

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
 Data File : BM035296.D
 Acq On : 27 May 2022 19:26
 Operator : CG/JU
 Sample : N2930-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P006-SS002-1218-01

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/28/2022
 Supervised By :Jagrut Upadhyay 05/31/2022

Quant Time: May 28 05:12:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 16:44:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	133238	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	493285	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	305256	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	641751	20.000	ng	0.00
76) Chrysene-d12	21.433	240	683521	20.000	ng	# 0.00
86) Perylene-d12	23.803	264	728978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	720324	99.820	ng	0.00
7) Phenol-d6	7.051	99	899252	96.238	ng	0.00
23) Nitrobenzene-d5	9.034	82	565827	63.143	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	399292	100.830	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1277455	58.034	ng	0.00
79) Terphenyl-d14	19.880	244	2003640	51.943	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.315	202	134943	3.494	ng	97
78) Pyrene	19.674	202	180472	4.025	ng	99
81) Benzo(a)anthracene	21.421	228	129540m	2.997	ng	
83) Chrysene	21.468	228	149841	3.672	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	152321	3.067	ng	# 93
88) Benzo(b)fluoranthene	23.086	252	317158	7.211	ng	99
89) Benzo(k)fluoranthene	23.127	252	98673m	2.271	ng	
90) Benzo(a)pyrene	23.697	252	148765	4.081	ng	97
92) Benzo(g,h,i)perylene	26.991	276	164571	3.999	ng	96

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

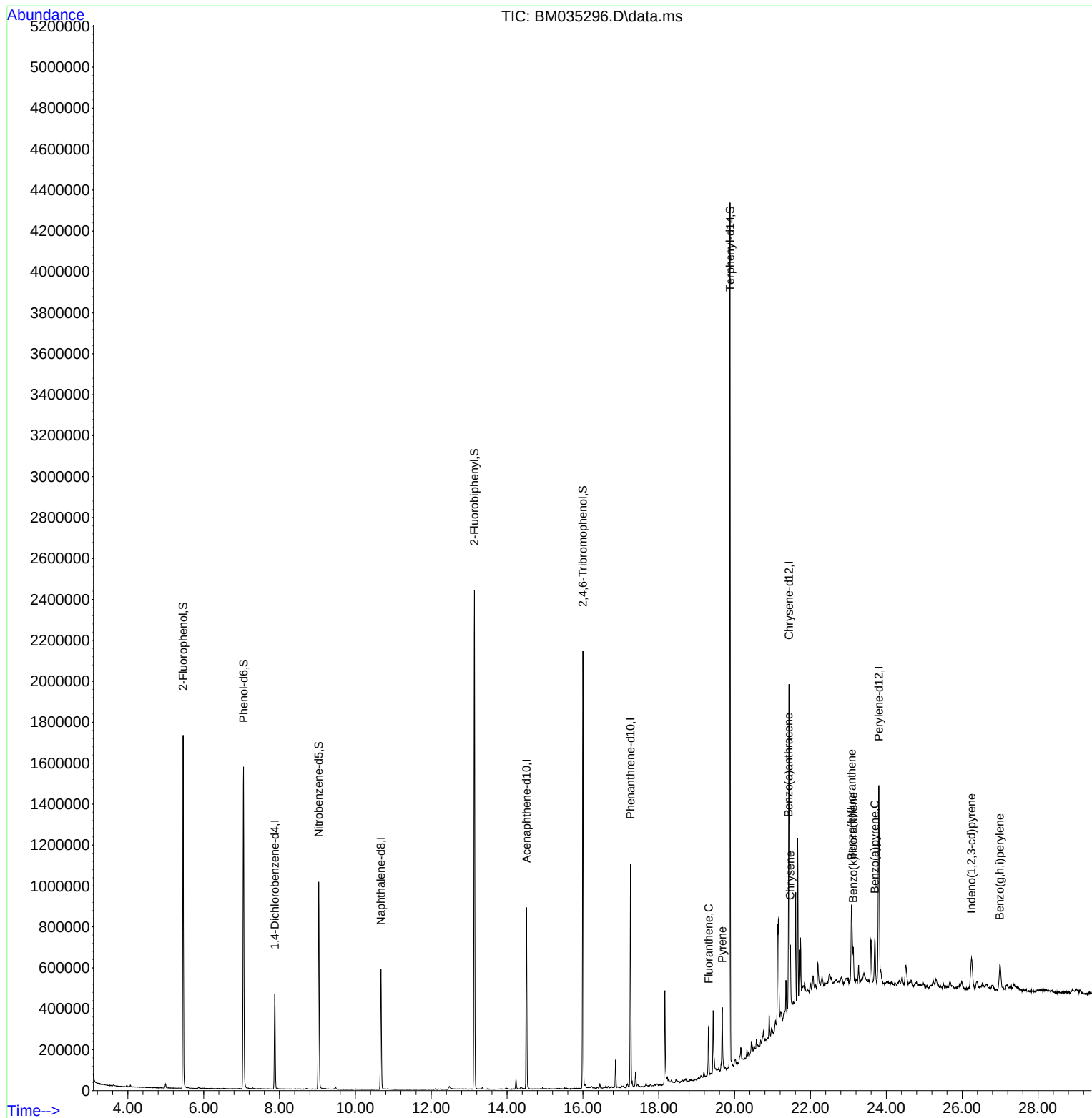
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035296.D
Acq On : 27 May 2022 19:26
Operator : CG/JU
Sample : N2930-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

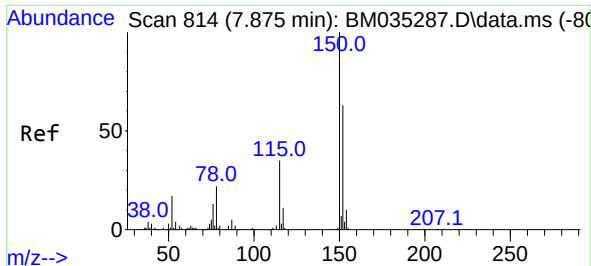
Instrument :
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P006-SS002-1218-01

Quant Time: May 28 05:12:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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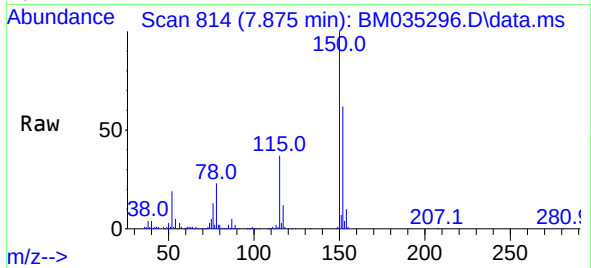
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

