

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029623.D
 Acq On : 23 Apr 2021 21:20
 Operator : CG/JU
 Sample : M2107-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-35-10.5-11.0

Manual Integrations
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Quant Time: Apr 26 02:10:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	86989	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	311334	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	204054	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	432073	20.00	ng	0.00
76) Chrysene-d12	21.203	240	480413	20.00	ng	0.00
86) Perylene-d12	23.397	264	503775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	365077	84.14	ng	0.00
7) Phenol-d6	6.810	99	454886	70.19	ng	0.00
23) Nitrobenzene-d5	8.786	82	305488	50.54	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	211694	75.02	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	720716	47.94	ng	0.00
79) Terphenyl-d14	19.656	244	1056799	41.70	ng	0.00
Target Compounds						
31) Naphthalene	10.463	128	127425	7.96	ng	Qvalue 98
75) Fluoranthene	19.080	202	80269	2.66	ng	97
78) Pyrene	19.445	202	75889	2.46	ng	97
83) Chrysene	21.239	228	64043	2.05	ng	# 87
88) Benzo(b)fluoranthene	22.739	252	65805m	2.00	ng	

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

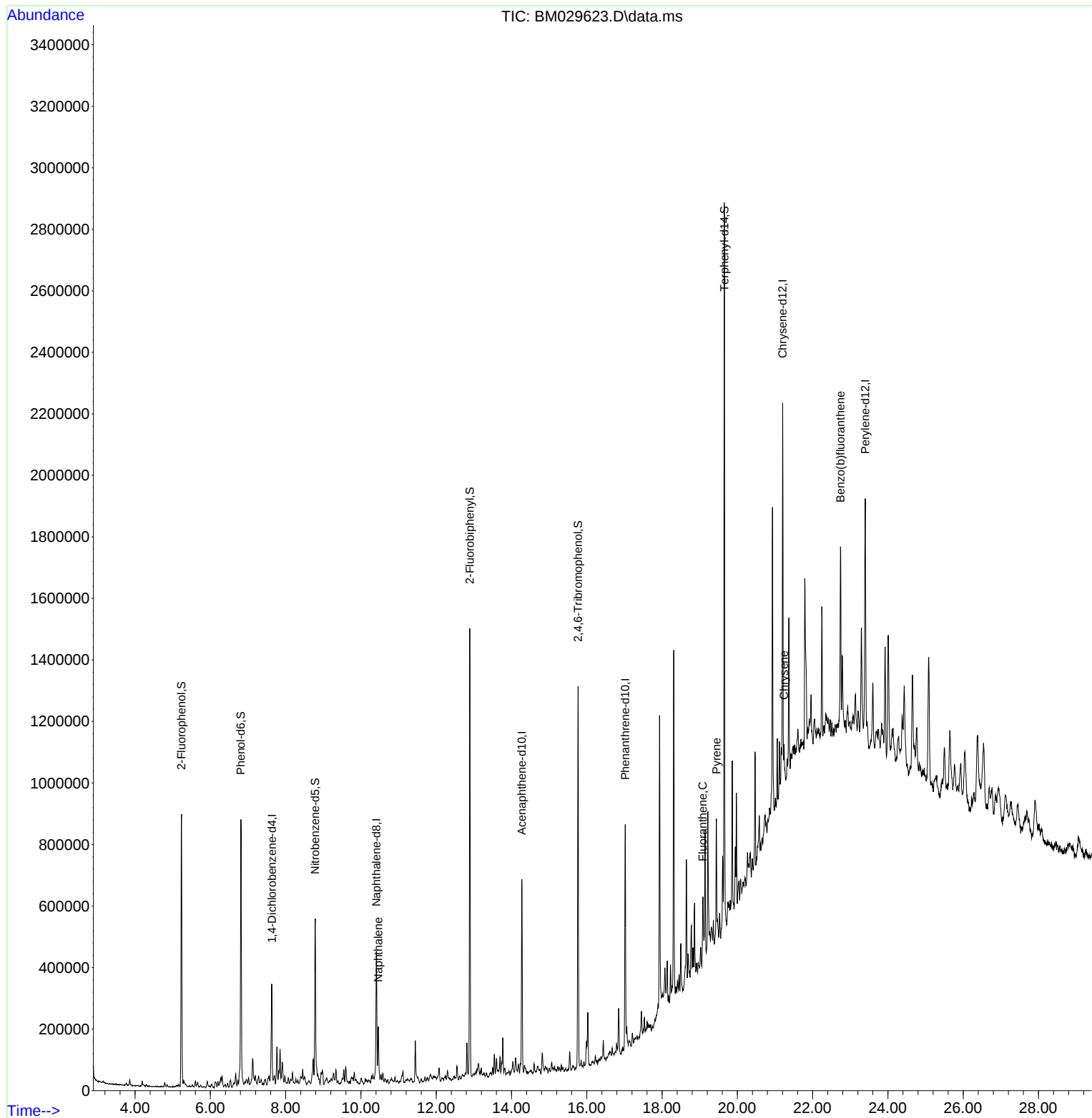
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Data File : BM029623.D
Acq On : 23 Apr 2021 21:20
Operator : CG/JU
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ALS Vial : 11 Sample Multiplier: 1

