

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024656.D
 Acq On : 29 Jan 2020 18:41
 Operator : CG/JU
 Sample : L1013-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-05-012820

Manual Integrations
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mohammad
 1/30/2020 10:19:09 AM

Quant Time: Jan 30 04:02:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	440559	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1683333	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	1018027	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1802749	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1419159	20.00	ng	0.00
87) Perylene-d12	23.17	264	1679972	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1017548	43.92	ng	0.00
7) Phenol-d6	6.65	99	1314364	41.19	ng	0.00
23) Nitrobenzene-d5	8.58	82	842632	24.55	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	614355	37.10	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	2218397	29.63	ng	0.00
79) Terphenyl-d14	19.50	244	2307481	30.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.56	163	366395	4.451	ng	98
71) Phenanthrene	16.89	178	330332	3.384	ng	97
75) Fluoranthene	18.92	202	806282	6.617	ng	98
78) Pyrene	19.28	202	750519	8.022	ng	99
81) Benzo(a)anthracene	21.04	228	398040	4.041	ng	# 90
83) Chrysene	21.09	228	376606m	4.007	ng	
86) Indeno(1,2,3-cd)pyrene	25.25	276	294659	2.876	ng	98
88) Benzo(b)fluoranthene	22.56	252	567336m	5.207	ng	
90) Benzo(a)pyrene	23.09	252	422177	4.262	ng	# 85
92) Benzo(g,h,i)perylene	25.88	276	302199	3.540	ng	95

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

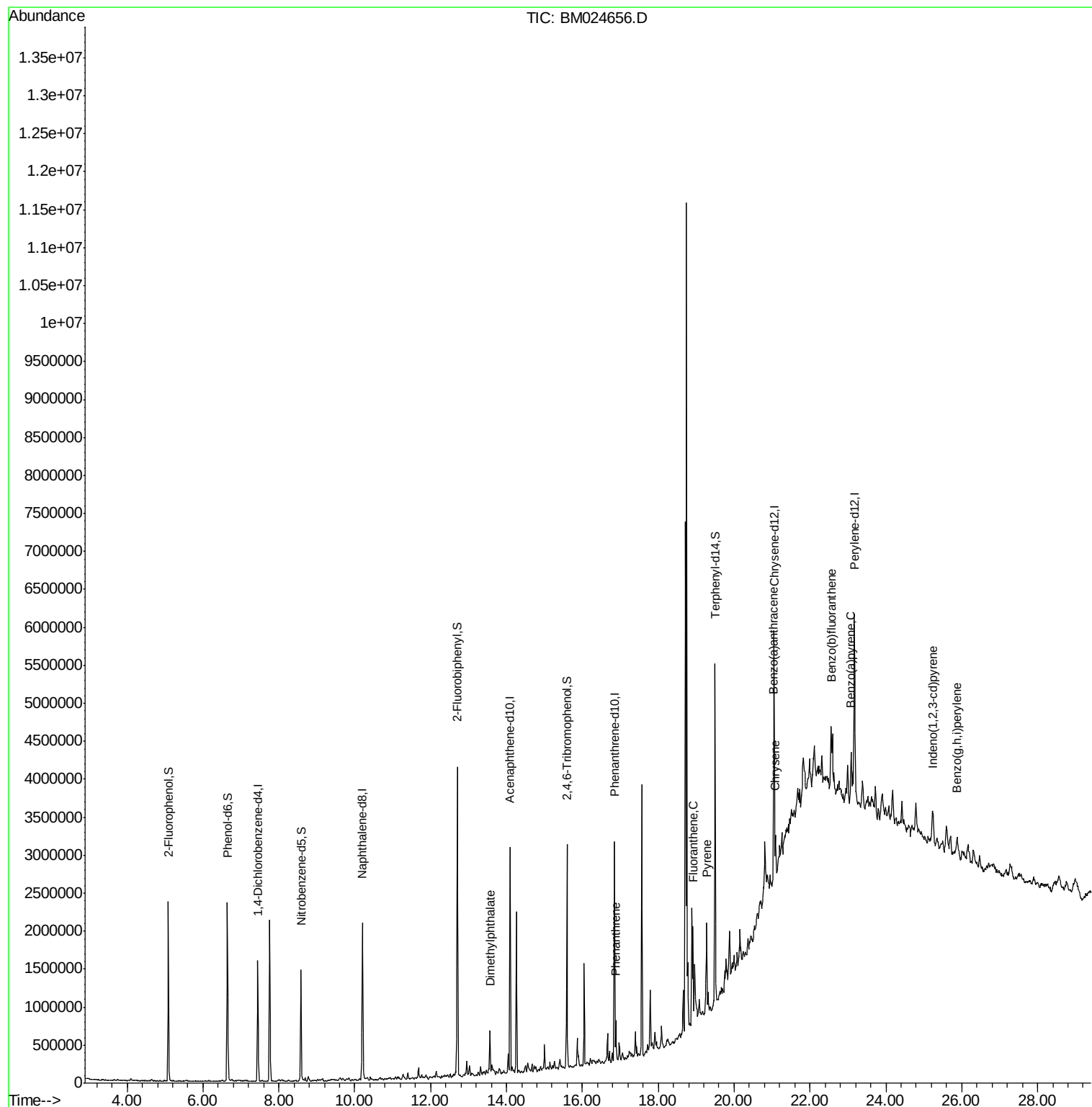
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024656.D
Acq On : 29 Jan 2020 18:41
Operator : CG/JU
Sample : L1013-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

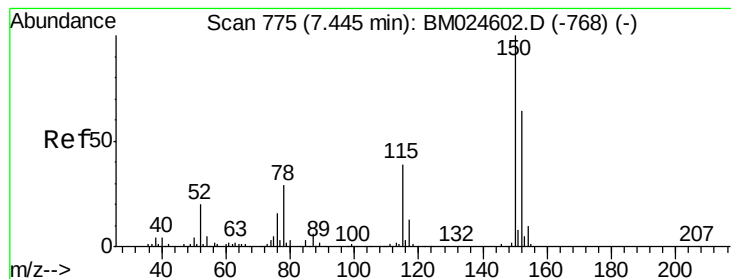
Instrument :
BNA_M
ClientSampleId :
PL-05-012820

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Quant Time: Jan 30 04:02:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

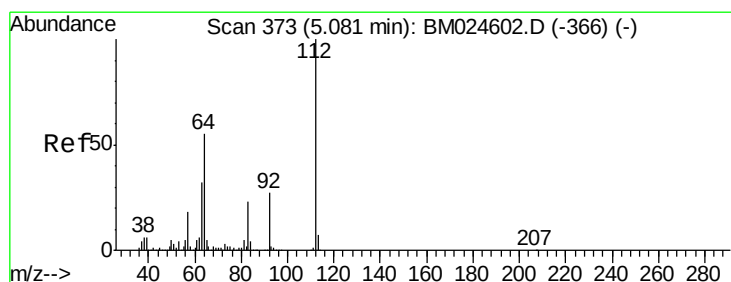
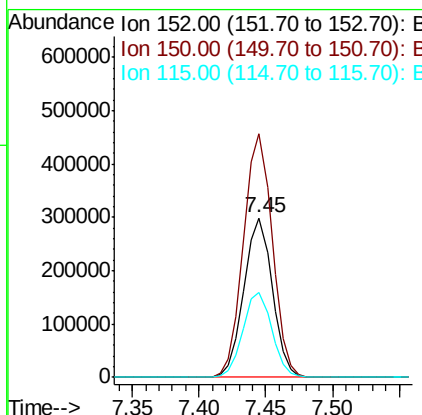
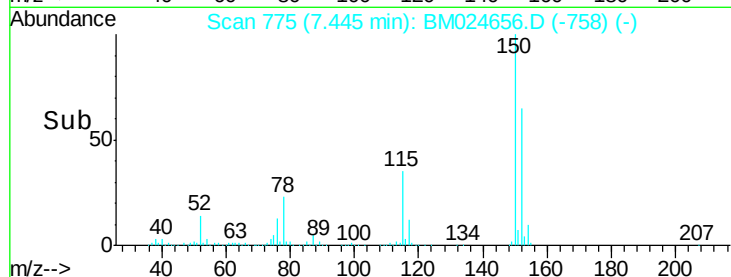
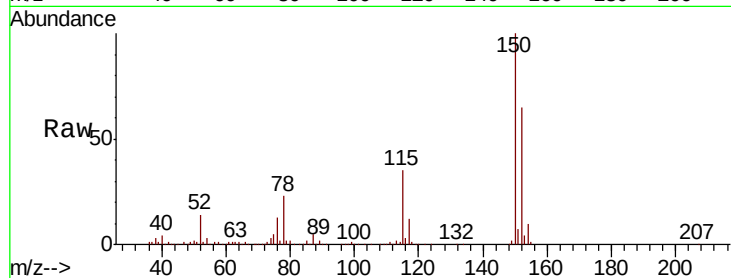
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Instrument :
BNA_M
ClientSampleId :
PL-05-012820