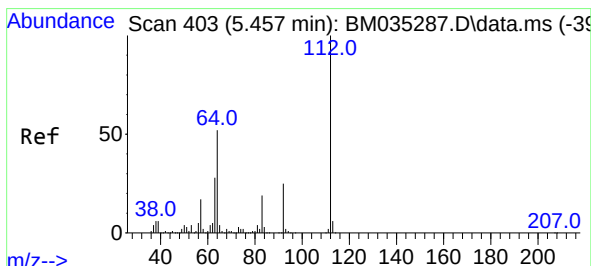
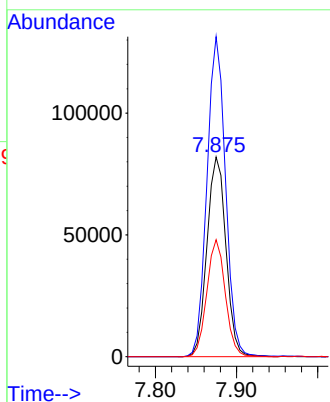
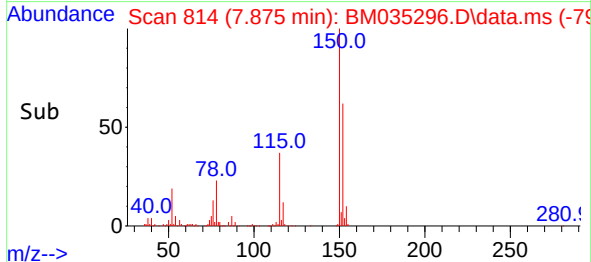
Instrument :
BNA_M
ClientSampleId :
P006-SS002-1218-01



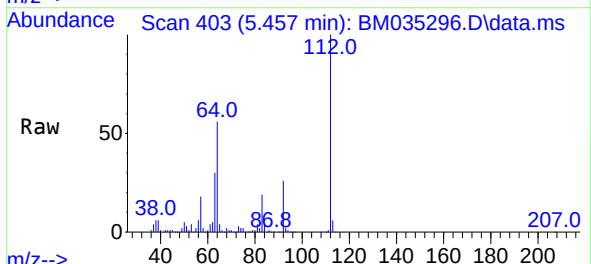
Tgt Ion:152 Resp: 133238
Ion Ratio Lower Upper
152 100
150 160.2 124.9 187.3
115 58.6 47.9 71.9

Manual Integrations
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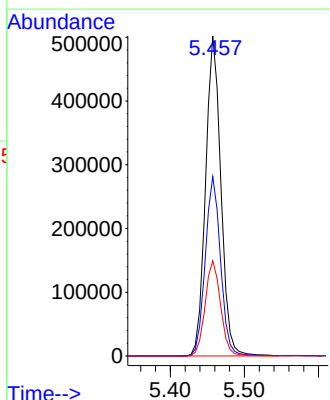
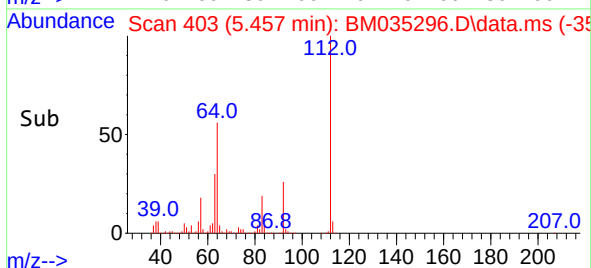
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

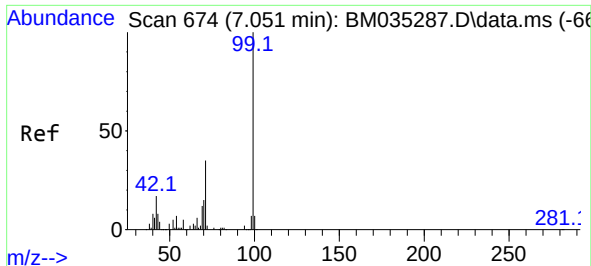


#5
2-Fluorophenol
Concen: 99.820 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26



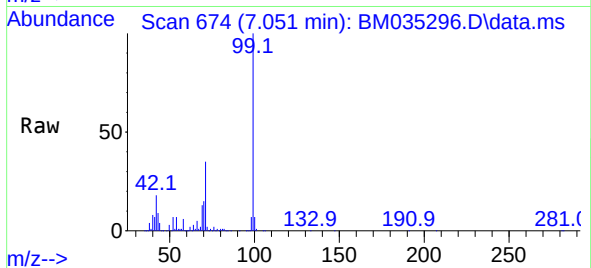
Tgt Ion:112 Resp: 720324
Ion Ratio Lower Upper
112 100
64 56.0 47.8 71.6
63 29.7 26.6 40.0





#7
Phenol-d6
Concen: 96.238 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

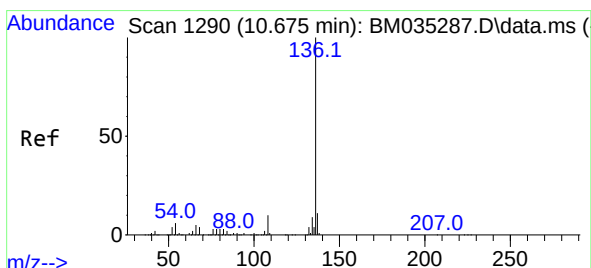
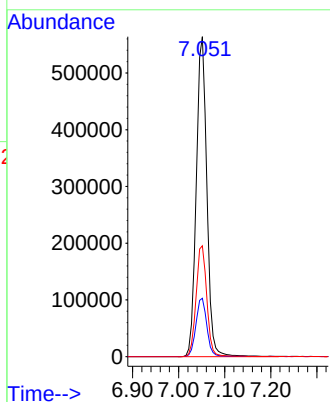
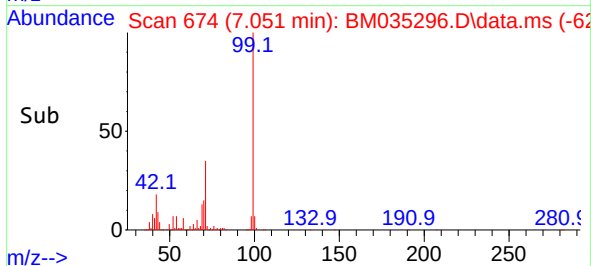
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 89925
Ion Ratio Lower Upper
99 100
42 18.3 18.8 28.2
71 34.7 30.2 45.2

