

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038796.D
 Acq On : 20 Feb 2023 20:49
 Operator : CG/JU
 Sample : 01611-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB02

Quant Time: Feb 21 02:10:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	47519	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	162661	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	93317	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	178635	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	183729	20.000	ng	0.00
86) Perylene-d12	23.844	264	240919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	409175	168.677	ng	0.00
7) Phenol-d6	7.057	99	471453	170.404	ng	0.00
23) Nitrobenzene-d5	9.057	82	277132	96.773	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	204335	161.099	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	740901	101.079	ng	0.00
79) Terphenyl-d14	19.903	244	1192232	114.511	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.339	202	38413	3.449	ng	98
78) Pyrene	19.703	202	40341	2.852	ng	99
88) Benzo(b)fluoranthene	23.121	252	29874m	2.070	ng	

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

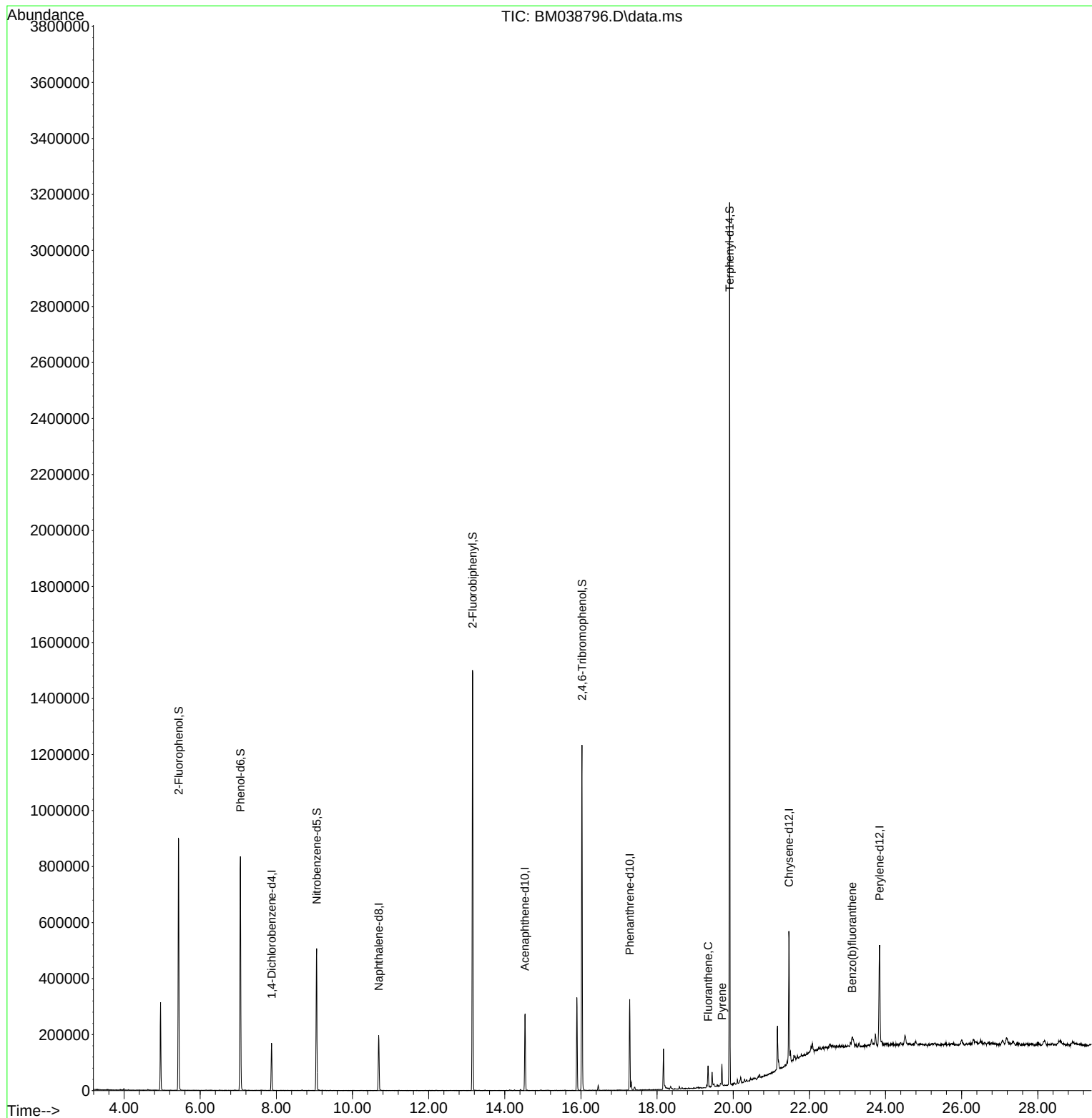
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
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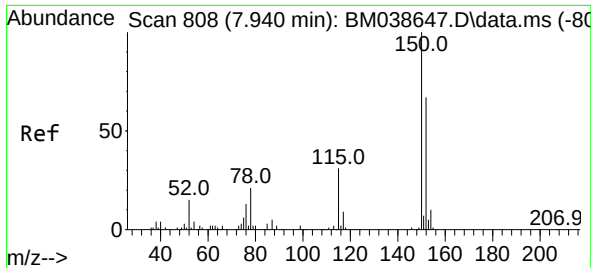
Instrument :
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Quant Time: Feb 21 02:10:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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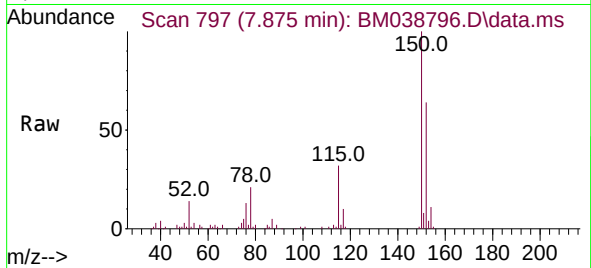
Reviewed By : Christian Giraldo 02/21/2023
Supervised By : Jagrut Upadhyay 02/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

