

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022462.D
 Acq On : 31 Aug 2019 04:03
 Operator : HP/JU
 Sample : K4439-02 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1-(1-3)

Manual Integrations
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Quant Time: Aug 31 06:08:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	20487	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	72179	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	46401	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	111802	20.00	ng	0.00
76) Chrysene-d12	21.17	240	183308	20.00	ng	0.00
87) Perylene-d12	23.36	264	224360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	38857	33.29	ng	0.00
7) Phenol-d6	6.72	99	48739	31.23	ng	0.00
23) Nitrobenzene-d5	8.70	82	35184	21.35	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	24712	26.03	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	74675	18.23	ng	0.00
79) Terphenyl-d14	19.60	244	183491	13.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	8273	2.050	ng	Qvalue # 92
71) Phenanthrene	16.99	178	20543	3.152	ng	98
75) Fluoranthene	19.03	202	52931	6.099	ng	99
78) Pyrene	19.39	202	63742	5.102	ng	97
81) Benzo(a)anthracene	21.15	228	57121	4.341	ng	# 93
83) Chrysene	21.20	228	63321	5.056	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.54	276	45436	3.607	ng	100
88) Benzo(b)fluoranthene	22.71	252	93204m	5.980	ng	
90) Benzo(a)pyrene	23.26	252	59831	4.325	ng	# 92
92) Benzo(g,h,i)perylene	26.21	276	50615	4.210	ng	97

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

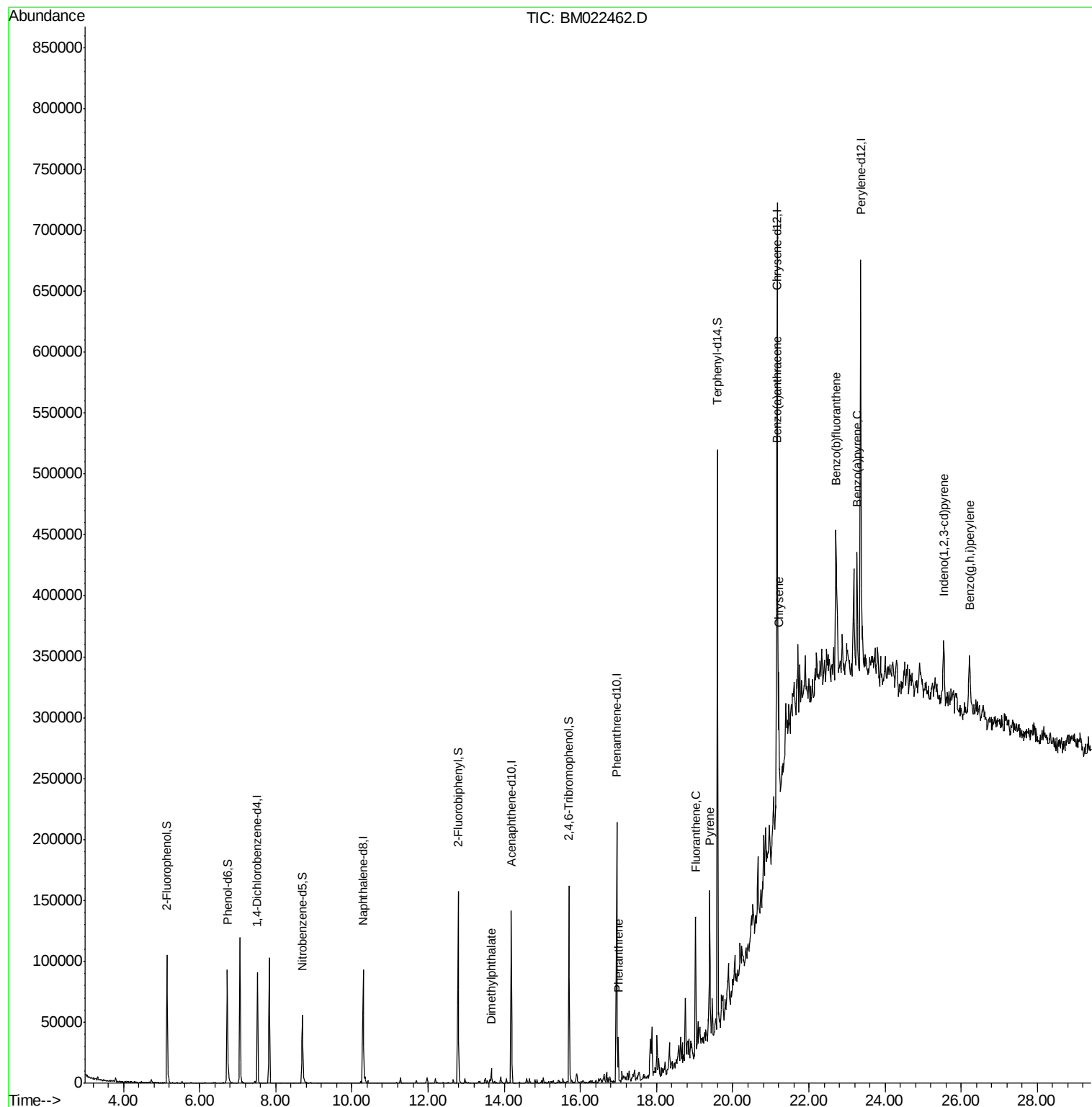
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022462.D
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ALS Vial : 19 Sample Multiplier: 1

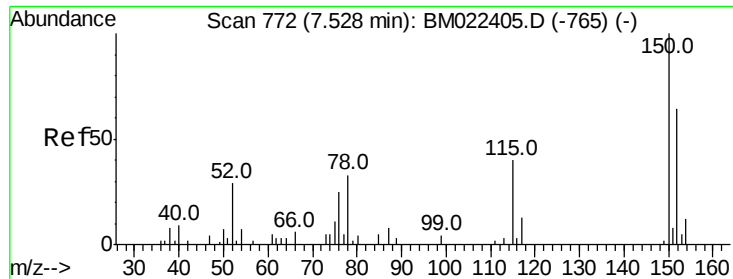
Instrument :
BNA_M
ClientSampleId :
S-1-(1-3)

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Quant Time: Aug 31 06:08:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration





#1

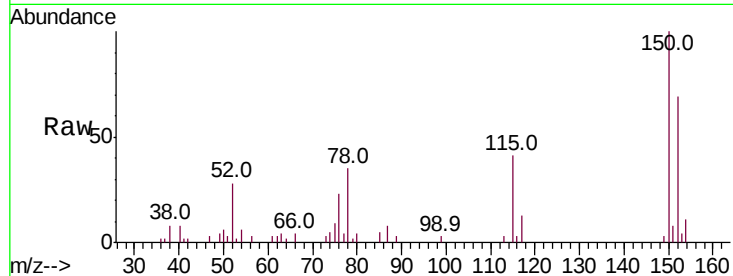
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Instrument :
BNA_M
ClientSampled :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.5	125.4	188.0
115	58.8	50.3	75.5

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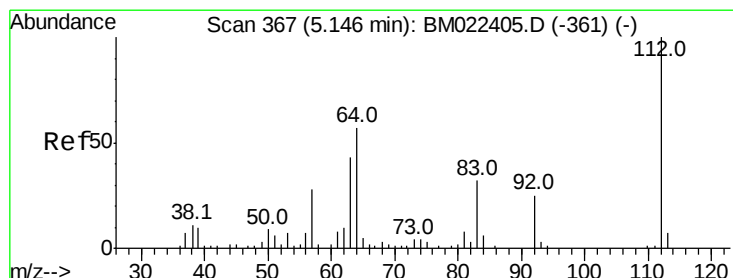
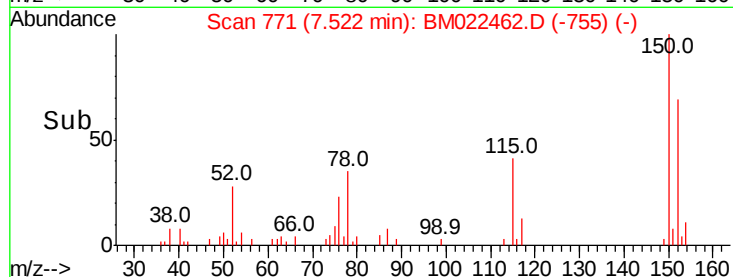
Abundance

