

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029683.D
 Acq On : 27 Apr 2021 20:52
 Operator : CG/JU
 Sample : M2187-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-II

Manual Integrations
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mohammad
 4/28/2021 11:00:48 AM

Quant Time: Apr 28 01:23:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	81223	20.00	ng	-0.01
21) Naphthalene-d8	10.392	136	292618	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	200343	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	453495	20.00	ng	0.00
76) Chrysene-d12	21.192	240	517776	20.00	ng	0.00
86) Perylene-d12	23.380	264	556898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	54755	13.52	ng	0.00
7) Phenol-d6	6.793	99	69520	11.49	ng	0.00
23) Nitrobenzene-d5	8.769	82	44683	7.86	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	22483	8.11	ng	0.00
45) 2-Fluorobiphenyl	12.875	172	140715	9.53	ng	-0.01
79) Terphenyl-d14	19.639	244	235437	8.62	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.045	178	104535	4.00	ng	99
75) Fluoranthene	19.068	202	215128	6.79	ng	98
78) Pyrene	19.427	202	201981	6.06	ng	97
81) Benzo(a)anthracene	21.174	228	111968	3.27	ng	97
83) Chrysene	21.227	228	98756m	2.93	ng	
88) Benzo(b)fluoranthene	22.727	252	126292m	3.48	ng	
90) Benzo(a)pyrene	23.280	252	99118	2.91	ng	# 89

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

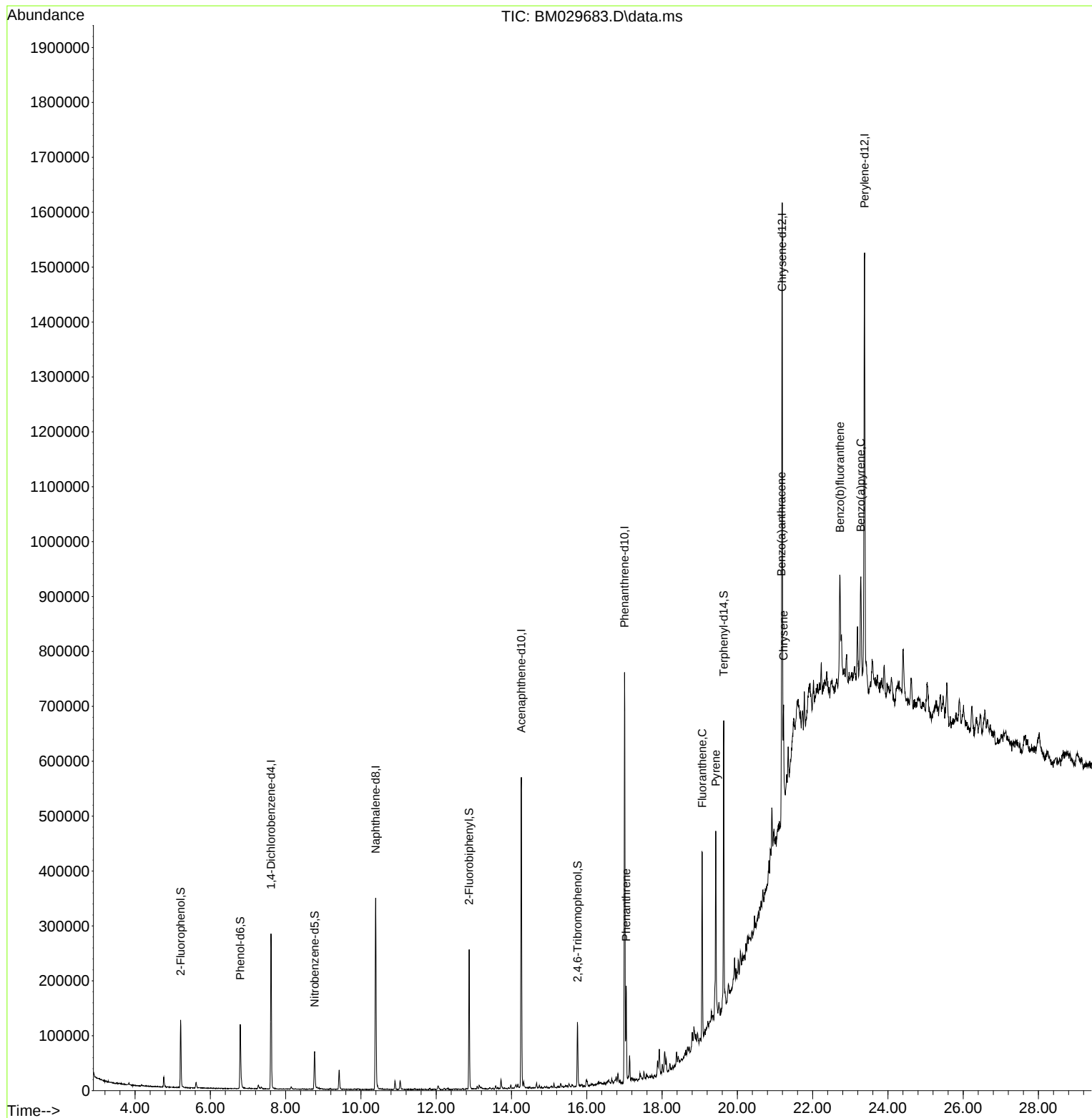
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Data File : BM029683.D
Acq On : 27 Apr 2021 20:52
Operator : CG/JU
Sample : M2187-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