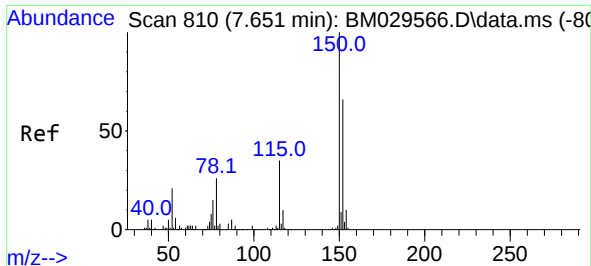
Instrument :
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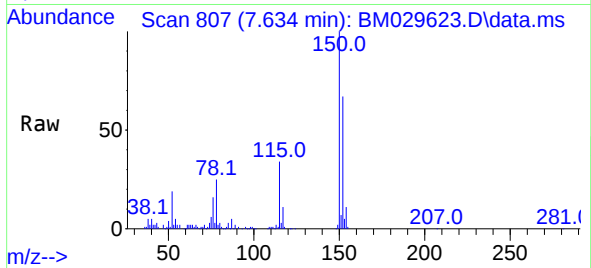
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Quant Time: Apr 26 02:10:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

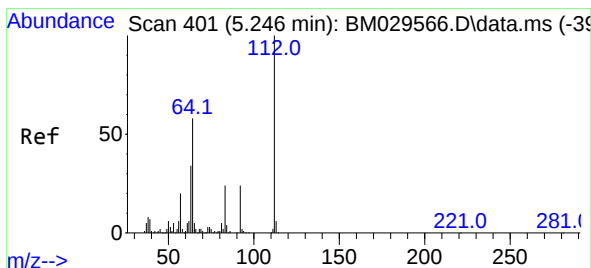
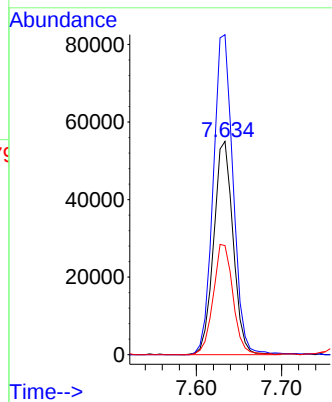
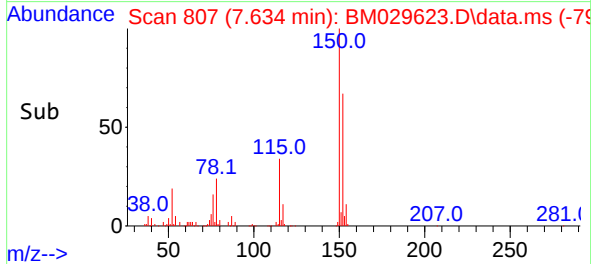




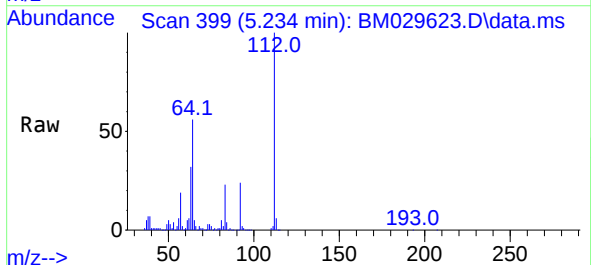
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20



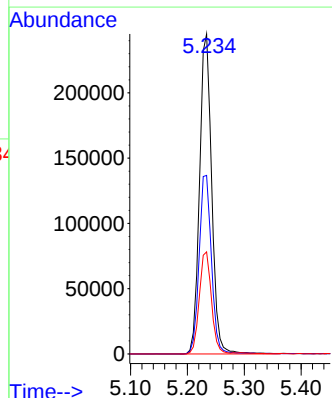
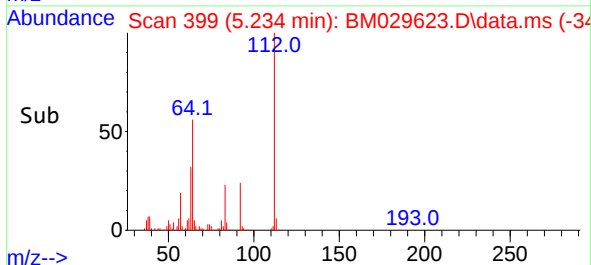
Tgt Ion:152 Resp: 86989
Ion Ratio Lower Upper
152 100
150 150.1 125.9 188.9
115 51.2 44.6 67.0



#5
2-Fluorophenol
Concen: 84.14 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20



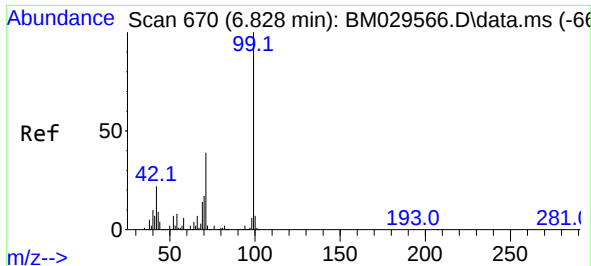
Tgt Ion:112 Resp: 365077
Ion Ratio Lower Upper
112 100
64 55.8 47.1 70.7
63 31.9 27.3 40.9



