

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033504.D
 Acq On : 17 Dec 2021 13:45
 Operator : CG/JU
 Sample : M5083-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BB1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 17 14:16:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	58251	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	248265	20.000	ng	# 0.00
39) Acenaphthene-d10	14.583	164	164840	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	313494	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	174939	20.000	ng	0.00
86) Perylene-d12	23.924	264	162879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	353379	104.680	ng	0.00
7) Phenol-d6	7.107	99	485884	107.251	ng	0.00
23) Nitrobenzene-d5	9.107	82	373322	64.566	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	167671	90.424	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	701560	58.874	ng	0.00
79) Terphenyl-d14	19.953	244	726606	65.390	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.131	94	21698	4.741	ng	82
32) Benzoic acid	10.025	122	833	3.307	ng	# 72
71) Phenanthrene	17.371	178	104367	5.982	ng	99
74) Di-n-butylphthalate	18.295	149	42739	2.041	ng	# 96
75) Fluoranthene	19.383	202	210627	10.494	ng	98
78) Pyrene	19.747	202	177085	12.830	ng	98
81) Benzo(a)anthracene	21.494	228	78579	6.702	ng	95
83) Chrysene	21.547	228	80547m	7.135	ng	
84) Bis(2-ethylhexyl)phtha...	21.418	149	83578	9.231	ng	100
87) Indeno(1,2,3-cd)pyrene	26.424	276	42941	5.718	ng	# 94
88) Benzo(b)fluoranthene	23.188	252	93791m	8.980	ng	
89) Benzo(k)fluoranthene	23.230	252	37485m	3.548	ng	
90) Benzo(a)pyrene	23.812	252	61018	7.807	ng	# 91
91) Dibenzo(a,h)anthracene	26.441	278	14112	2.505	ng	# 80
92) Benzo(g,h,i)perylene	27.194	276	43520	6.008	ng	93

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

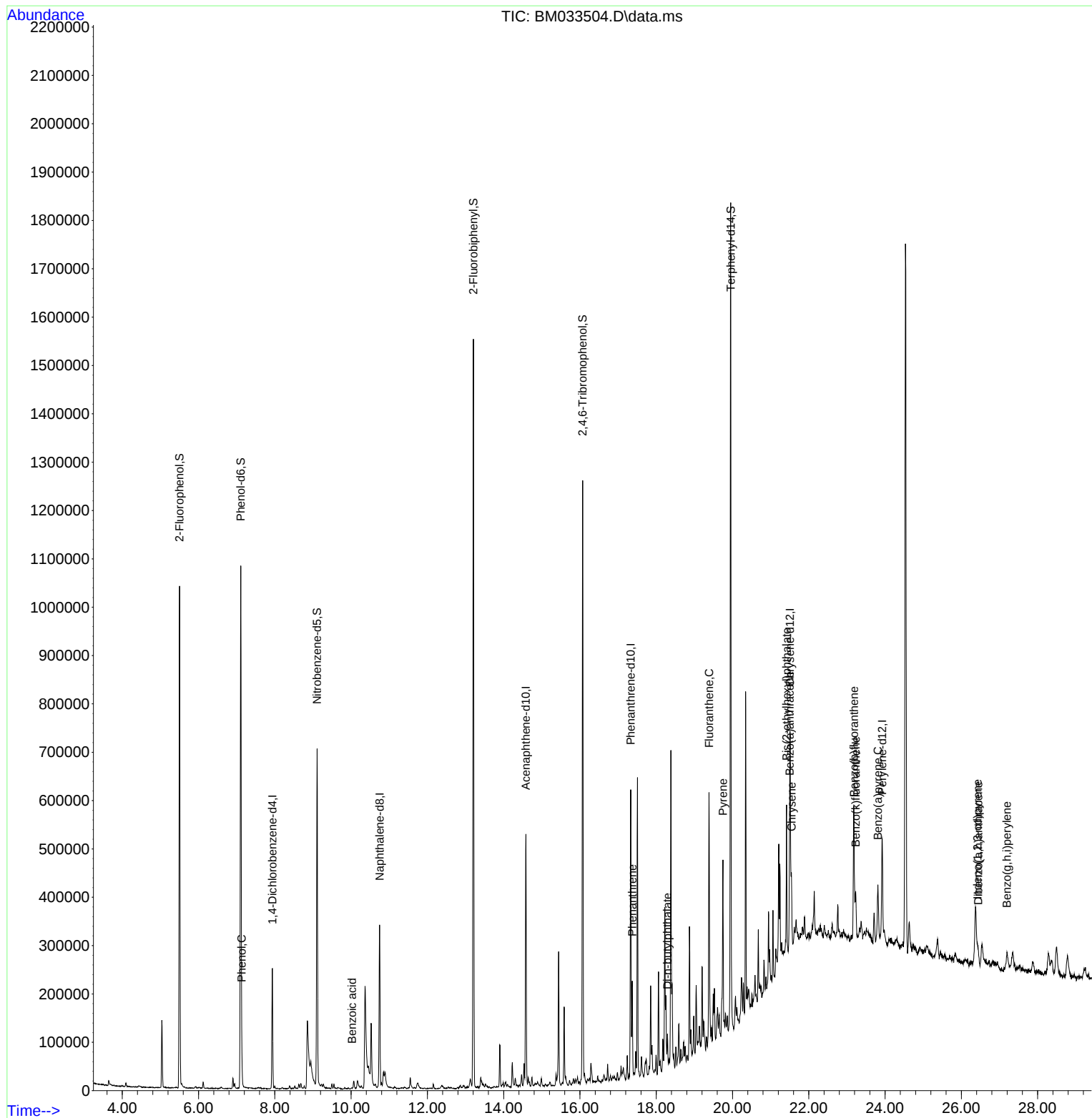
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033504.D
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Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

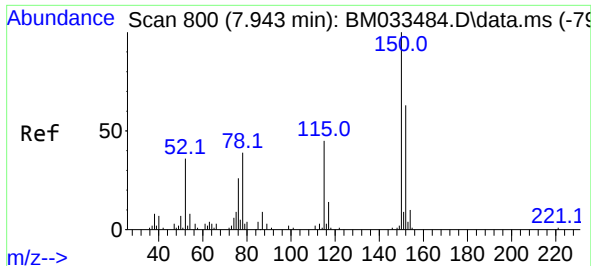
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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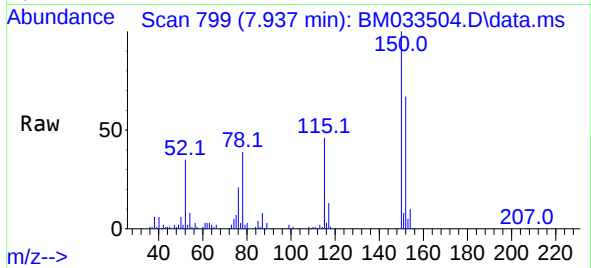
Reviewed By : Christian Giraldo 12/18/2021
Supervised By : Jagrut Upadhyay 12/20/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

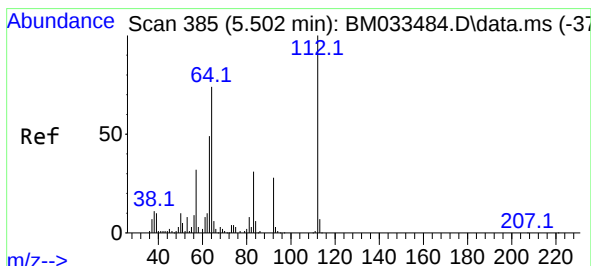
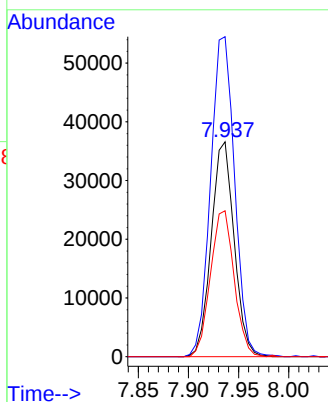
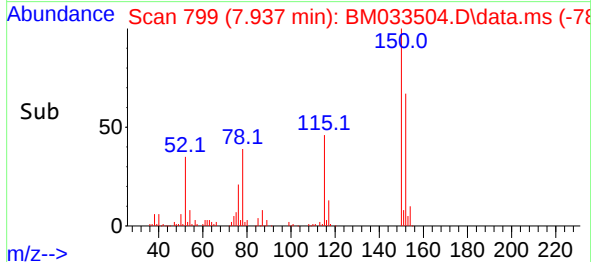
Instrument :
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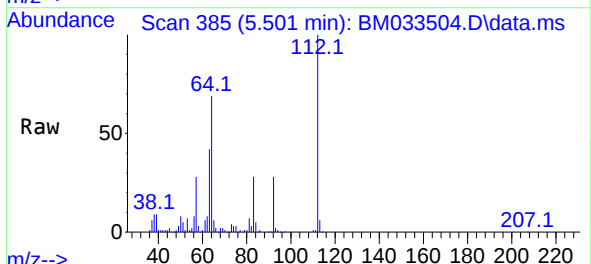
Tgt Ion:152 Resp: 5825
Ion Ratio Lower Upper
152 100
150 148.9 128.9 193.3
115 67.9 53.0 79.6