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

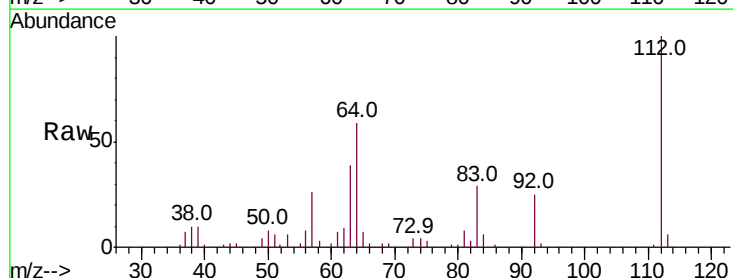
Time-->



#5

2-Fluorophenol
Concen: 33.293 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.4	68.2
63	38.6	34.5	51.7



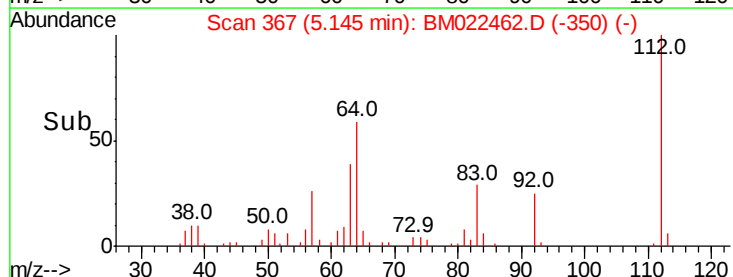
Abundance

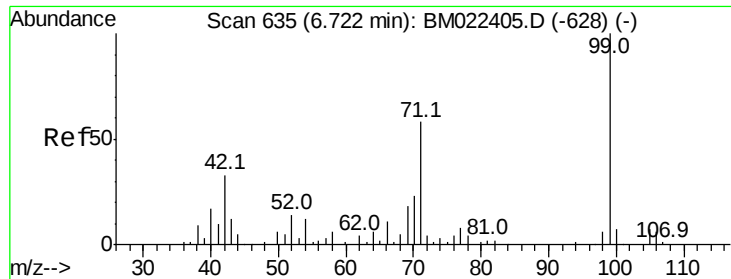
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Time-->





#7

Phenol-d6

Concen: 31.228 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022462.D

Acq: 31 Aug 2019 04:03

Instrument :

BNA_M

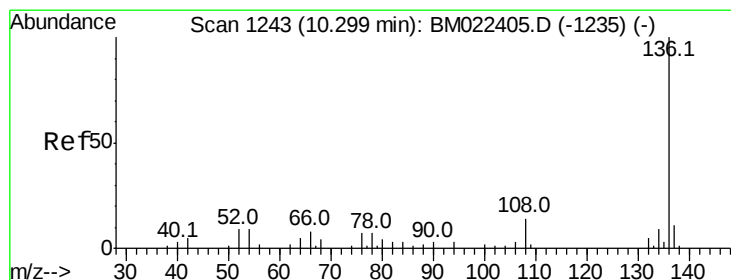
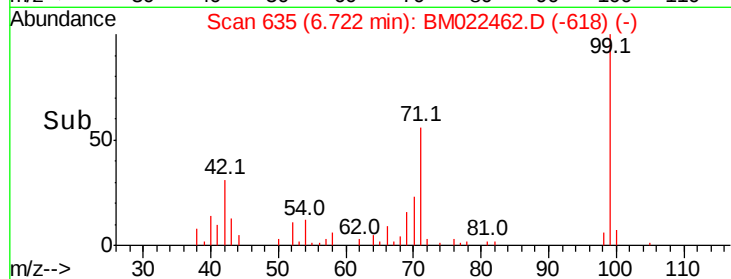
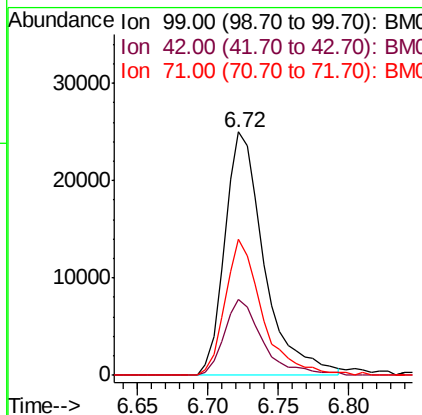
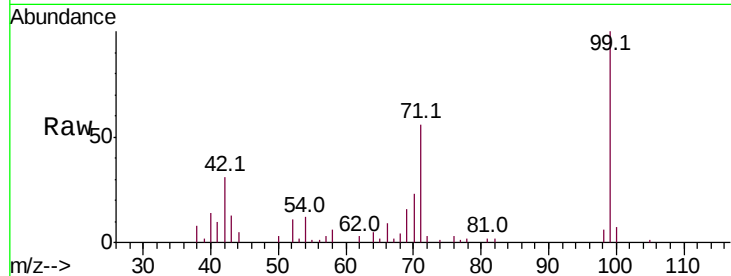
ClientSampleId :

S-1-(1-3)

Tot Ion:	99	Resp:	48739
Ion Ratio	Lower	Upper	
99	100		
42	31.3	26.3	39.5
71	56.0	46.6	69.8

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#21

Naphthalene-d8

Concen: 20.000 ng

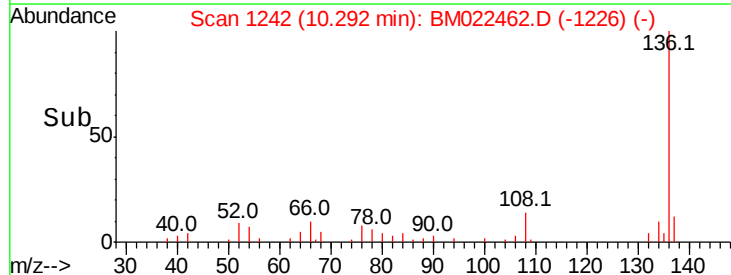
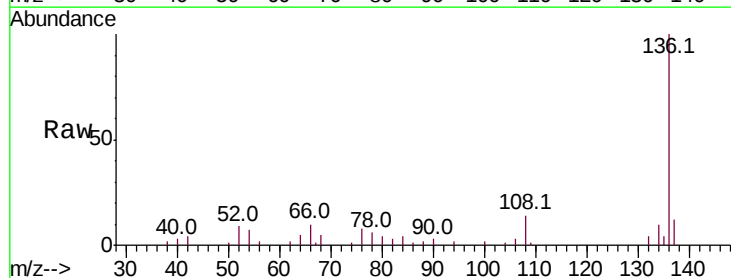
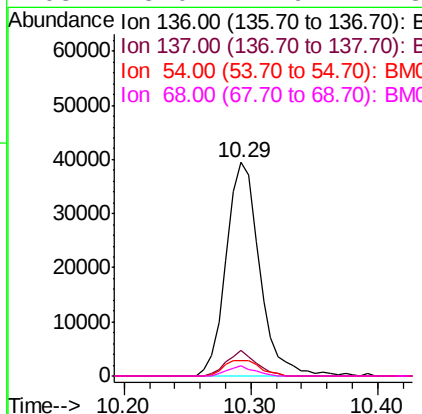
RT: 10.29 min Scan# 1242

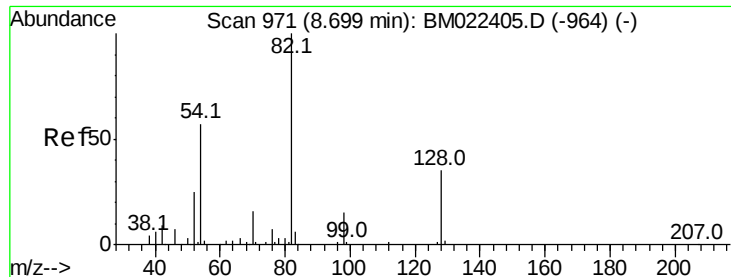
Delta R.T. -0.01 min

Lab File: BM022462.D

Acq: 31 Aug 2019 04:03

Tgt Ion:	136	Resp:	72179
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.6	13.0
54	7.3	7.0	10.6
68	5.0	2.9	4.3#