Instrument :
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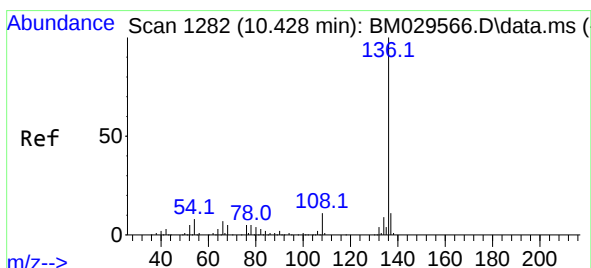
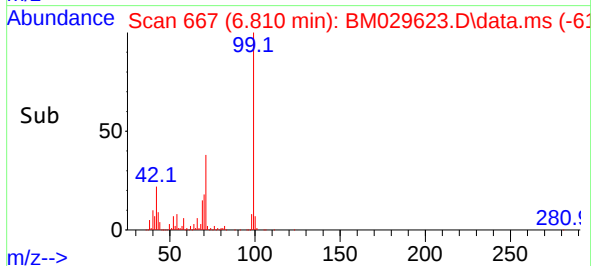
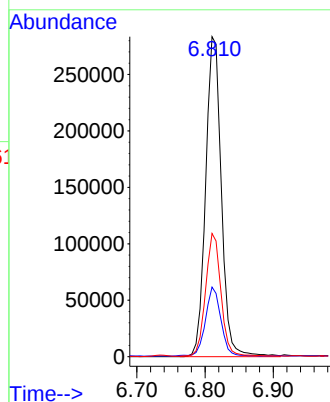
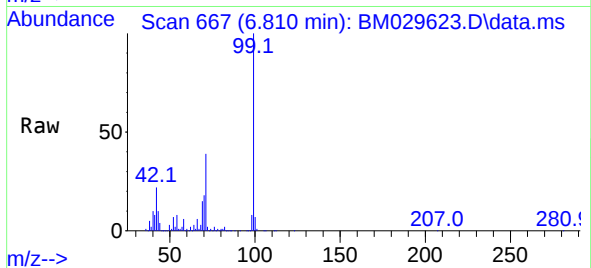
#7
Phenol-d6
Concen: 70.19 ng
RT: 6.810 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:	99	Resp:	454886
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.0	27.0
71	38.5	30.9	46.3

Instrument :
BNA_M
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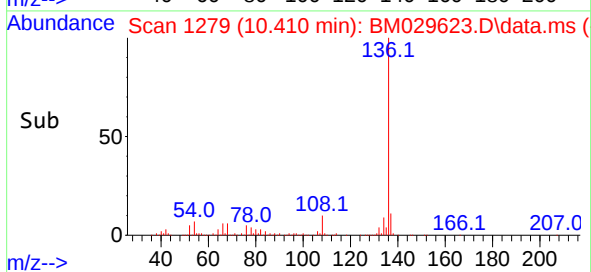
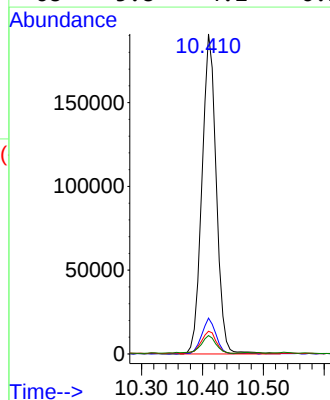
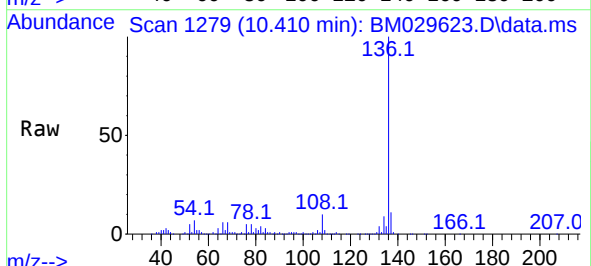
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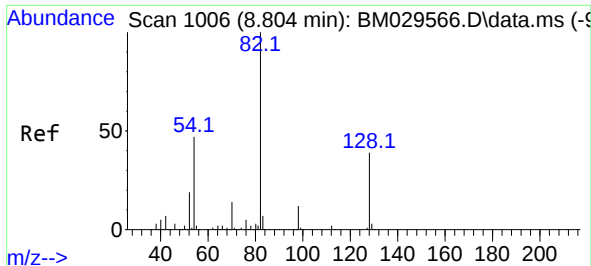
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:	136	Resp:	311334
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.1	5.5	8.3
68	5.8	4.2	6.2