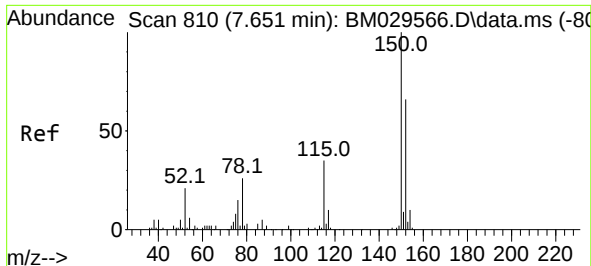
Instrument :
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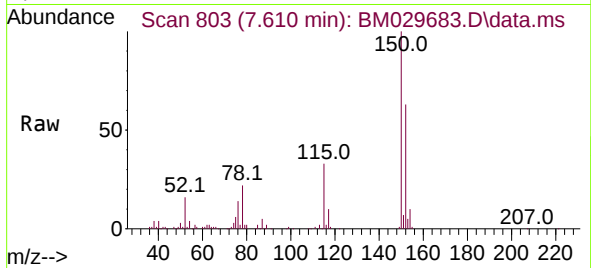
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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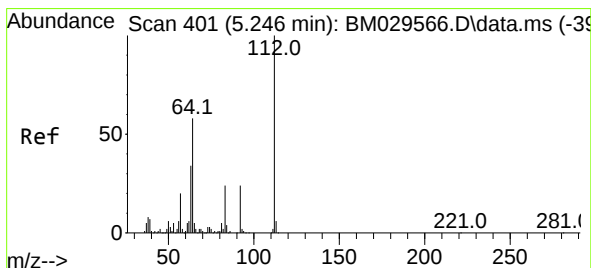
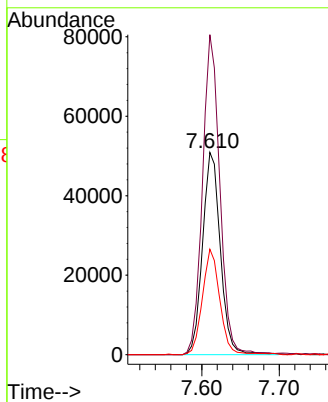
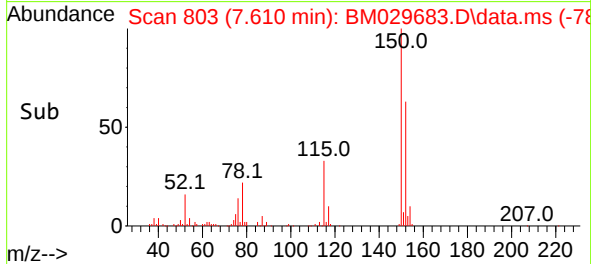




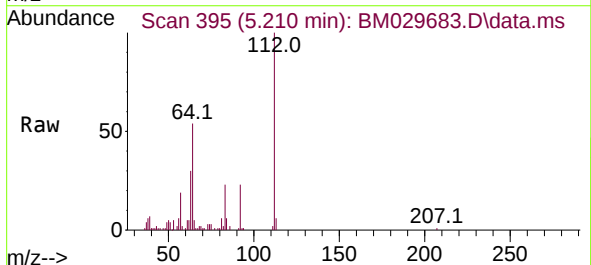
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.012 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52



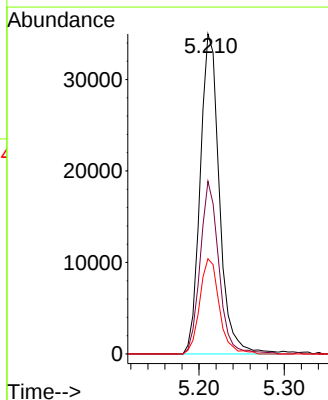
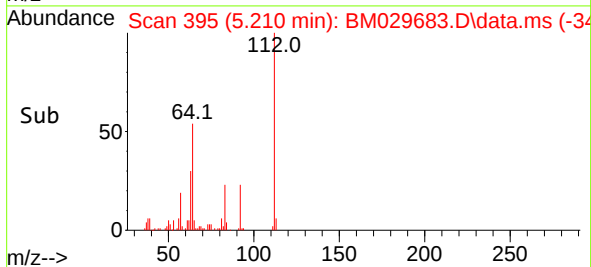
Tgt Ion:152 Resp: 81223
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 52.2 44.6 67.0



#5
2-Fluorophenol
Concen: 13.52 ng
RT: 5.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52



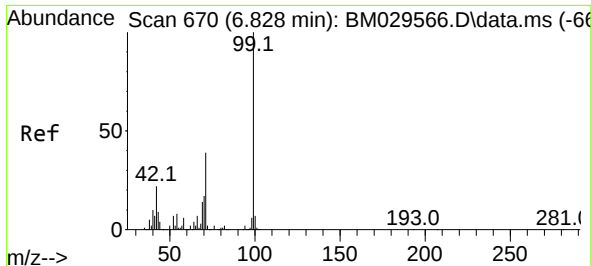
Tgt Ion:112 Resp: 54755
Ion Ratio Lower Upper
112 100
64 54.0 47.1 70.7
63 29.8 27.3 40.9