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.2	186.4
115	53.0	48.6	72.8

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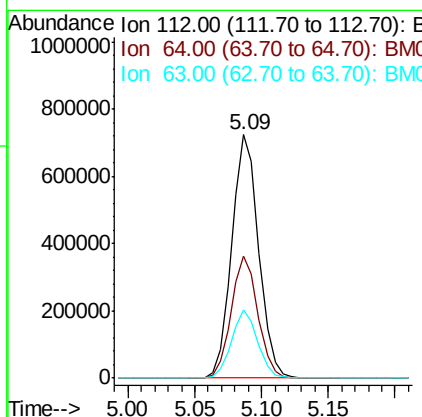
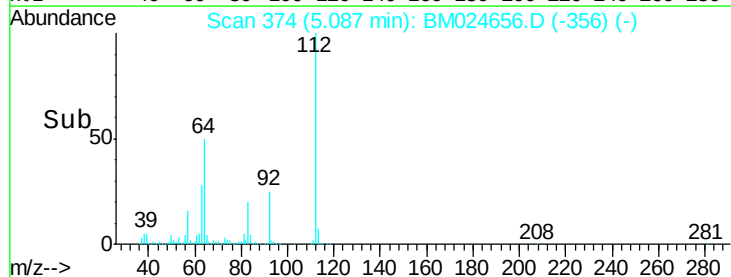
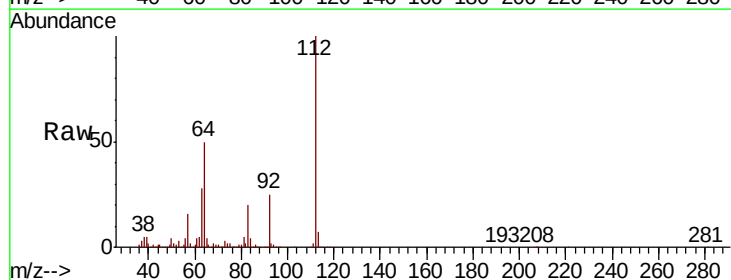
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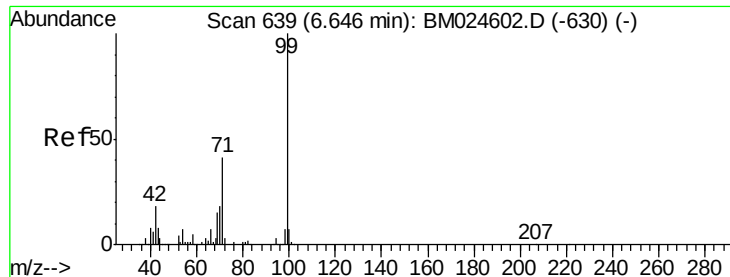


#5

2-Fluorophenol
Concen: 43.924 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.2	44.2	66.4
63	28.0	25.9	38.9





#7

Phenol-d6

Concen: 41.186 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024656.D

Acq: 29 Jan 2020 18:41

Instrument :

BNA_M

ClientSampleId :

PL-05-012820

Tot Ion: 99 Resp: 1314364

Ion Ratio Lower Upper

99 100

42 14.3 14.1 21.1

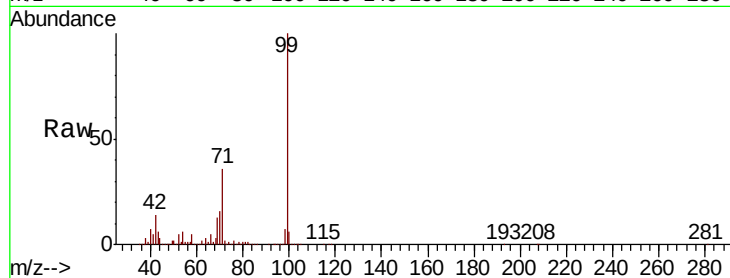
71 36.1 33.0 49.6

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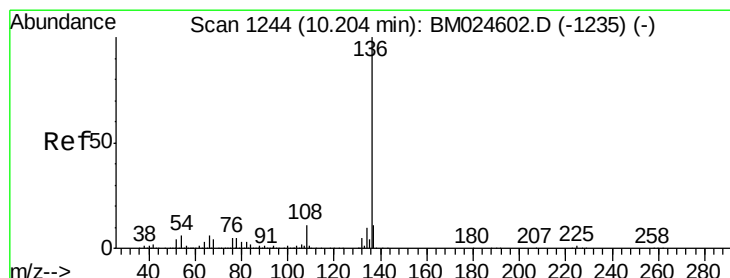
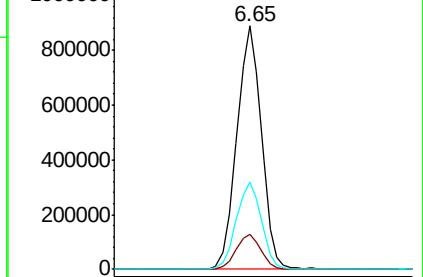
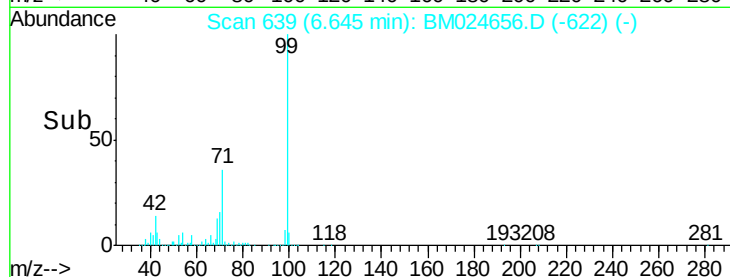
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Abundance Ion 99.00 (98.70 to 99.70): BM024656.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024656.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024656.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM024656.D

Acq: 29 Jan 2020 18:41

Tgt Ion: 136 Resp: 1683333

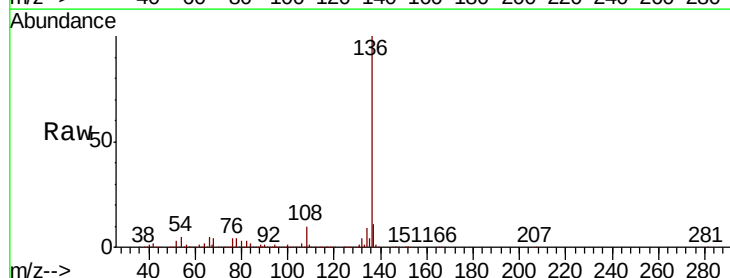
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.7 4.5 6.7

68 4.4 3.4 5.0

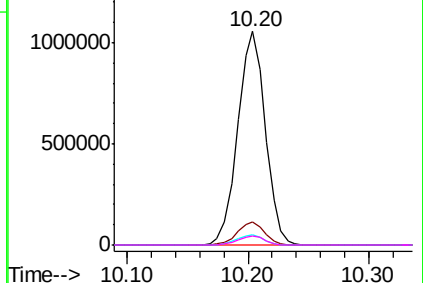
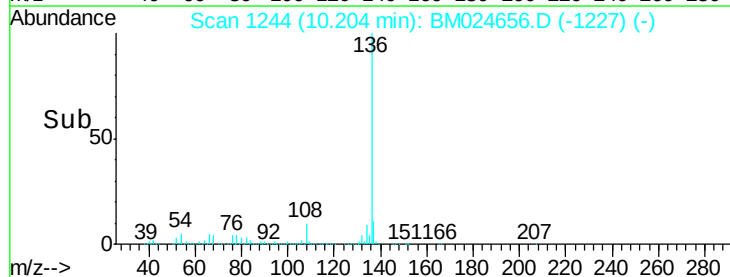