Manual Integrations
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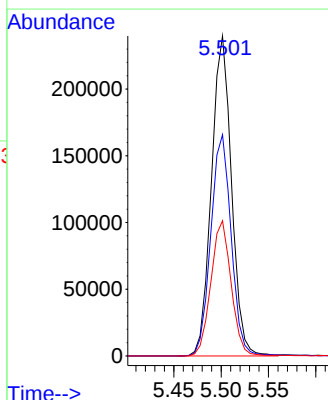
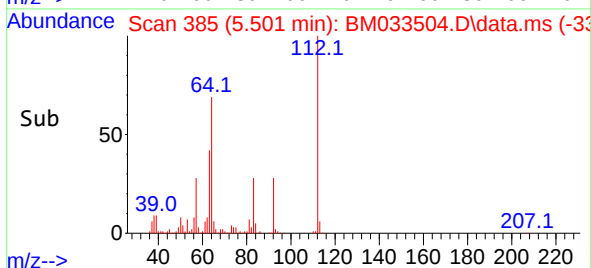
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Supervised By :Jagrut Upadhyay 12/20/2021

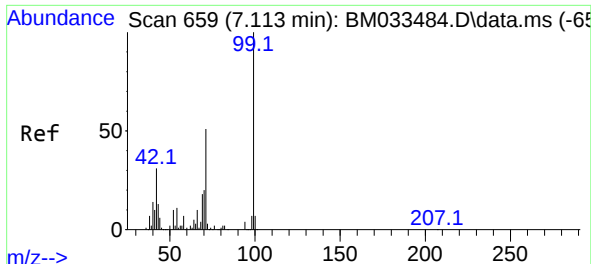


#5
2-Fluorophenol
Concen: 104.680 ng
RT: 5.501 min Scan# 385
Delta R.T. -0.001 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



Tgt Ion:112 Resp: 353379
Ion Ratio Lower Upper
112 100
64 69.1 55.5 83.3
63 42.2 31.3 46.9





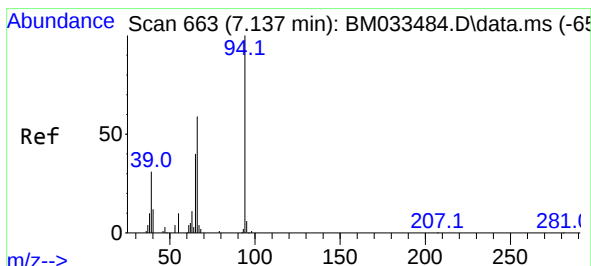
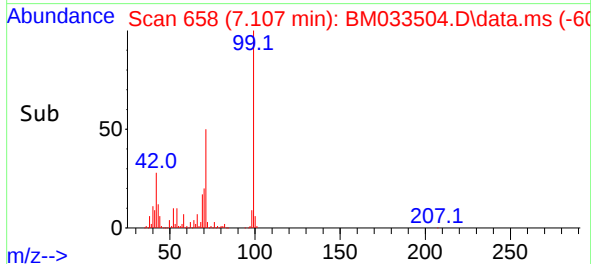
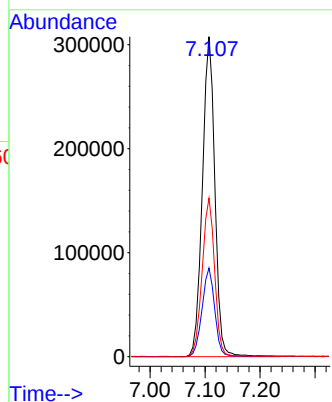
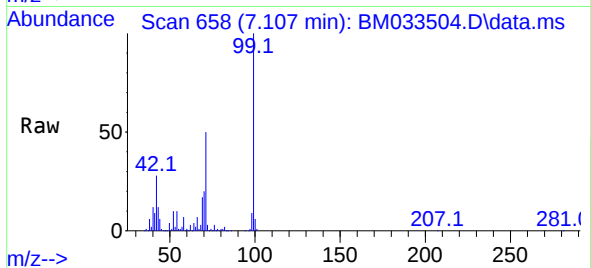
#7
Phenol-d6
Concen: 107.251 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

Instrument :
BNA_M
ClientSampleId :
BB1

Tgt Ion: 99 Resp: 485884
Ion Ratio Lower Upper
99 100
42 27.7 20.3 30.5
71 49.5 34.5 51.7

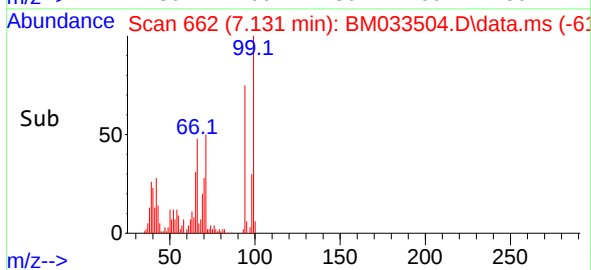
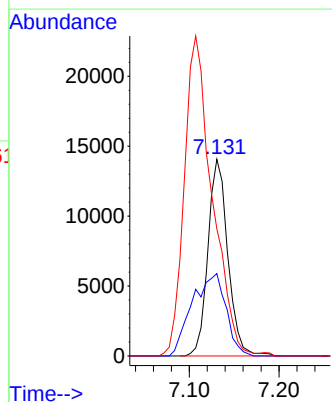
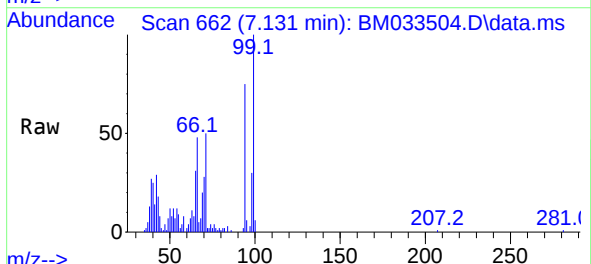
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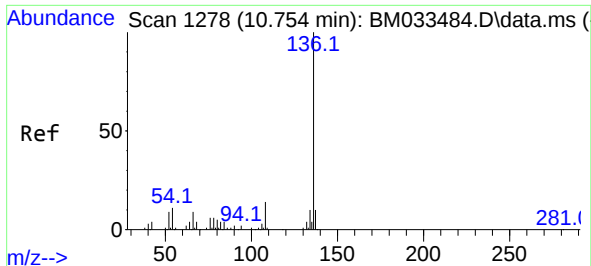
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#10
Phenol
Concen: 4.741 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

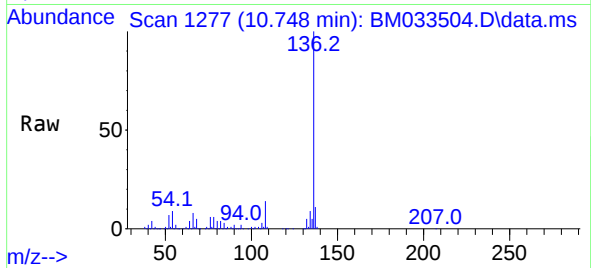
Tgt Ion: 94 Resp: 21698
Ion Ratio Lower Upper
94 100
65 41.9 15.5 55.5
66 64.6 28.5 68.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