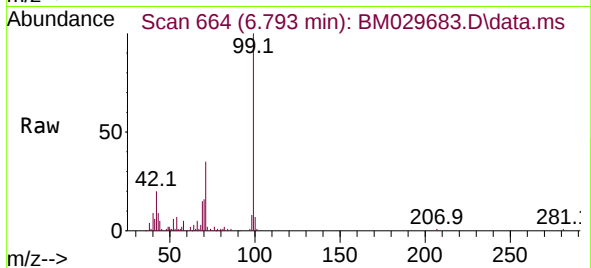
Instrument :
BNA_M
ClientSampleId :
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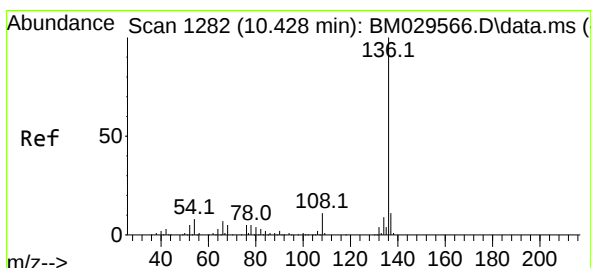
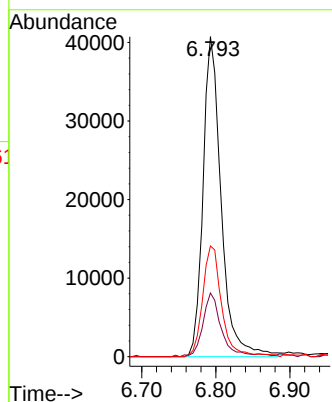
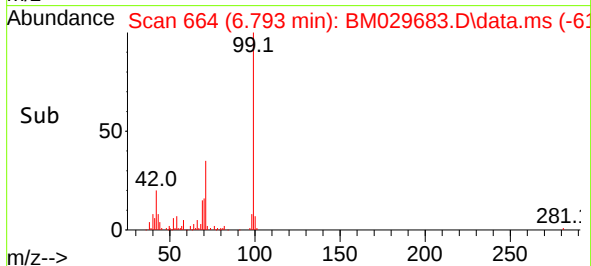
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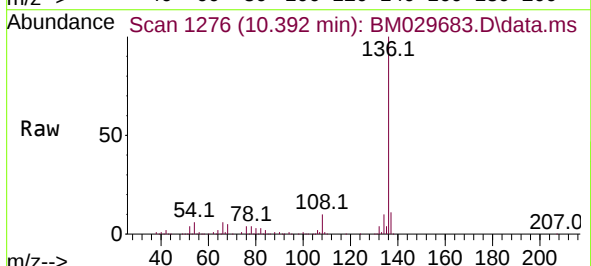
#7
Phenol-d6
Concen: 11.49 ng
RT: 6.793 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52



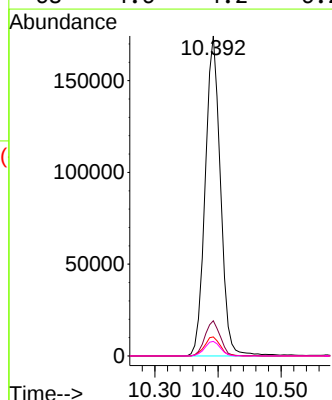
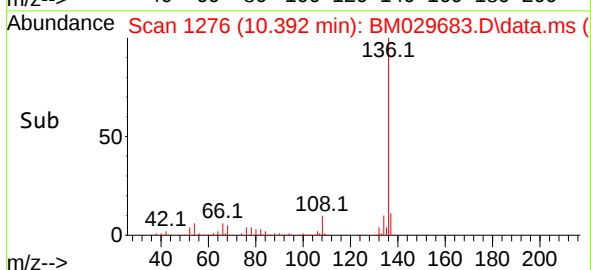
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.0	27.0
71	34.6	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52



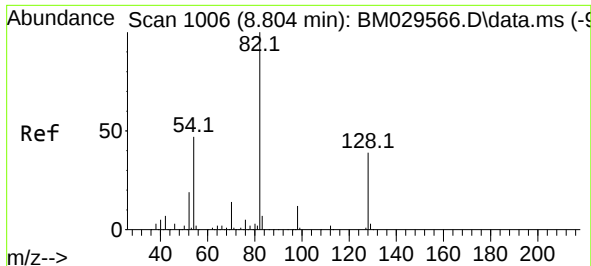
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.0	5.5	8.3
68	4.6	4.2	6.2



Instrument :
BNA_M
ClientSampleId :
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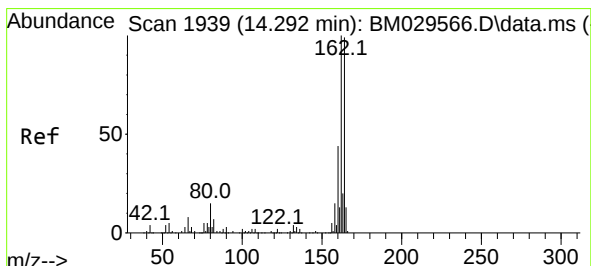
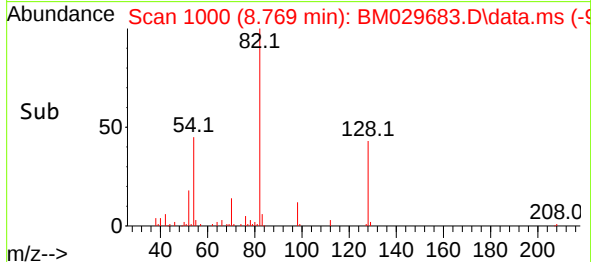
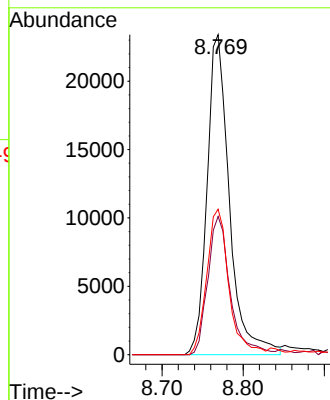
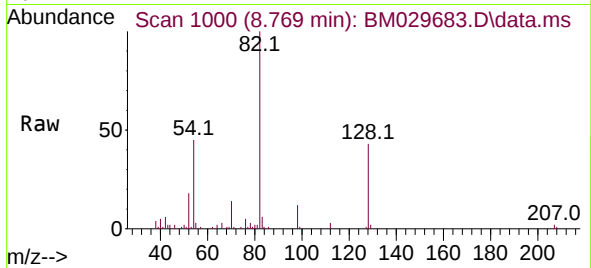
#23
Nitrobenzene-d5
Concen: 7.86 ng
RT: 8.769 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:	82	Resp:	44683
Ion Ratio	Lower	Upper	
82	100		
128	43.2	31.1	46.7
54	45.5	37.3	55.9