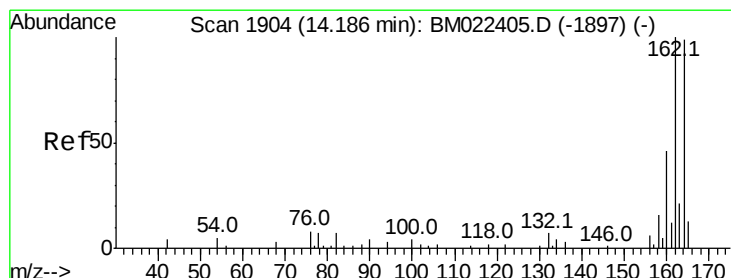
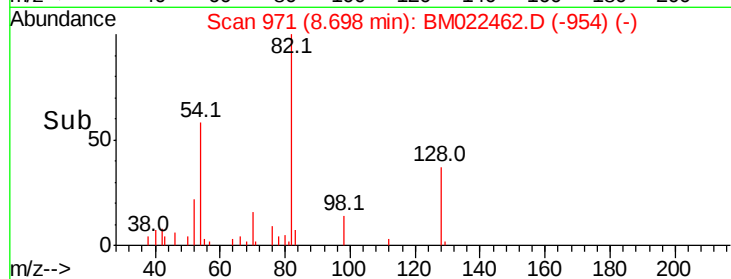
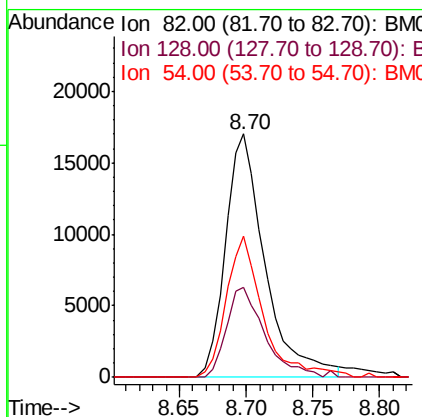
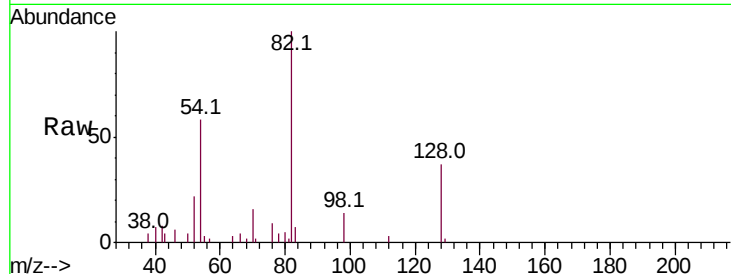
#23
Nitrobenzene-d5
Concen: 21.351 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Instrument :
BNA_M
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	27.9	41.9
54	57.9	45.2	67.8

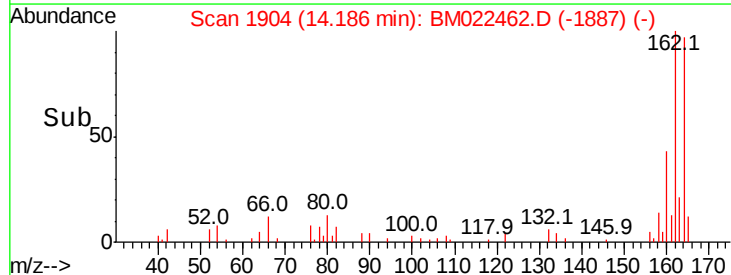
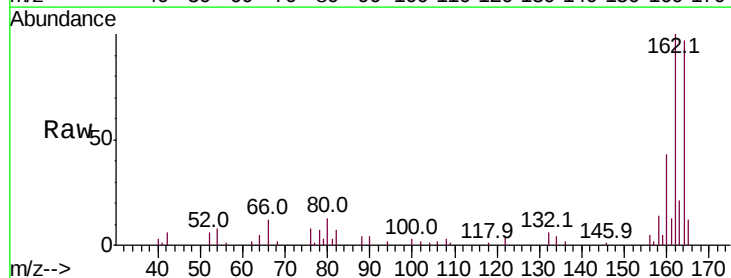
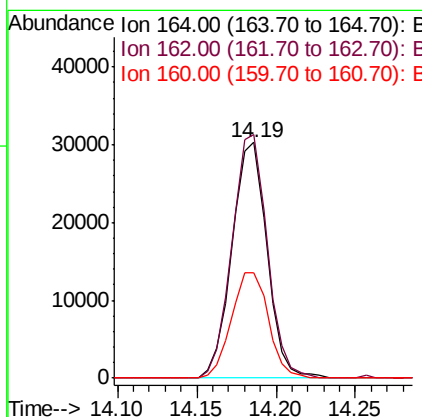
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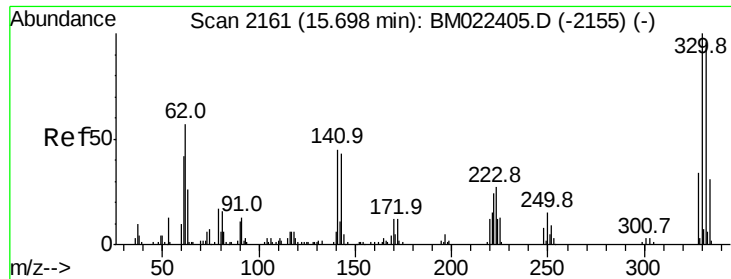
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	121.0
160	44.7	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 26.027 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022462.D

Acq: 31 Aug 2019 04:03

Instrument :

BNA_M

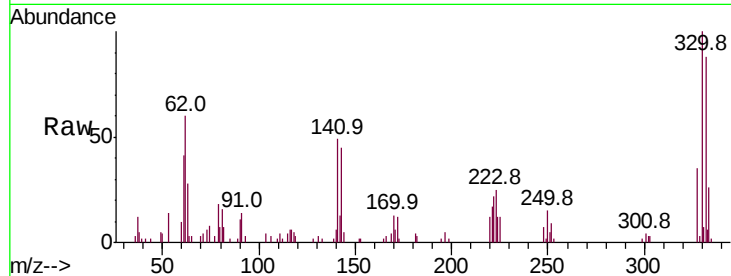
ClientSampled :

S-1-(1-3)

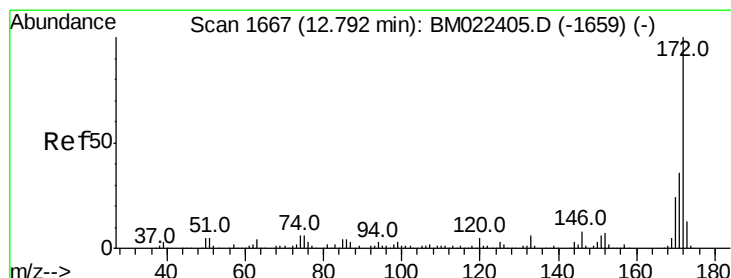
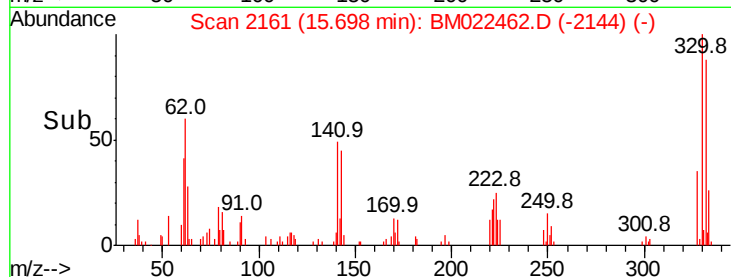
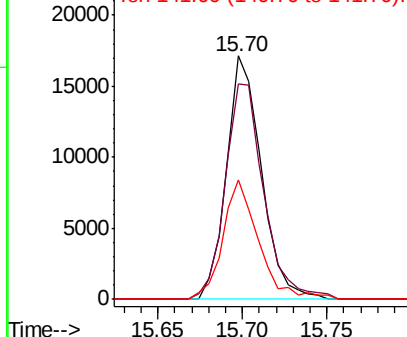
Tot Ion:	330	Resp:	24712
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.8	116.8
141	49.9	35.6	53.4