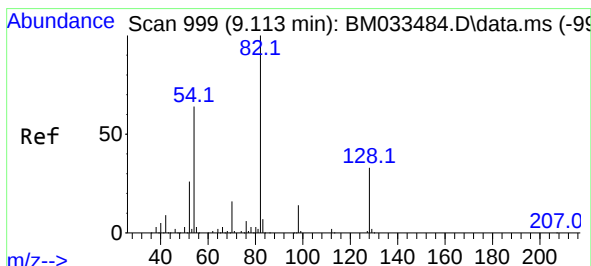
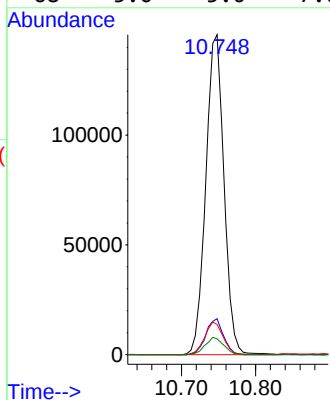
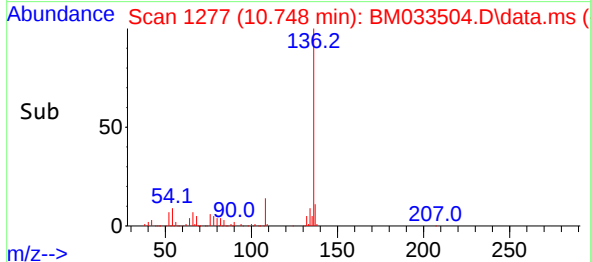
Instrument :
BNA_M
ClientSampleId :
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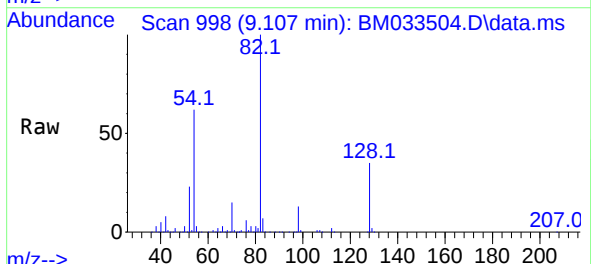
Tgt Ion:136 Resp: 24826
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.5 8.3 12.5
68 5.0 5.0 7.6#

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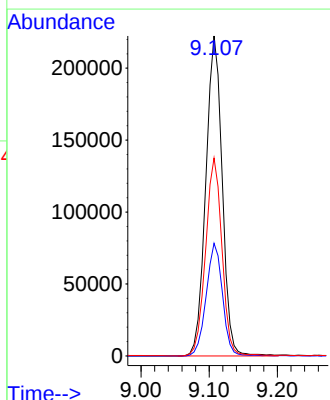
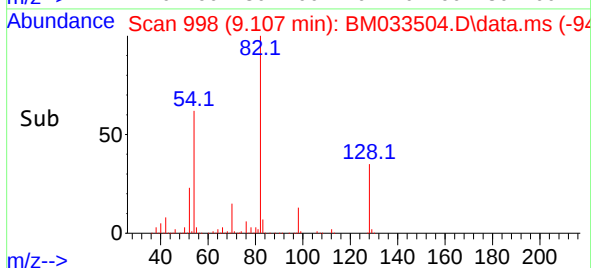
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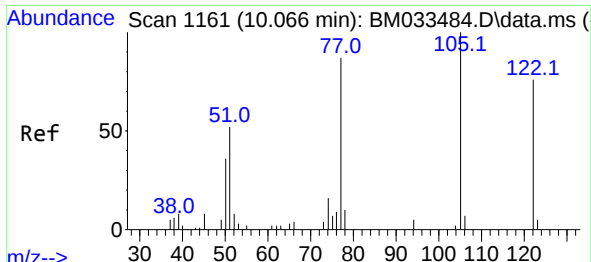


#23
Nitrobenzene-d5
Concen: 64.566 ng
RT: 9.107 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



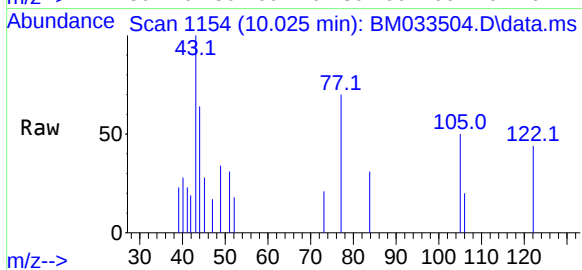
Tgt Ion: 82 Resp: 373322
Ion Ratio Lower Upper
82 100
128 35.2 28.1 42.1
54 61.9 46.1 69.1





#32
Benzoic acid
Concen: 3.307 ng
RT: 10.025 min Scan# 1161
Delta R.T. -0.041 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

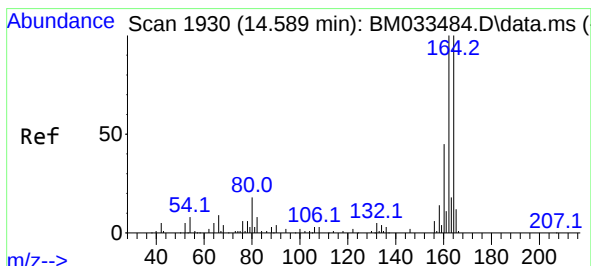
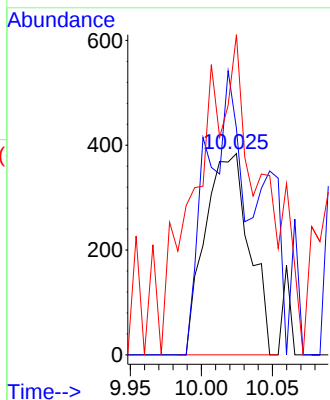
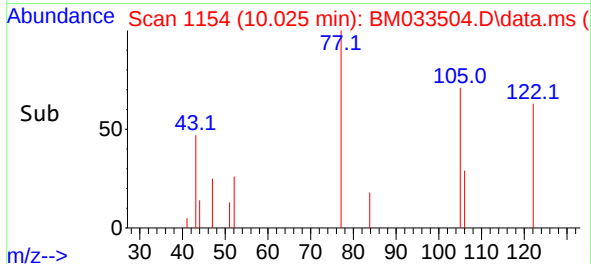
Instrument :
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ClientSampleId :
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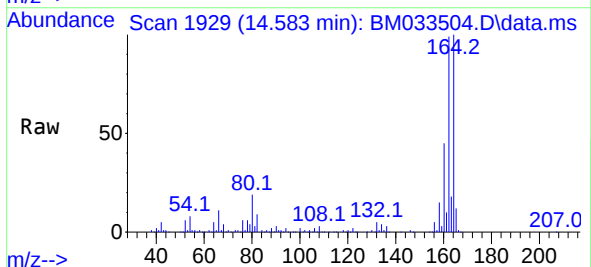
Tgt Ion:122 Resp: 833
Ion Ratio Lower Upper
122 100
105 112.5 119.6 159.6
77 159.1 101.0 141.0

Manual Integrations
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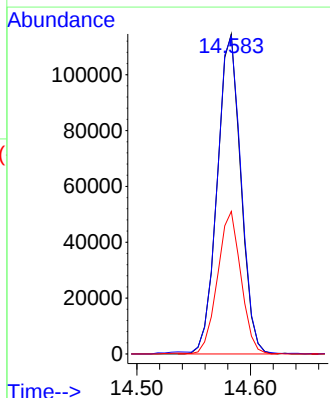
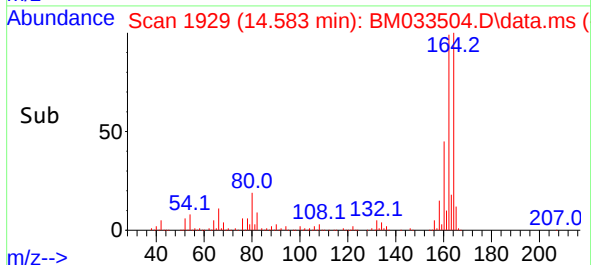
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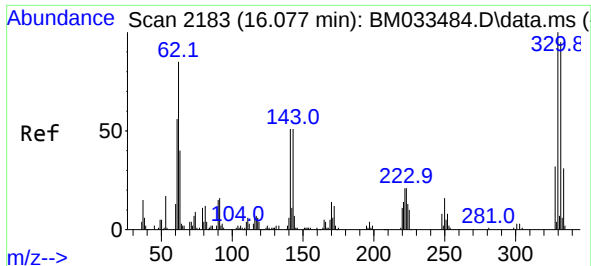


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



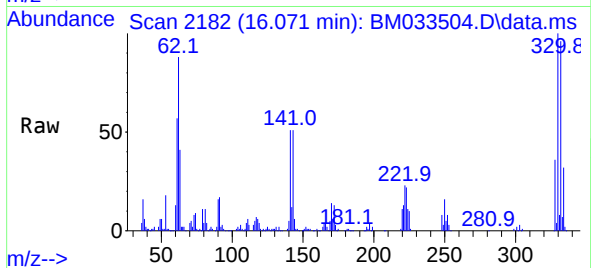
Tgt Ion:164 Resp: 164840
Ion Ratio Lower Upper
164 100
162 99.3 79.7 119.5
160 44.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 90.424 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