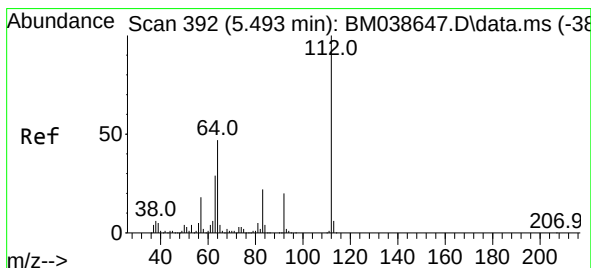
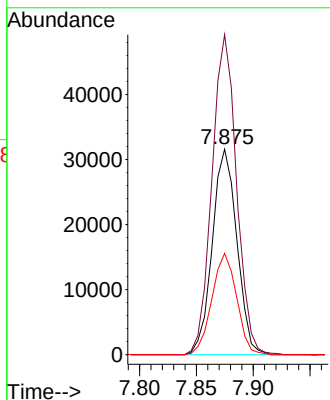
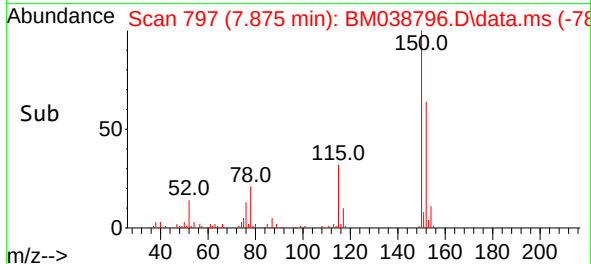
Instrument :
BNA_M
ClientSampleId :
B-26-SB02



Tgt Ion:152 Resp: 47519
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 49.3 37.6 56.4