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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: 18.231 ng

RT: 12.79 min Scan# 1666

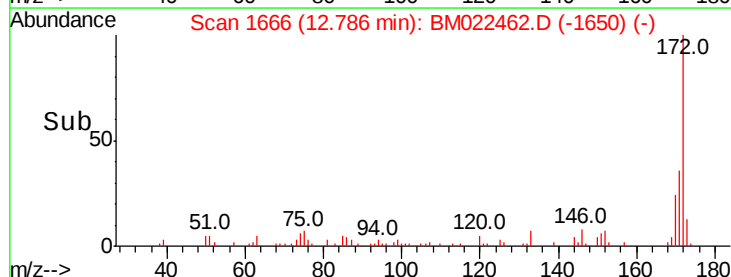
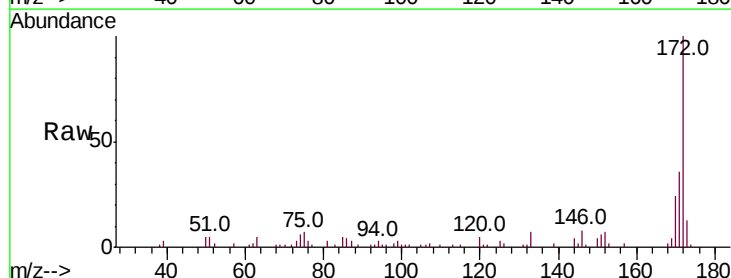
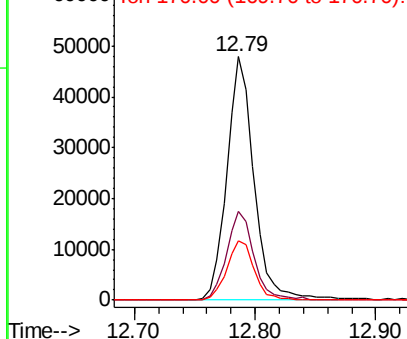
Delta R.T. -0.01 min

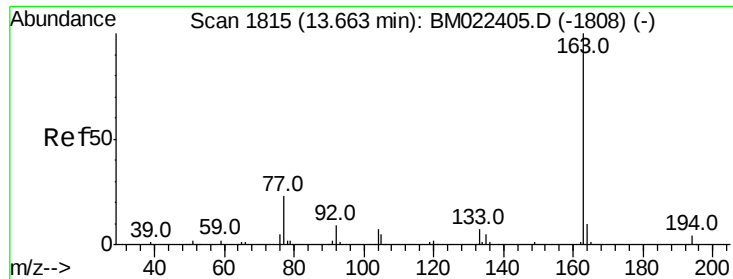
Lab File: BM022462.D

Acq: 31 Aug 2019 04:03

Tgt Ion:	172	Resp:	74675
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.5	42.7
170	24.3	18.9	28.3

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





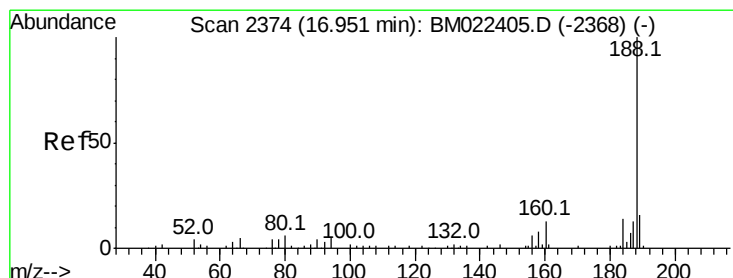
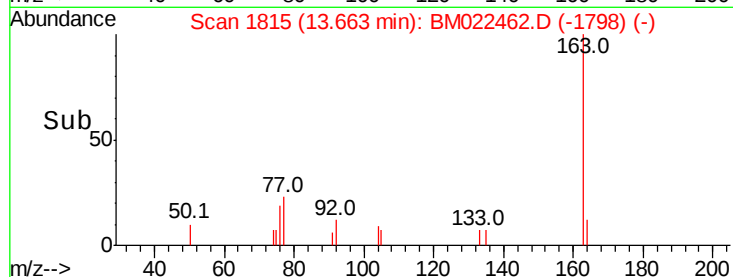
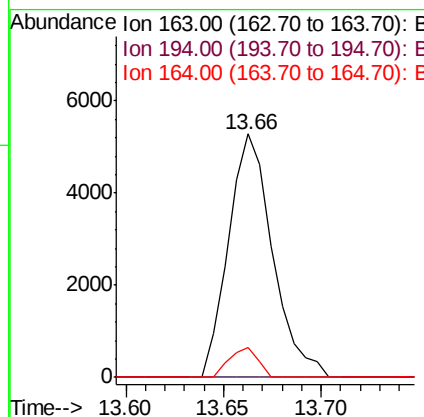
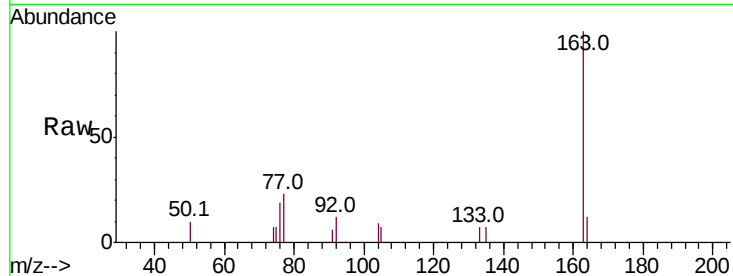
#50
Dimethylphthalate
Concen: 2.050 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Instrument :
BNA_M
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	12.3	8.2	12.2#

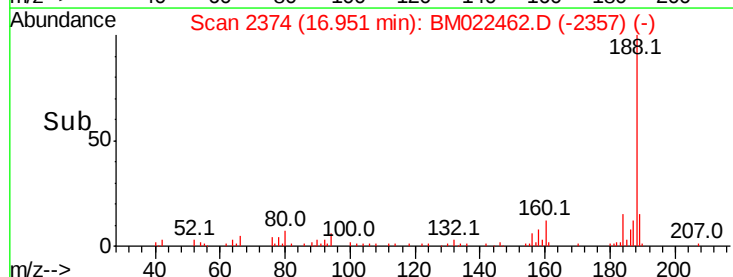
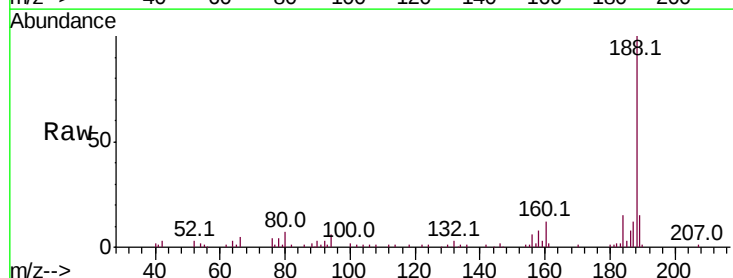
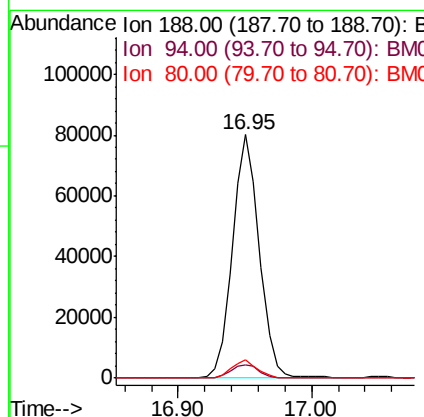
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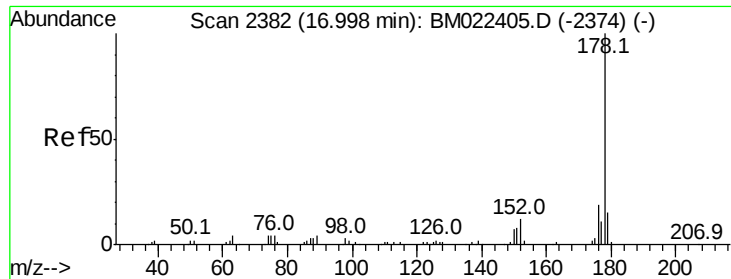
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.4	6.6
80	7.3	5.0	7.6