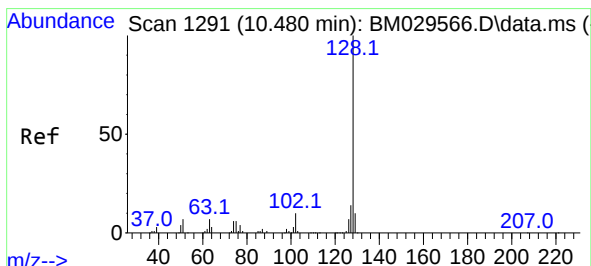
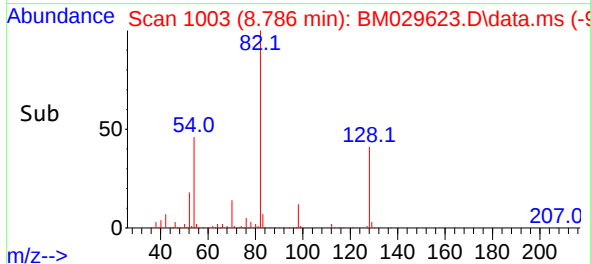
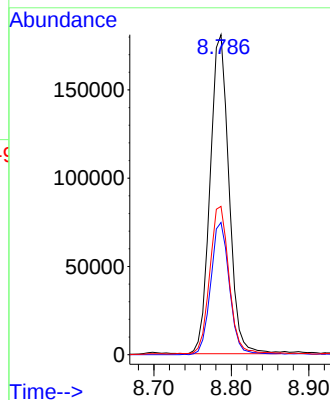
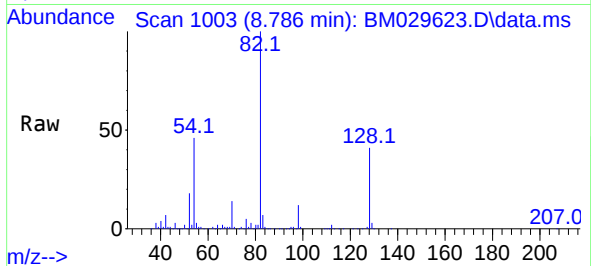
#23
Nitrobenzene-d5
Concen: 50.54 ng
RT: 8.786 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion: 82 Resp: 305488
Ion Ratio Lower Upper
82 100
128 41.3 31.1 46.7
54 46.4 37.3 55.9

Instrument :
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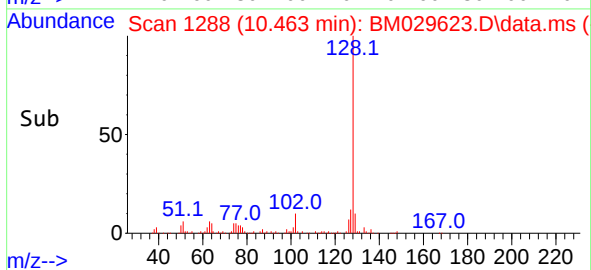
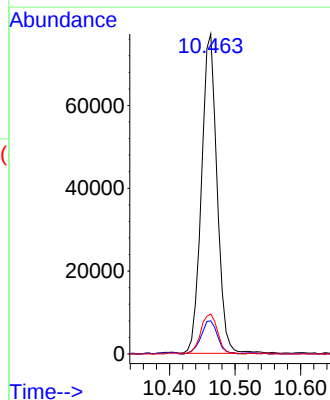
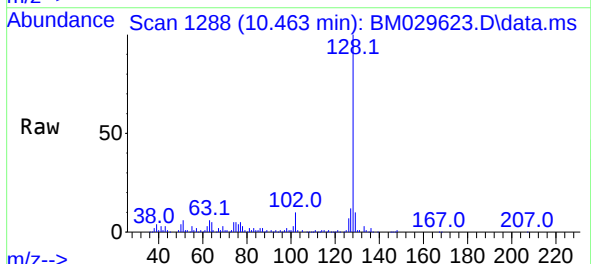
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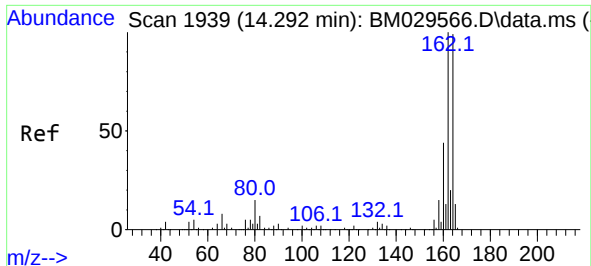
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#31
Naphthalene
Concen: 7.96 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

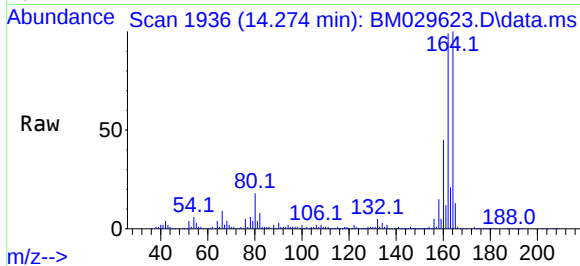
Tgt Ion: 128 Resp: 127425
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.5 10.8 16.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

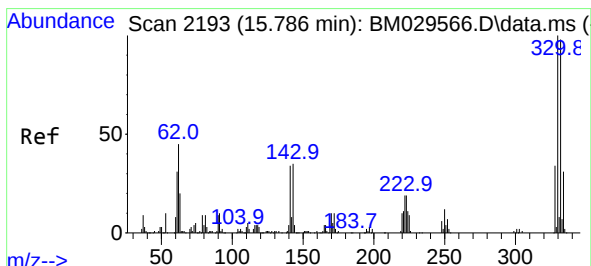
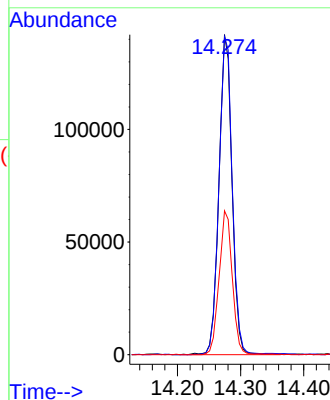
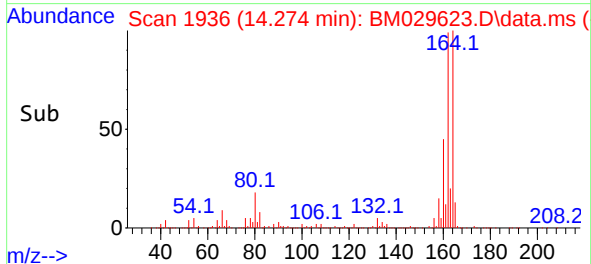
Instrument :
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ClientSampleId :
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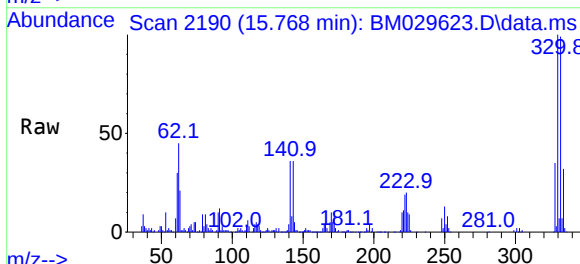
Tgt Ion:164 Resp: 204054
Ion Ratio Lower Upper
164 100
162 99.4 83.4 125.0
160 45.0 37.2 55.8