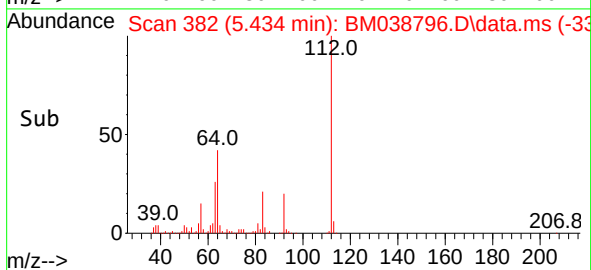
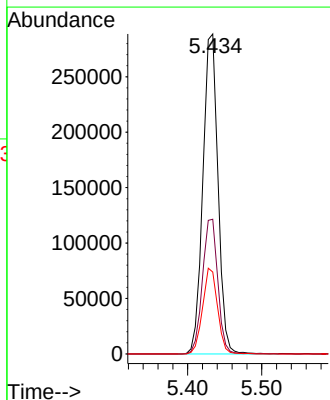
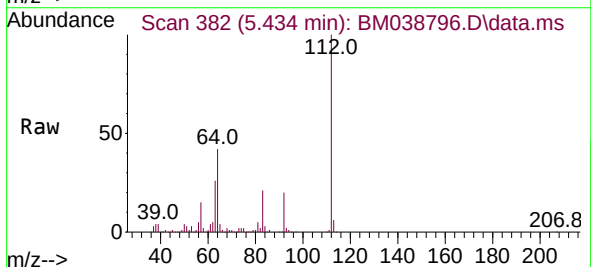
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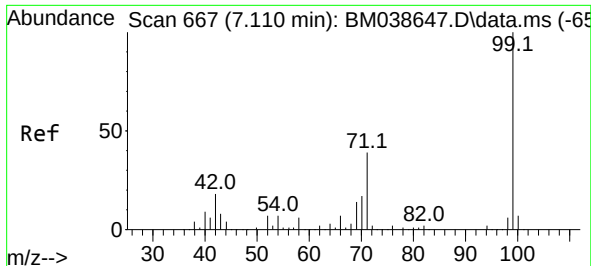
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#5
2-Fluorophenol
Concen: 168.677 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:112 Resp: 409175
Ion Ratio Lower Upper
112 100
64 42.1 37.9 56.9
63 25.6 23.3 34.9





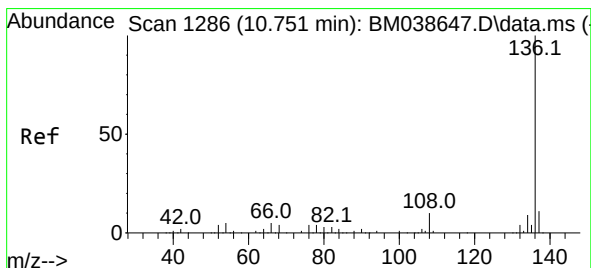
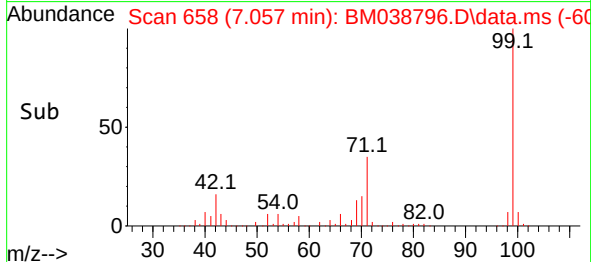
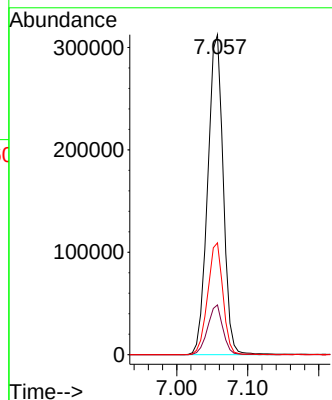
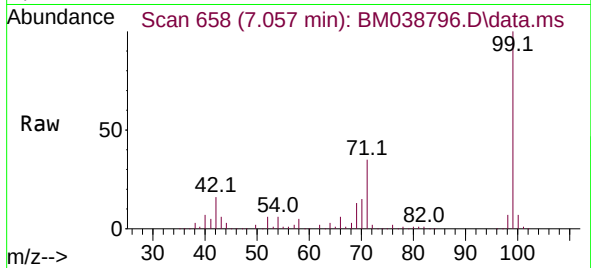
#7
Phenol-d6
Concen: 170.404 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Instrument :
BNA_M
ClientSampleId :
B-26-SB02