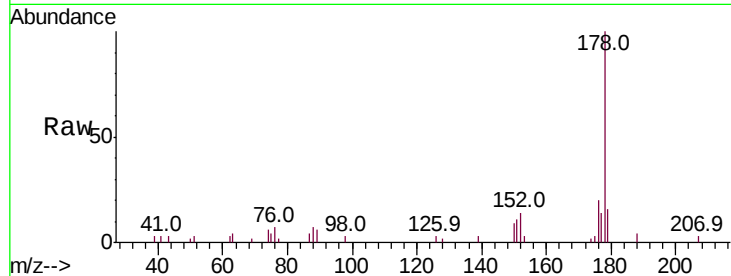
#71
Phenanthrene
Concen: 3.152 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Instrument :
BNA_M
ClientSampleId :
S-1-(1-3)

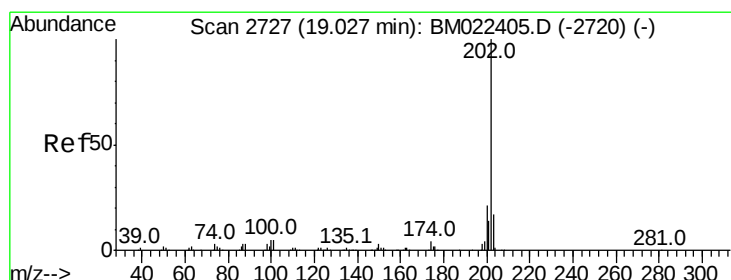
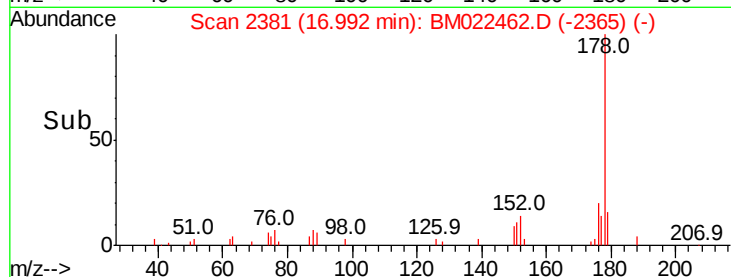
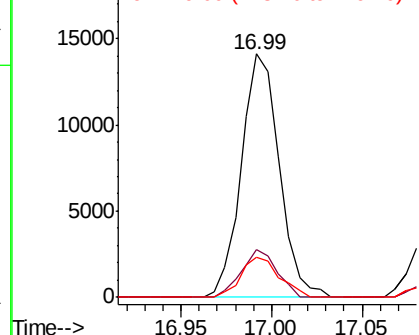
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.5	12.3	18.5

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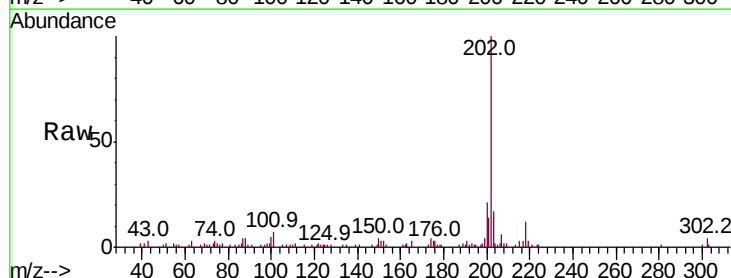


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

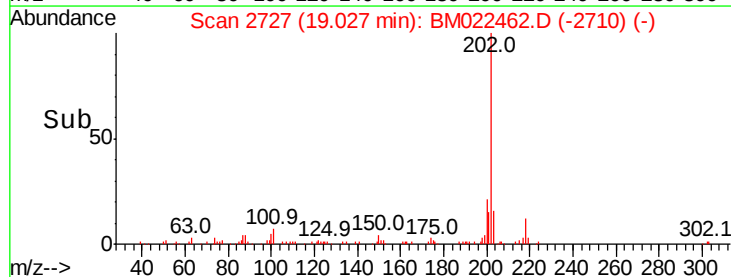
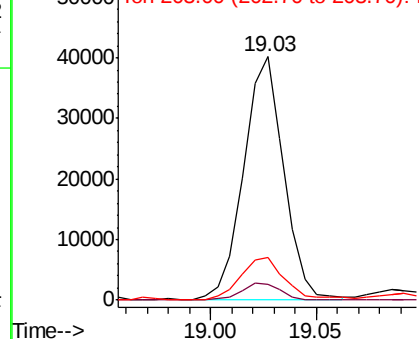


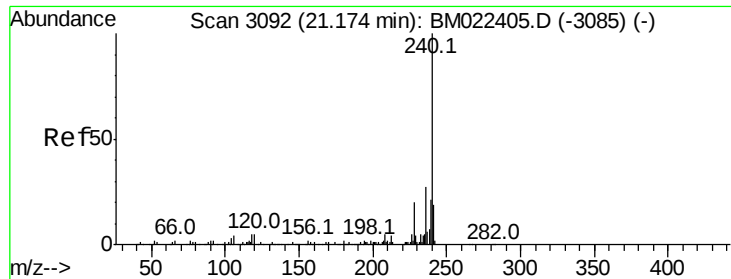
#75
Fluoranthene
Concen: 6.099 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	25.1
203	17.3	0.0	37.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022462.D

Acq: 31 Aug 2019 04:03

Instrument :

BNA_M

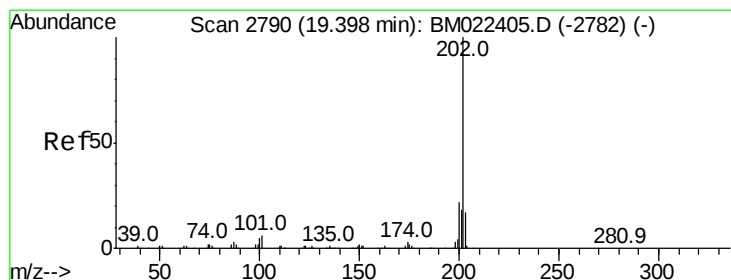
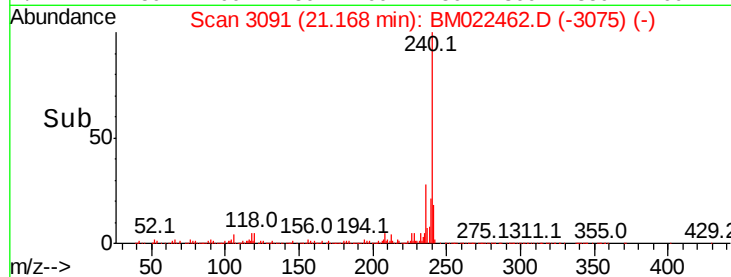
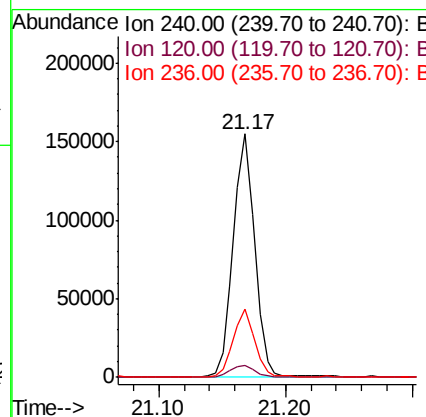
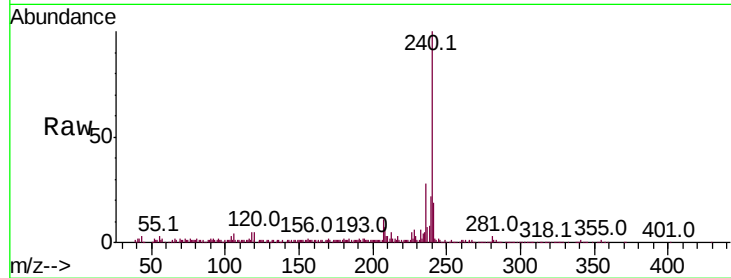
ClientSampleId :