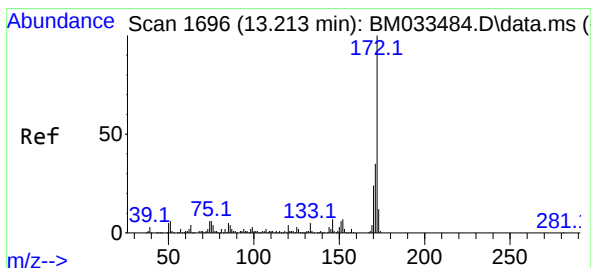
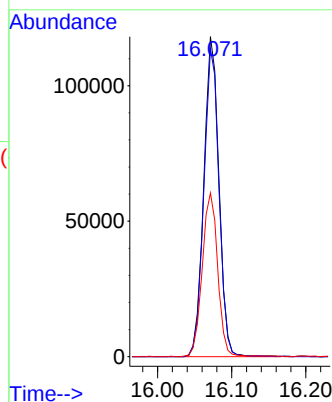
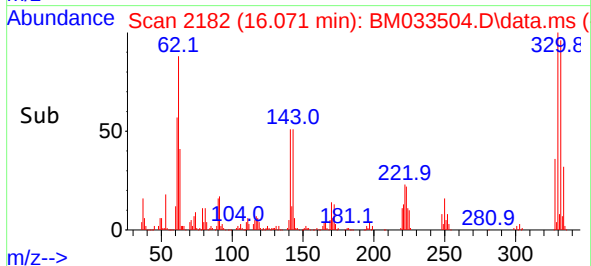
Instrument :
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BB1



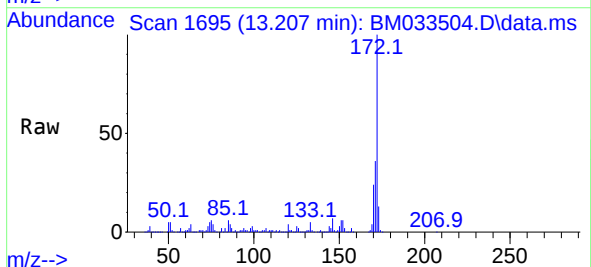
Tgt Ion:330 Resp: 16767
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 52.1 35.9 53.9

Manual Integrations
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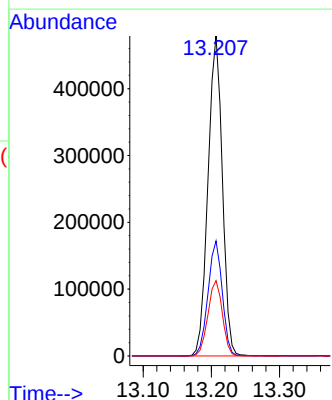
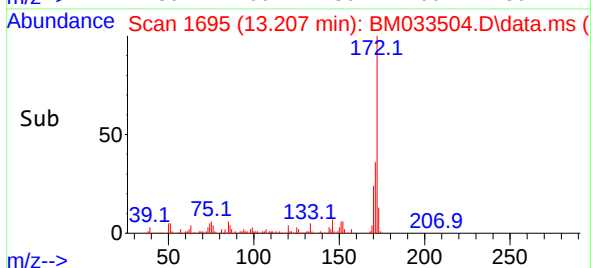
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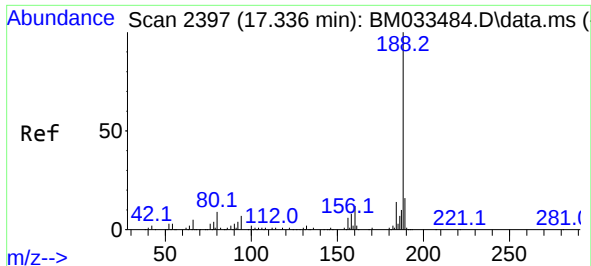


#45
2-Fluorobiphenyl
Concen: 58.874 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



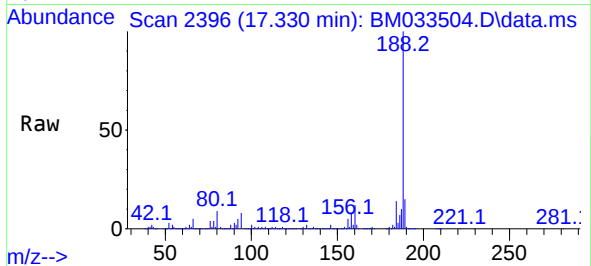
Tgt Ion:172 Resp: 701560
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

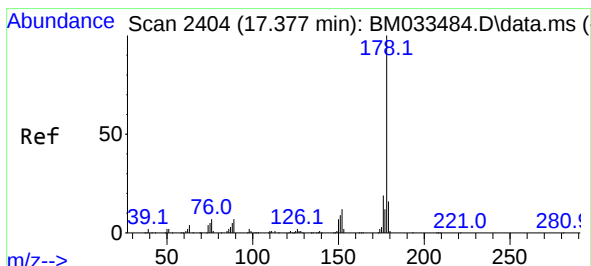
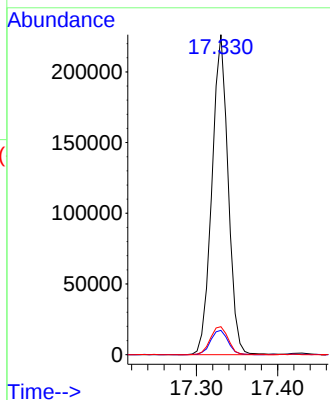
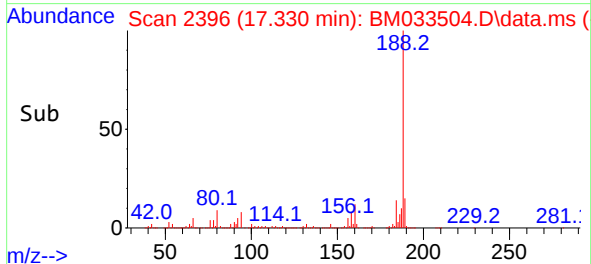
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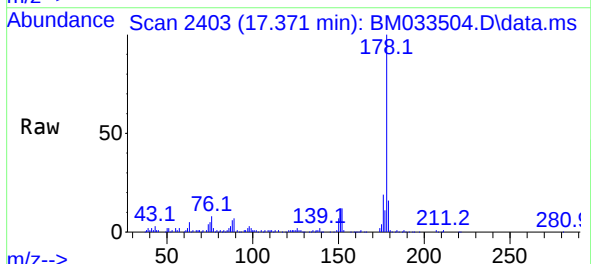
Tgt Ion:188 Resp: 313494
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 8.7 8.9 13.3

Manual Integrations
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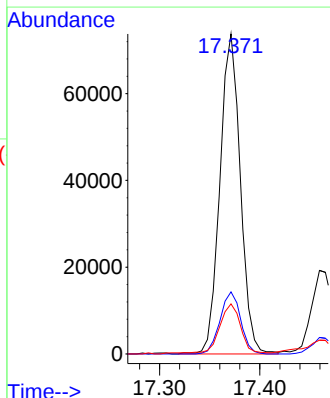
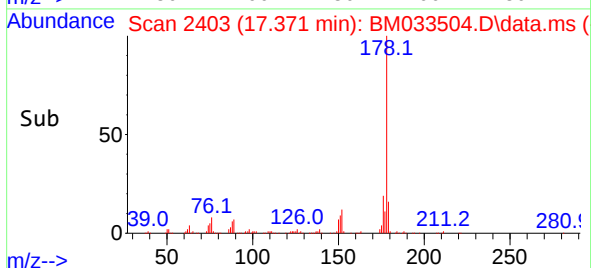
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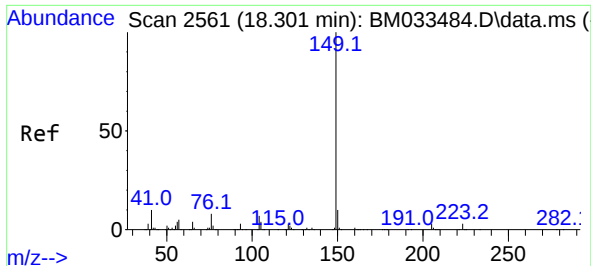


#71
Phenanthrene
Concen: 5.982 ng
RT: 17.371 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