Tgt Ion: 99 Resp: 471453
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 34.9 31.0 46.4

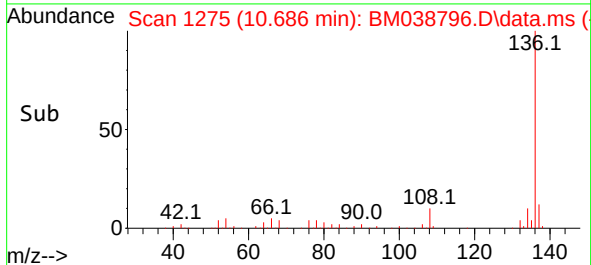
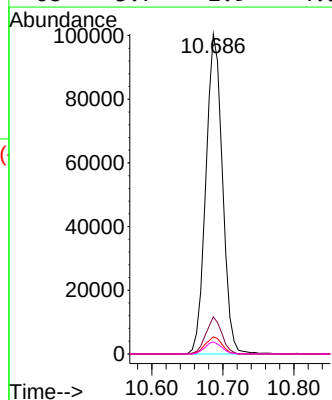
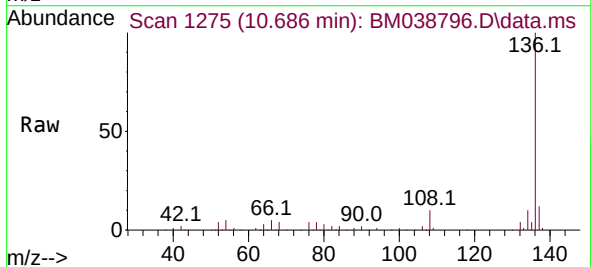
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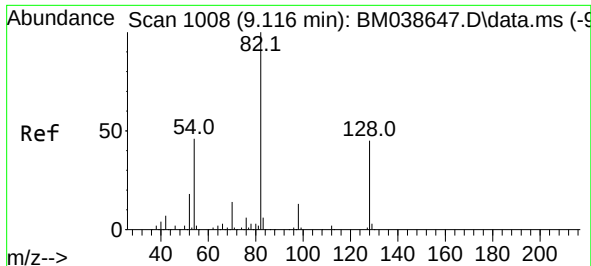
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

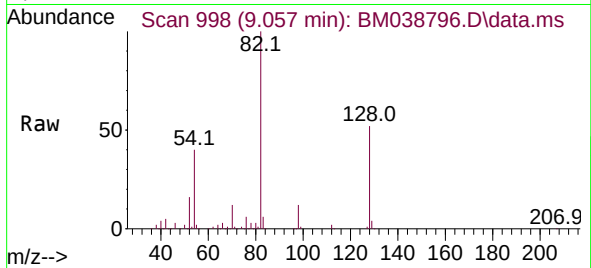
Tgt Ion:136 Resp: 162661
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.3 4.2 6.4
68 3.7 2.9 4.3





#23
Nitrobenzene-d5
Concen: 96.773 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