S-1-(1-3)

Tot Ion:	240	Resp:	183308
Ion Ratio	Lower	Upper	
240	100		
120	5.1	3.9	5.9
236	28.0	21.4	32.2

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#78

Pyrene

Concen: 5.102 ng

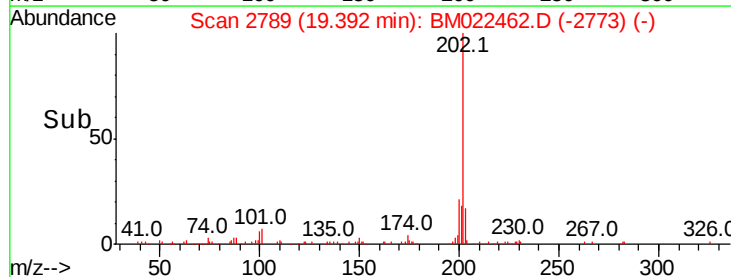
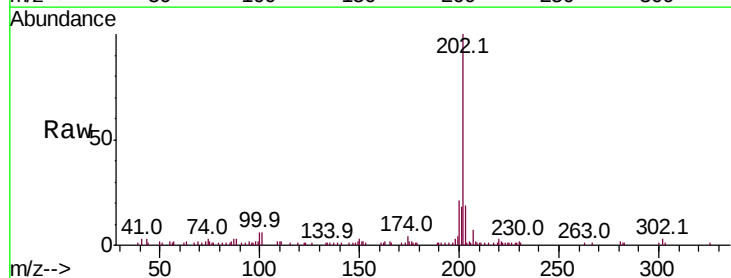
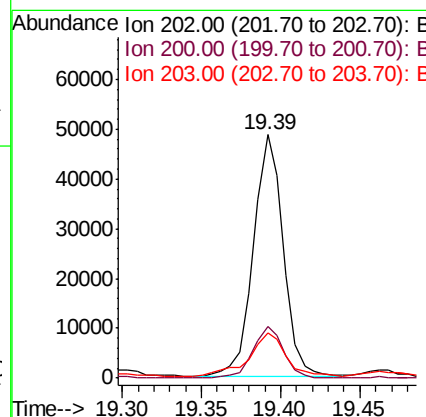
RT: 19.39 min Scan# 2789

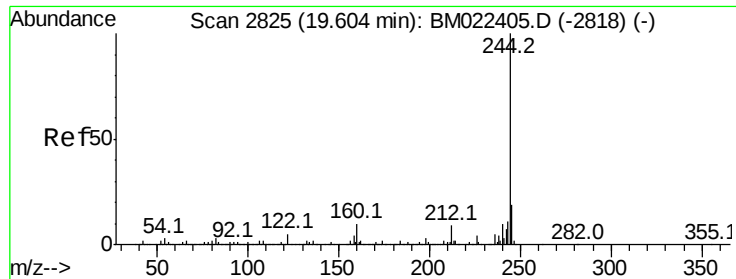
Delta R.T. -0.01 min

Lab File: BM022462.D

Acq: 31 Aug 2019 04:03

Tgt Ion:	202	Resp:	63742
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	18.6	13.8	20.8





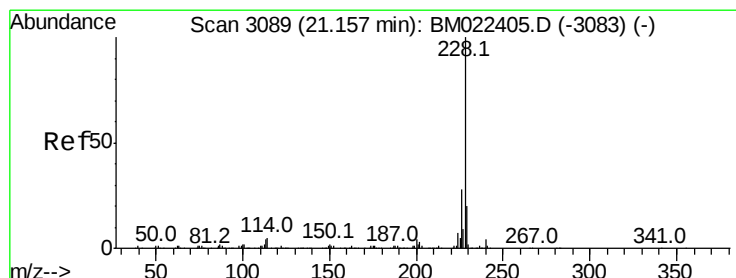
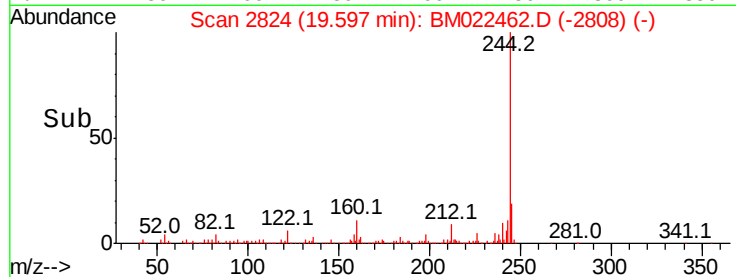
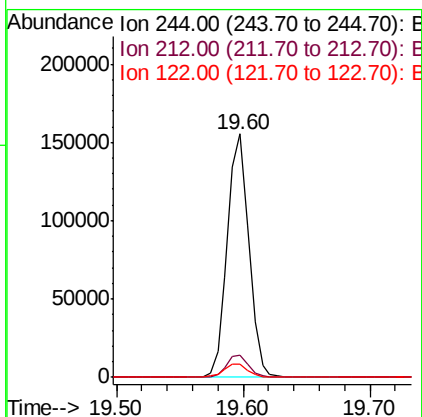
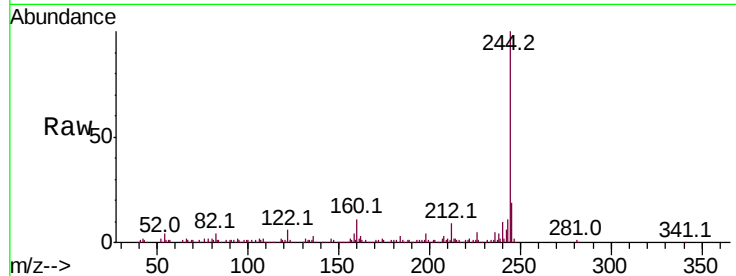
#79
 Terphenyl-d14
 Concen: 13.211 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022462.D
 Acq: 31 Aug 2019 04:03

Instrument :
 BNA_M
 ClientSampleId :
 S-1-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
244	100	183491		
212	8.9	7.0	10.4	
122	5.6	3.9	5.9	

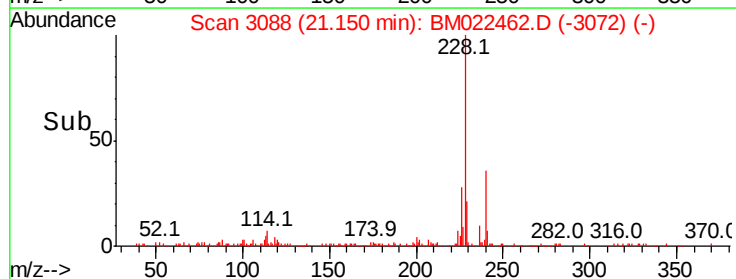
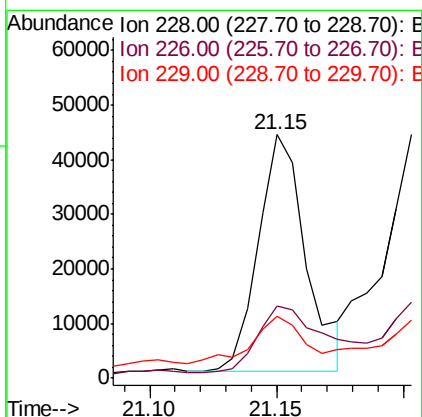
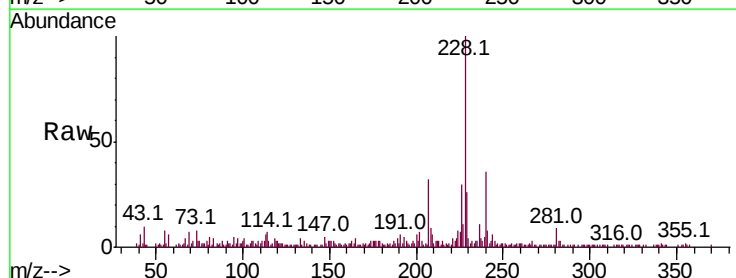
Manual Integrations
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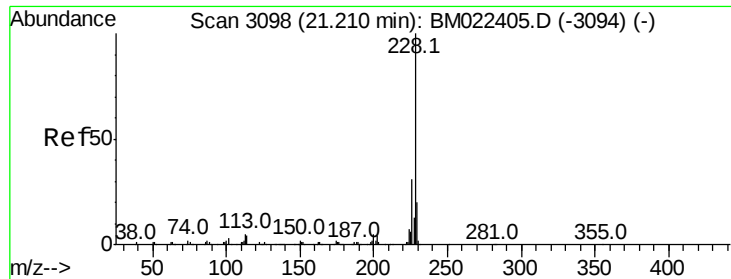
mohammad
 8/31/2019 2:44:11 PM