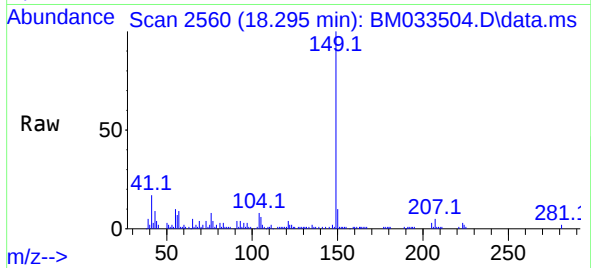
Tgt Ion:178 Resp: 104367
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.7 12.0 18.0





#74
Di-n-butylphthalate
Concen: 2.041 ng
RT: 18.295 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

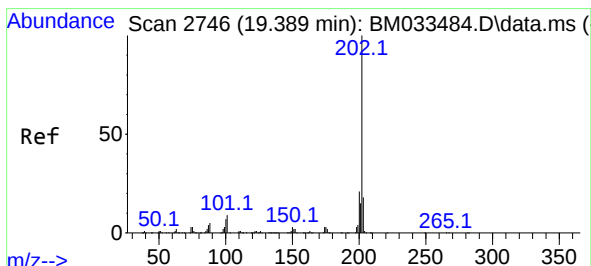
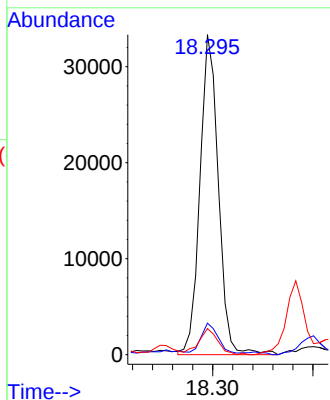
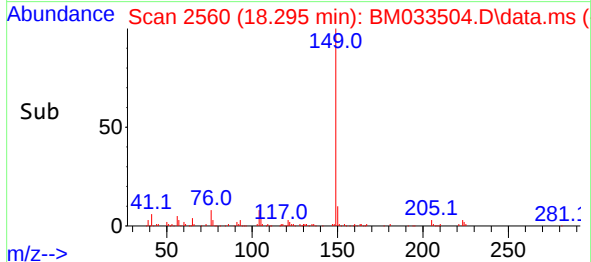
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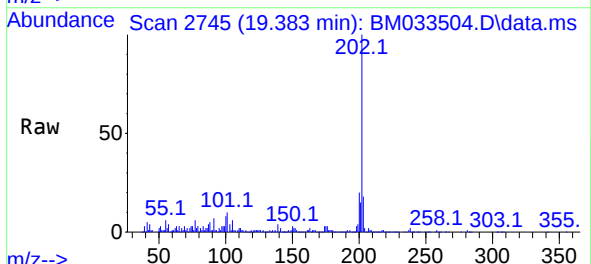
Tgt Ion:149 Resp: 42739
Ion Ratio Lower Upper
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150 9.8 7.3 10.9
104 8.1 4.6 6.8

Manual Integrations
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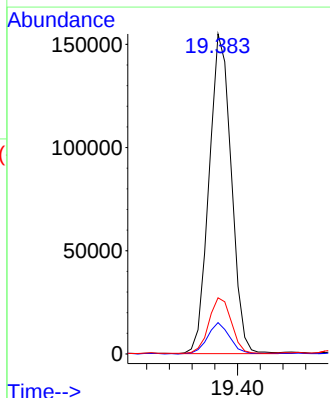
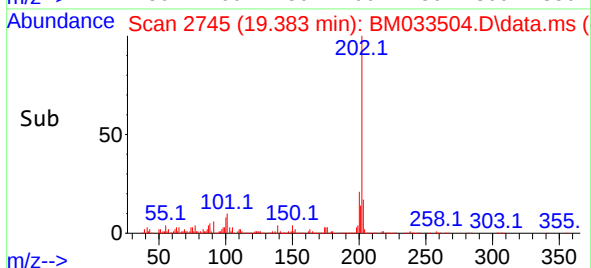
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

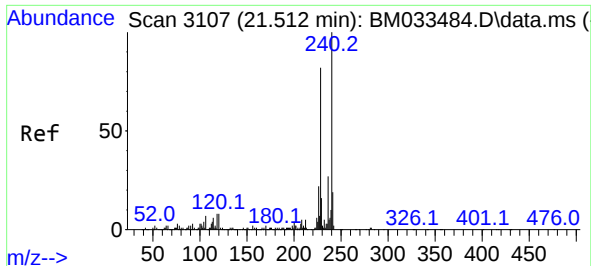


#75
Fluoranthene
Concen: 10.494 ng
RT: 19.383 min Scan# 2745
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



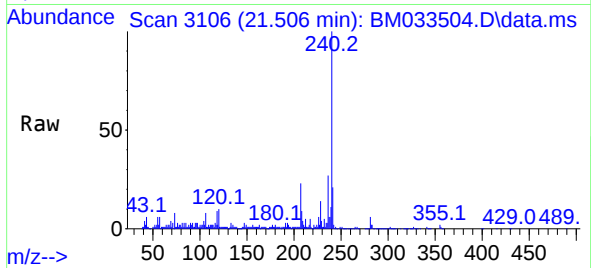
Tgt Ion:202 Resp: 210627
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.8
203 17.6 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

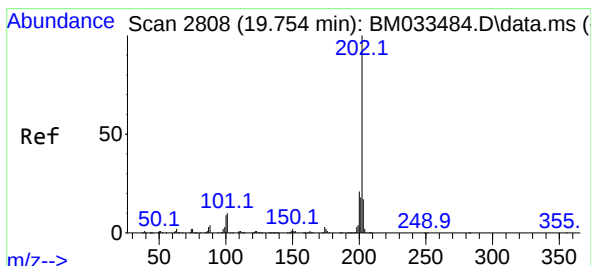
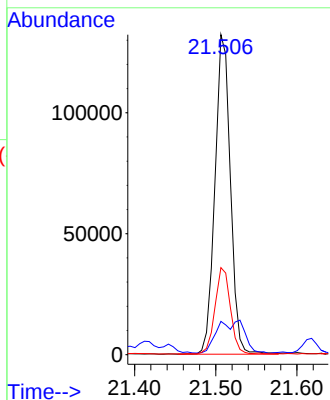
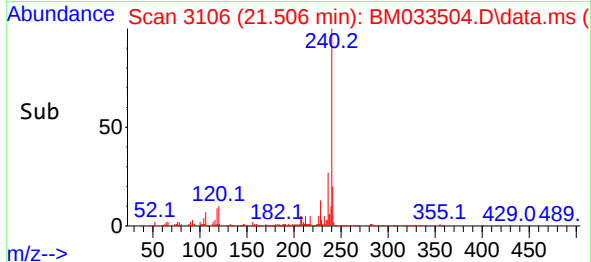
Instrument :
BNA_M
ClientSampleId :
BB1



Tgt Ion:240 Resp: 174939
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 27.2 20.3 30.5

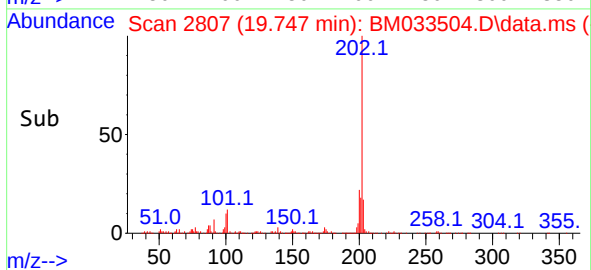
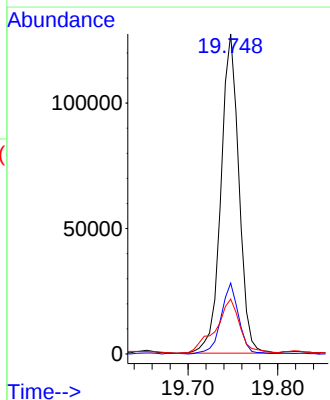
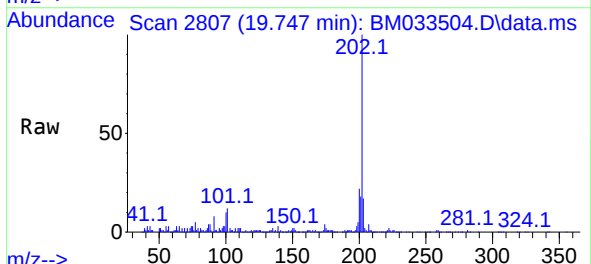
Manual Integrations
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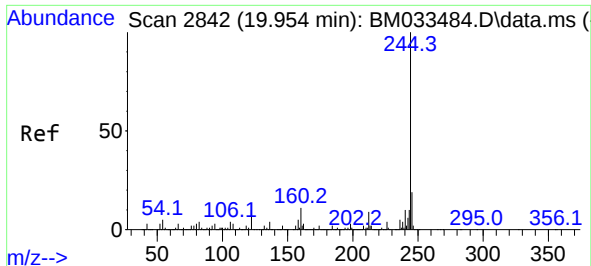
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#78
Pyrene
Concen: 12.830 ng
RT: 19.747 min Scan# 2807
Delta R.T. -0.007 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