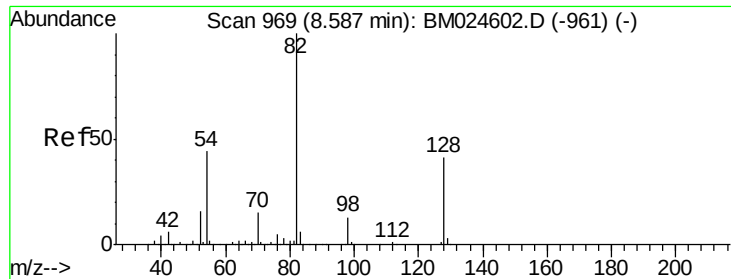
Abundance Ion 136.00 (135.70 to 136.70): BM024656.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024656.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024656.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024656.D (-1227) (-)





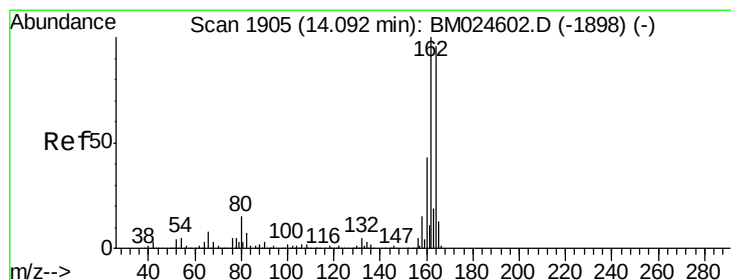
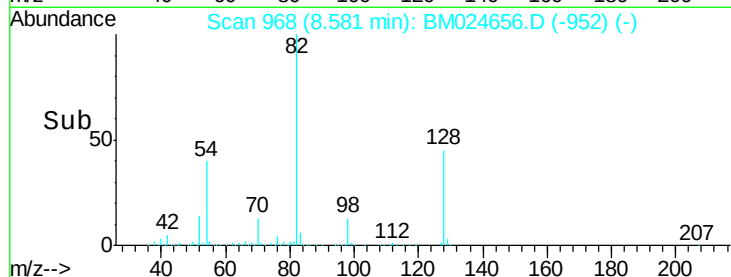
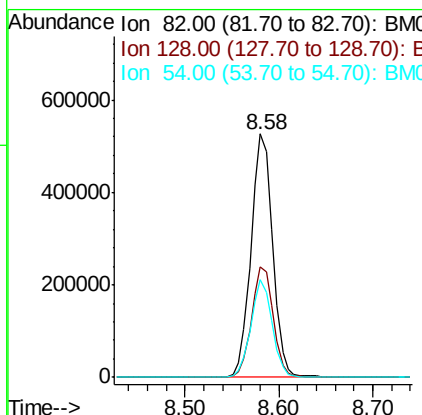
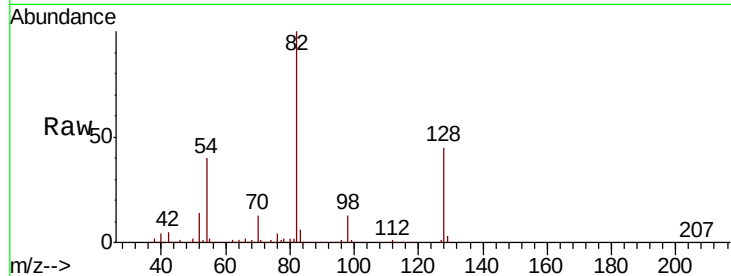
#23
Nitrobenzene-d5
Concen: 24.549 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Instrument :
BNA_M
ClientSampleId :
PL-05-012820

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	48.8
54	40.2	34.8	52.2

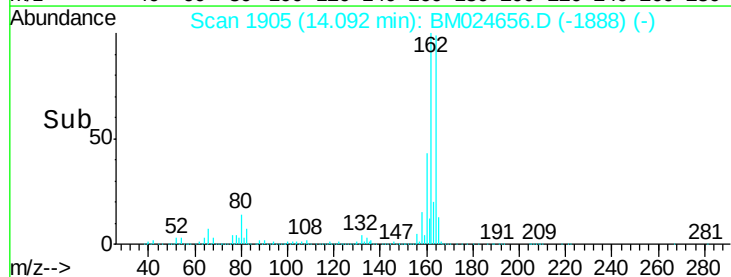
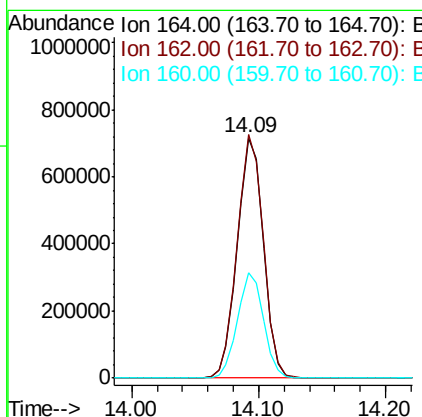
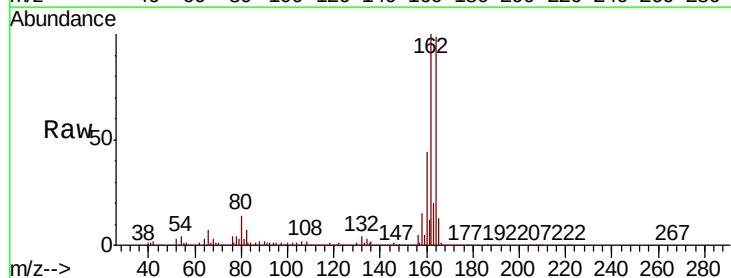
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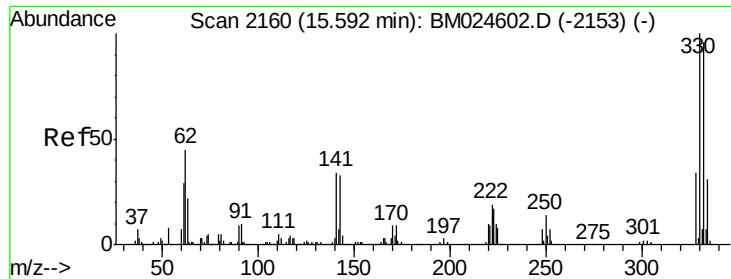
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.9	124.3
160	44.1	35.5	53.3





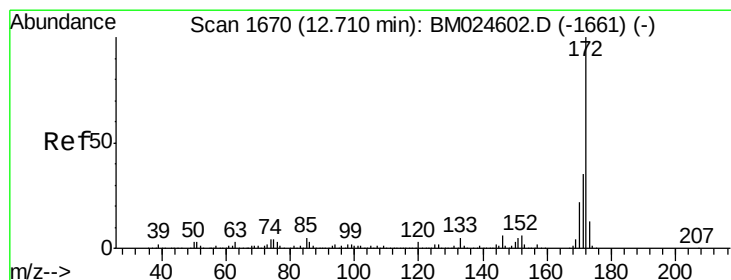
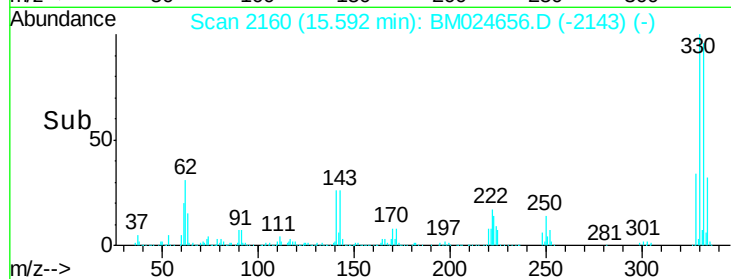
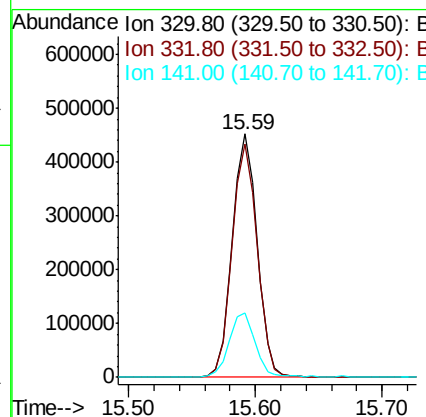
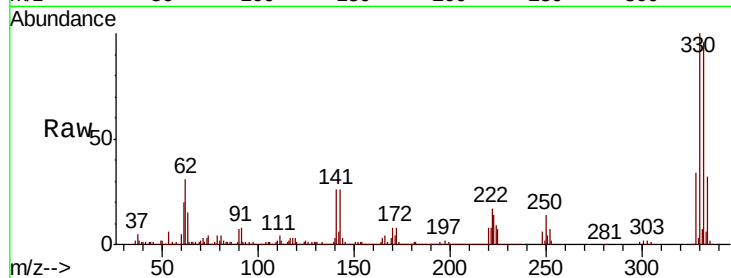
#42
 2,4,6-Tribromophenol
 Concen: 37.099 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM024656.D
 Acq: 29 Jan 2020 18:41