#81
 Benzo(a)anthracene
 Concen: 4.341 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM022462.D
 Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	57121		
226	29.9	22.6	34.0	
229	25.6	15.9	23.9	





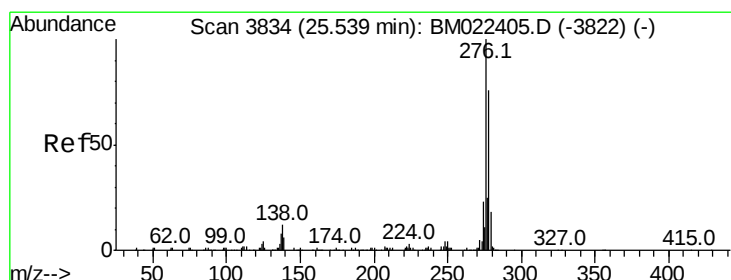
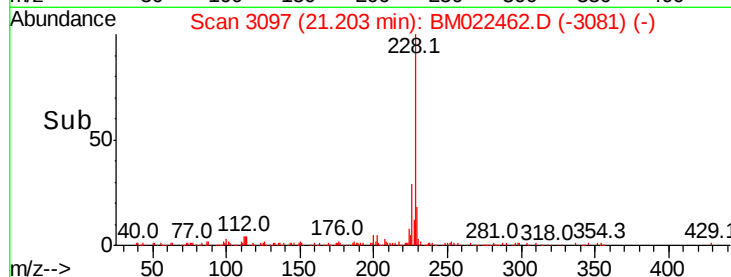
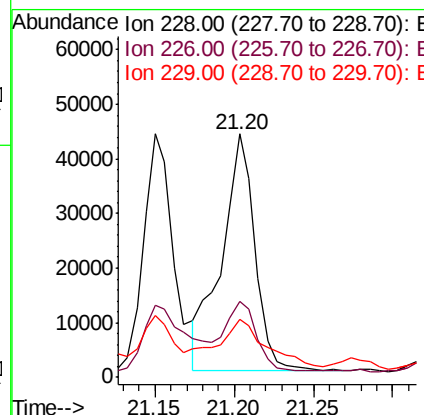
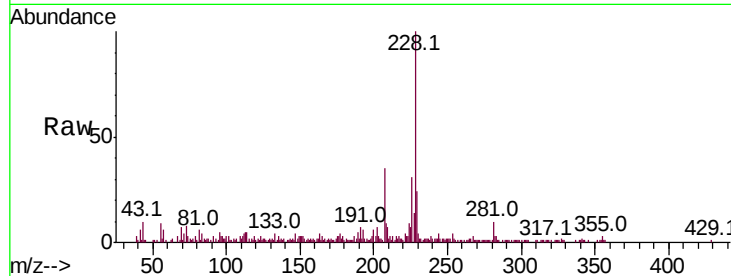
#83
Chrysene
Concen: 5.056 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Instrument :
BNA_M
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	24.0	15.7	23.5

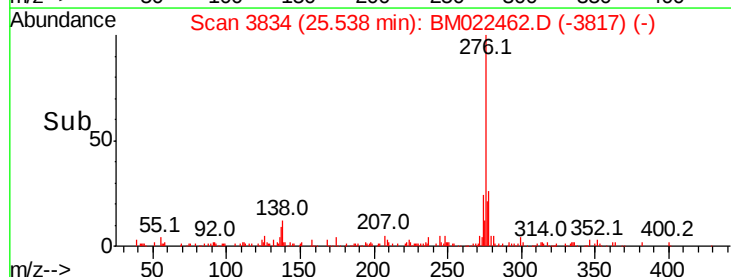
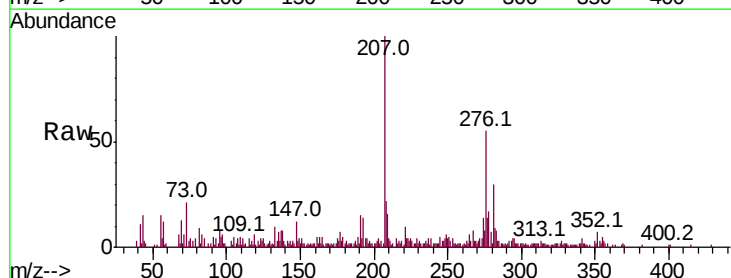
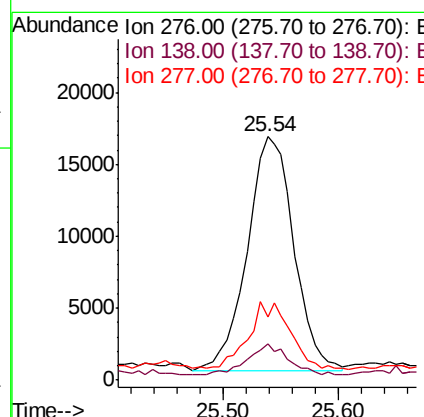
Manual Integrations
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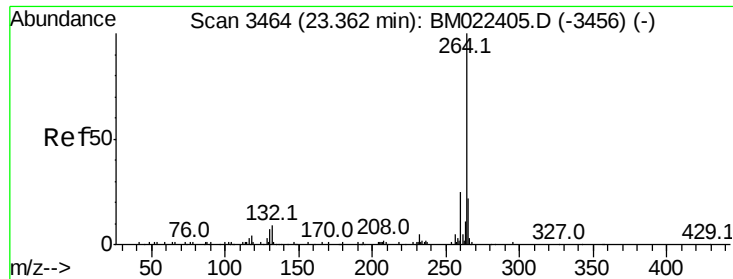
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.607 ng
RT: 25.54 min Scan# 3834
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.5	9.1	13.7
277	25.3	20.0	30.0