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

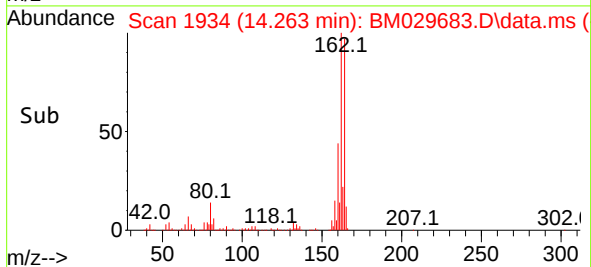
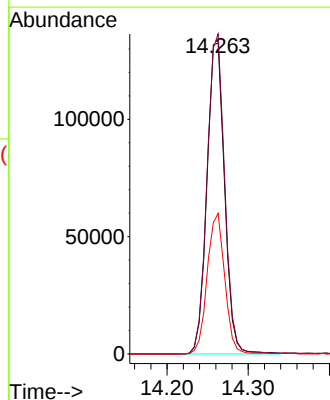
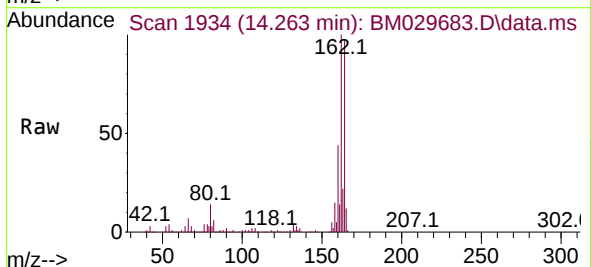
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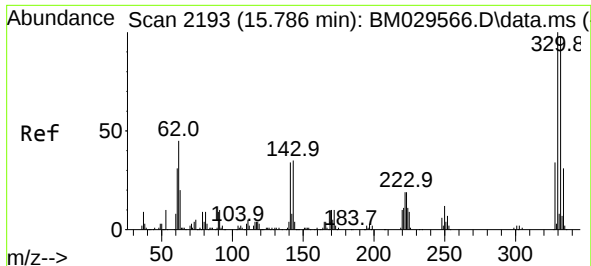
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:	164	Resp:	200343
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.4	125.0
160	45.2	37.2	55.8





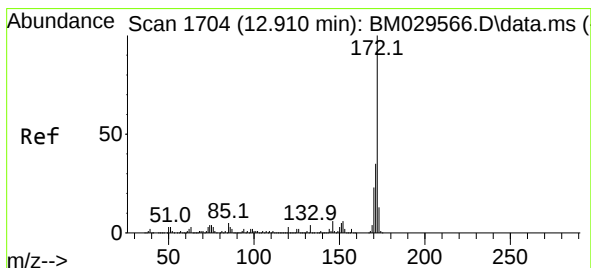
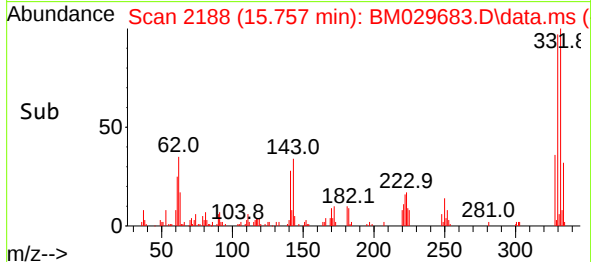
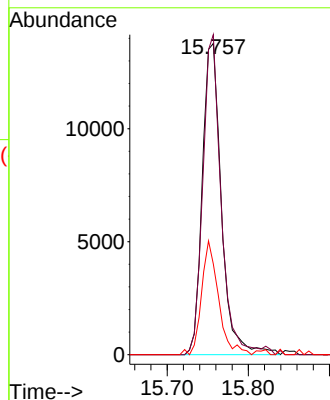
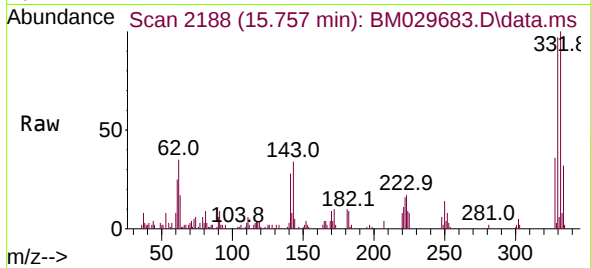
#42
2,4,6-Tribromophenol
Concen: 8.11 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion: 330 Resp: 22483
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.4
141 32.4 30.2 45.2

Instrument :
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ClientSampleId :
TEST-PIT-II

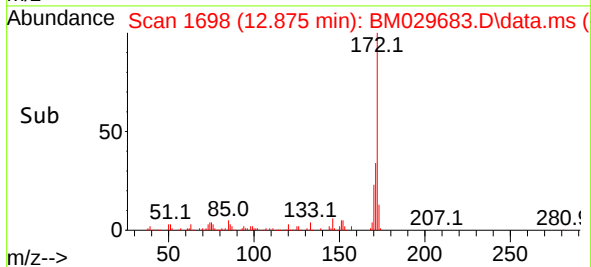
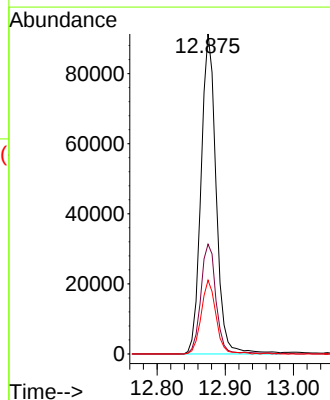
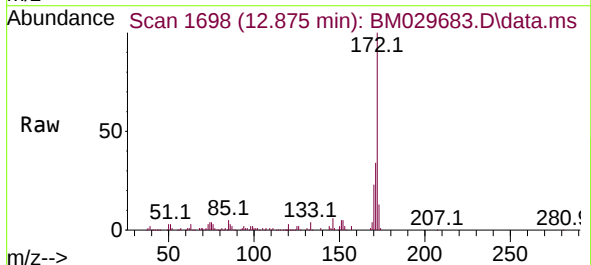
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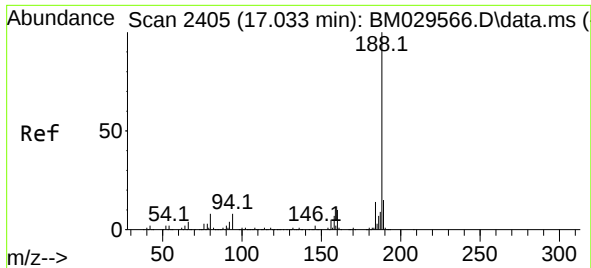
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#45
2-Fluorobiphenyl
Concen: 9.53 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion: 172 Resp: 140715
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.1 18.4 27.6





