

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
 Data File : BM026422.D
 Acq On : 16 Jun 2020 21:06
 Operator : JU/CG
 Sample : L3013-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 V-210

Manual Integrations
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mohammad
 6/18/2020 11:52:40 AM

Quant Time: Jun 17 01:47:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 10:23:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	120730	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	479381	20.00	ng	0.00
39) Acenaphthene-d10	14.05	164	276287	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	568510	20.00	ng	0.00
76) Chrysene-d12	21.02	240	573650	20.00	ng	0.00
86) Perylene-d12	23.10	264	637360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	612389	89.68	ng	0.00
7) Phenol-d6	6.61	99	861211	87.10	ng	0.00
23) Nitrobenzene-d5	8.55	82	599319	61.38	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	310800	92.86	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	1200750	65.97	ng	0.00
79) Terphenyl-d14	19.46	244	1798836	60.87	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.53	163	185530	9.181	ng	100
71) Phenanthrene	16.85	178	169055	5.710	ng	99
75) Fluoranthene	18.87	202	357267	10.526	ng	98
78) Pyrene	19.24	202	372499	9.828	ng	99
81) Benzo(a)anthracene	21.00	228	200384	5.820	ng	95
83) Chrysene	21.05	228	203700	6.208	ng	97
87) Indeno(1,2,3-cd)pyrene	25.14	276	131502	3.567	ng	97
88) Benzo(b)fluoranthene	22.50	252	320482m	8.359	ng	
89) Benzo(k)fluoranthene	22.53	252	98973m	2.657	ng	
90) Benzo(a)pyrene	23.01	252	199823	5.868	ng	97
92) Benzo(g,h,i)perylene	25.76	276	132600	4.527	ng	93

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

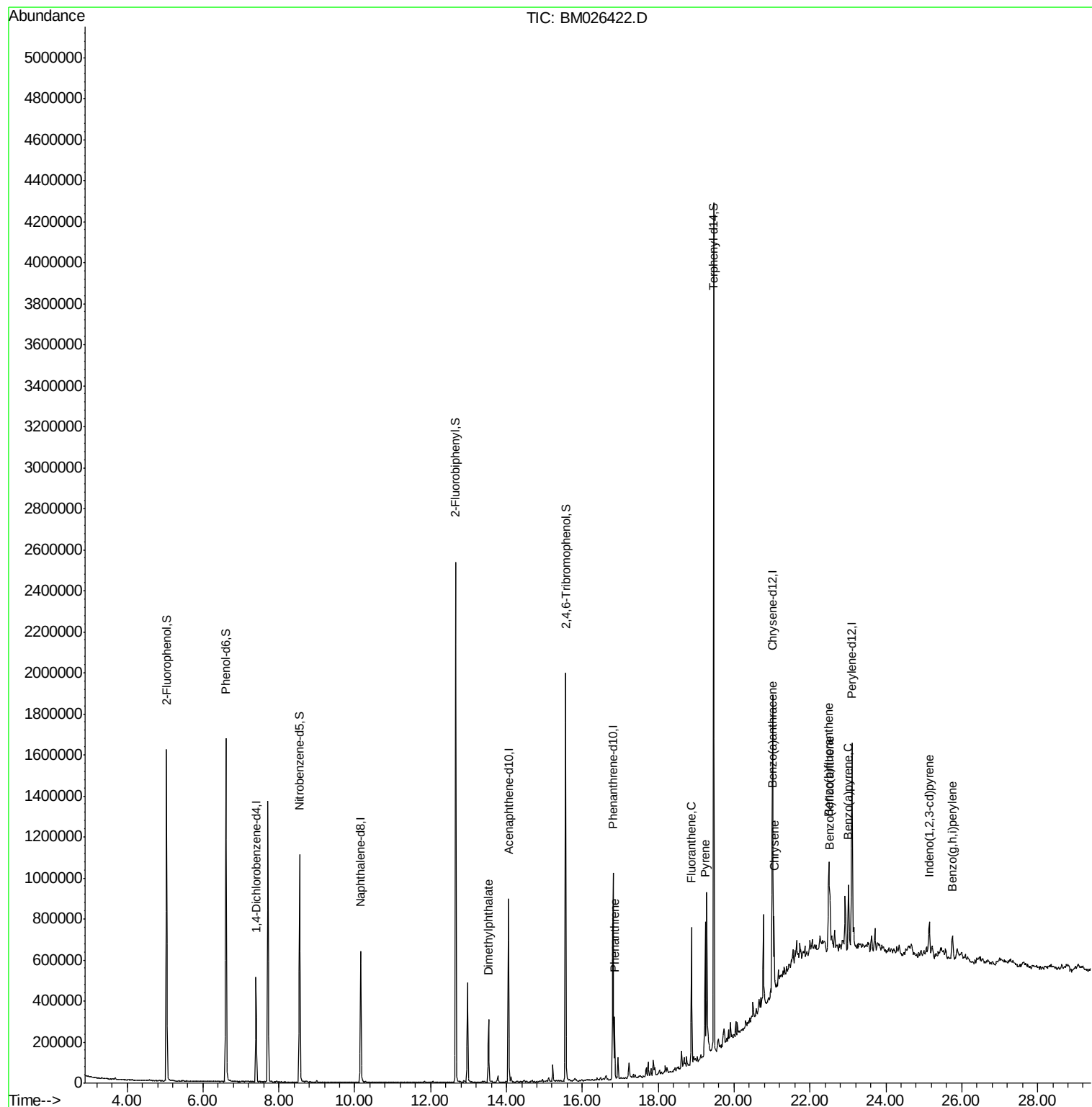
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026422.D
Acq On : 16 Jun 2020 21:06
Operator : JU/CG
Sample : L3013-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

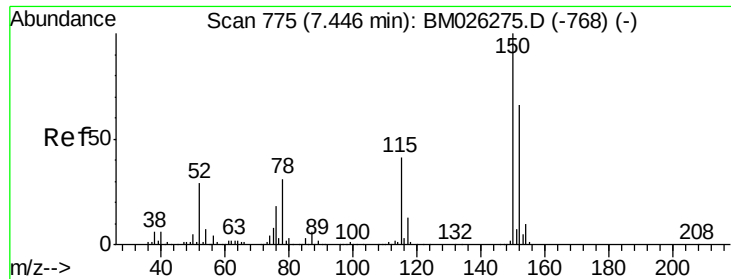
Instrument :
BNA_M
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V-210

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#1

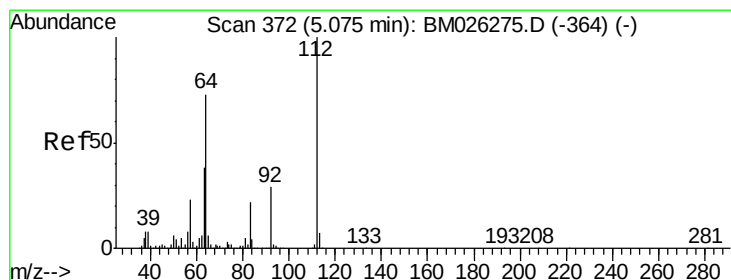
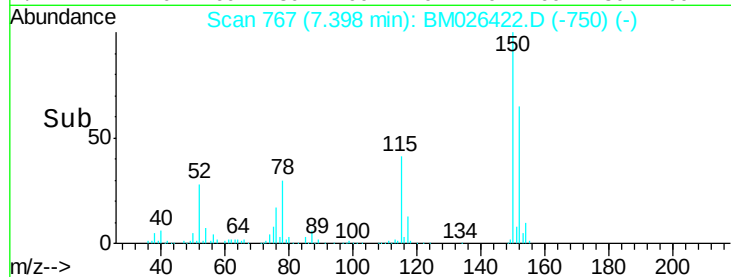
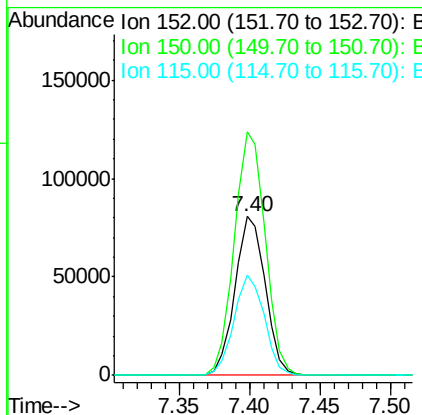
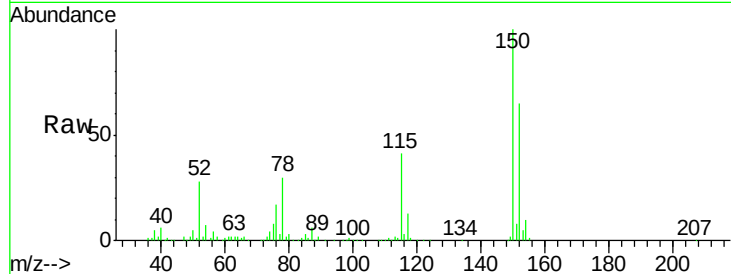
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Instrument :
BNA_M
ClientSampleId :
V-210