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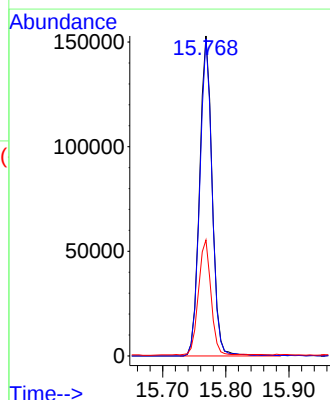
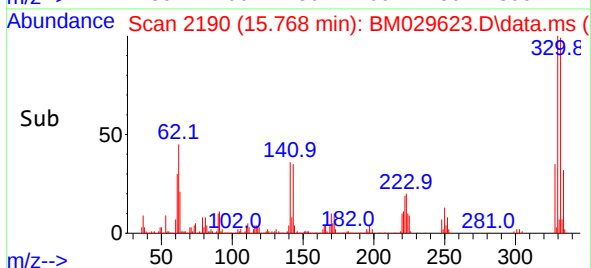
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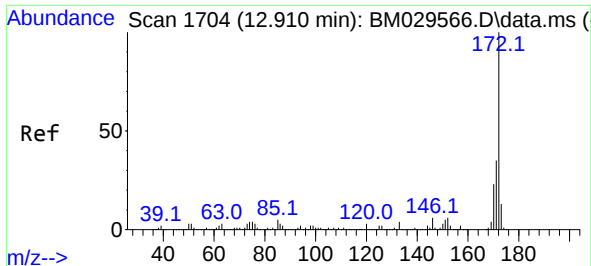


#42
2,4,6-Tribromophenol
Concen: 75.02 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20



Tgt Ion:330 Resp: 211694
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.1 30.2 45.2





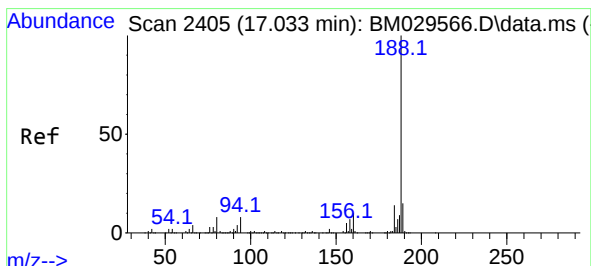
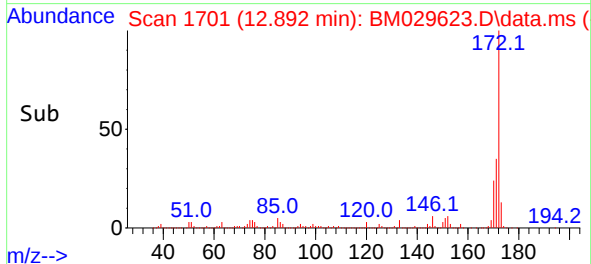
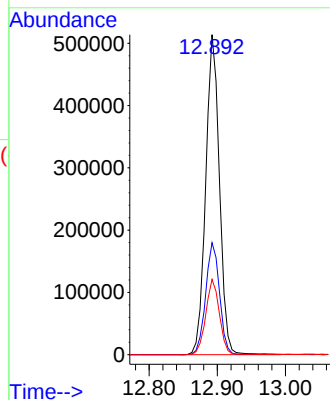
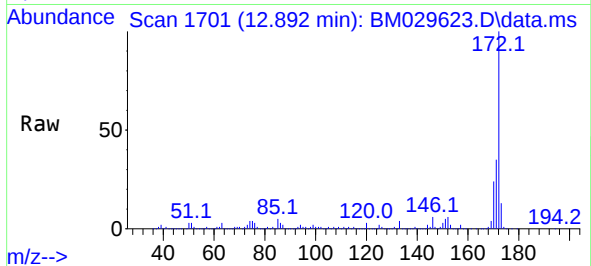
#45
2-Fluorobiphenyl
Concen: 47.94 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:172 Resp: 720716
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 18.4 27.6