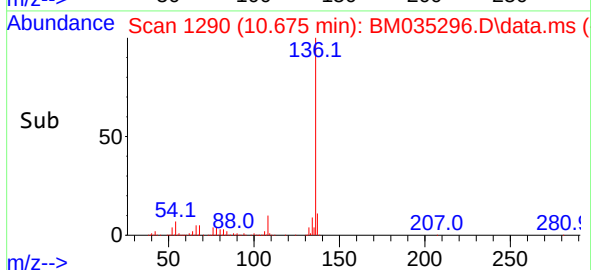
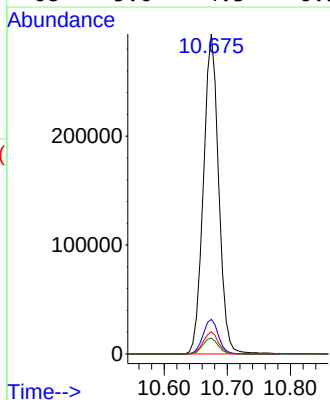
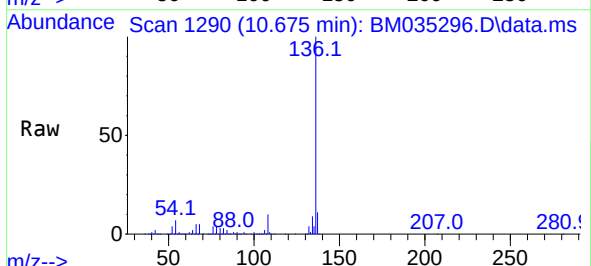
Manual Integrations
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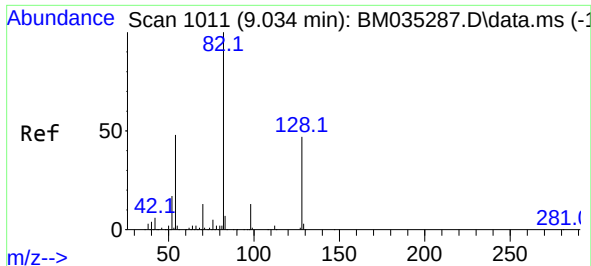
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

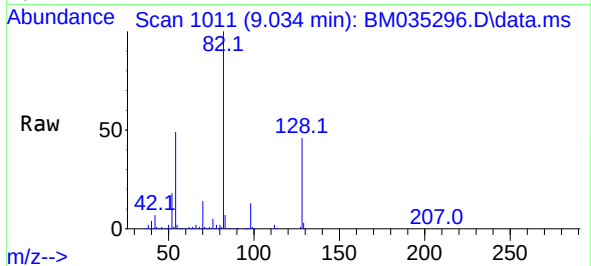
Tgt Ion:136 Resp: 493285
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 7.0 10.4
68 5.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 63.143 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.001 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

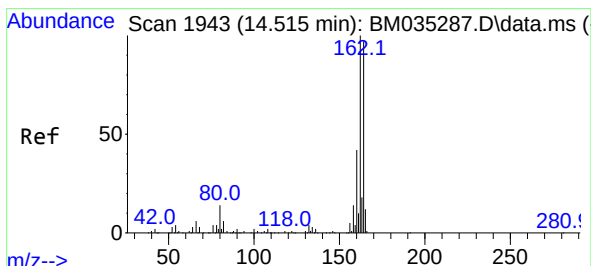
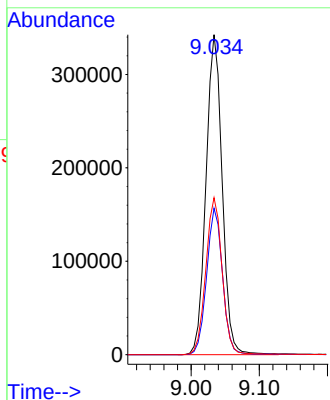
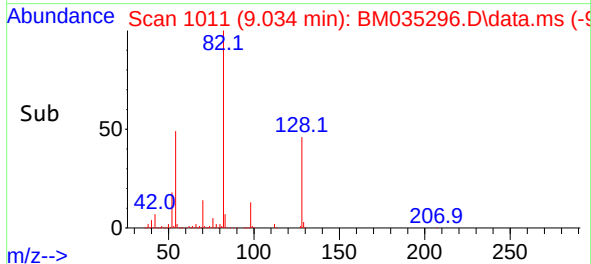
Instrument :
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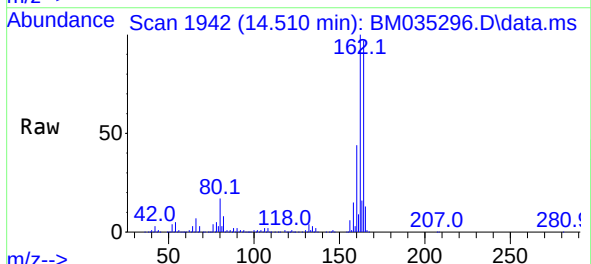
Tgt Ion: 82 Resp: 56582
Ion Ratio Lower Upper
82 100
128 45.8 33.7 50.5
54 49.1 43.2 64.8

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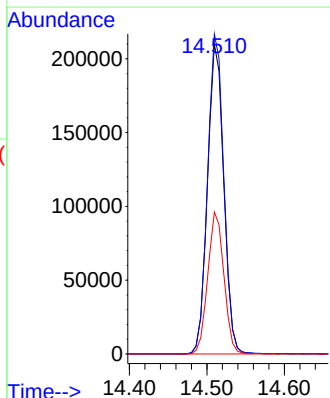
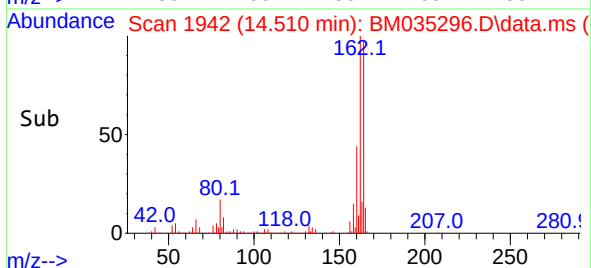
Reviewed By :Christian Giraldo 05/28/2022
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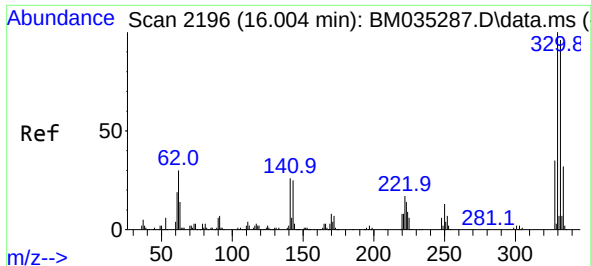