Instrument :
 BNA_M
 ClientSampleId :
 PL-05-012820

Tot Ion	Ratio	Resp	Lower	Upper
330	100	614355		
332	96.6	77.2	115.8	
141	27.1	26.9	40.3	

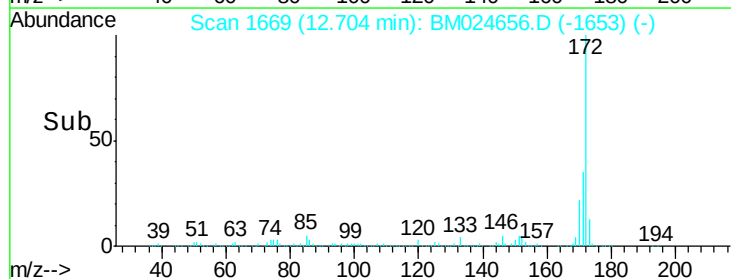
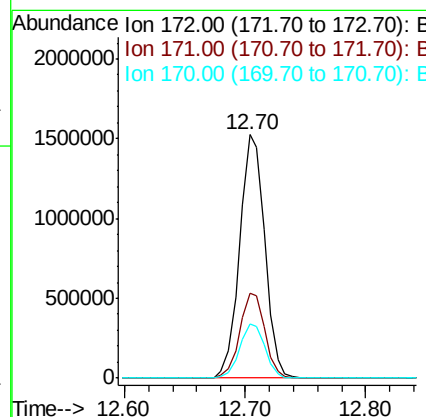
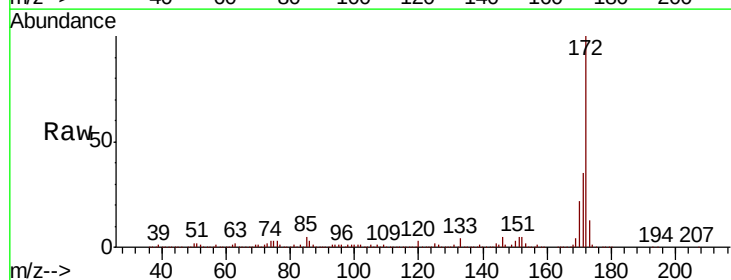
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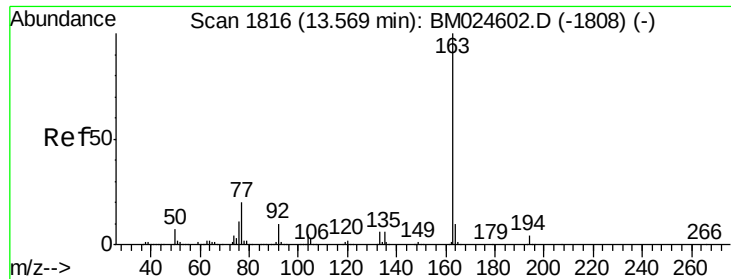
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#45
 2-Fluorobiphenyl
 Concen: 29.625 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024656.D
 Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2218397		
171	34.7	28.3	42.5	
170	22.2	17.9	26.9	





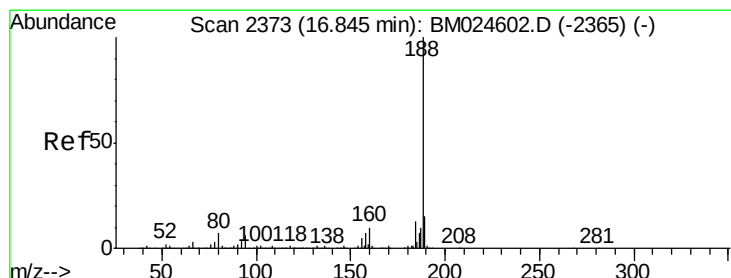
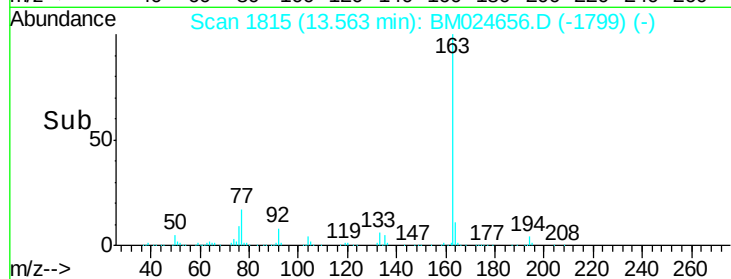
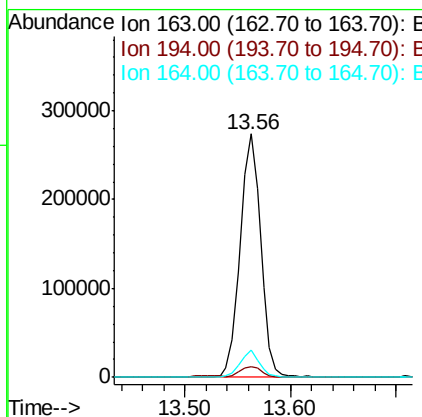
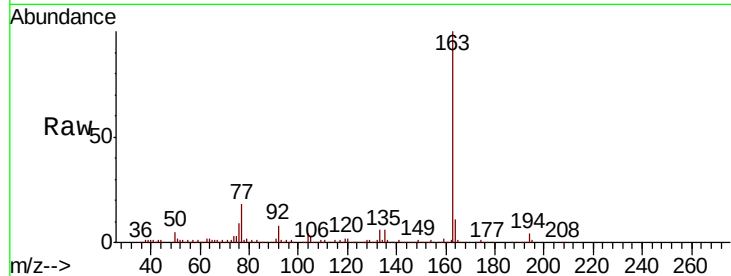
#50
Dimethylphthalate
Concen: 4.451 ng
RT: 13.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Instrument :
BNA_M
ClientSampleId :
PL-05-012820

Tot Ion	Ratio	Resp	Lower	Upper
163	100	366395		
194	4.4		3.4	5.0
164	11.0		8.0	12.0