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.8	191.6
115	62.9	51.5	77.3

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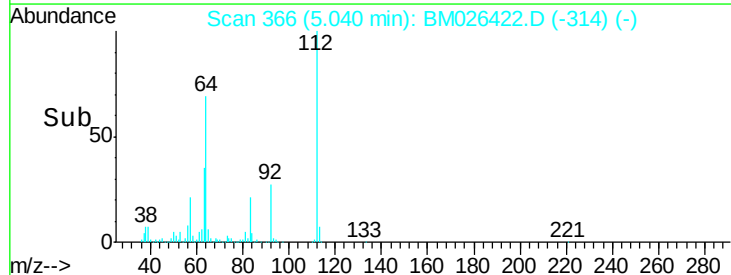
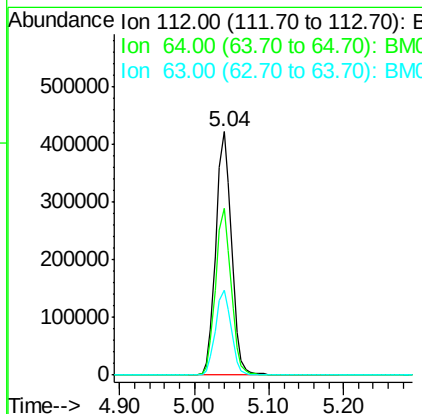
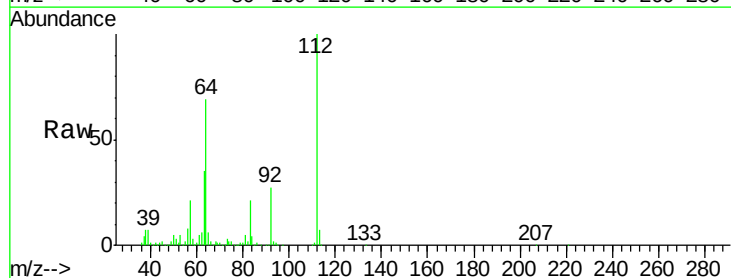
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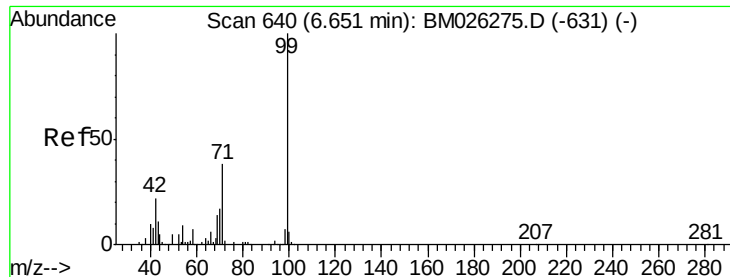


#5

2-Fluorophenol
Concen: 89.682 ng
RT: 5.04 min Scan# 366
Delta R.T. 0.01 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.0	84.0
63	34.6	29.0	43.6





#7

Phenol-d6

Concen: 87.097 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.01 min

Lab File: BM026422.D

Acq: 16 Jun 2020 21:06

Instrument :

BNA_M

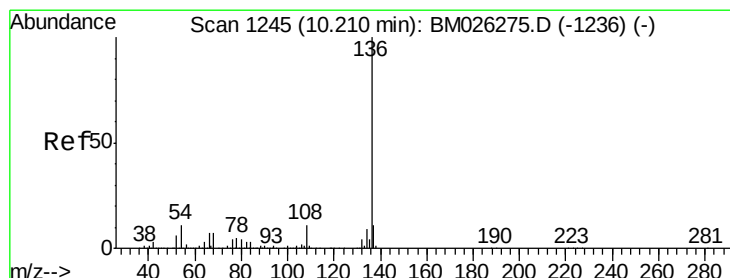
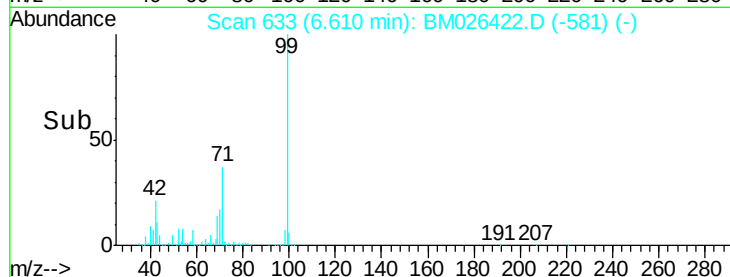
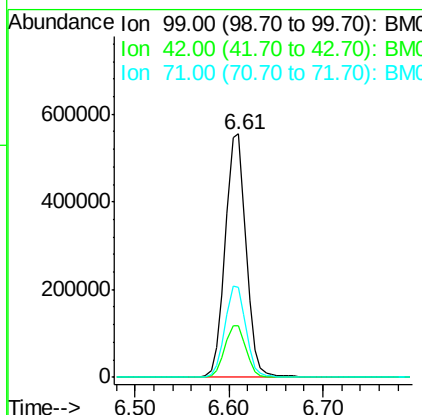
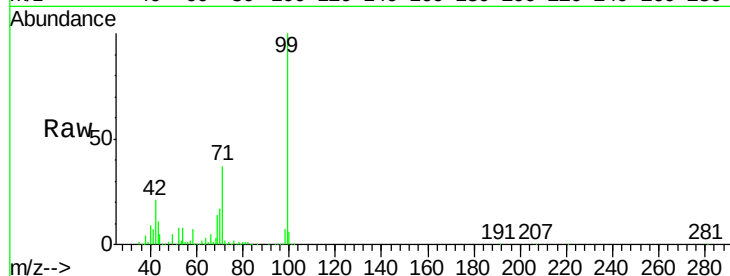
ClientSampled :

V-210

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		861211		
42	21.3	17.8	26.6		
71	37.0	31.0	46.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

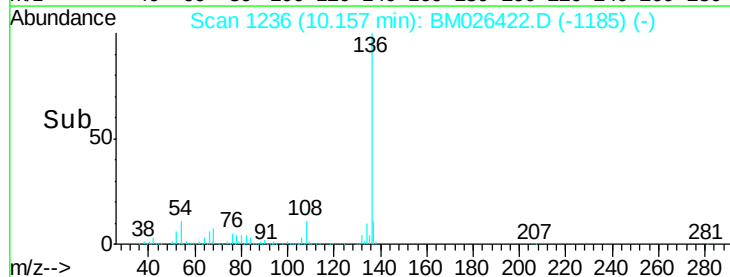
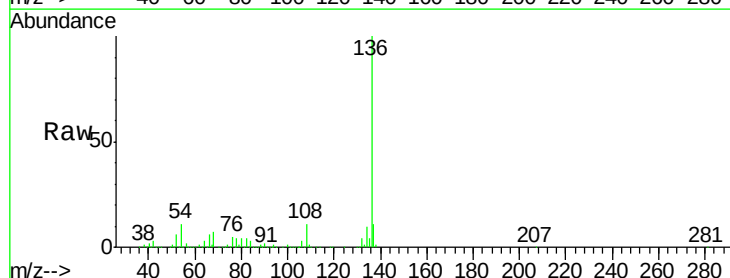
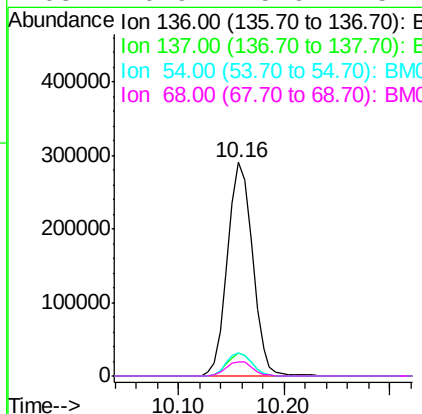
RT: 10.16 min Scan# 1236

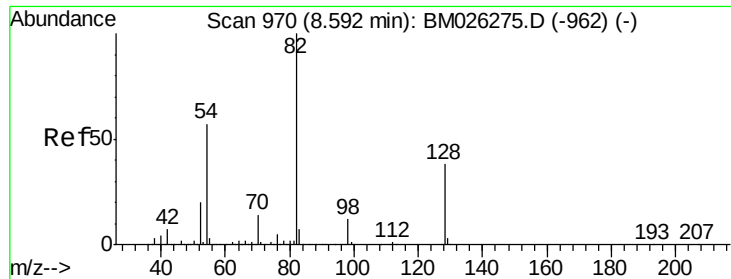
Delta R.T. -0.00 min

Lab File: BM026422.D

Acq: 16 Jun 2020 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		479381		
137	10.6	8.5	12.7		
54	10.6	9.0	13.6		
68	6.9	5.6	8.4		