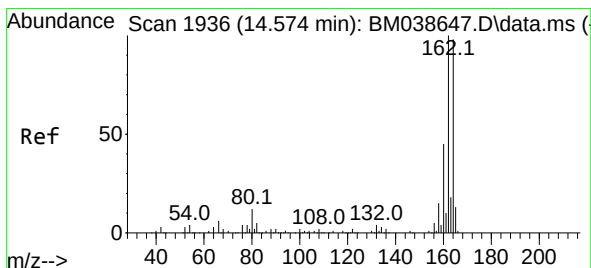
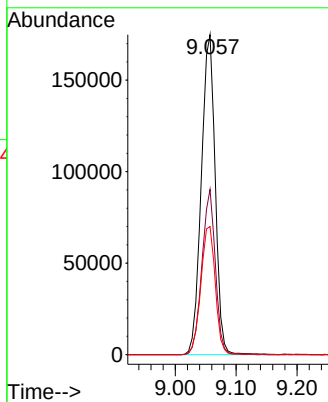
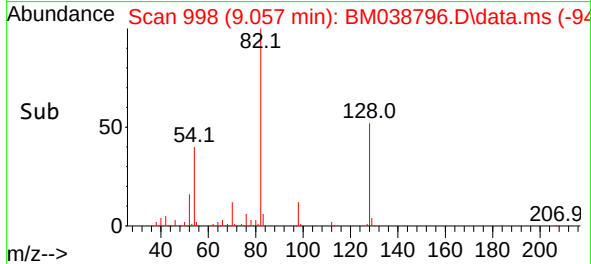
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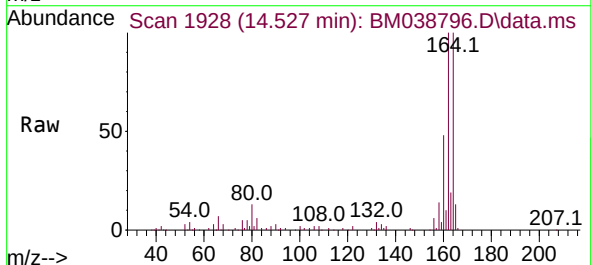
Tgt Ion: 82 Resp: 277132
Ion Ratio Lower Upper
82 100
128 51.6 36.0 54.0
54 40.0 36.8 55.2

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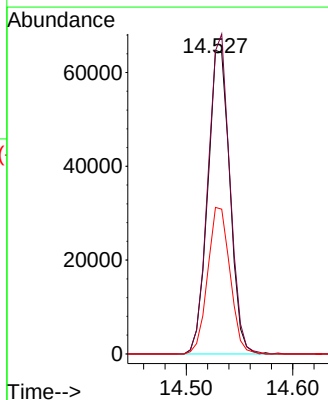
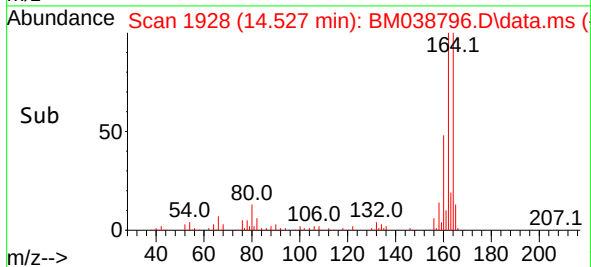
Reviewed By :Christian Giraldo 02/21/2023
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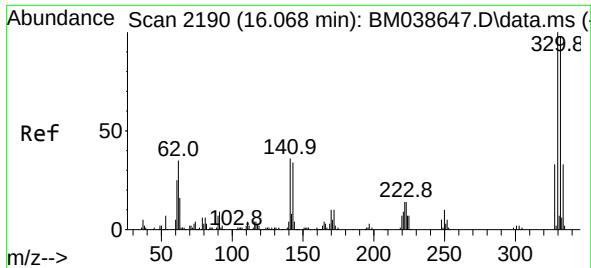