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26



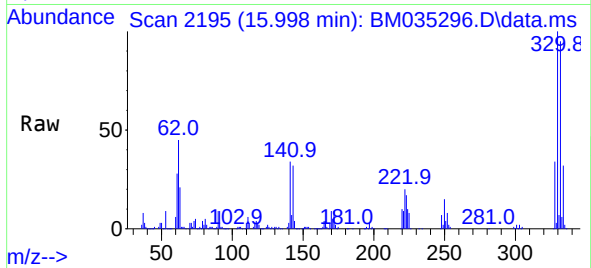
Tgt Ion:164 Resp: 305256
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 45.8 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 100.830 ng
RT: 15.998 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

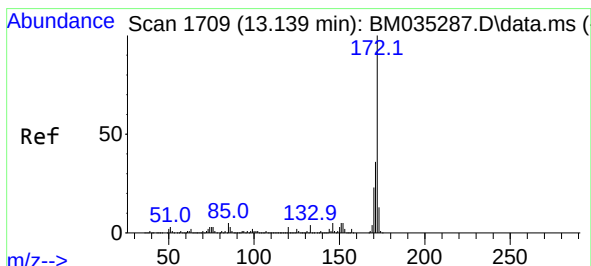
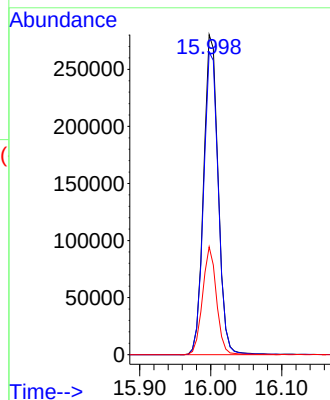
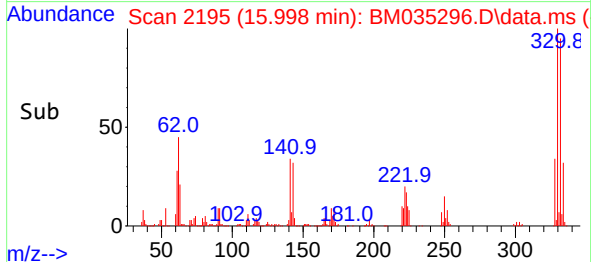
Instrument :
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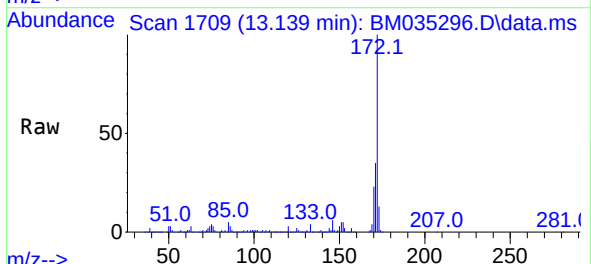
Tgt Ion:330 Resp: 399292
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 32.4 35.3 52.9

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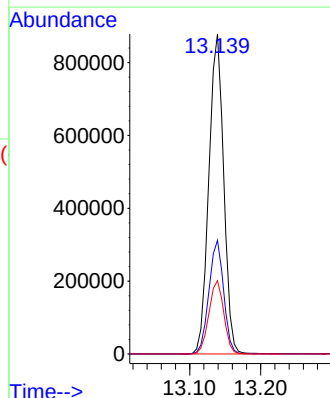
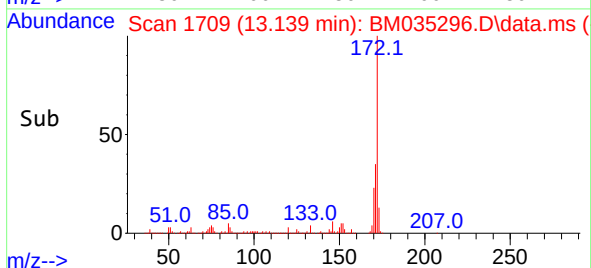
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

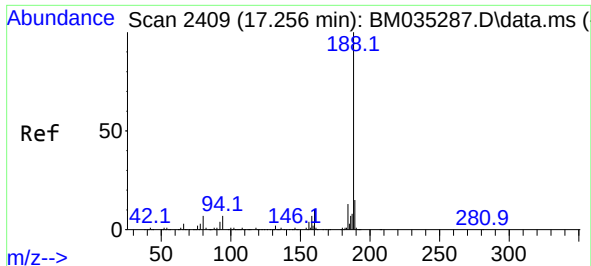


#45
2-Fluorobiphenyl
Concen: 58.034 ng
RT: 13.139 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26



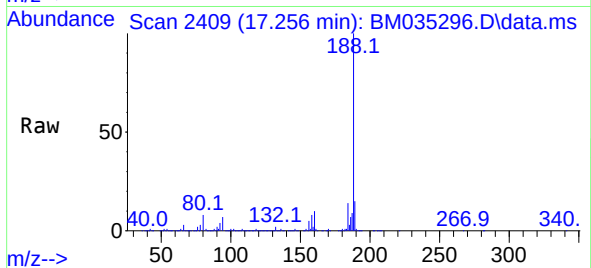
Tgt Ion:172 Resp: 1277455
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.9 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

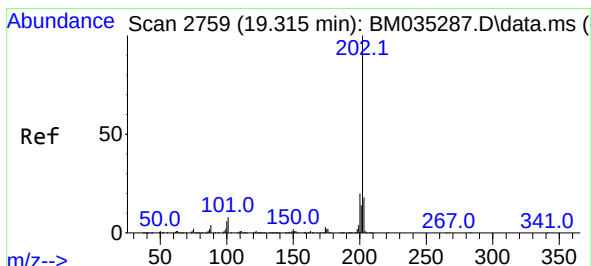
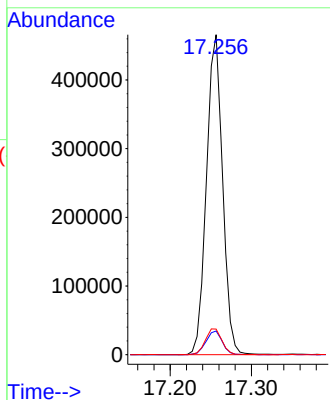
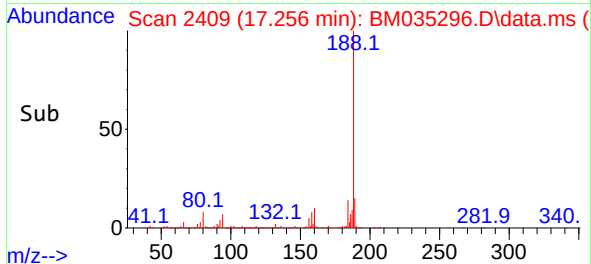
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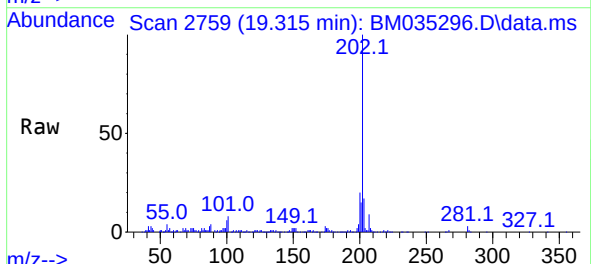
Tgt Ion:188 Resp: 64175
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 8.0 7.6 11.4