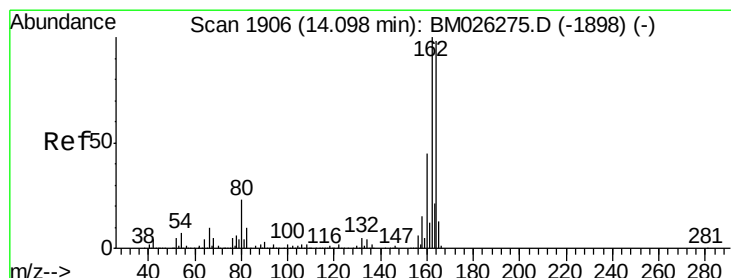
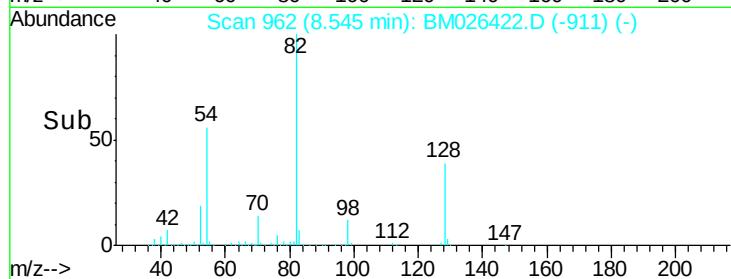
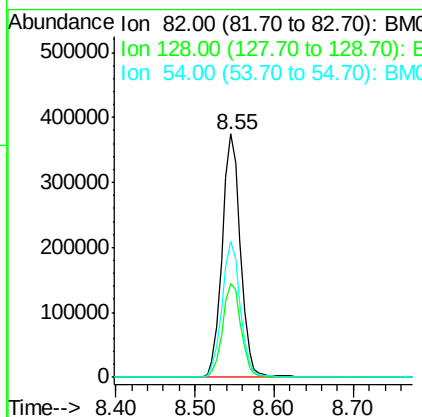
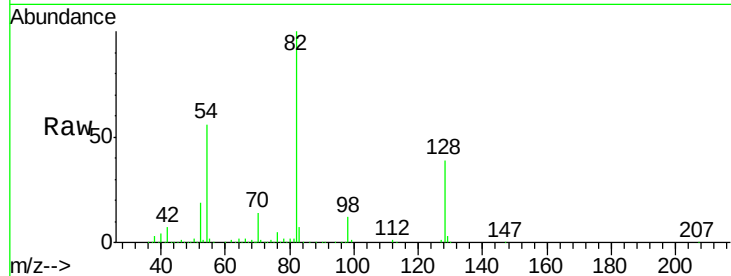
#23
 Nitrobenzene-d5
 Concen: 61.384 ng
 RT: 8.55 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Instrument :
 BNA_M
 ClientSampled :
 V-210

Tot Ion:	82	Resp:	599319
Ion Ratio	Lower	Upper	
82	100		
128	38.5	31.0	46.6
54	55.7	45.4	68.2

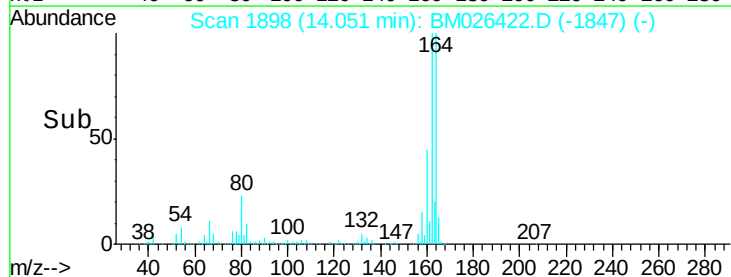
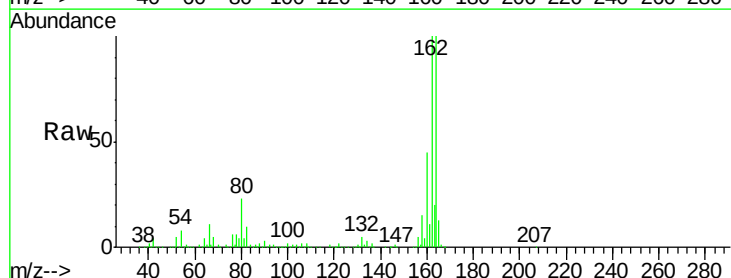
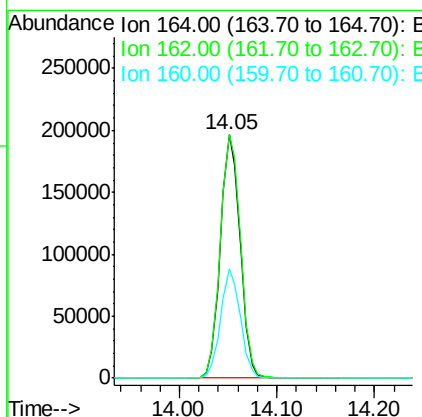
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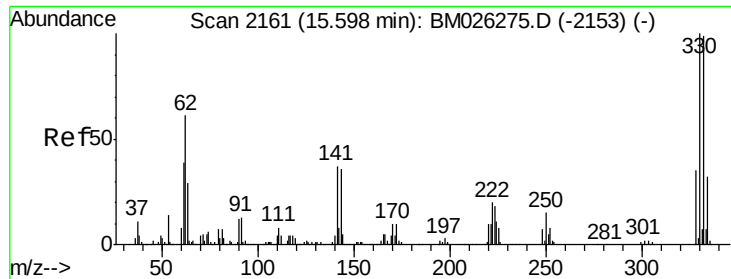
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Tgt Ion:	164	Resp:	276287
Ion Ratio	Lower	Upper	
164	100		
162	99.8	77.7	116.5
160	44.9	34.2	51.2





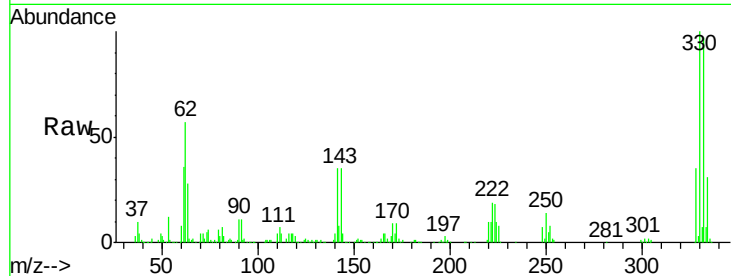
#42
 2,4,6-Tribromophenol
 Concen: 92.865 ng
 RT: 15.56 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Instrument :
 BNA_M
 ClientSampleId :
 V-210

Tot Ion	Ratio	Resp	Lower	Upper
330	100	310800		
332	97.0	77.7	116.5	
141	37.6	29.7	44.5	

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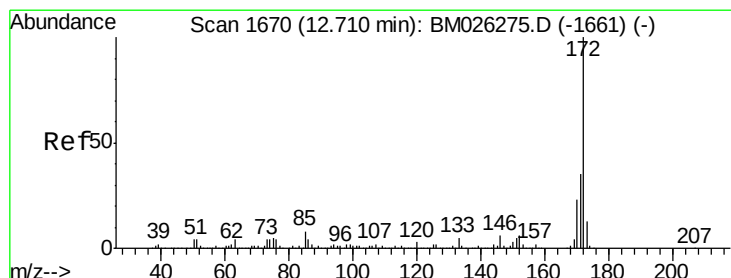
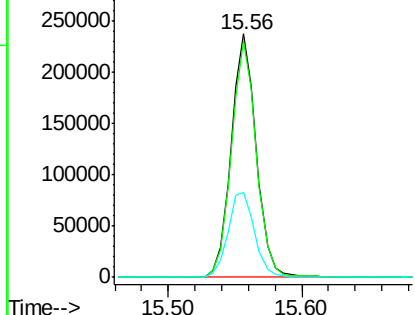
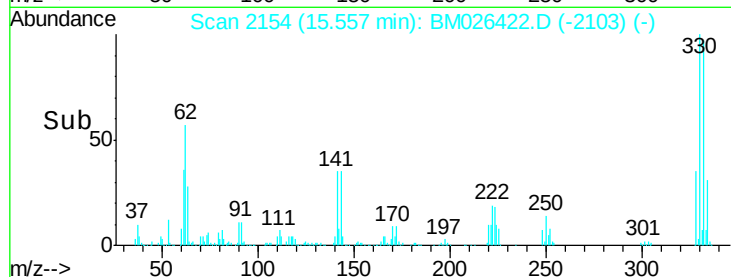