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49



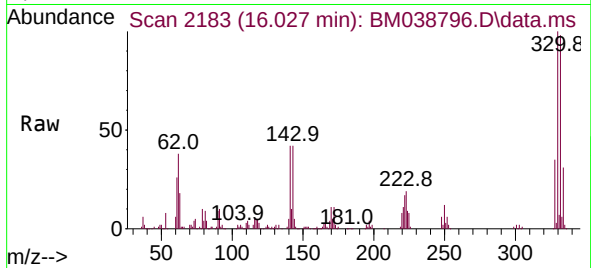
Tgt Ion:164 Resp: 93317
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 48.2 36.5 54.7





#42
2,4,6-Tribromophenol
Concen: 161.099 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

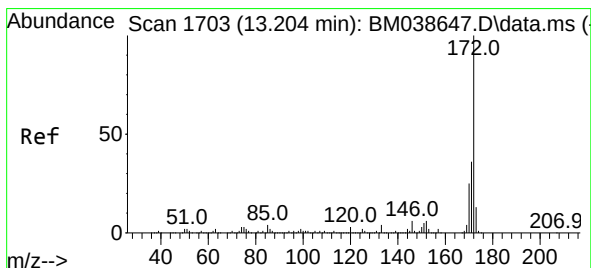
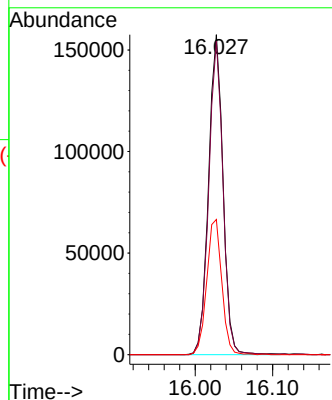
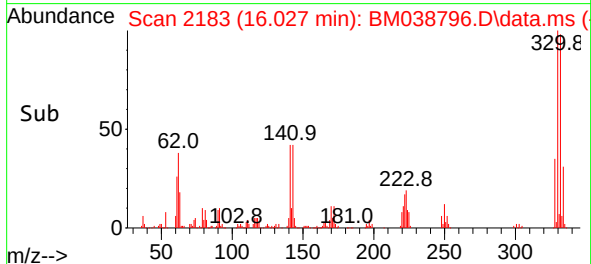
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B-26-SB02



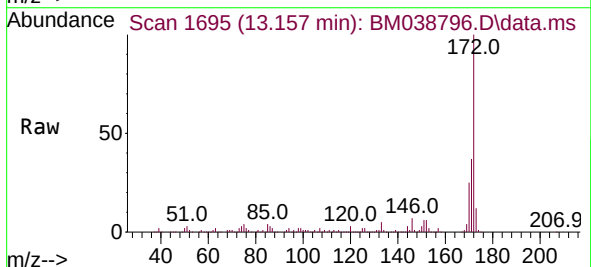
Tgt Ion:330 Resp: 204335
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 43.9 31.0 46.6

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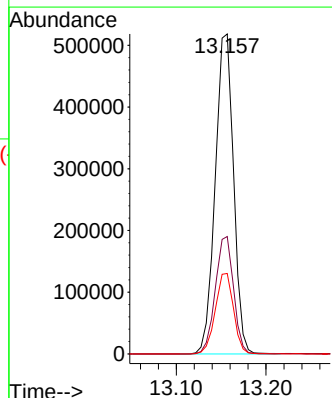
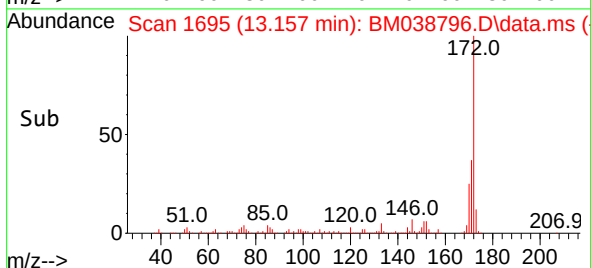
Reviewed By :Christian Giraldo 02/21/2023
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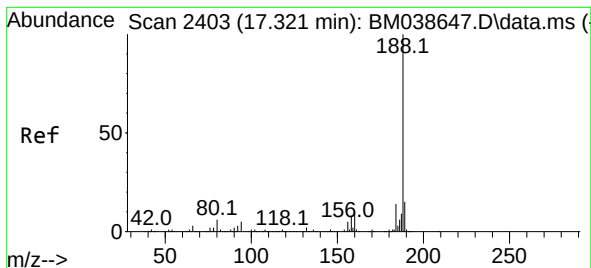