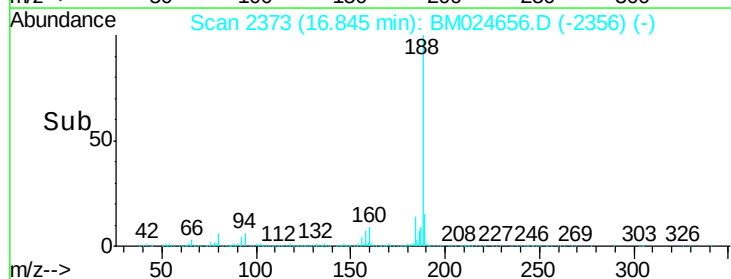
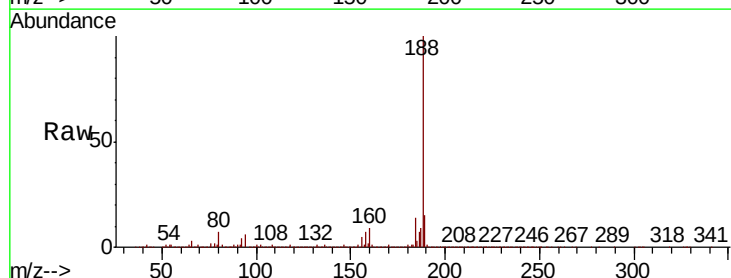
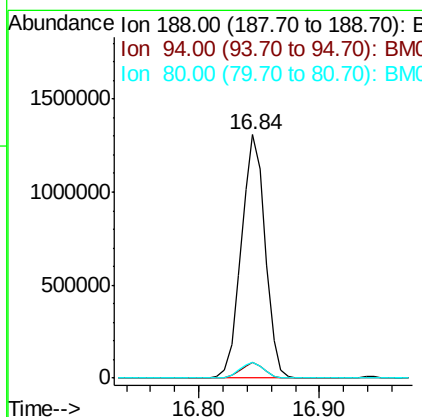
Manual Integrations
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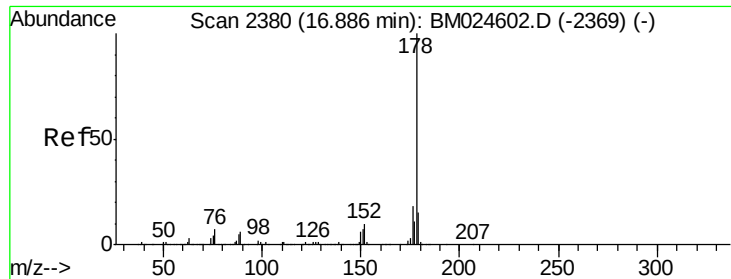
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1802749		
94	6.3		5.0	7.6
80	6.5		5.8	8.8





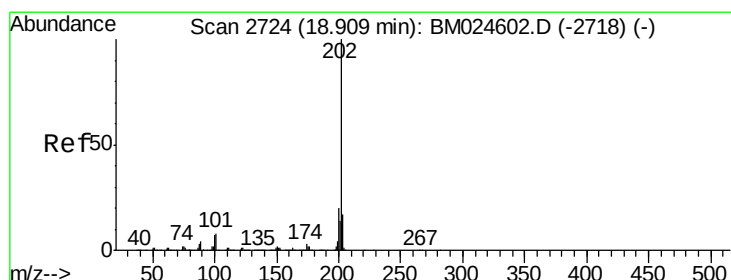
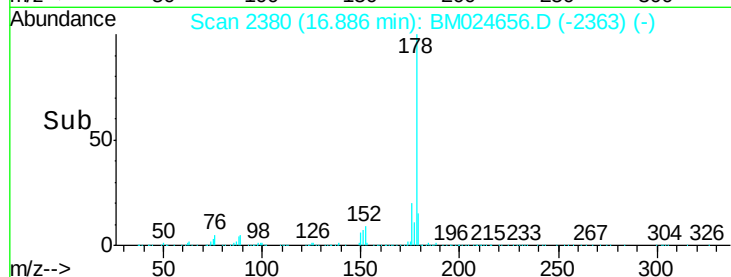
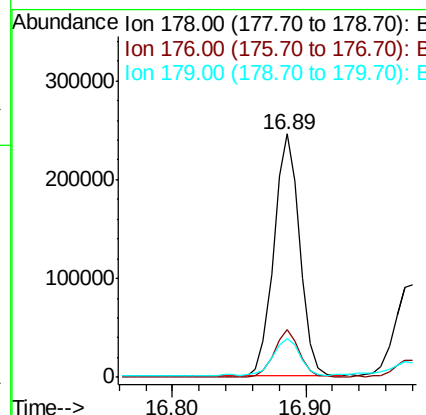
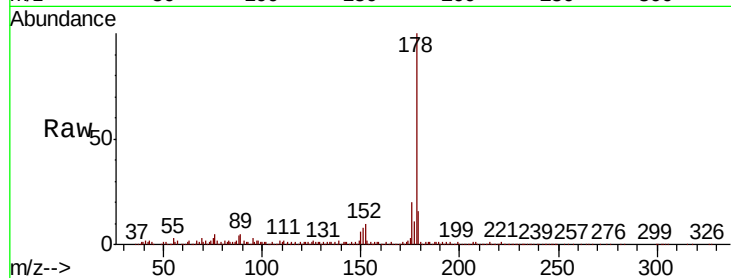
#71
Phenanthrene
Concen: 3.384 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Instrument :
BNA_M
ClientSampleId :
PL-05-012820

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.5	21.7
179	15.9	11.9	17.9

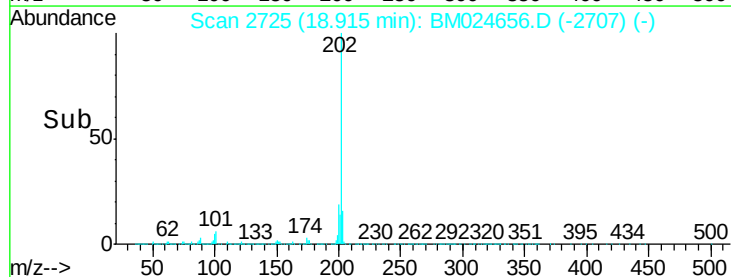
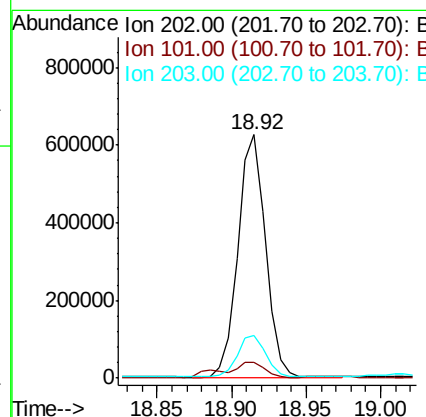
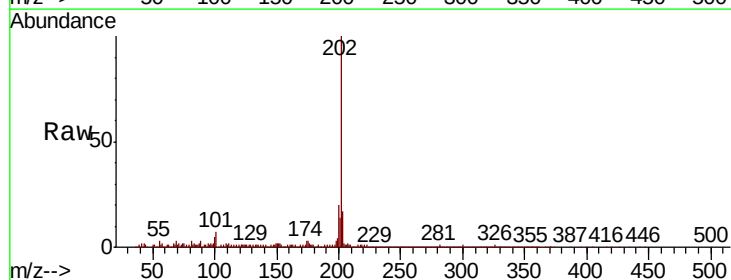
Manual Integrations
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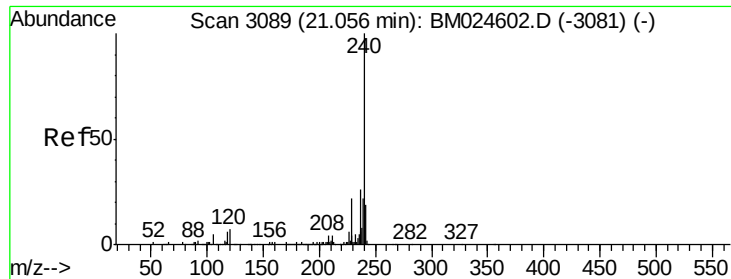
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#75
Fluoranthene
Concen: 6.617 ng
RT: 18.92 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.4
203	17.4	0.0	37.5





