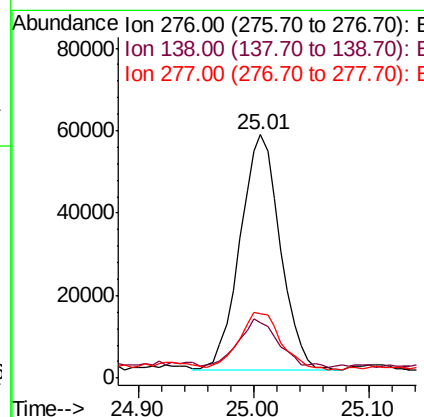
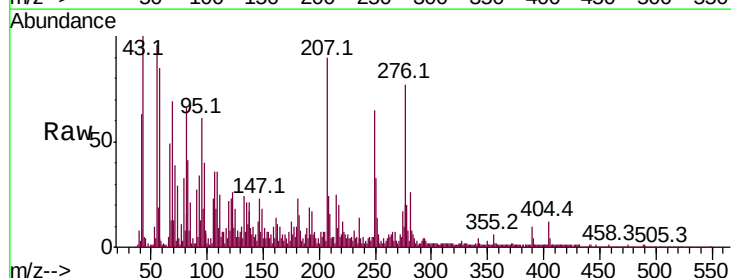
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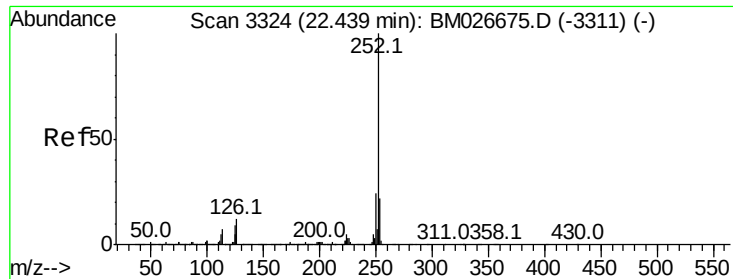
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.854 ng
RT: 25.01 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.4	27.6
277	26.1	20.0	30.0





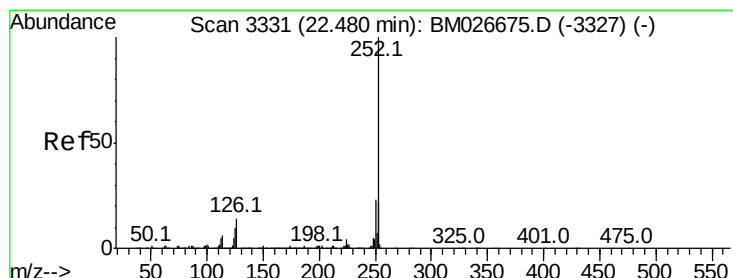
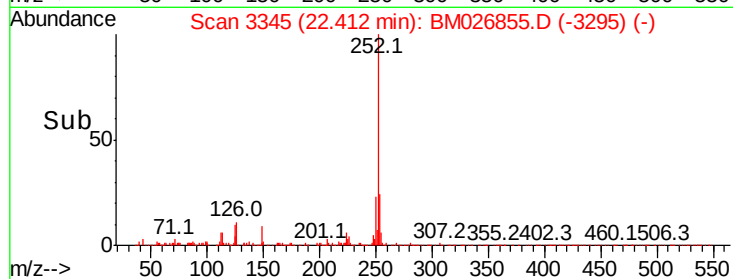
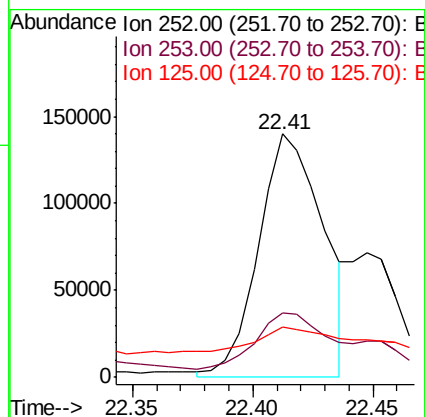
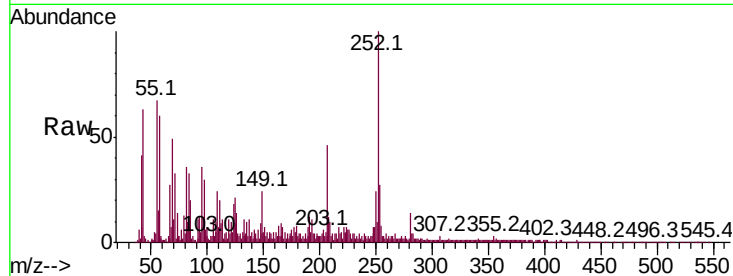
#88
Benzo(b)fluoranthene
Concen: 7.934 ng m
RT: 22.41 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3#
125	20.6	7.5	11.3#