Manual Integrations
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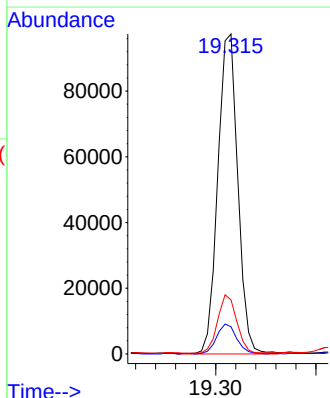
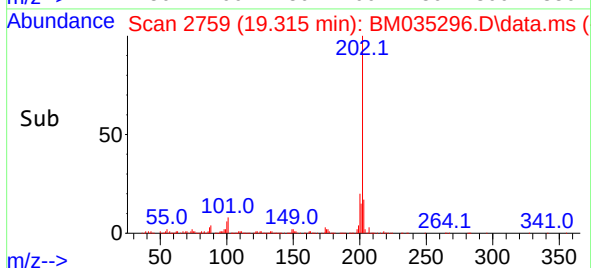
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

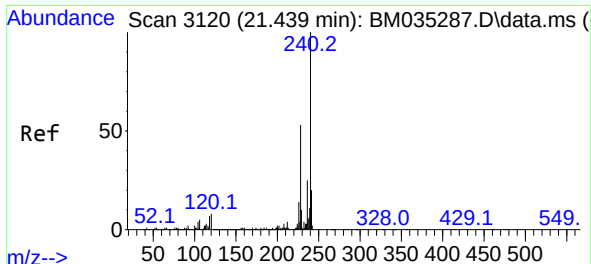


#75
Fluoranthene
Concen: 3.494 ng
RT: 19.315 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26



Tgt Ion:202 Resp: 134943
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.6
203 16.9 0.0 37.4





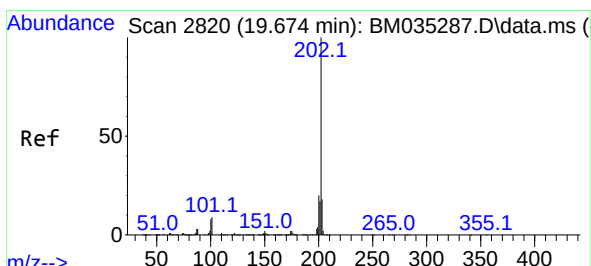
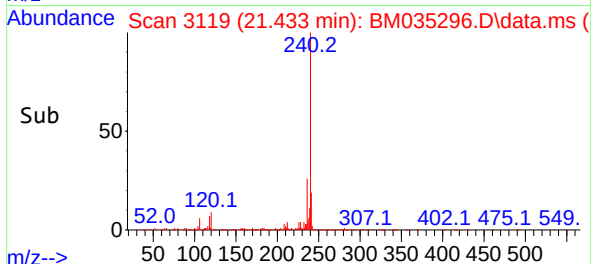
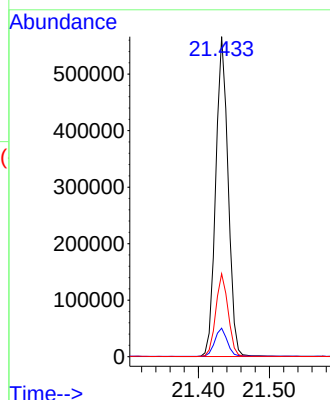
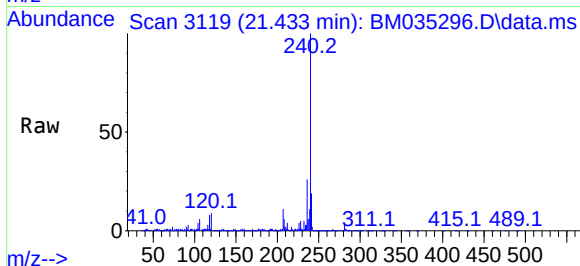
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

Instrument :
BNA_M
ClientSampleId :
P006-SS002-1218-01

Tgt Ion:240 Resp: 68352
Ion Ratio Lower Upper
240 100
120 8.9 9.4 14.0
236 25.9 20.6 30.8

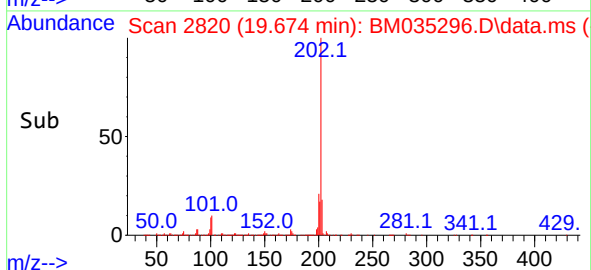
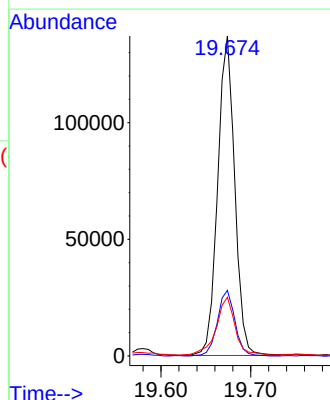
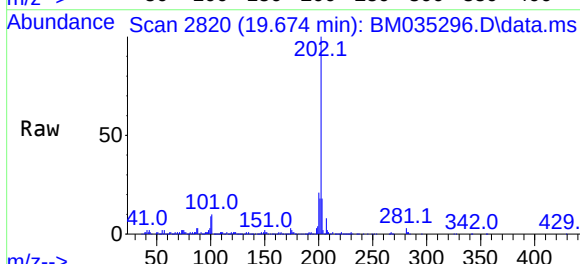
Manual Integrations
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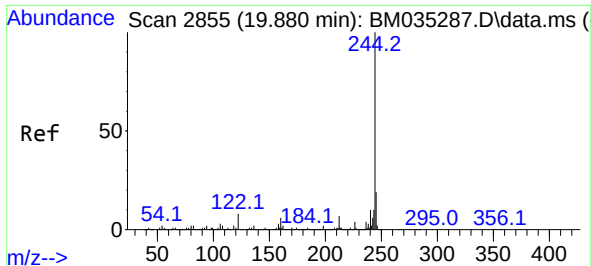
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#78
Pyrene
Concen: 4.025 ng
RT: 19.674 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