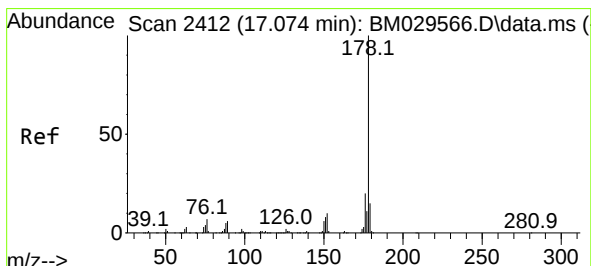
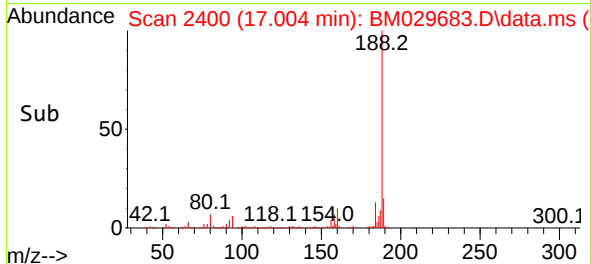
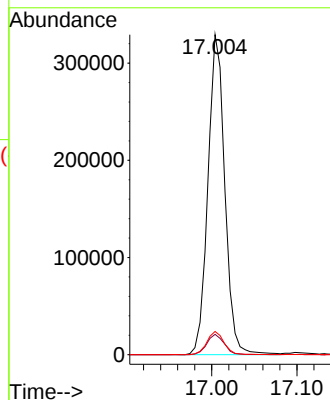
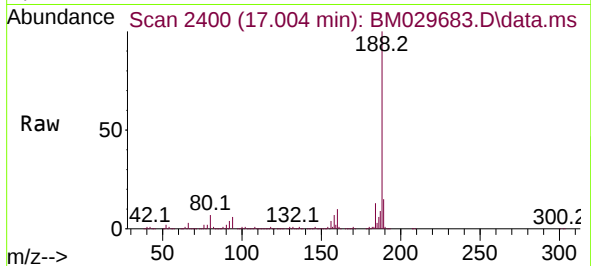
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:188 Resp: 453495
Ion Ratio Lower Upper
188 100
94 6.3 6.0 9.0
80 7.2 6.6 9.8

Instrument :
BNA_M
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TEST-PIT-II

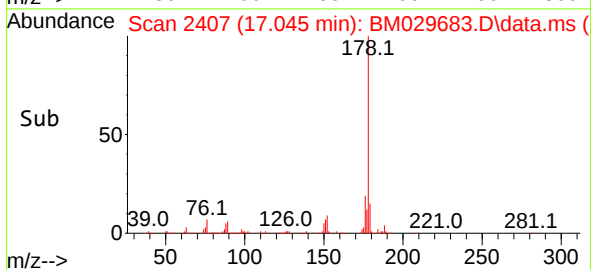
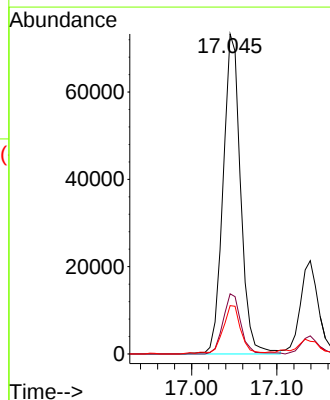
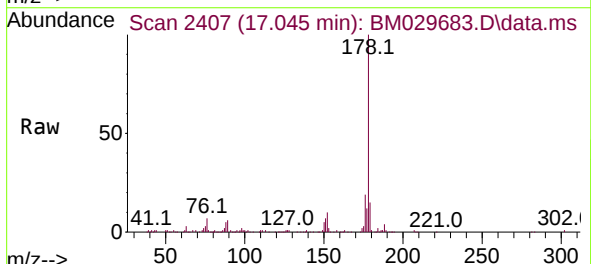
Manual Integrations
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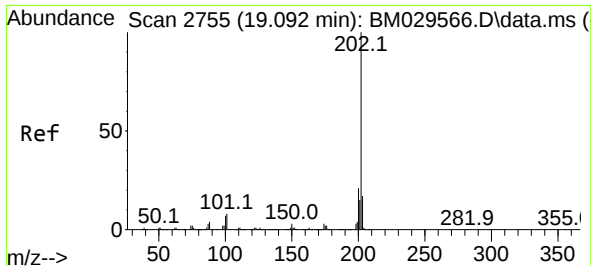
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#71
Phenanthrene
Concen: 4.00 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

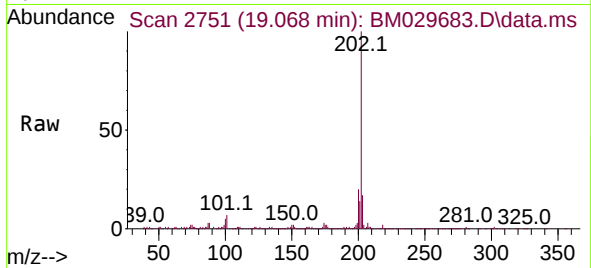
Tgt Ion:178 Resp: 104535
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.2 18.4





#75
Fluoranthene
Concen: 6.79 ng
RT: 19.068 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