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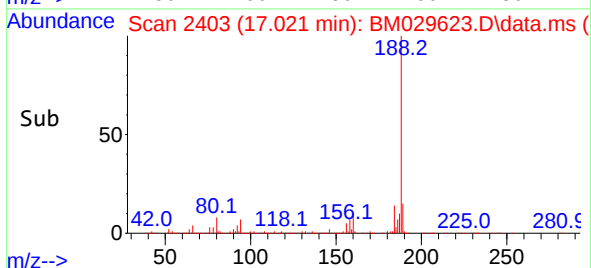
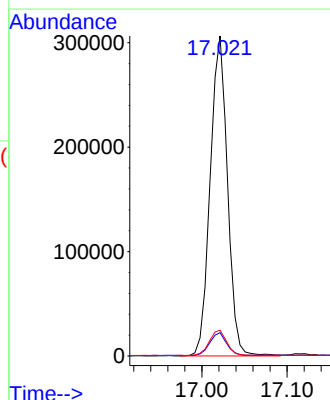
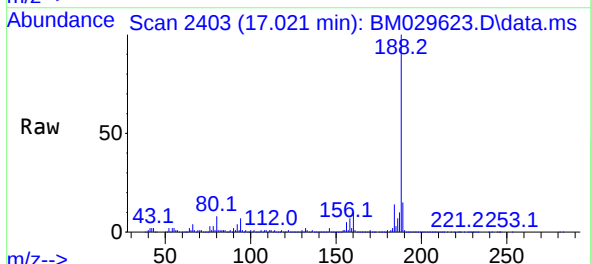
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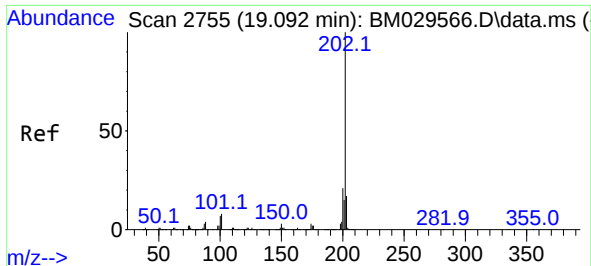
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:188 Resp: 432073
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.0 6.6 9.8





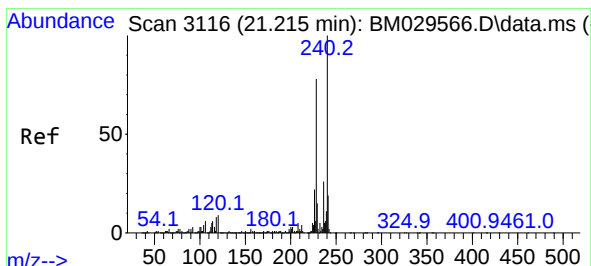
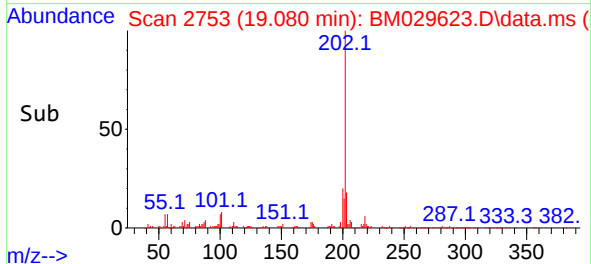
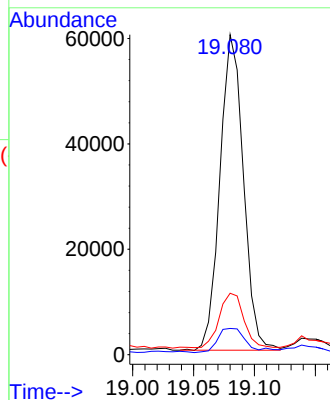
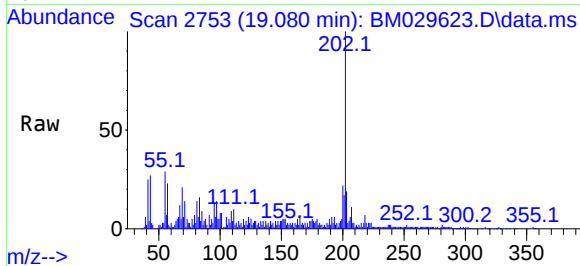
#75
Fluoranthene
Concen: 2.66 ng
RT: 19.080 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:	202	Resp:	80269
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	28.6
203	19.2	0.0	37.3

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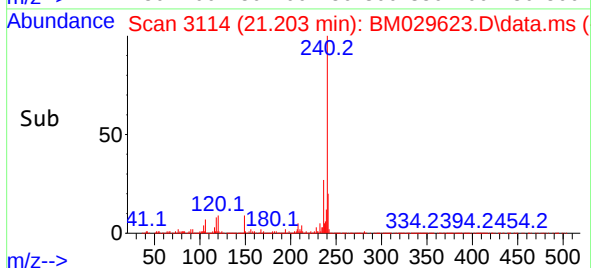
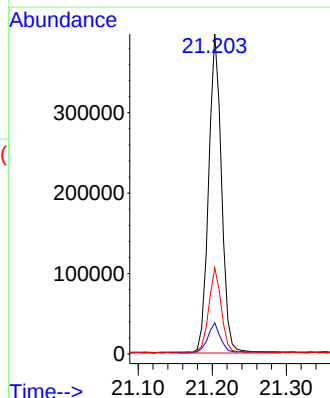
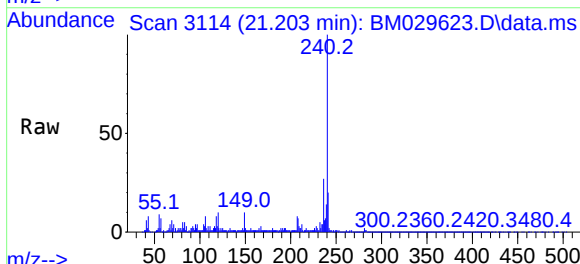
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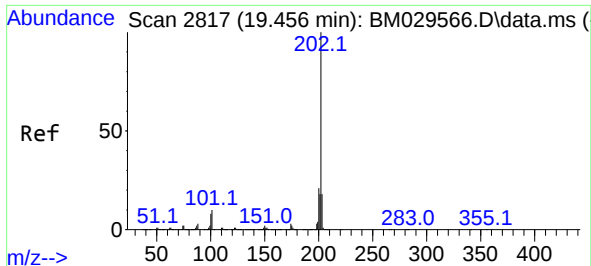
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