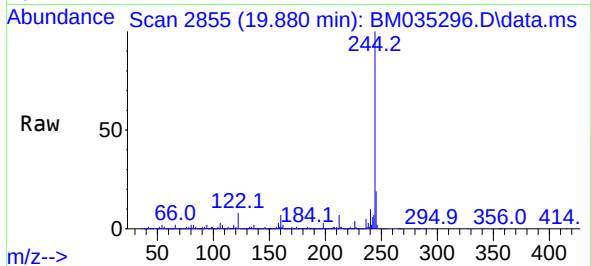
Tgt Ion:202 Resp: 180472
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 18.3 13.9 20.9





#79
 Terphenyl-d14
 Concen: 51.943 ng
 RT: 19.880 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035296.D
 Acq: 27 May 2022 19:26

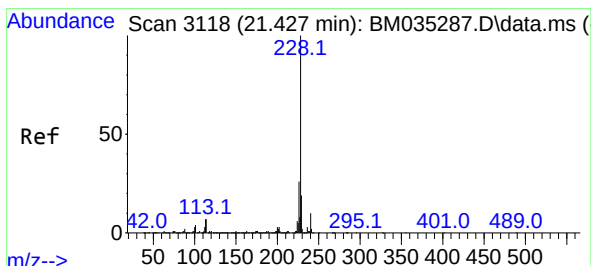
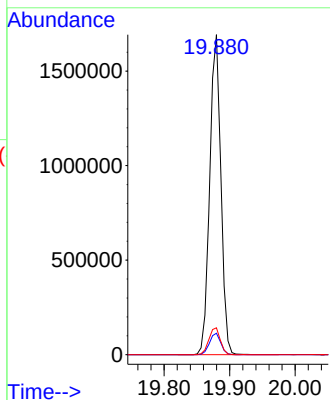
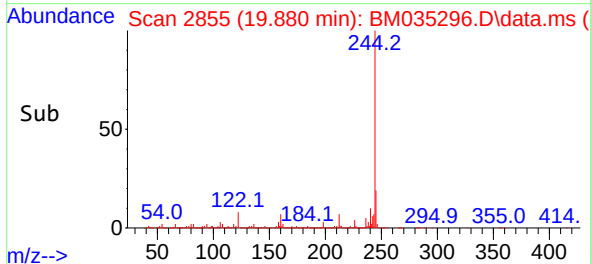
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 2003640
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 8.4 8.3 12.5

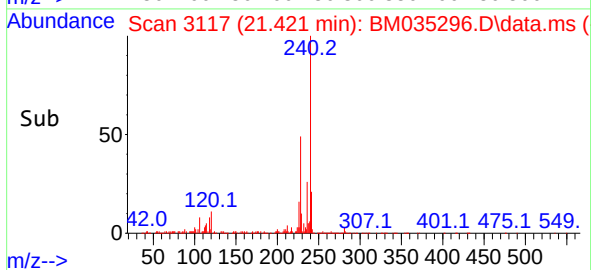
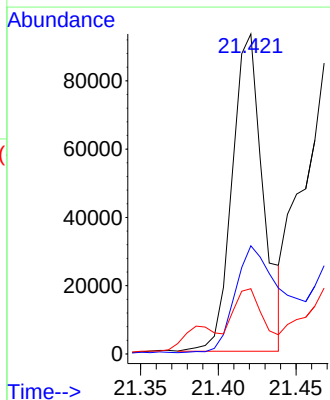
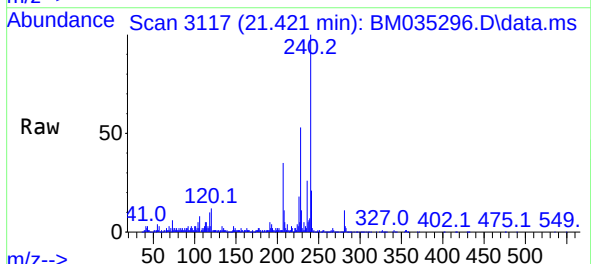
Manual Integrations
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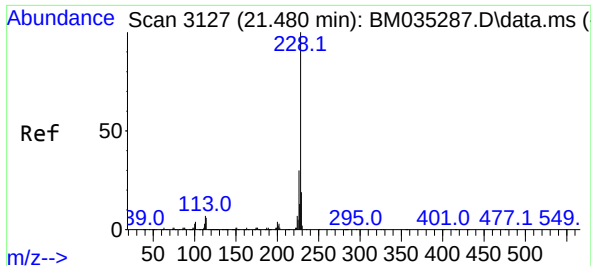
Reviewed By :Christian Giraldo 05/28/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#81
 Benzo(a)anthracene
 Concen: 2.997 ng m
 RT: 21.421 min Scan# 3117
 Delta R.T. -0.006 min
 Lab File: BM035296.D
 Acq: 27 May 2022 19:26

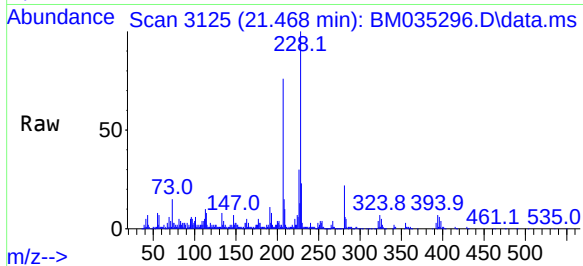
Tgt Ion:228 Resp: 129540
 Ion Ratio Lower Upper
 228 100
 226 33.8 22.3 33.5#
 229 20.4 15.8 23.6





#83
Chrysene
Concen: 3.672 ng
RT: 21.468 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

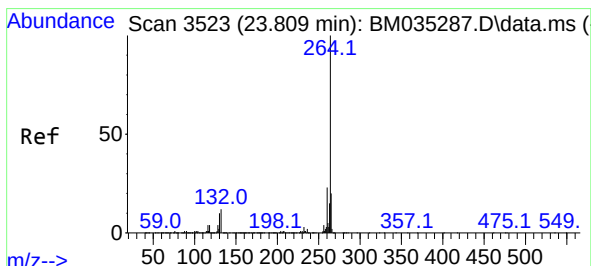
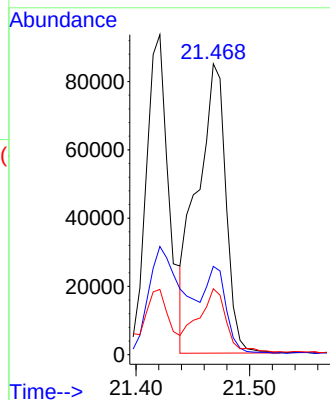
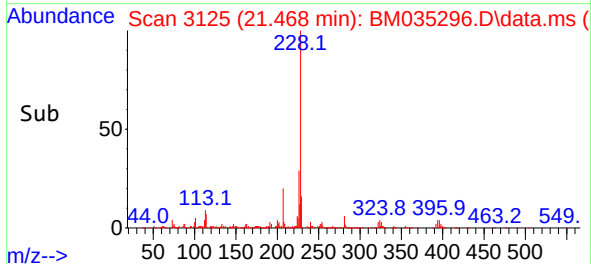
Instrument :
BNA_M
ClientSampleId :
P006-SS002-1218-01