Tgt Ion:202 Resp: 177085
Ion Ratio Lower Upper
202 100
200 22.1 16.4 24.6
203 17.2 13.5 20.3





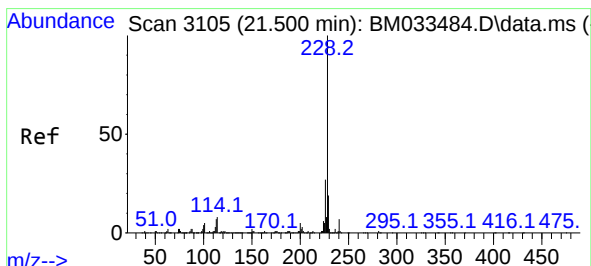
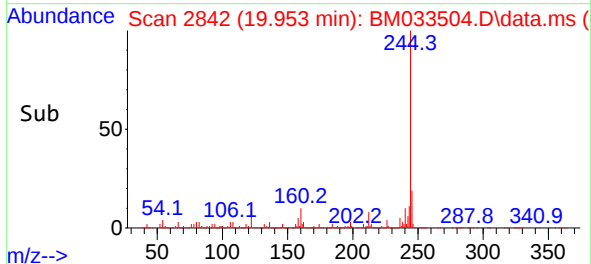
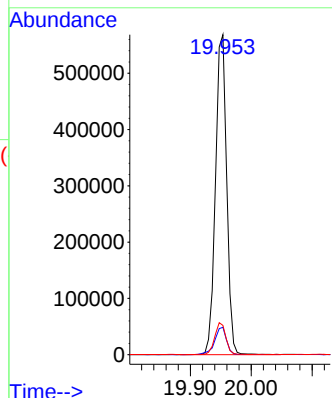
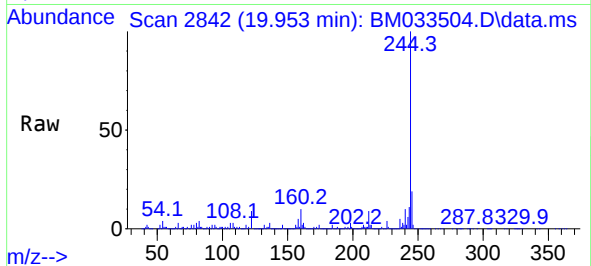
#79
 Terphenyl-d14
 Concen: 65.390 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM033504.D
 Acq: 17 Dec 2021 13:45

Instrument :
 BNA_M
 ClientSampleId :
 BB1

Tgt Ion:244 Resp: 726600
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.9 8.9
 122 9.2 8.4 12.6

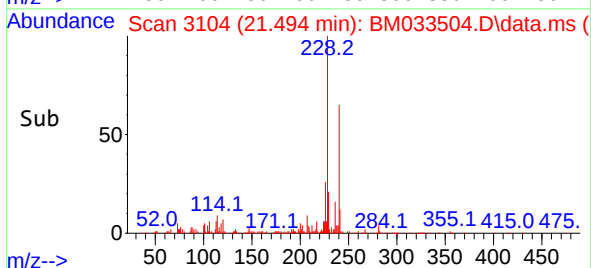
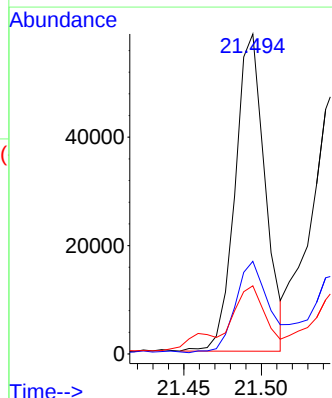
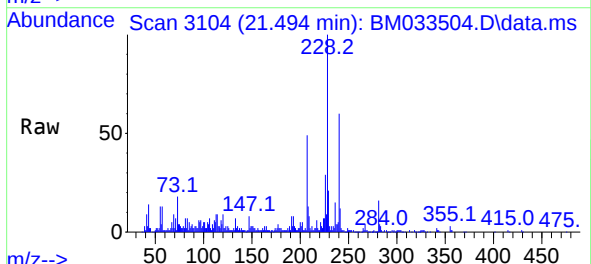
Manual Integrations
 APPROVED

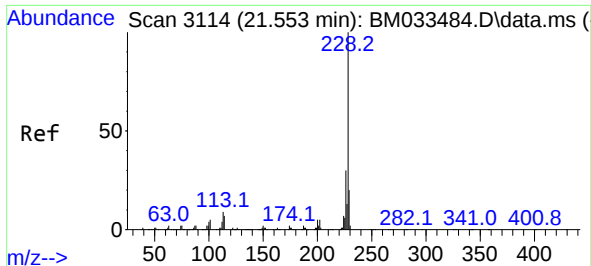
Reviewed By :Christian Giraldo 12/18/2021
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#81
 Benzo(a)anthracene
 Concen: 6.702 ng
 RT: 21.494 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BM033504.D
 Acq: 17 Dec 2021 13:45

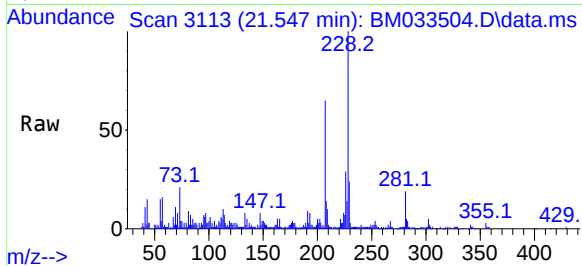
Tgt Ion:228 Resp: 78579
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.0 31.6
 229 21.3 15.5 23.3





#83
Chrysene
Concen: 7.135 ng m
RT: 21.547 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

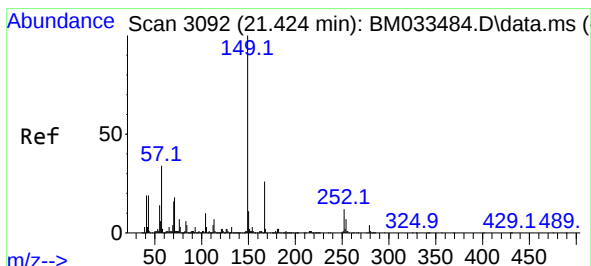
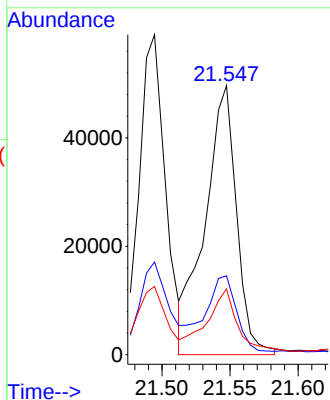
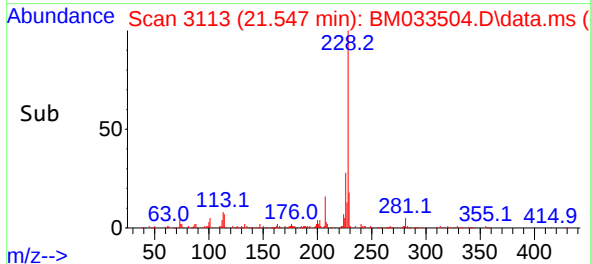
Instrument :
BNA_M
ClientSampleId :
BB1



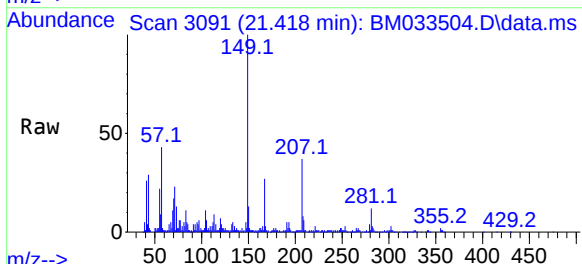
Tgt Ion:228 Resp: 80547
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.8
229 24.4 15.8 23.8