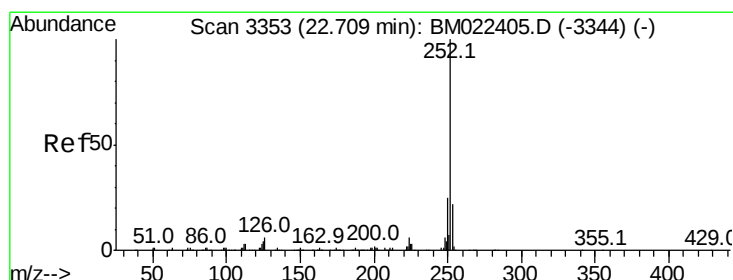
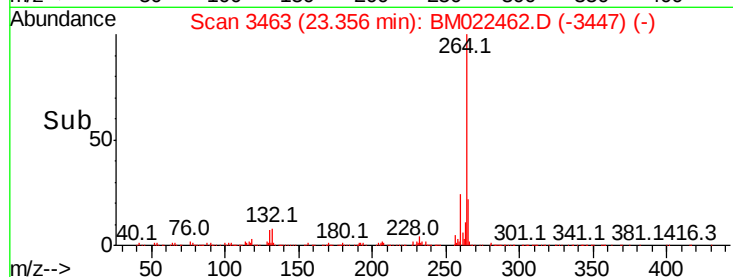
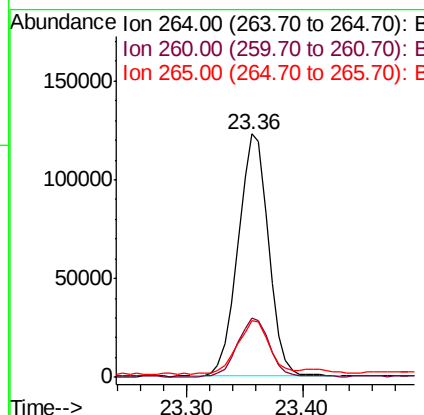
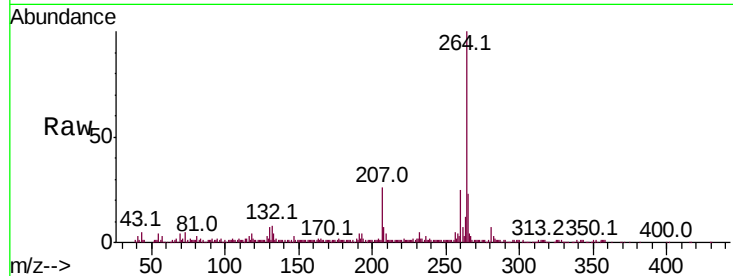
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Instrument :
BNA_M
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	23.0	18.2	27.2

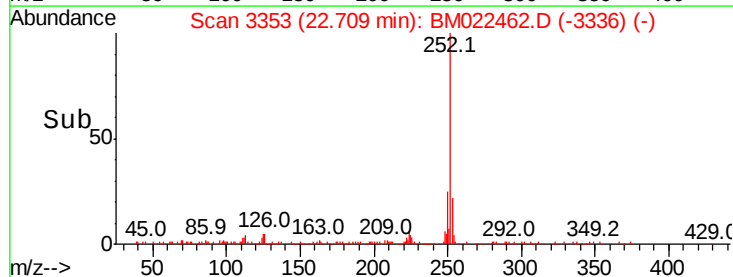
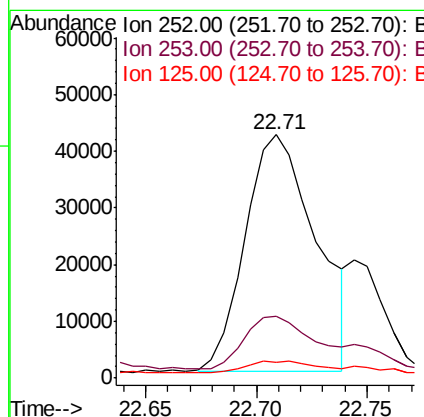
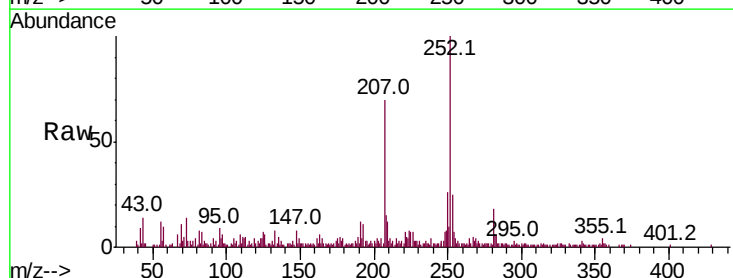
Manual Integrations
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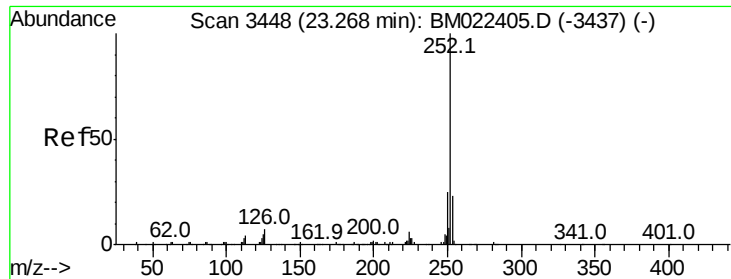
mohammad
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#88
Benzo(b)fluoranthene
Concen: 5.980 ng m
RT: 22.71 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	6.7	3.5	5.3





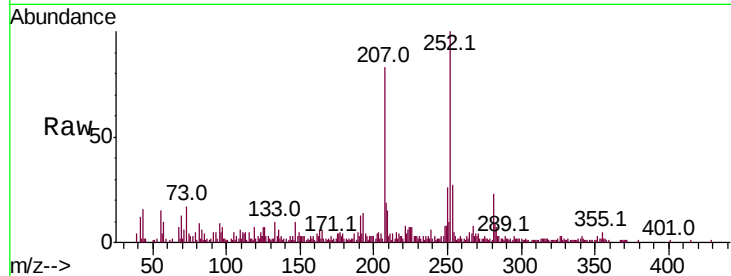
#90
Benzo(a)pyrene
Concen: 4.325 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Instrument :
BNA_M
ClientSampled :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.2	27.2
125	6.6	3.8	5.8

Manual Integrations
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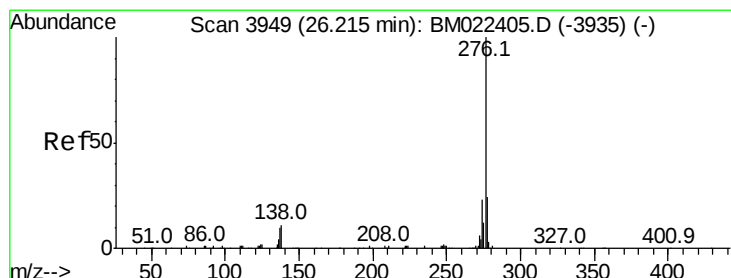
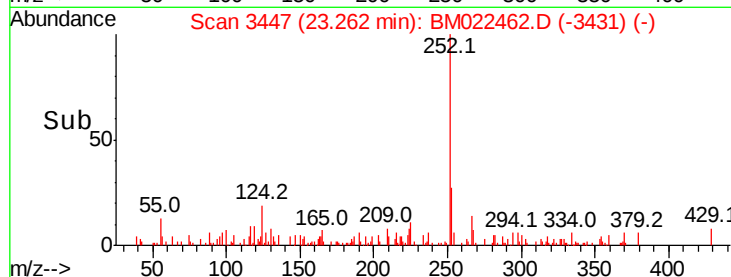
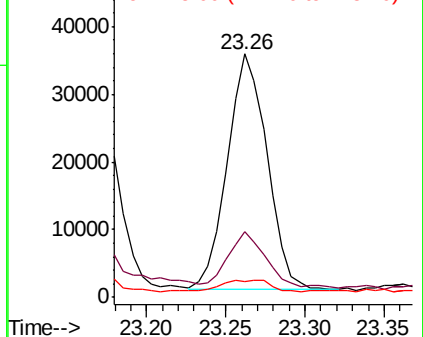


Abundance

Ion 252.00 (251.70 to 252.70): E

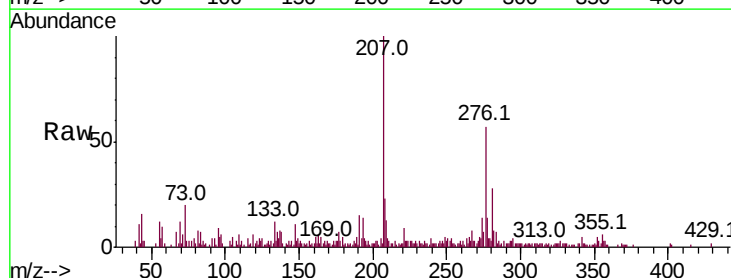
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.210 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.01 min
Lab File: BM022462.D
Acq: 31 Aug 2019 04:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	12.9	8.8	13.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