Abundance

Ion 329.80 (329.50 to 330.50): E

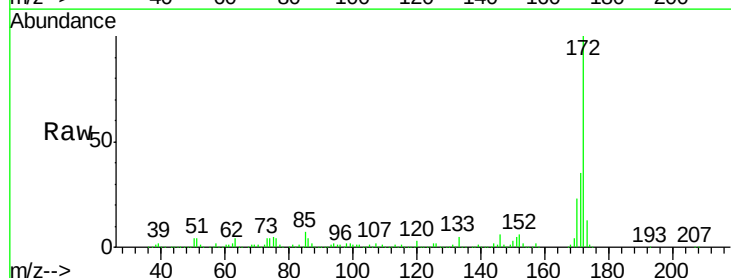
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.971 ng
 RT: 12.66 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1200750		
171	34.9	27.8	41.8	
170	22.8	18.2	27.4	

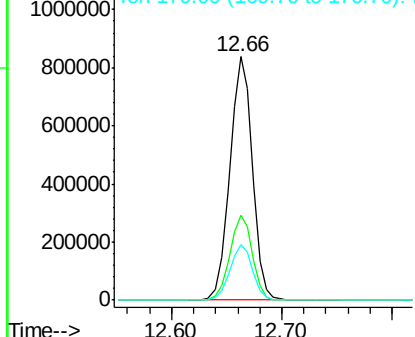
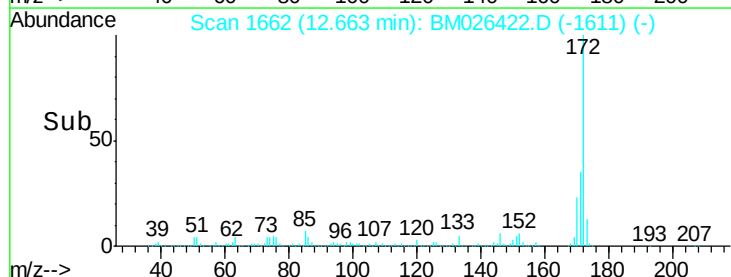


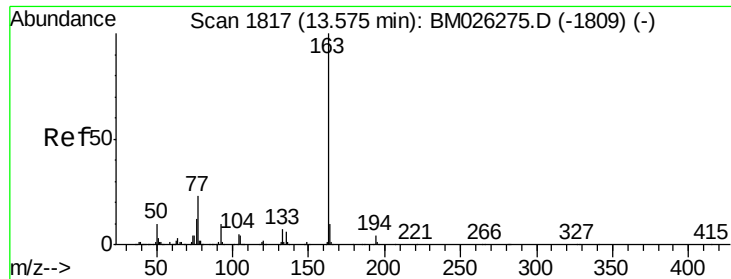
Abundance

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





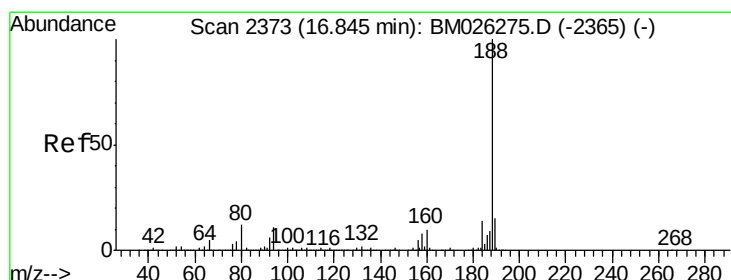
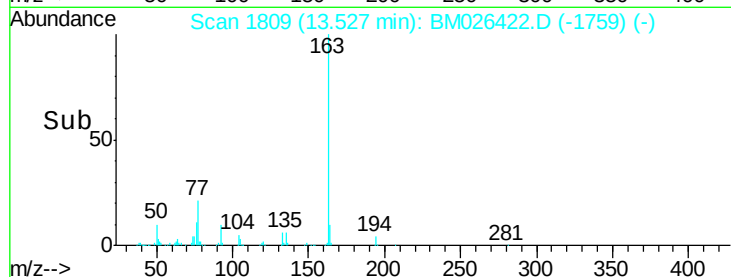
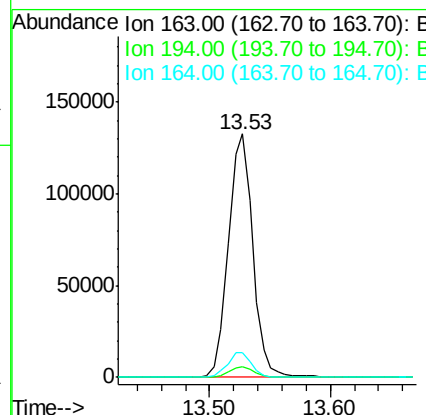
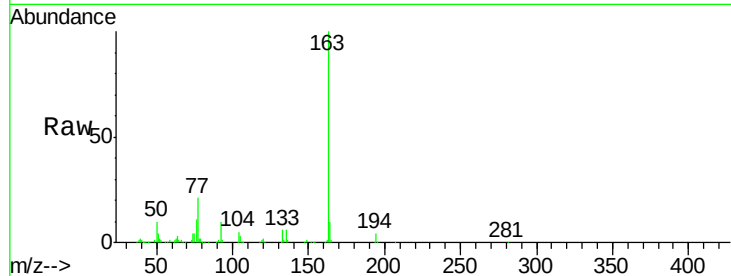
#50
Dimethylphthalate
Concen: 9.181 ng
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Instrument :
BNA_M
ClientSampleId :
V-210

Tot Ion	Ratio	Resp	Lower	Upper
163	100	185530		
194	4.3		3.4	5.2
164	10.0		7.8	11.8

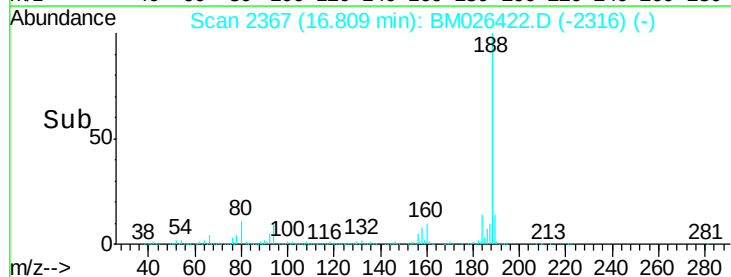
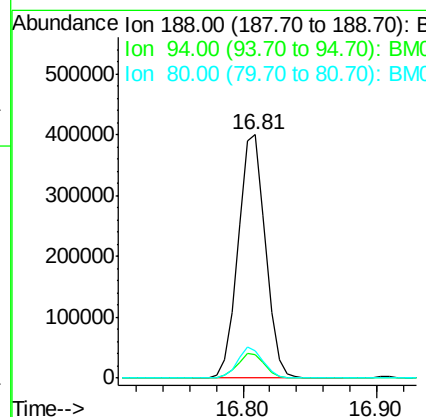
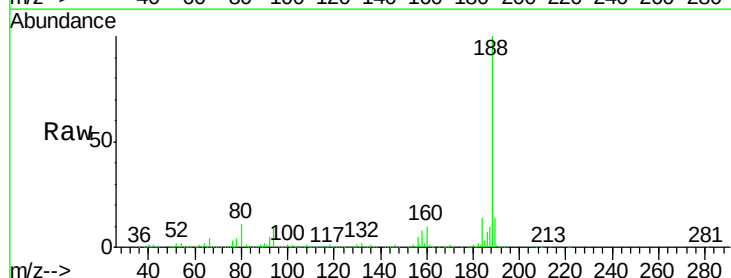
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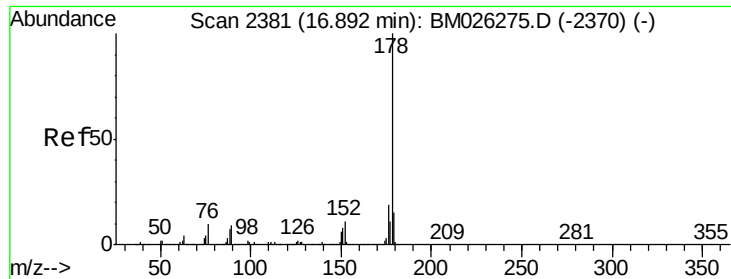
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.81 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	568510		
94	9.9		7.8	11.6
80	11.3		9.5	14.3