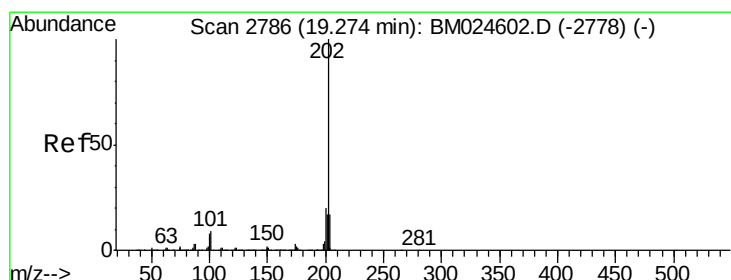
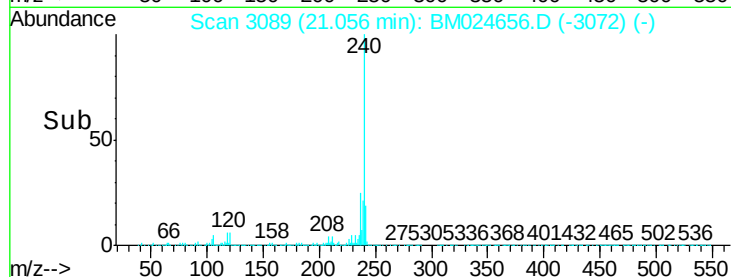
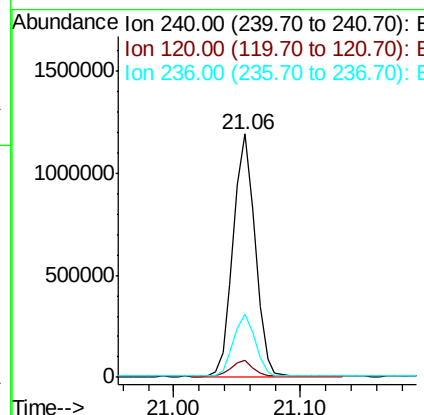
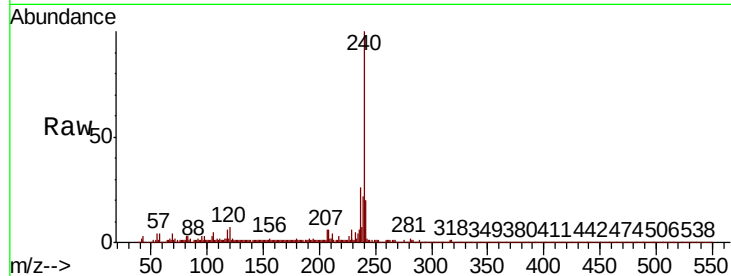
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Instrument :
BNA_M
ClientSampleId :
PL-05-012820

Tot Ion:240 Resp: 1419159
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 25.9 20.6 31.0

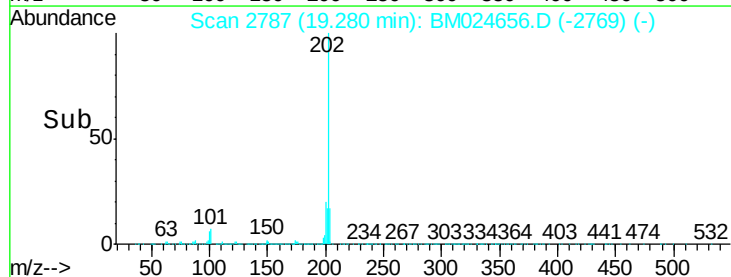
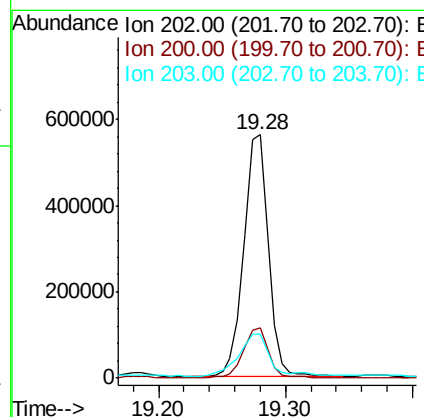
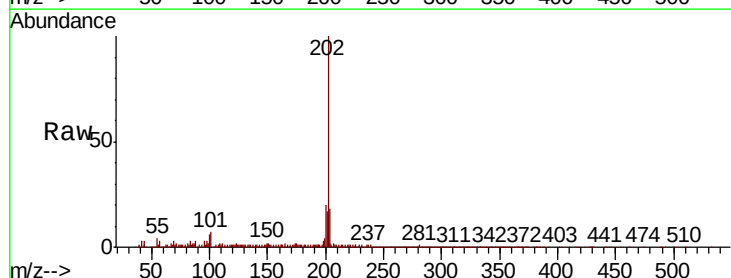
Manual Integrations
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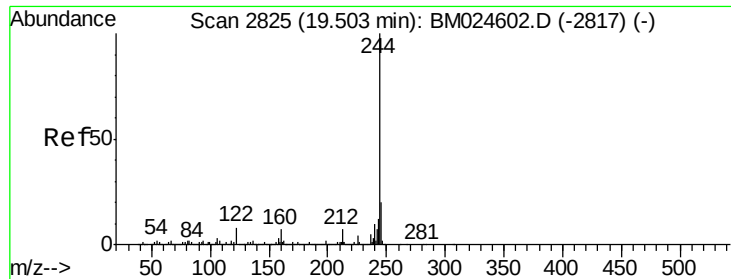
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#78
Pyrene
Concen: 8.022 ng
RT: 19.28 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Tgt Ion:202 Resp: 750519
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.9 14.0 21.0





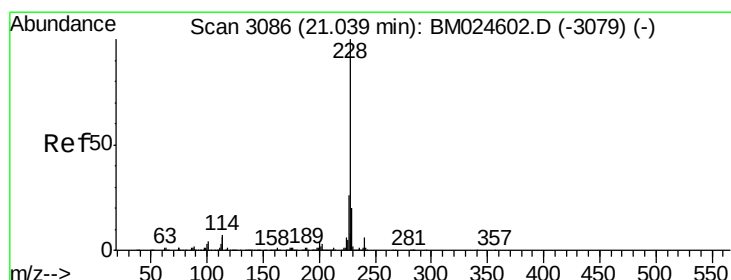
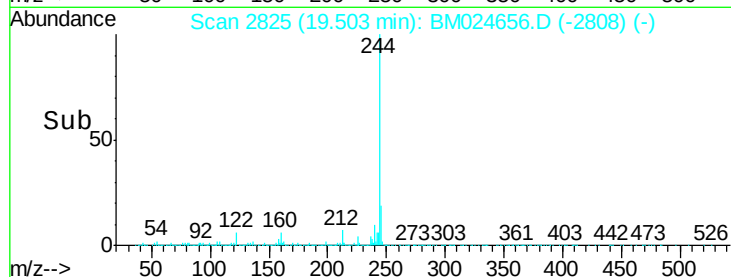
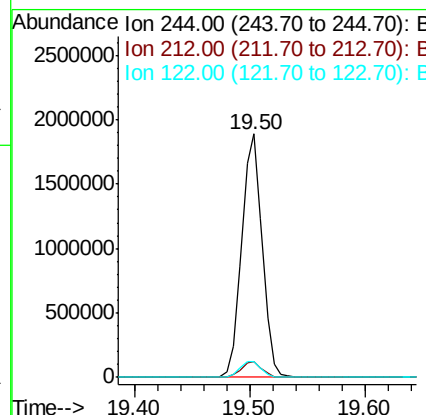
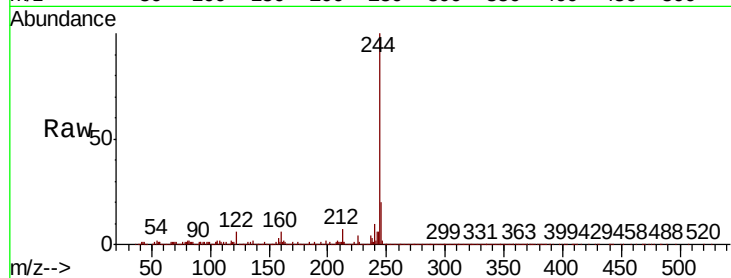
#79
 Terphenyl-d14
 Concen: 30.355 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM024656.D
 Acq: 29 Jan 2020 18:41