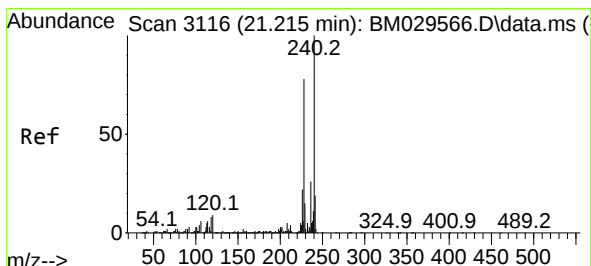
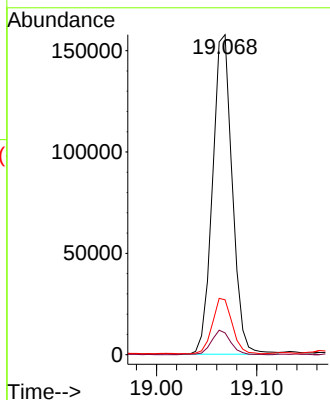
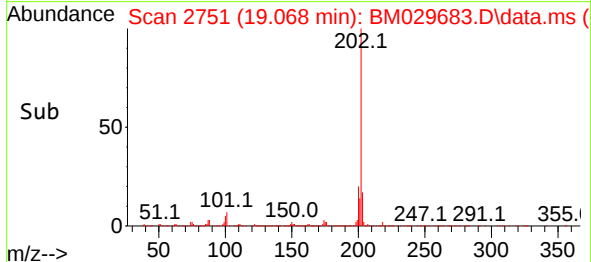
Instrument :
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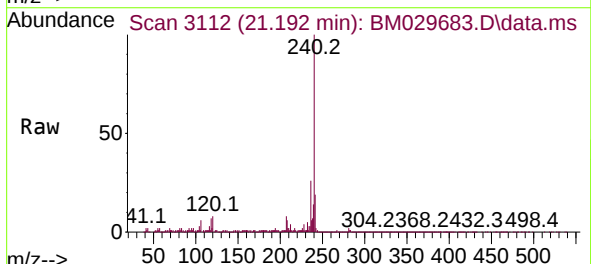
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Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.6
203 17.2 0.0 37.3

Manual Integrations
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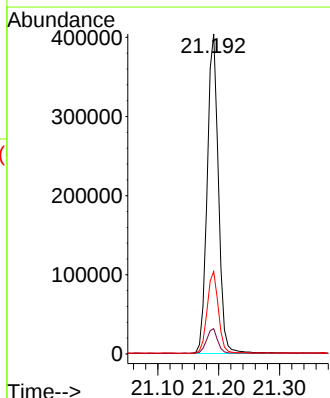
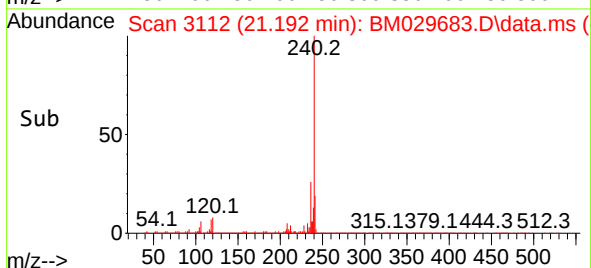
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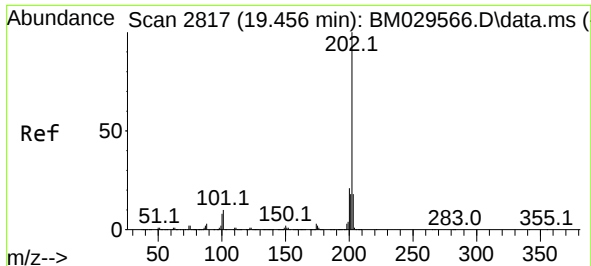


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52



Tgt Ion:240 Resp: 517776
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 25.7 21.0 31.4





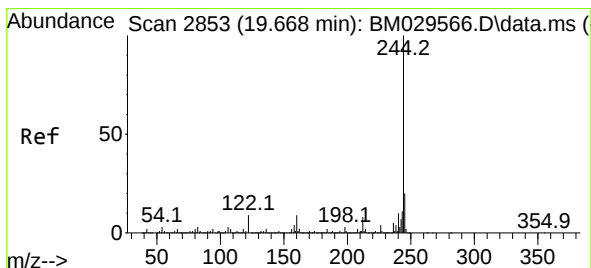
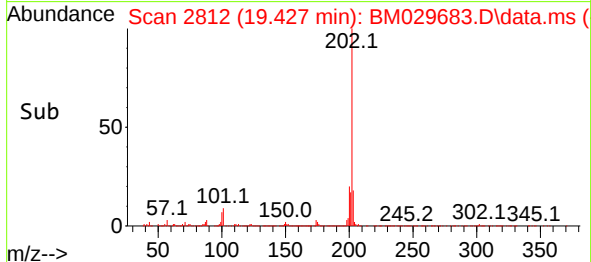
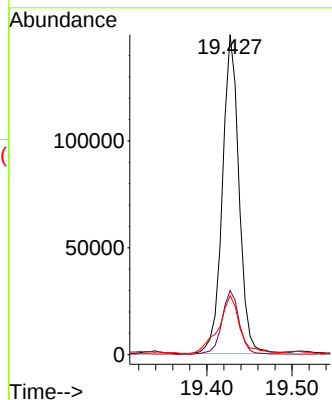
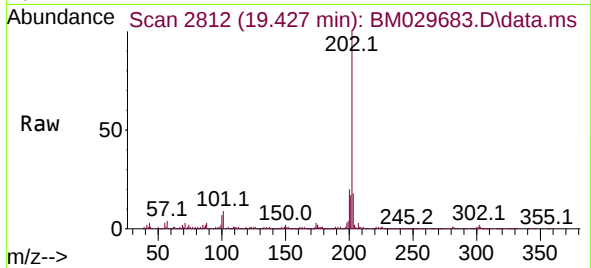
#78
Pyrene
Concen: 6.06 ng
RT: 19.427 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:	202	Resp:	201981
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.3	25.9
203	18.4	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