Manual Integrations
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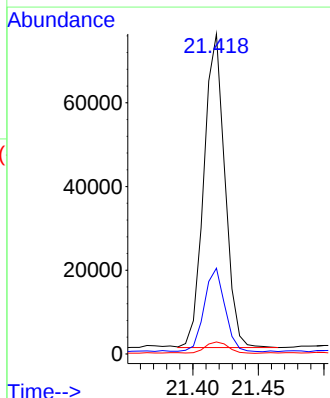
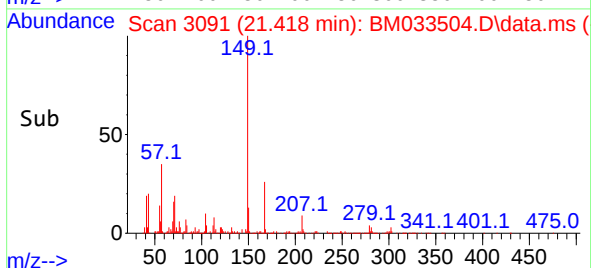
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

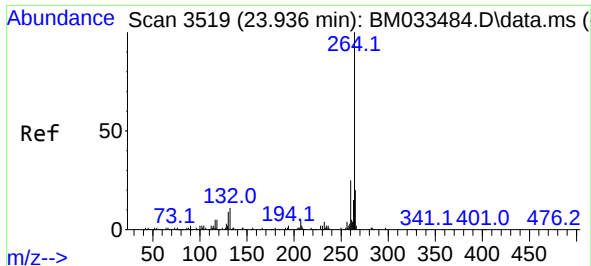


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.231 ng
RT: 21.418 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



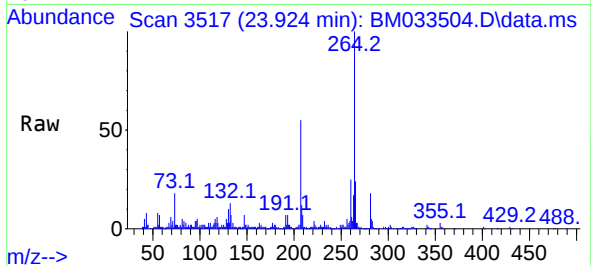
Tgt Ion:149 Resp: 83578
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 3.8 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.924 min Scan# 3519
Delta R.T. -0.012 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

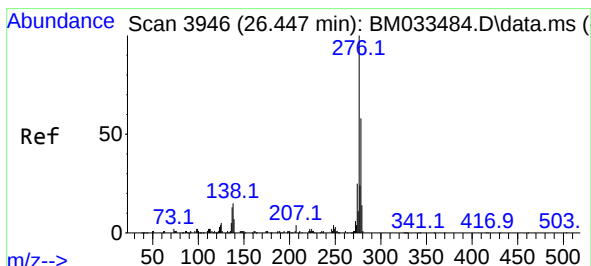
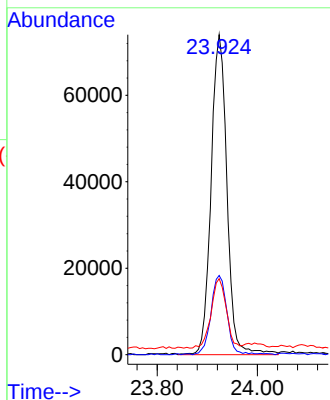
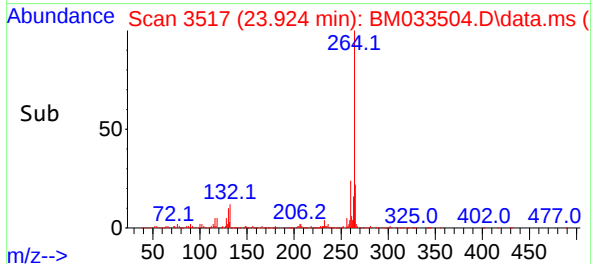
Instrument :
BNA_M
ClientSampleId :
BB1



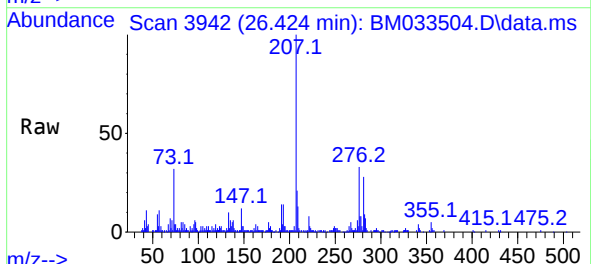
Tgt Ion:264 Resp: 162879
Ion Ratio Lower Upper
264 100
260 24.8 17.7 26.5
265 23.8 17.7 26.5

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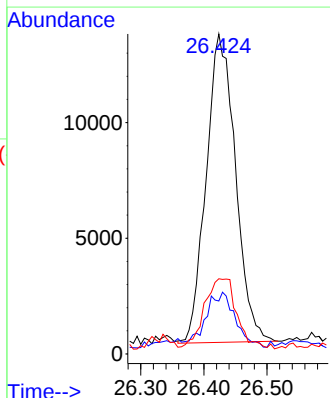
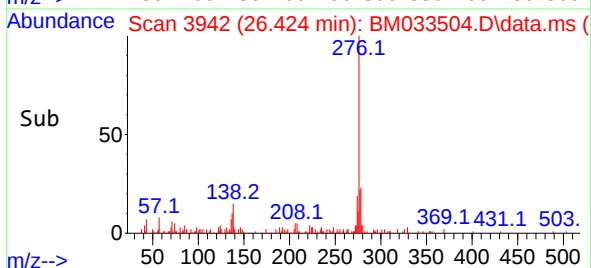
Reviewed By :Christian Giraldo 12/18/2021
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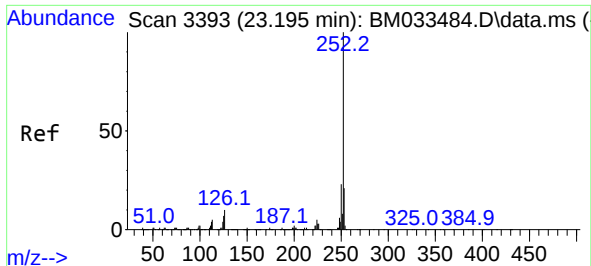


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.718 ng
RT: 26.424 min Scan# 3942
Delta R.T. -0.023 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



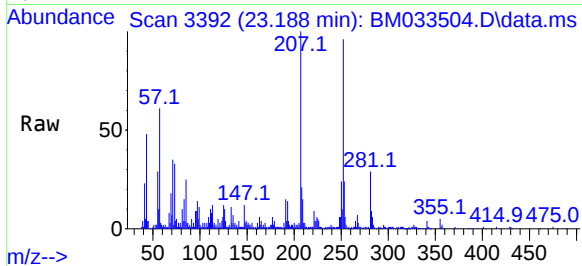
Tgt Ion:276 Resp: 42941
Ion Ratio Lower Upper
276 100
138 17.9 18.7 28.1#
277 24.9 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 8.980 ng m
RT: 23.188 min Scan# 3392
Delta R.T. -0.007 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

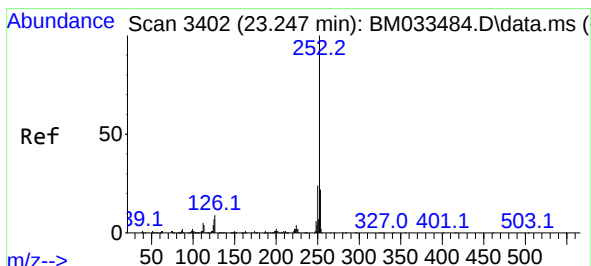
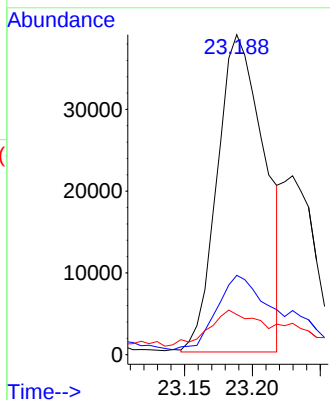
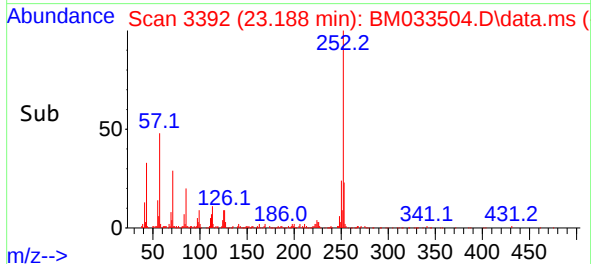
Instrument :
BNA_M
ClientSampleId :
BB1