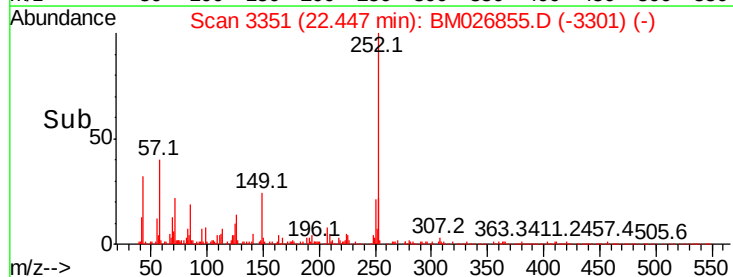
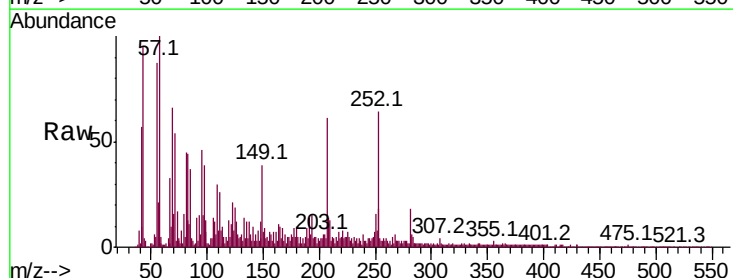
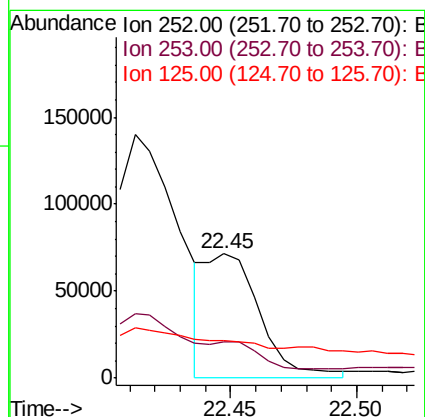
Manual Integrations
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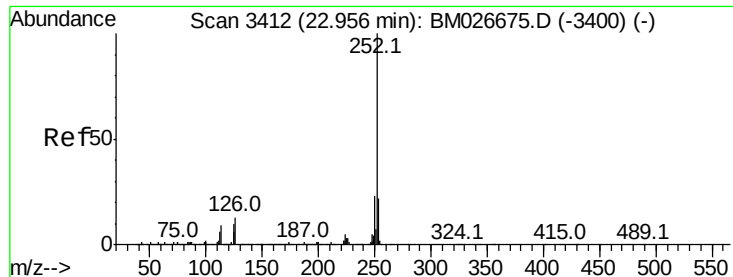
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#89
Benzo(k)fluoranthene
Concen: 3.320 ng m
RT: 22.45 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	30.2	7.8	11.8#





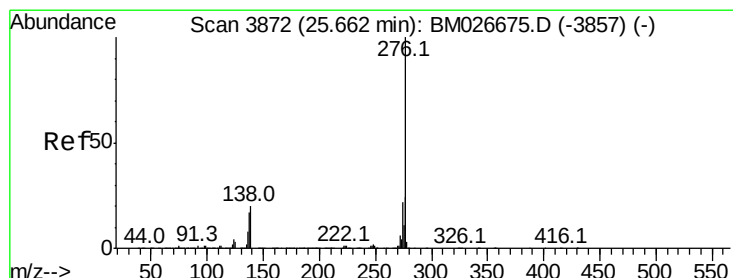
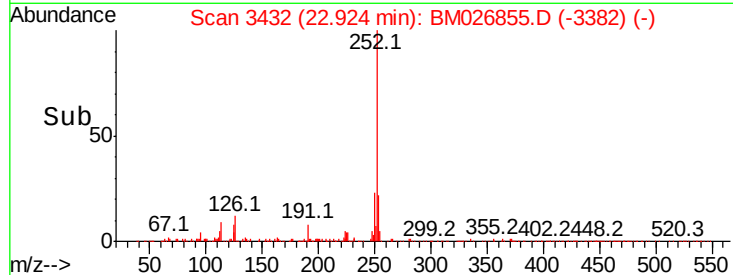
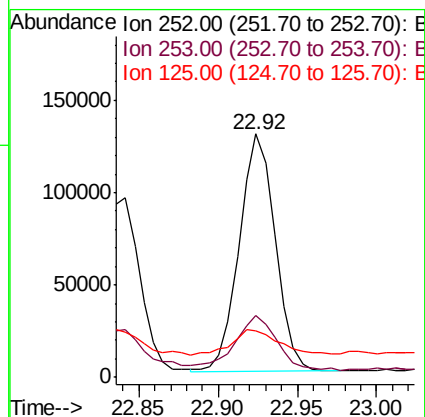
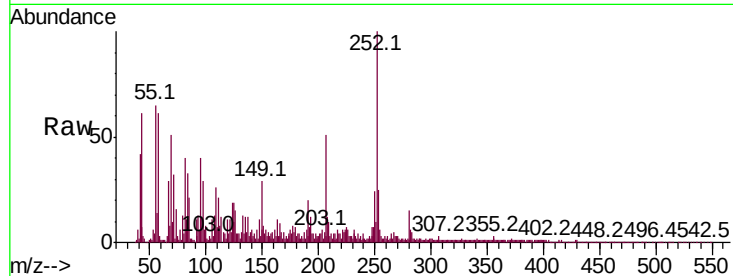
#90
Benzo(a)pyrene
Concen: 6.612 ng
RT: 22.92 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Instrument :
BNA_M
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	19.0	8.2	12.4

Manual Integrations
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7/24/2020 12:16:27 PM



#92
Benzo(g,h,i)perylene
Concen: 4.987 ng
RT: 25.61 min Scan# 3889
Delta R.T. 0.00 min
Lab File: BM026855.D
Acq: 23 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.1	28.7
138	20.8	15.8	23.8