Instrument :
 BNA_M
 ClientSampleId :
 PL-05-012820

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	6.5	6.2	9.4

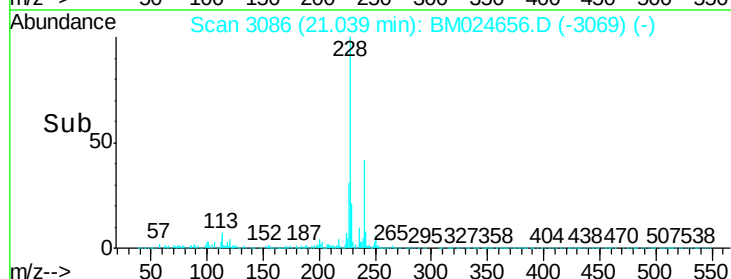
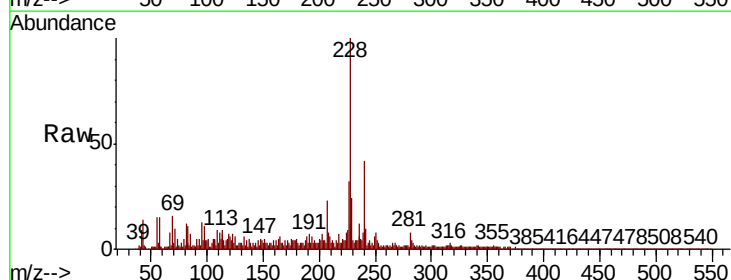
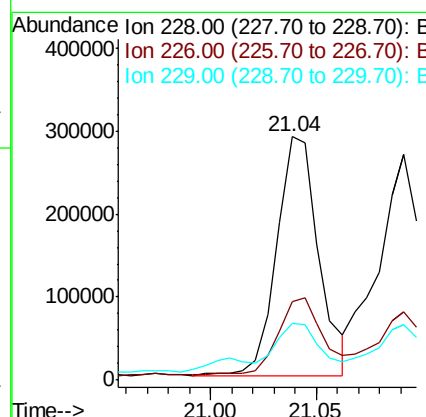
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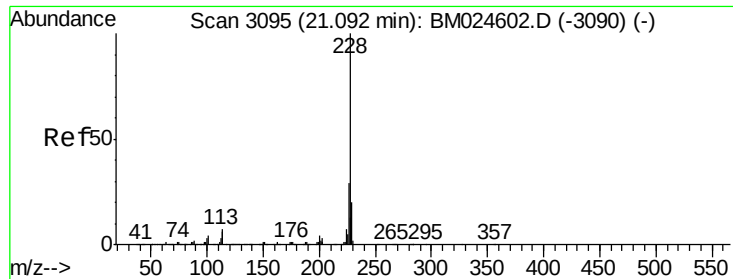
mohammad
 1/30/2020 10:19:09 AM



#81
 Benzo(a)anthracene
 Concen: 4.041 ng
 RT: 21.04 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM024656.D
 Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.1	31.7#
229	23.5	15.8	23.6





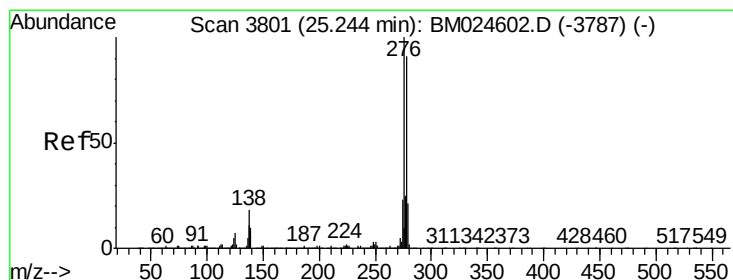
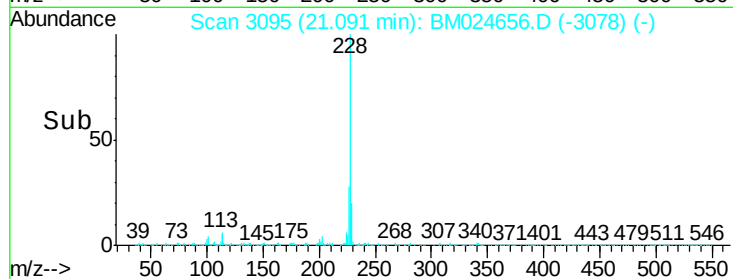
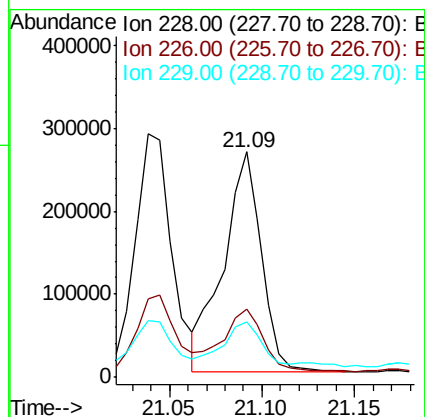
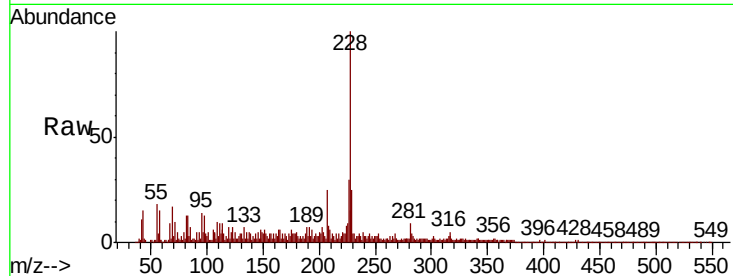
#83
Chrysene
Concen: 4.007 ng m
RT: 21.09 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Instrument :
BNA_M
ClientSampleId :
PL-05-012820

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.2	34.8
229	24.6	15.7	23.5

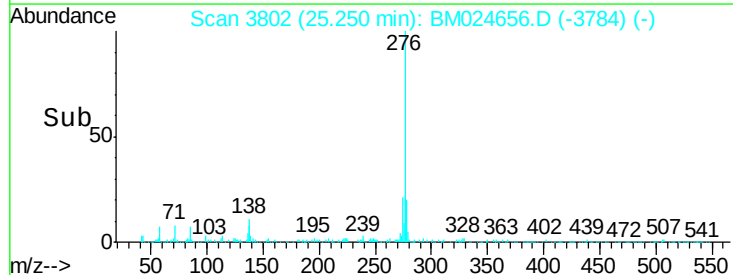
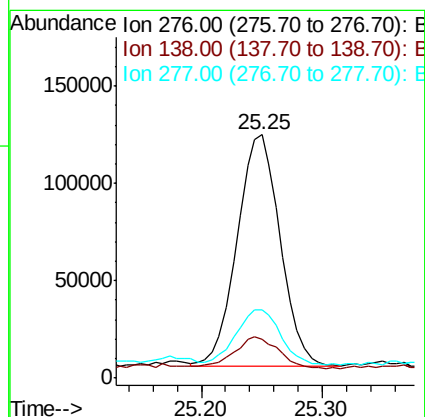
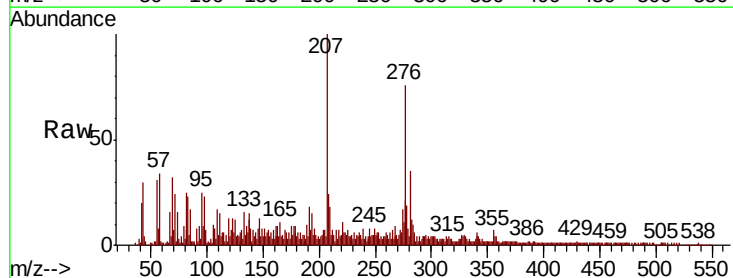
Manual Integrations
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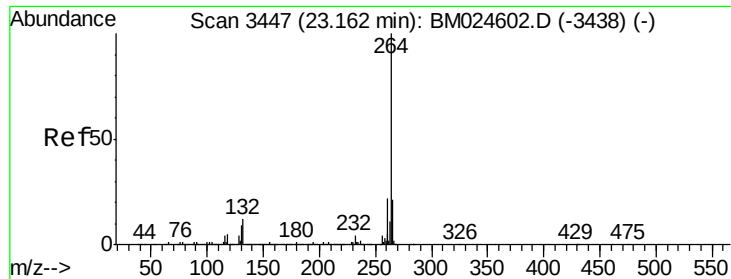
mohammad
1/30/2020 10:19:09 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.876 ng
RT: 25.25 min Scan# 3802
Delta R.T. 0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	13.4	20.0
277	25.0	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.17 min Scan# 3449

Delta R.T. 0.01 min

Lab File: BM024656.D

Acq: 29 Jan 2020 18:41

Instrument :

BNA_M

ClientSampleId :