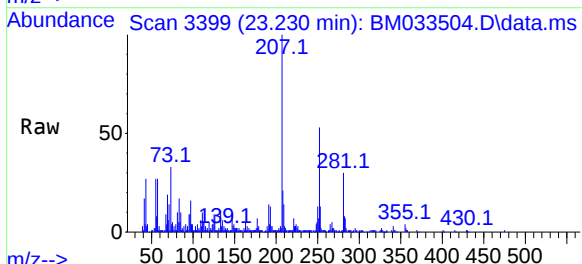
Tgt Ion:252 Resp: 9379
Ion Ratio Lower Upper
252 100
253 24.8 17.1 25.7
125 12.6 7.4 11.2

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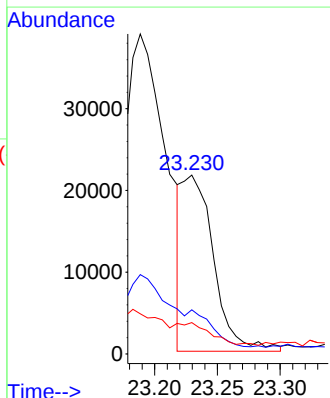
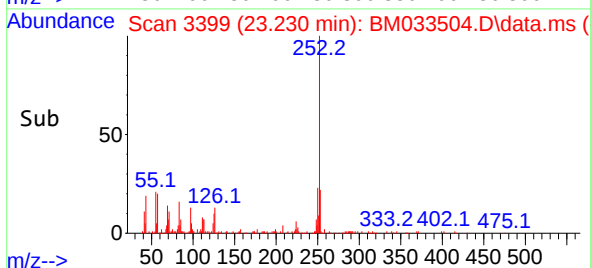
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

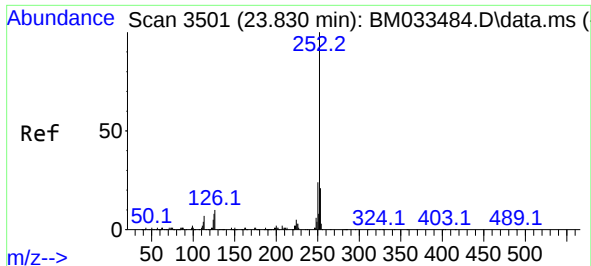


#89
Benzo(k)fluoranthene
Concen: 3.548 ng m
RT: 23.230 min Scan# 3399
Delta R.T. -0.017 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45



Tgt Ion:252 Resp: 37485
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 17.6 8.1 12.1





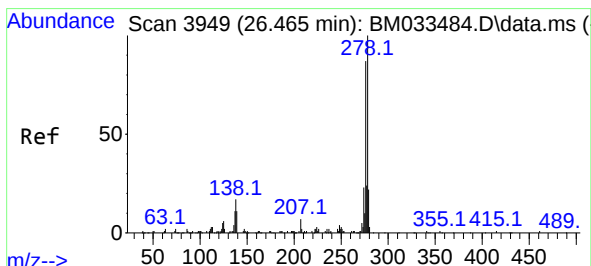
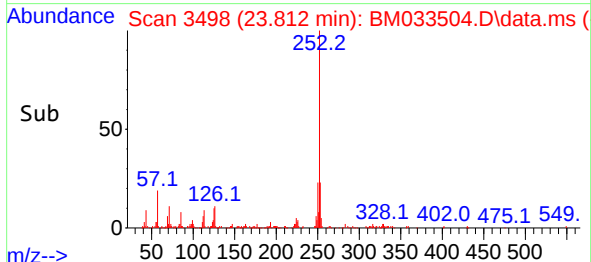
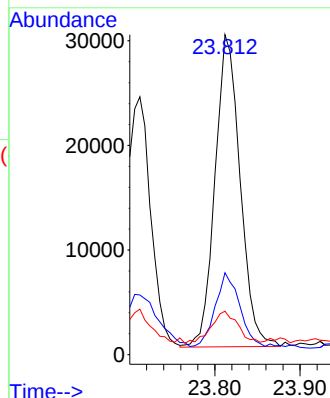
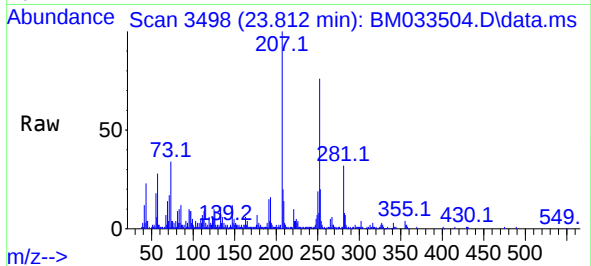
#90
Benzo(a)pyrene
Concen: 7.807 ng
RT: 23.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

Instrument :
BNA_M
ClientSampleId :
BB1

Tgt Ion:252 Resp: 61018
Ion Ratio Lower Upper
252 100
253 25.6 17.5 26.3
125 13.6 7.8 11.8

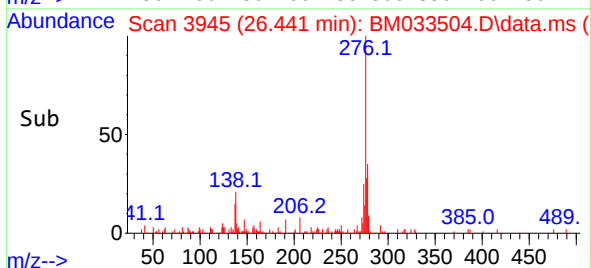
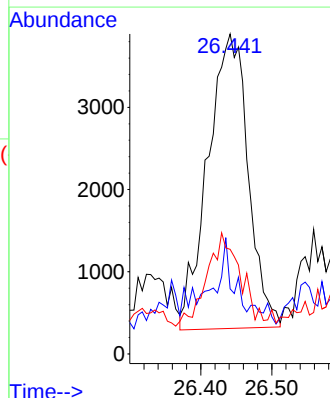
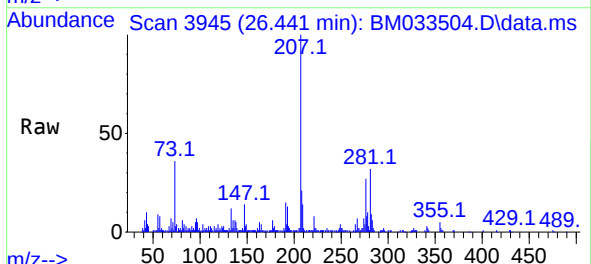
Manual Integrations
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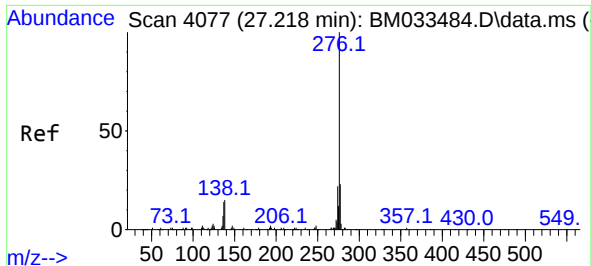
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#91
Dibenzo(a,h)anthracene
Concen: 2.505 ng
RT: 26.441 min Scan# 3945
Delta R.T. -0.024 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

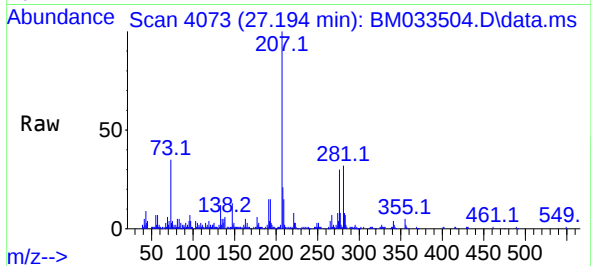
Tgt Ion:278 Resp: 14112
Ion Ratio Lower Upper
278 100
139 20.3 10.9 16.3#
279 32.7 17.7 26.5#





#92
Benzo(g,h,i)perylene
Concen: 6.008 ng
RT: 27.194 min Scan# 4073
Delta R.T. -0.024 min
Lab File: BM033504.D
Acq: 17 Dec 2021 13:45

Instrument :
BNA_M
ClientSampleId :
BB1



Tgt Ion: 276 Resp: 43520
Ion Ratio Lower Upper
276 100
277 28.0 19.1 28.7
138 20.4 14.8 22.2

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Supervised By : Jagrut Upadhyay 12/20/2021