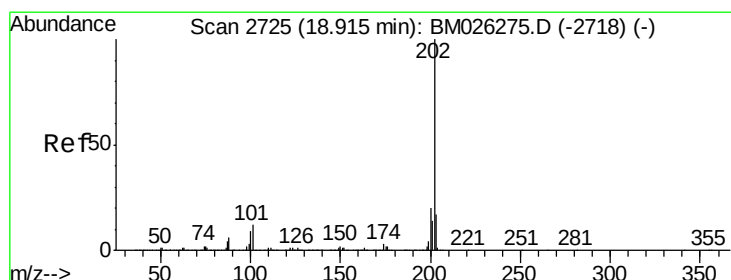
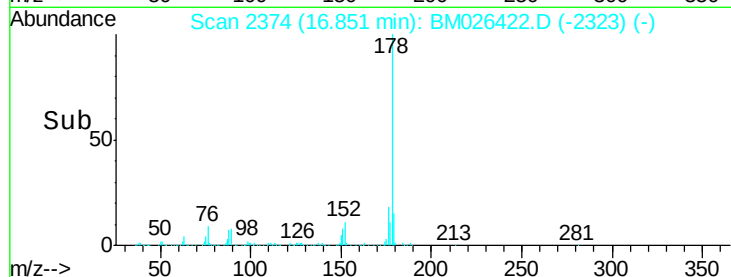
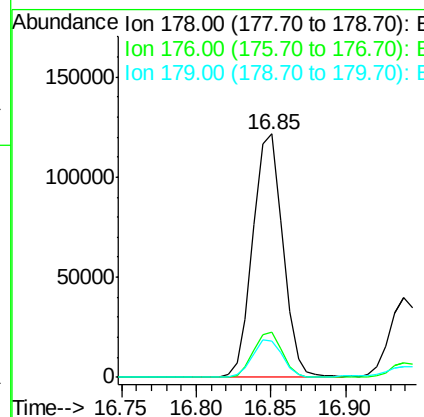
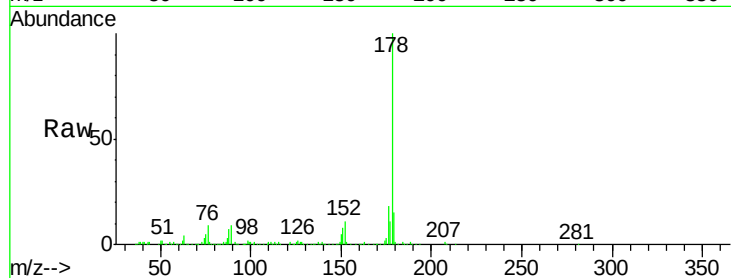
#71
Phenanthrene
Concen: 5.710 ng
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Instrument :
BNA_M
ClientSampleId :
V-210

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.1	12.3	18.5

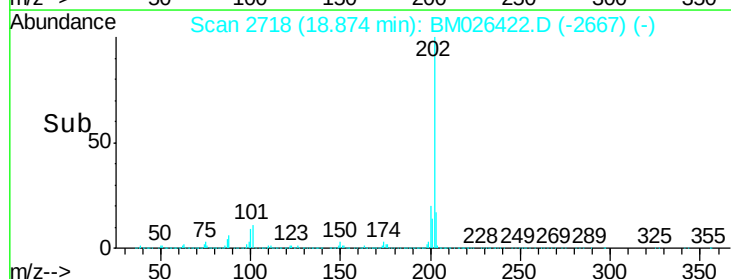
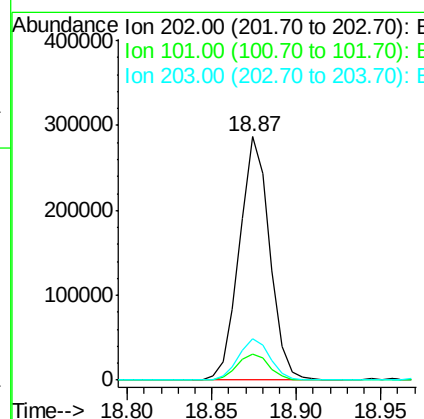
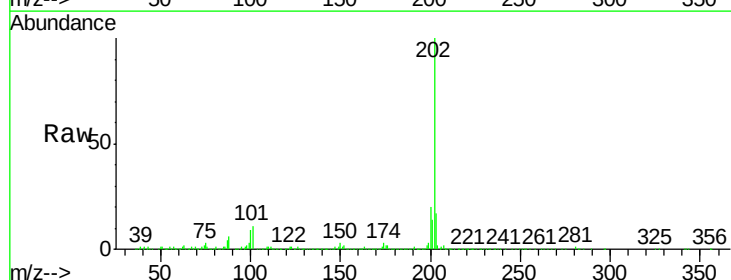
Manual Integrations
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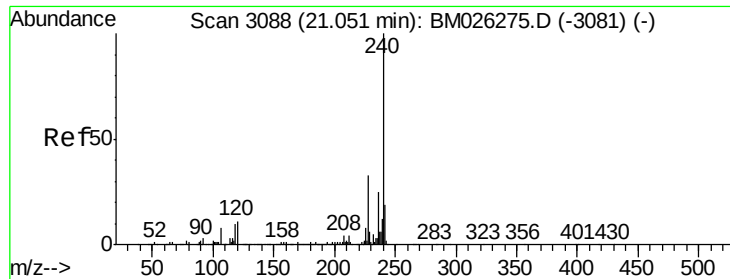
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#75
Fluoranthene
Concen: 10.526 ng
RT: 18.87 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.9
203	16.8	0.0	37.5





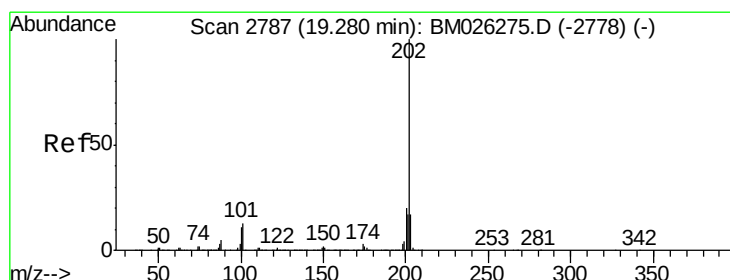
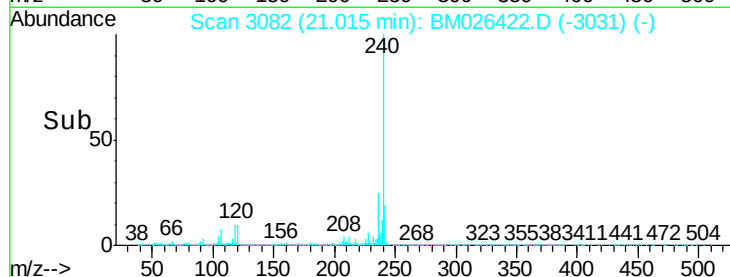
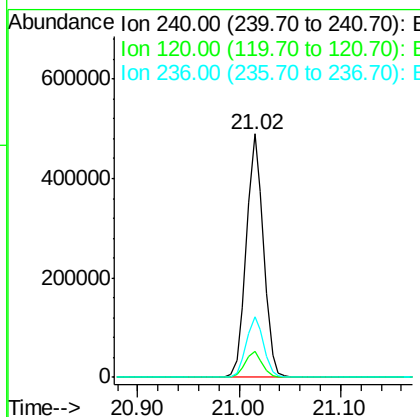
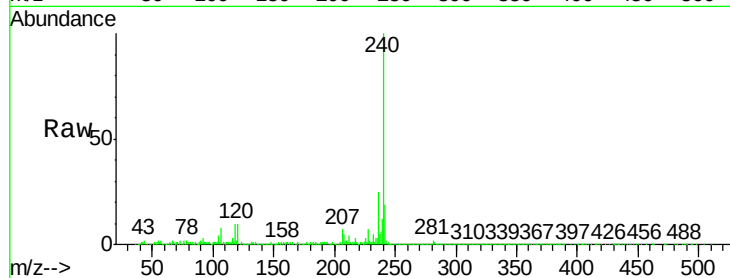
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Instrument :
BNA_M
ClientSampleId :
V-210