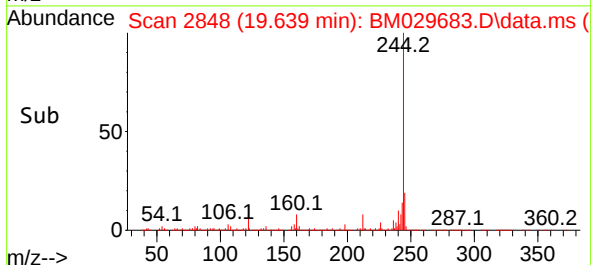
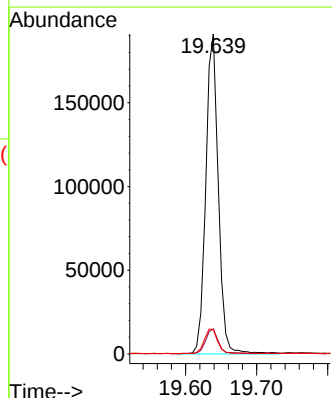
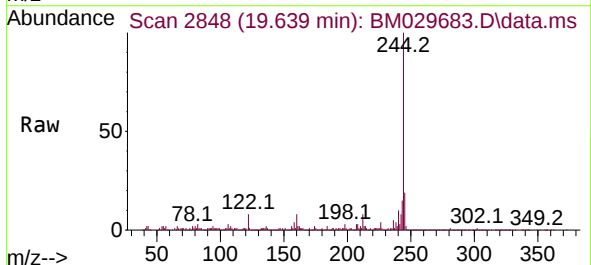
Manual Integrations
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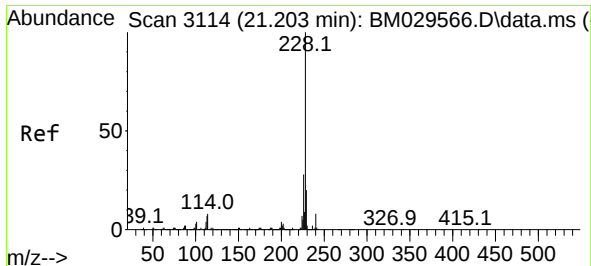
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4/28/2021 11:00:48 AM



#79
Terphenyl-d14
Concen: 8.62 ng
RT: 19.639 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:	244	Resp:	235437
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.3	9.5
122	7.6	6.9	10.3





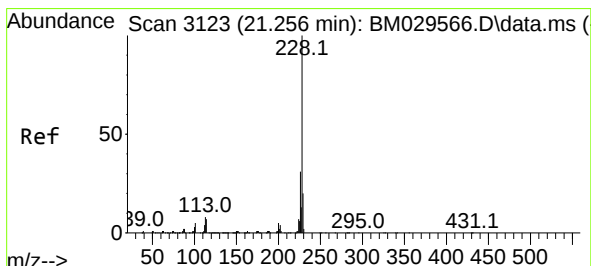
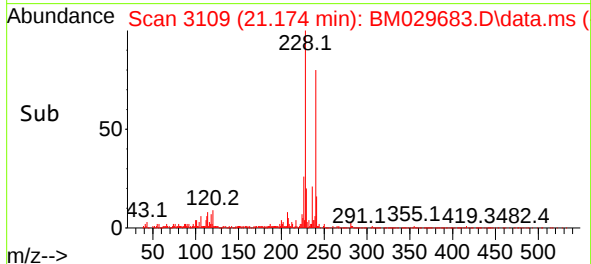
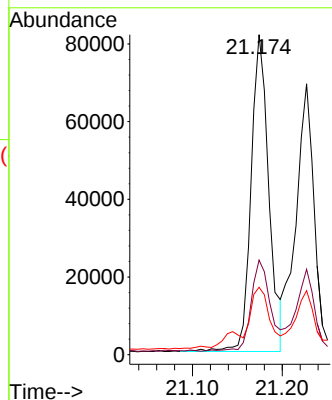
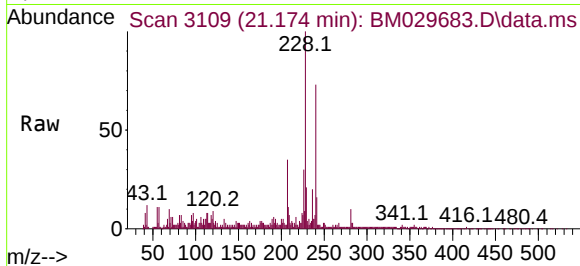
#81
Benzo(a)anthracene
Concen: 3.27 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:228 Resp: 111968
Ion Ratio Lower Upper
228 100
226 29.6 22.3 33.5
229 21.1 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

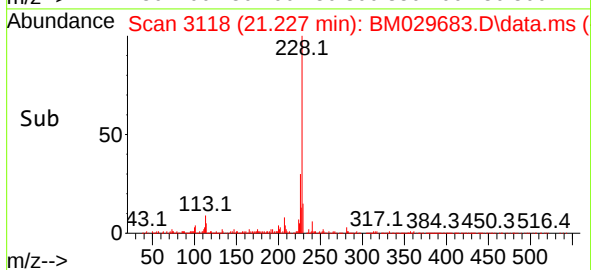
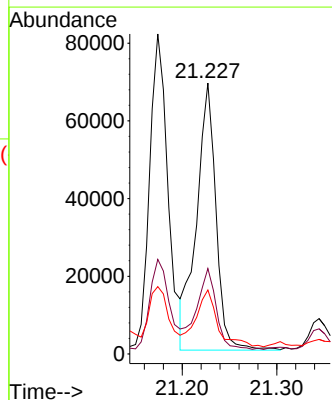
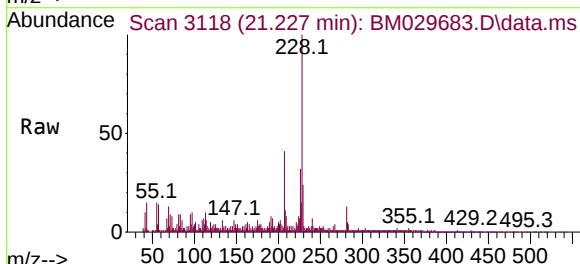
Manual Integrations
APPROVED