PL-05-012820

Tot Ion:264 Resp: 1679972

Ion Ratio Lower Upper

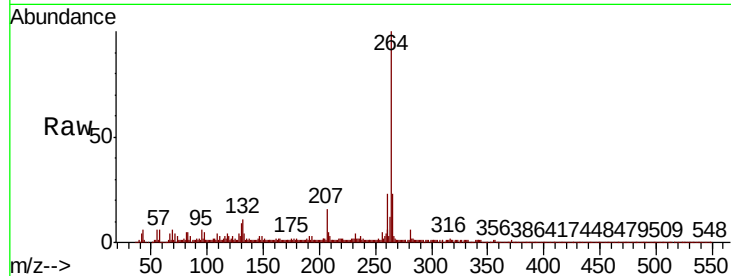
264 100

260 23.3 17.9 26.9

265 23.1 17.3 25.9

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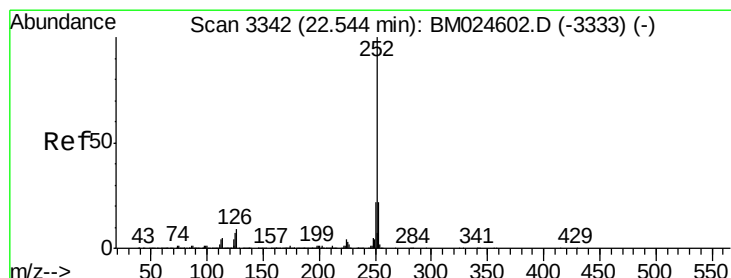
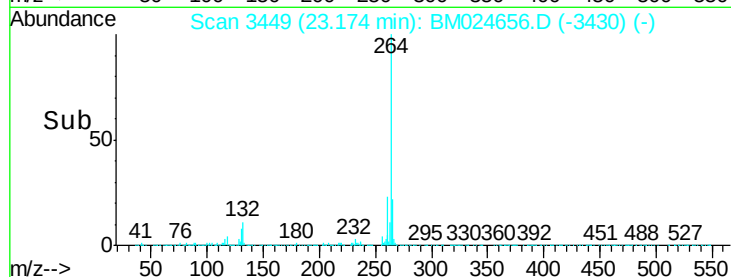
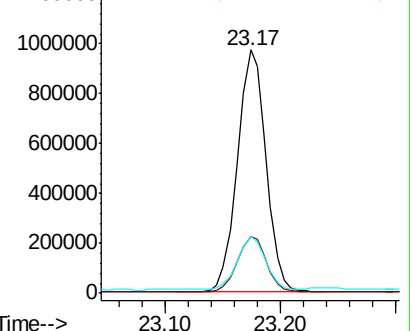
mohammad
1/30/2020 10:19:09 AM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 5.207 ng m

RT: 22.56 min Scan# 3344

Delta R.T. 0.01 min

Lab File: BM024656.D

Acq: 29 Jan 2020 18:41

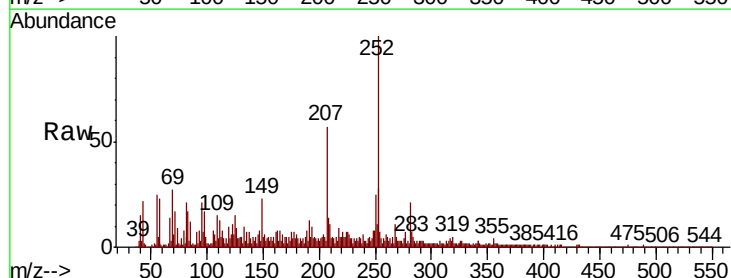
Tgt Ion:252 Resp: 567336

Ion Ratio Lower Upper

252 100

253 27.9 17.6 26.4#

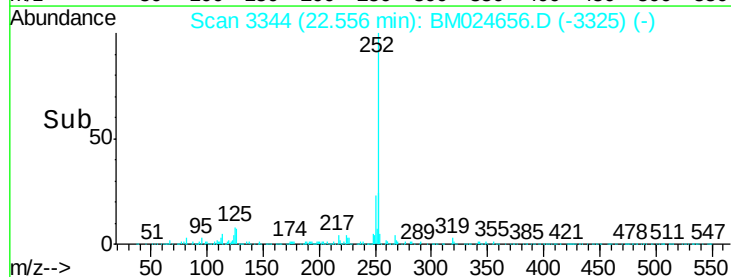
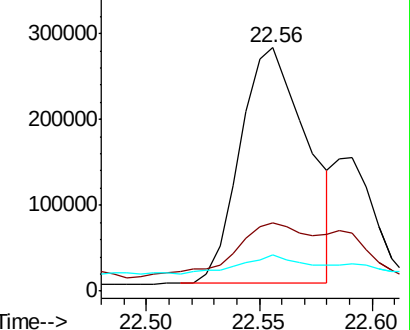
125 14.8 5.7 8.5#

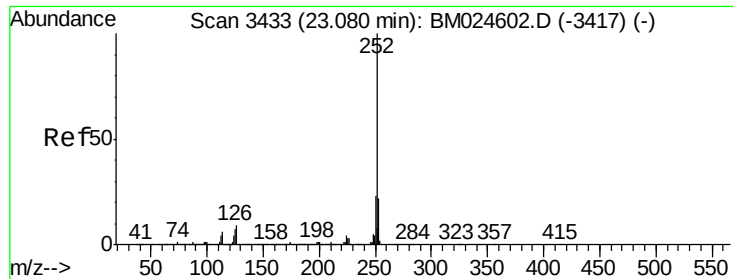


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





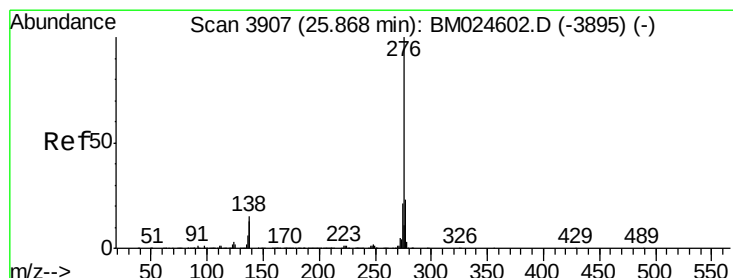
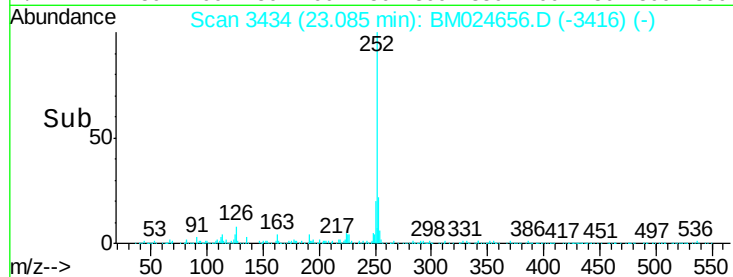
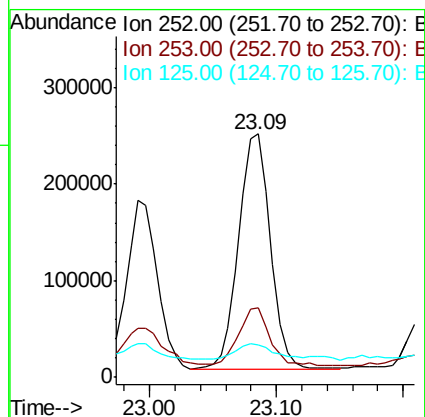
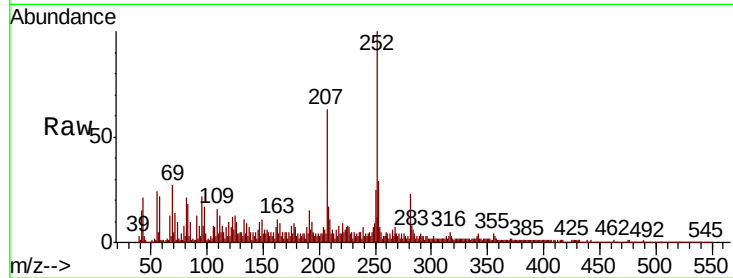
#90
Benzo(a)pyrene
Concen: 4.262 ng
RT: 23.09 min Scan# 3434
Delta R.T. 0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Instrument :
BNA_M
ClientSampleId :
PL-05-012820

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.3	25.9#
125	13.4	5.8	8.8#

Manual Integrations
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mohammad
1/30/2020 10:19:09 AM



#92
Benzo(g,h,i)perylene
Concen: 3.540 ng
RT: 25.88 min Scan# 3909
Delta R.T. 0.01 min
Lab File: BM024656.D
Acq: 29 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	28.0
138	15.2	11.9	17.9