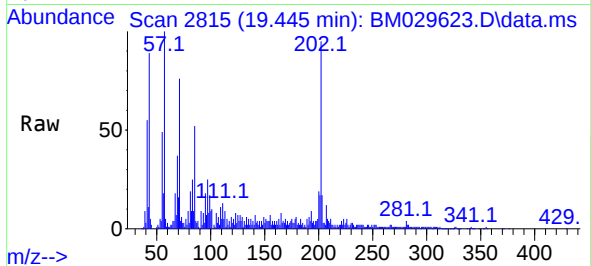
Tgt Ion:	240	Resp:	480413
Ion Ratio	Lower	Upper	
240	100		
120	9.7	7.0	10.6
236	26.9	21.0	31.4





#78
Pyrene
Concen: 2.46 ng
RT: 19.445 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

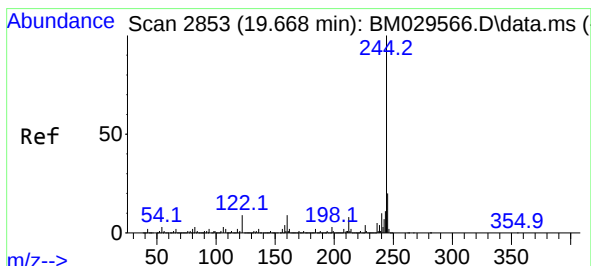
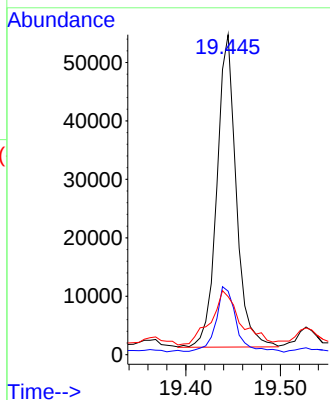
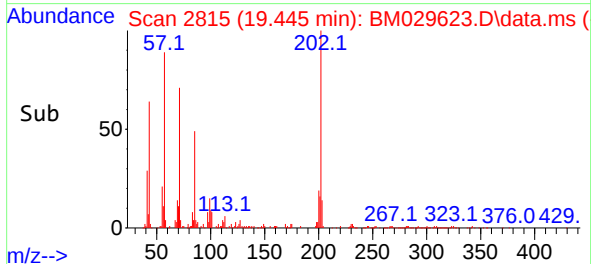
Instrument :
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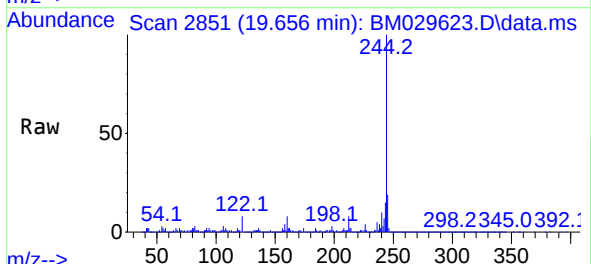
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Ion Ratio Lower Upper
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203 18.2 13.9 20.9

Manual Integrations
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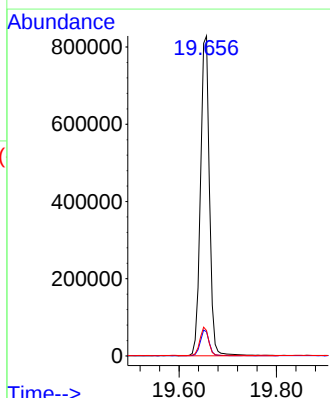
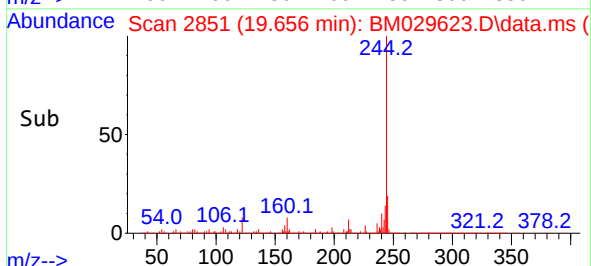
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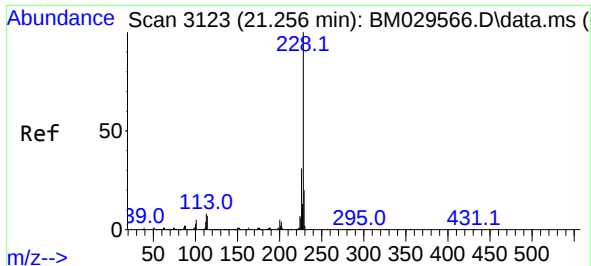