Tgt Ion:228 Resp: 14984
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 22.6 15.8 23.8

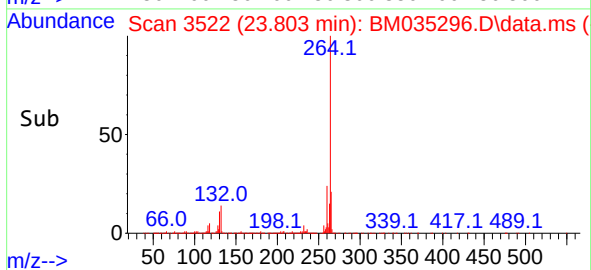
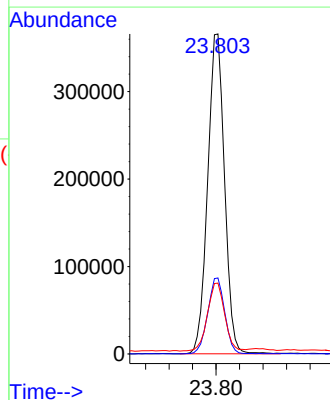
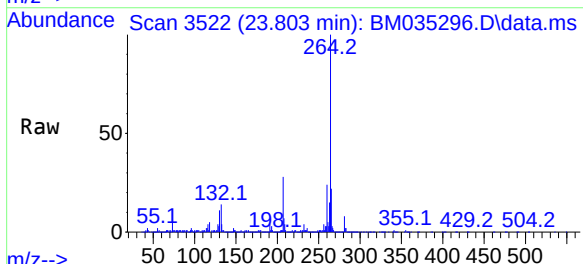
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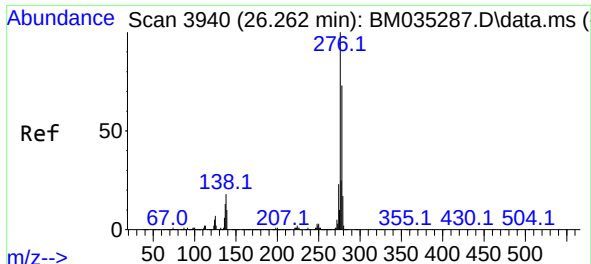
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3522
Delta R.T. -0.006 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

Tgt Ion:264 Resp: 728978
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.1 17.5 26.3





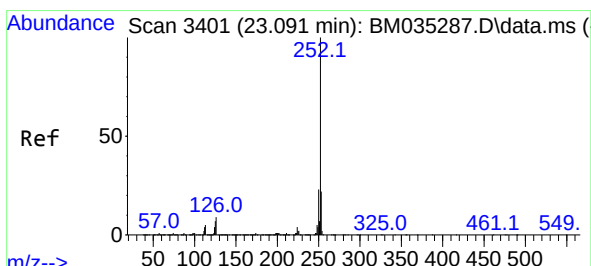
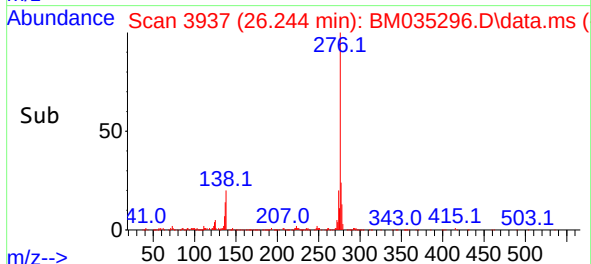
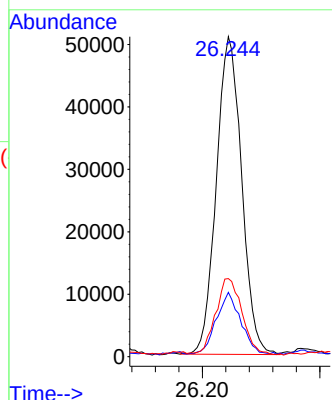
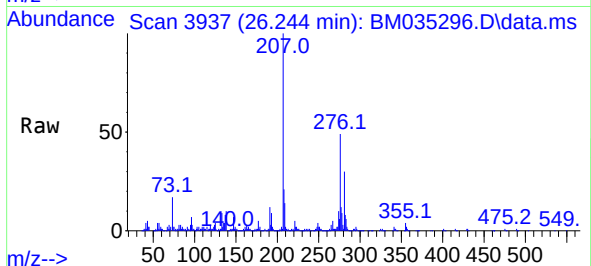
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.067 ng
RT: 26.244 min Scan# 3940
Delta R.T. -0.018 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

Instrument :
BNA_M
ClientSampleId :
P006-SS002-1218-01

Tgt Ion:276 Resp: 15232
Ion Ratio Lower Upper
276 100
138 18.8 20.2 30.4
277 24.7 20.2 30.2

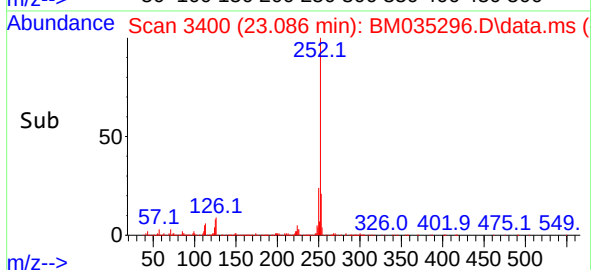
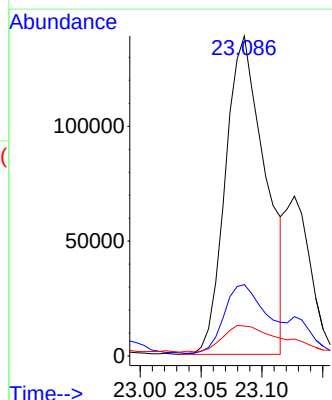
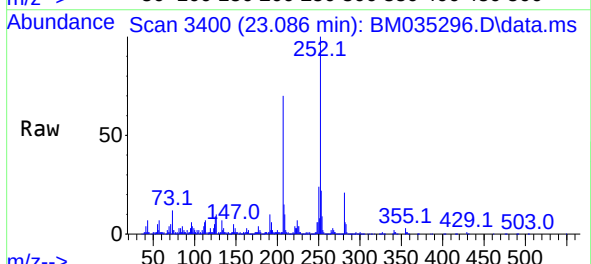
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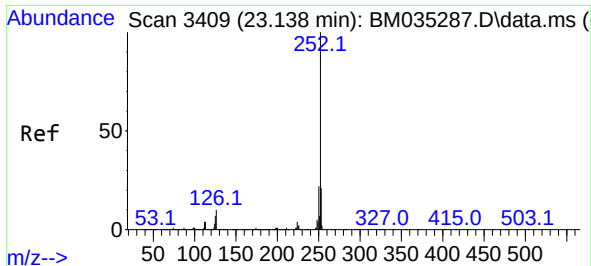
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#88
Benzo(b)fluoranthene
Concen: 7.211 ng
RT: 23.086 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