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.3	13.9
236	24.9	19.4	29.0

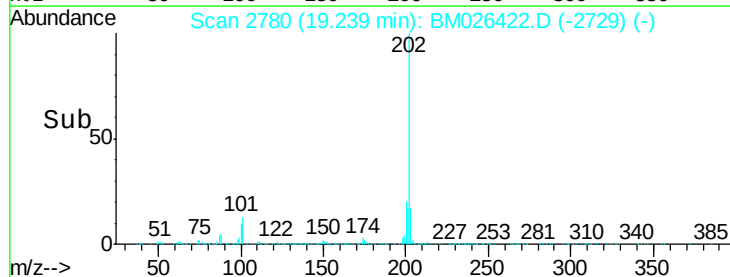
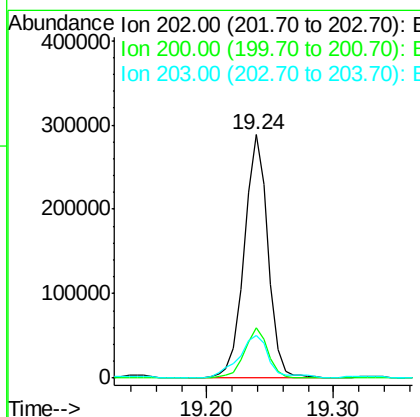
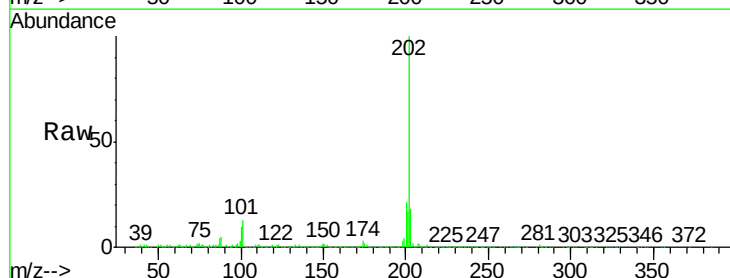
Manual Integrations
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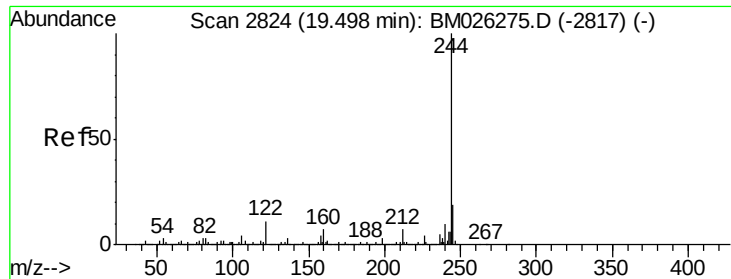
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#78
Pyrene
Concen: 9.828 ng
RT: 19.24 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.6	13.8	20.6





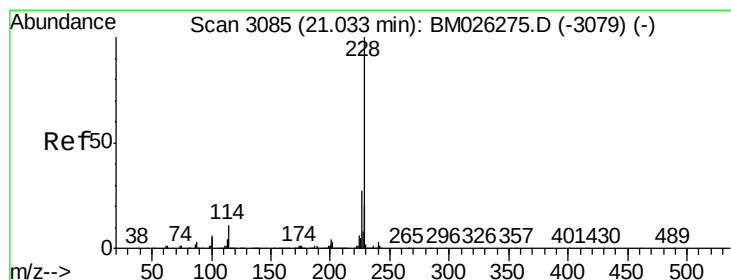
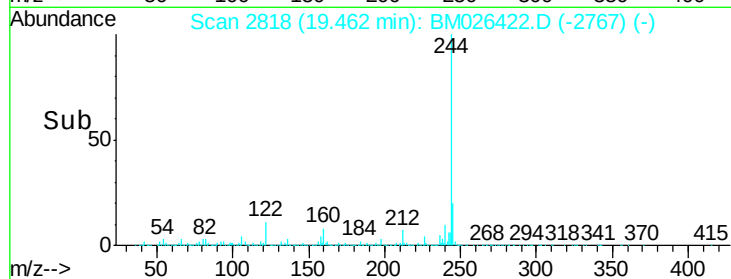
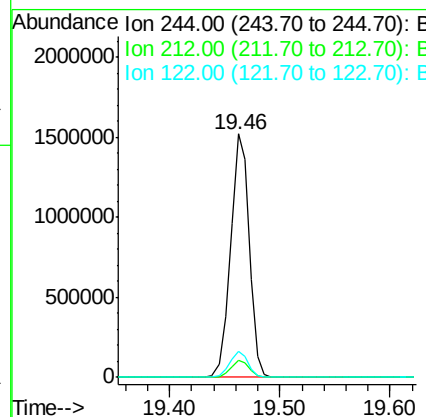
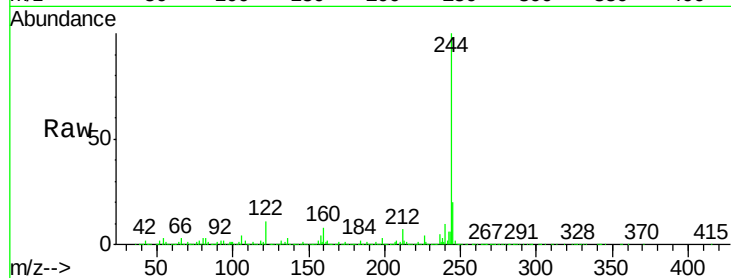
#79
 Terphenyl-d14
 Concen: 60.871 ng
 RT: 19.46 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Instrument :
 BNA_M
 ClientSampleId :
 V-210

Tot Ion:244 Resp: 1798836
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.7 8.6 13.0

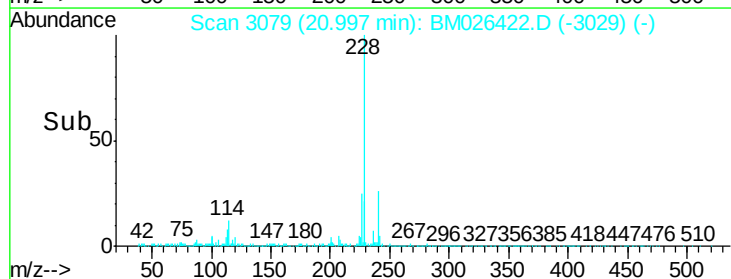
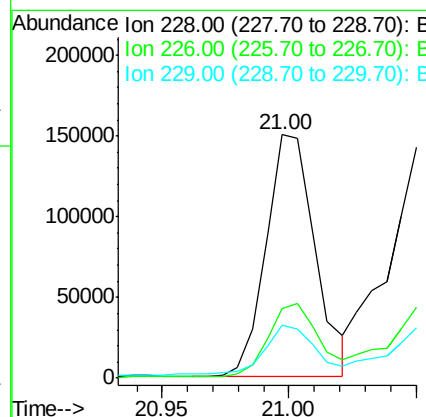
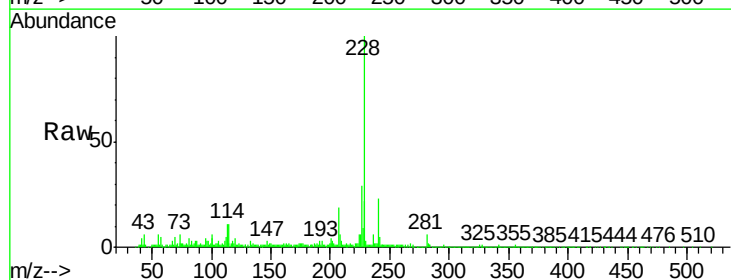
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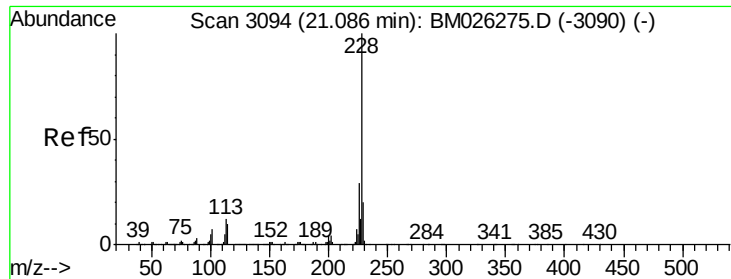
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.820 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Tgt Ion:228 Resp: 200384
 Ion Ratio Lower Upper
 228 100
 226 28.7 21.1 31.7
 229 21.6 15.7 23.5