#79
Terphenyl-d14
Concen: 41.70 ng
RT: 19.656 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20



Tgt Ion:244 Resp: 1056799
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 7.9 6.9 10.3





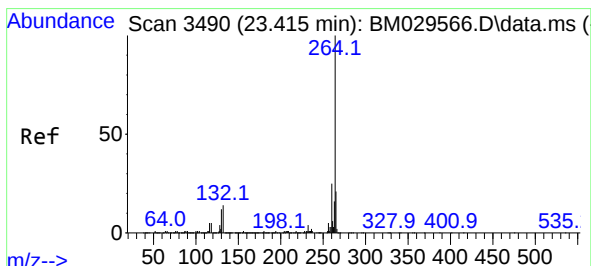
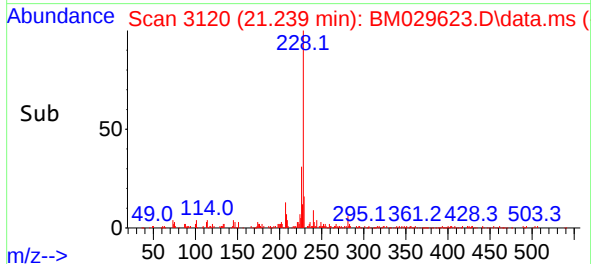
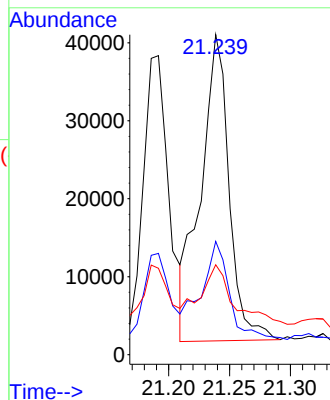
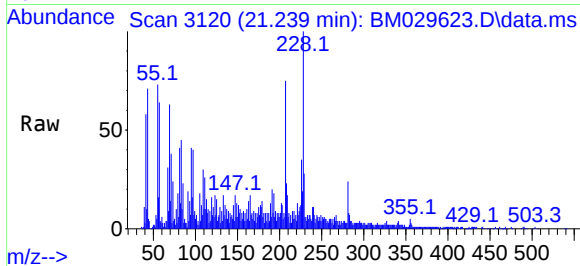
#83
Chrysene
Concen: 2.05 ng
RT: 21.239 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:	228	Resp:	64043
Ion Ratio	Lower	Upper	
228	100		
226	35.4	24.6	36.8
229	28.1	15.5	23.3#

Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

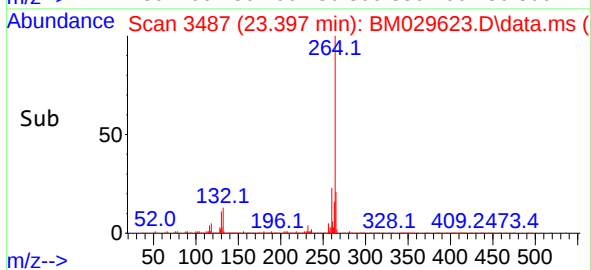
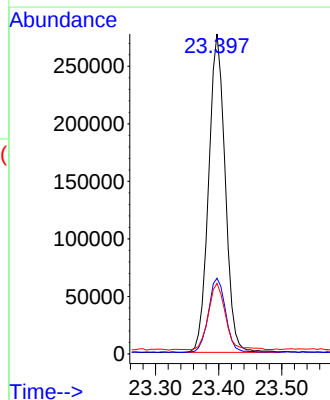
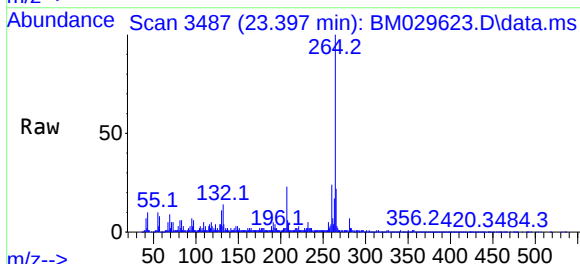
Manual Integrations
APPROVED

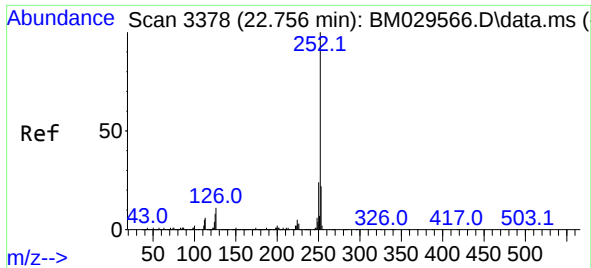
mohammad
4/26/2021 11:36:26 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.397 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:	264	Resp:	503775
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.8	29.8
265	22.1	17.7	26.5





#88
Benzo(b)fluoranthene
Concen: 2.00 ng m
RT: 22.739 min Scan# 3375
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:252 Resp: 65805
Ion Ratio Lower Upper
252 100
253 41.0 17.4 26.0#
125 35.3 6.8 10.2#

Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

Manual Integrations
APPROVED

mohammad
4/26/2021 11:36:26 AM