Tgt Ion:252 Resp: 317158
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.3 7.6 11.4





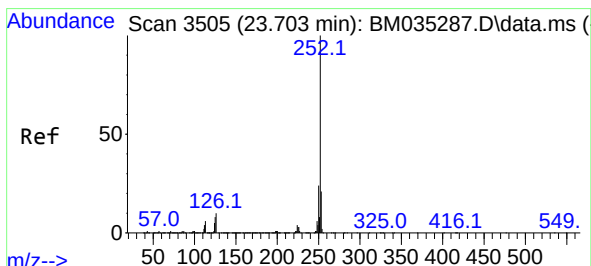
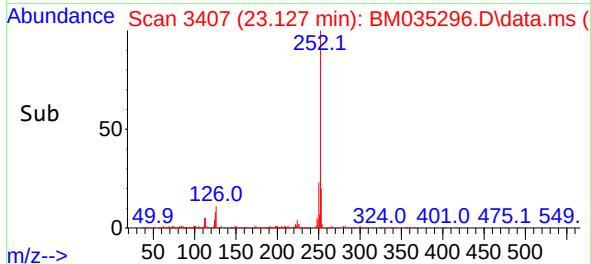
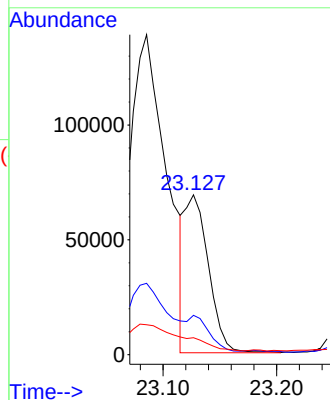
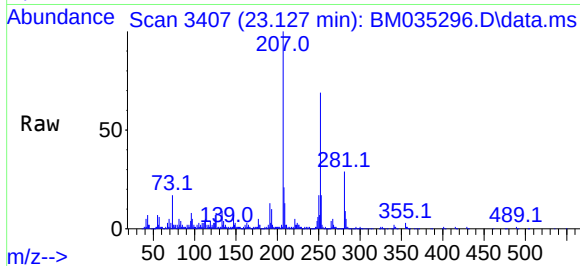
#89
Benzo(k)fluoranthene
Concen: 2.271 ng m
RT: 23.127 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

Instrument :
BNA_M
ClientSampleId :
P006-SS002-1218-01

Tgt Ion:252 Resp: 9867
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 10.6 7.6 11.4

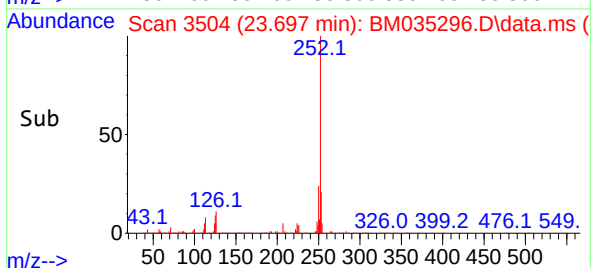
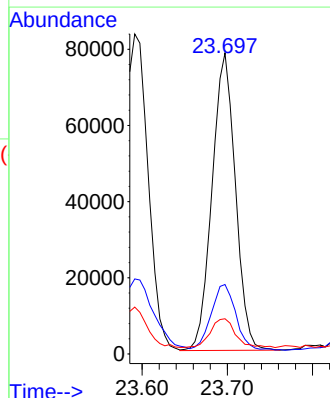
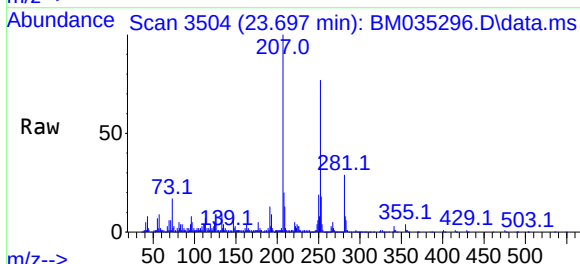
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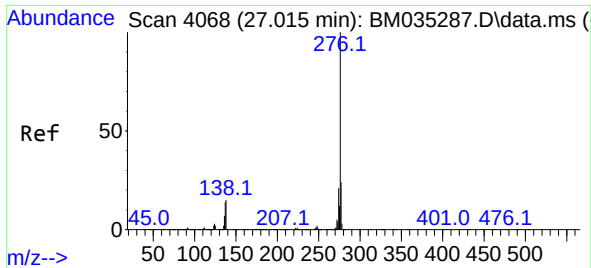
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#90
Benzo(a)pyrene
Concen: 4.081 ng
RT: 23.697 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

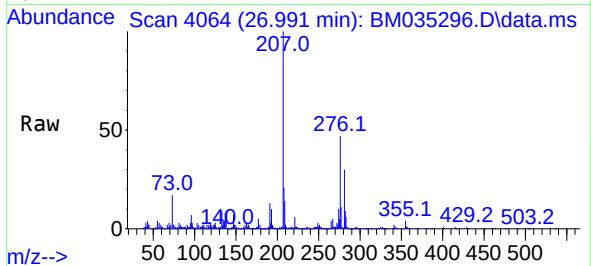
Tgt Ion:252 Resp: 148765
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 11.7 8.7 13.1





#92
Benzo(g,h,i)perylene
Concen: 3.999 ng
RT: 26.991 min Scan# 4064
Delta R.T. -0.024 min
Lab File: BM035296.D
Acq: 27 May 2022 19:26

Instrument :
BNA_M
ClientSampleId :
P006-SS002-1218-01



Tgt Ion: 276 Resp: 16457
Ion Ratio Lower Upper
276 100
277 22.6 18.7 28.1
138 18.5 17.6 26.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/28/2022
Supervised By : Jagrut Upadhyay 05/31/2022