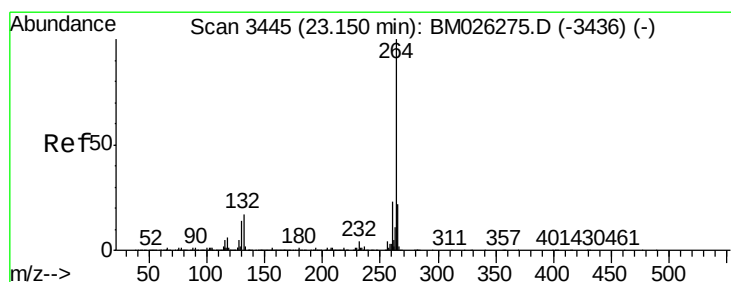
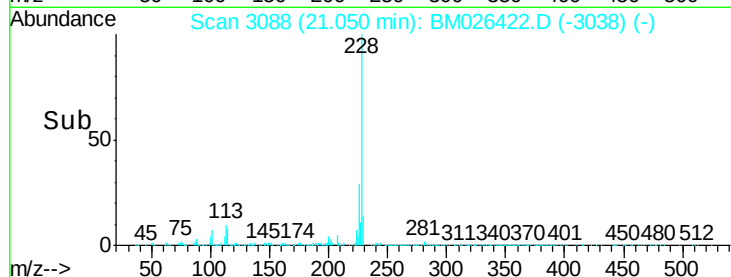
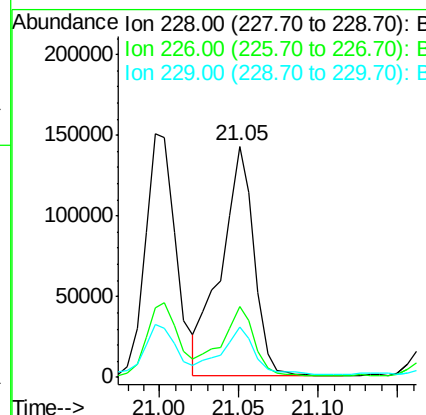
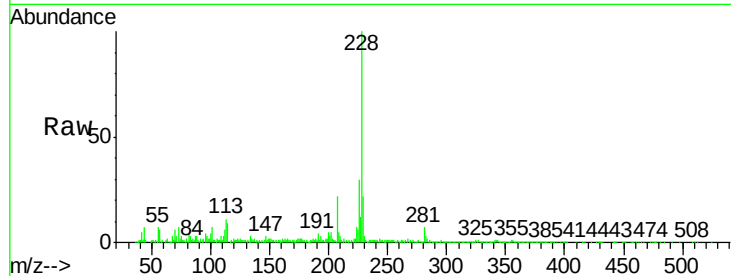
#83
Chrysene
Concen: 6.208 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Instrument :
BNA_M
ClientSampleId :
V-210

Tot Ion:	228	Resp:	203700
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.8	35.6
229	22.0	15.5	23.3

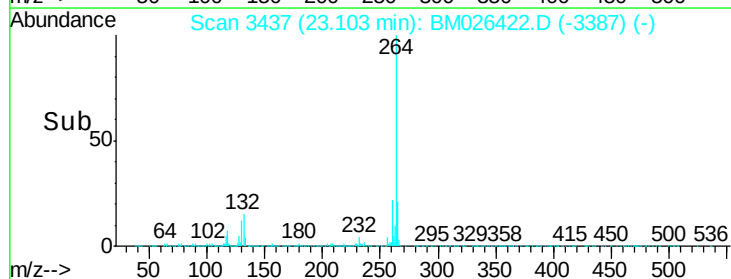
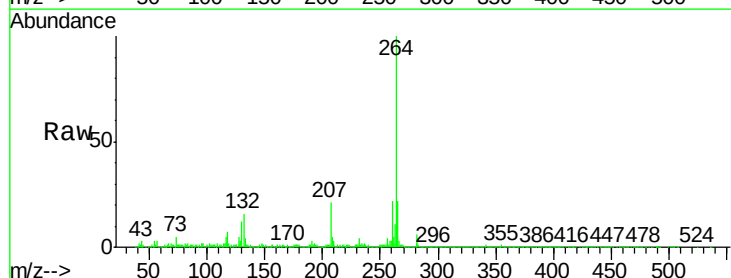
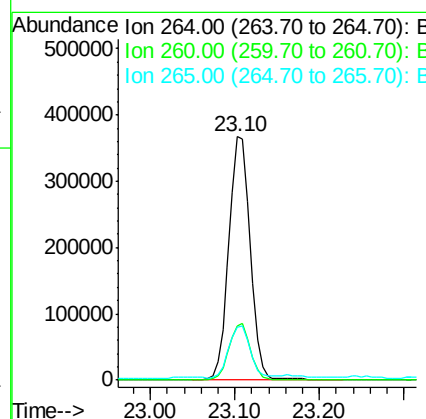
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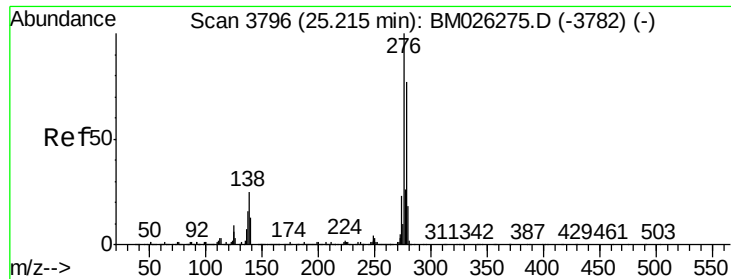
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.10 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Tgt Ion:	264	Resp:	637360
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.6	28.0
265	21.8	17.8	26.6





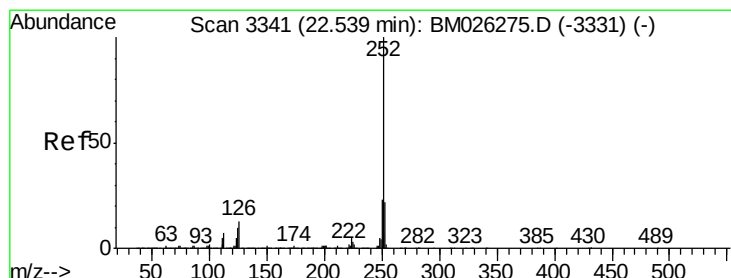
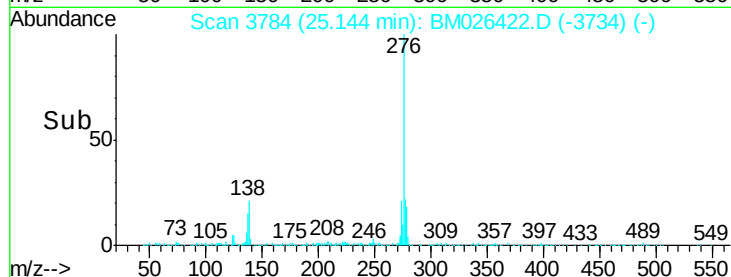
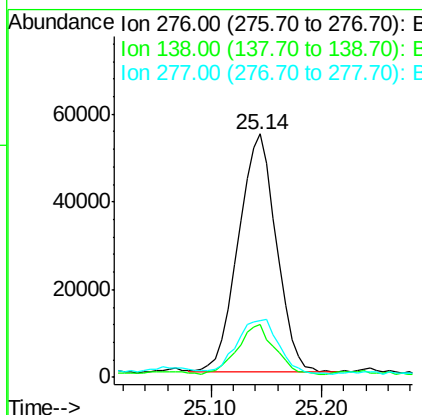
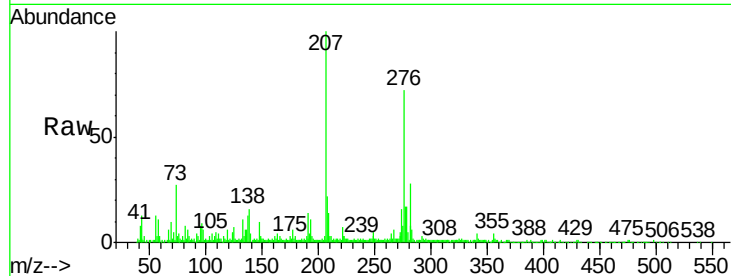
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.567 ng
 RT: 25.14 min Scan# 3784
 Delta R.T. -0.01 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Instrument :
 BNA_M
 ClientSampleId :
 V-210