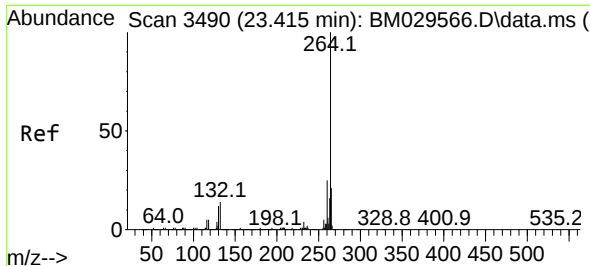
mohammad
4/28/2021 11:00:48 AM



#83
Chrysene
Concen: 2.93 ng m
RT: 21.227 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:228 Resp: 98756
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 23.6 15.5 23.3#





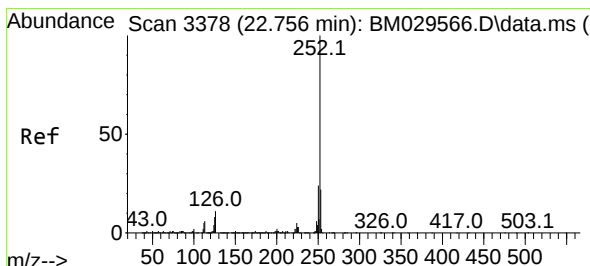
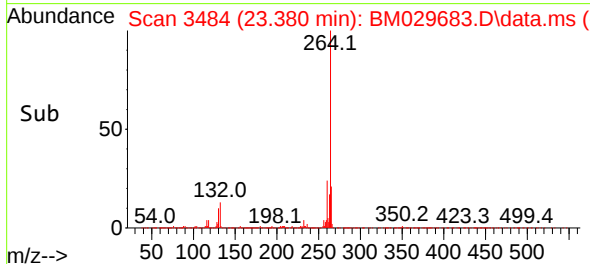
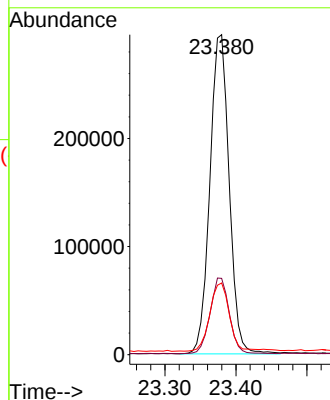
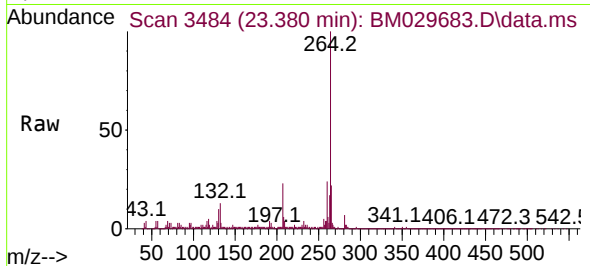
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.380 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:264 Resp: 556898
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.8
265 22.4 17.7 26.5

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

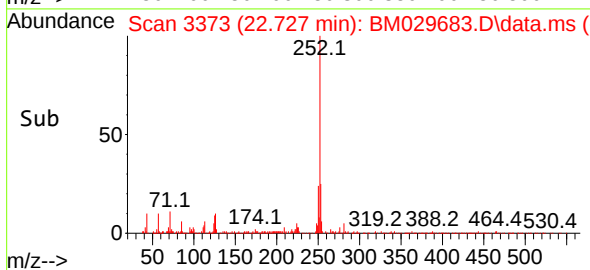
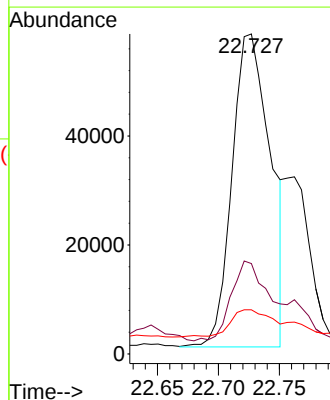
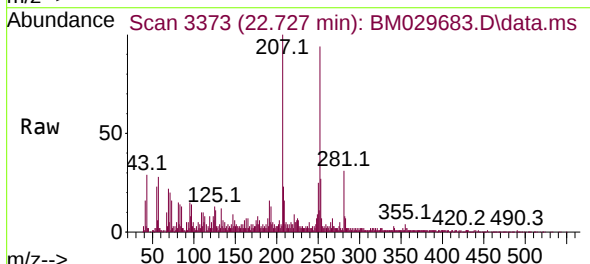
Manual Integrations
APPROVED

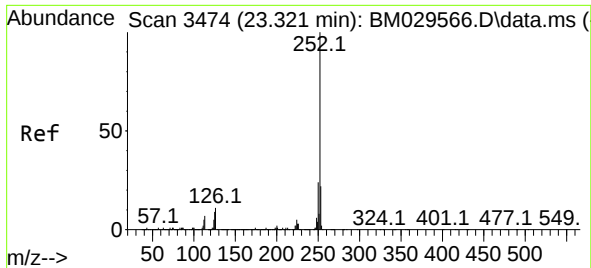
mohammad
4/28/2021 11:00:48 AM



#88
Benzo(b)fluoranthene
Concen: 3.48 ng m
RT: 22.727 min Scan# 3373
Delta R.T. 0.000 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:252 Resp: 126292
Ion Ratio Lower Upper
252 100
253 28.2 17.4 26.0#
125 13.8 6.8 10.2#





#90
Benzo(a)pyrene
Concen: 2.91 ng
RT: 23.280 min Scan# 3467
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.7	26.5#
125	14.1	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

Manual Integrations
APPROVED

mohammad
4/28/2021 11:00:48 AM