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.0	28.6
277	25.2	20.2	30.4

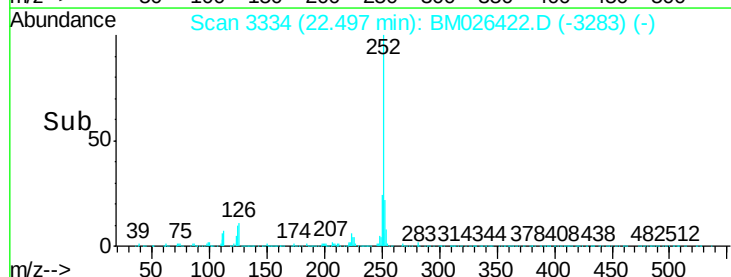
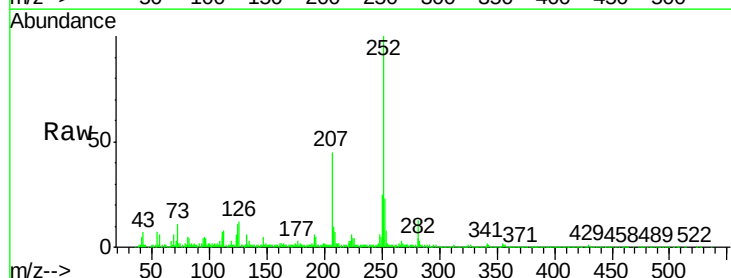
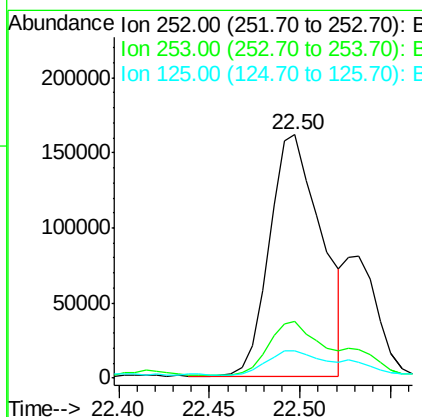
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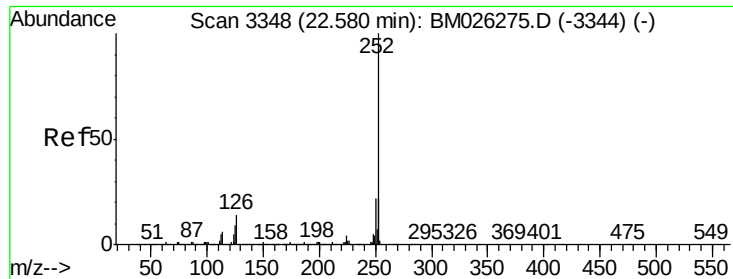
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#88
 Benzo(b)fluoranthene
 Concen: 8.359 ng m
 RT: 22.50 min Scan# 3334
 Delta R.T. -0.00 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	11.2	8.0	12.0





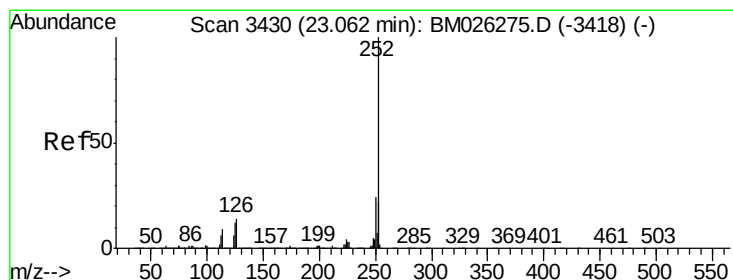
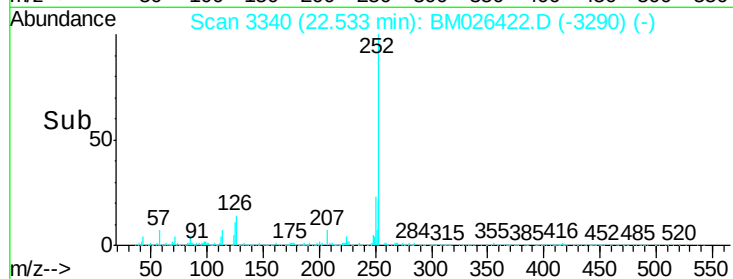
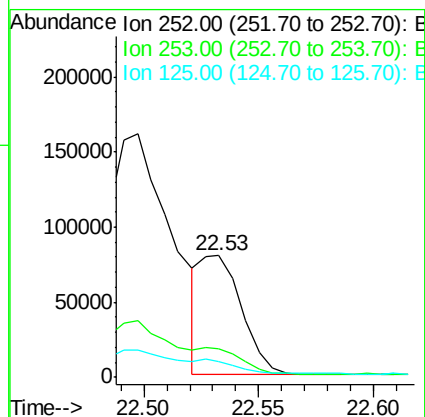
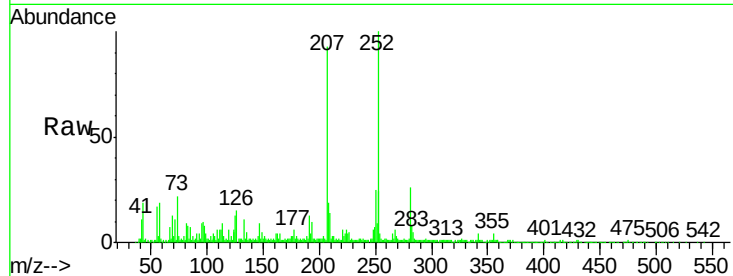
#89
Benzo(k)fluoranthene
Concen: 2.657 ng m
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Instrument :
BNA_M
ClientSampled :
V-210

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	13.3	7.8	11.8

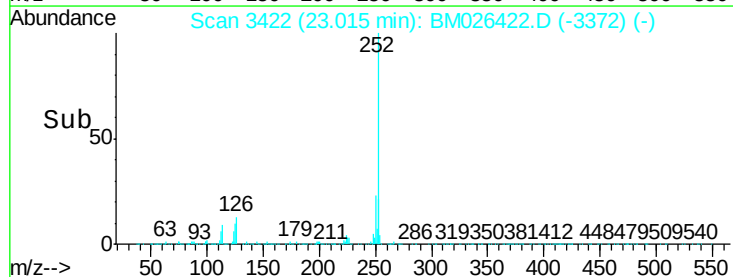
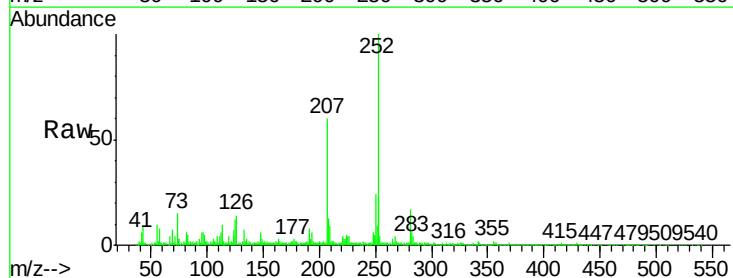
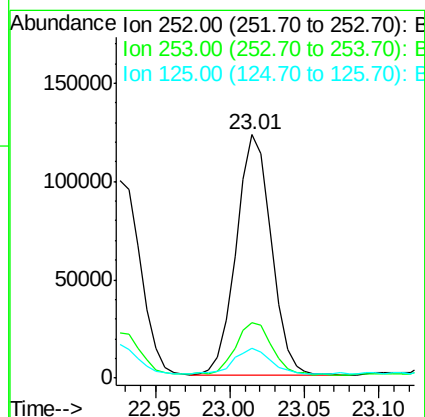
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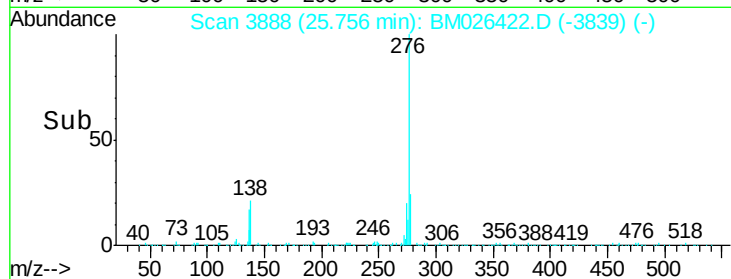
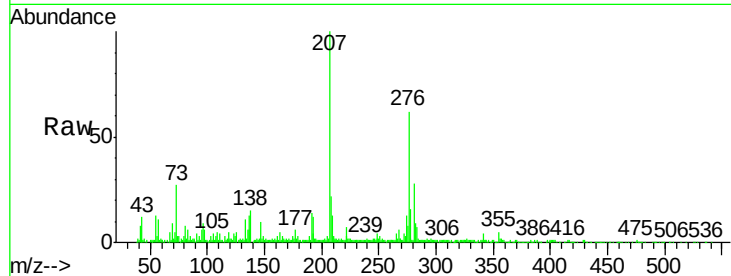
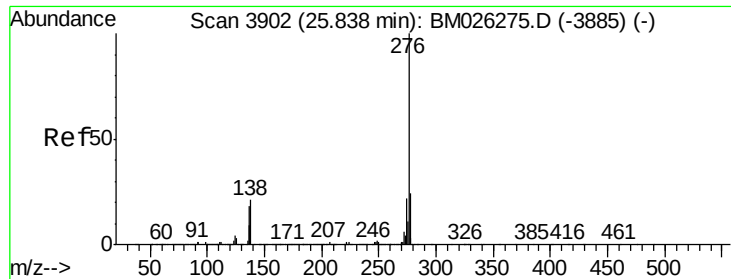
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#90
Benzo(a)pyrene
Concen: 5.868 ng
RT: 23.01 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM026422.D
Acq: 16 Jun 2020 21:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.2	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 4.527 ng
 RT: 25.76 min Scan# 3888
 Delta R.T. -0.01 min
 Lab File: BM026422.D
 Acq: 16 Jun 2020 21:06

Instrument :
 BNA_M
 ClientSampleId :
 V-210

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.0	28.4
138	24.0	16.2	24.4

Manual Integrations
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