#45
2-Fluorobiphenyl
Concen: 101.079 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49



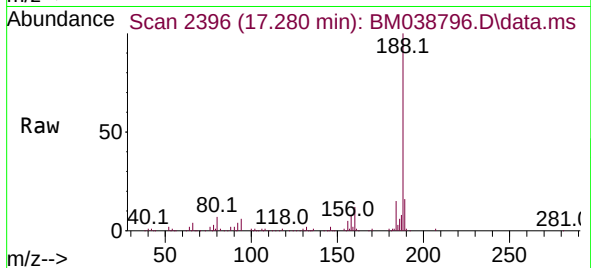
Tgt Ion:172 Resp: 740901
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.1 20.0 30.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

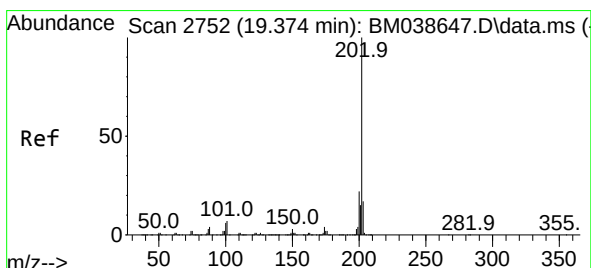
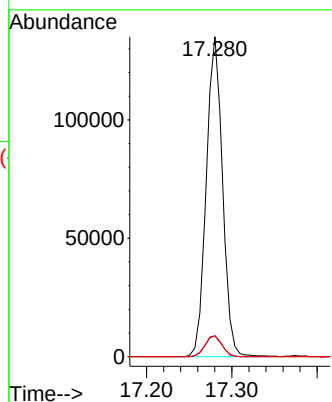
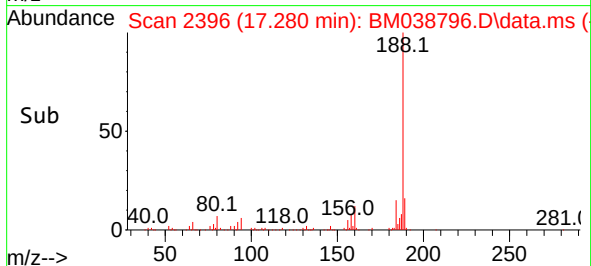
Instrument :
BNA_M
ClientSampleId :
B-26-SB02



Tgt Ion:188 Resp: 178635
Ion Ratio Lower Upper
188 100
94 6.5 4.2 6.4
80 6.5 4.6 7.0

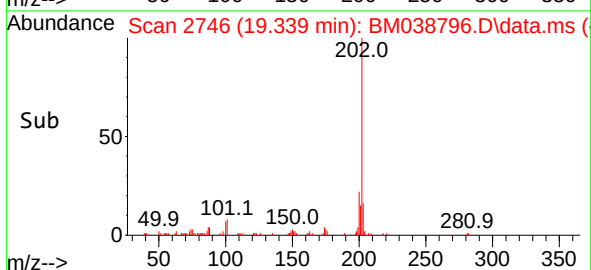
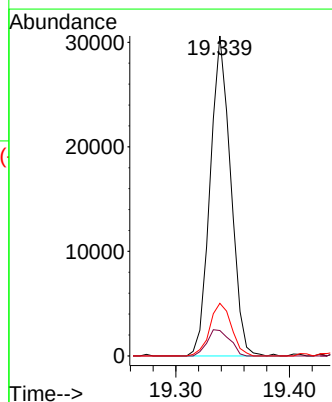
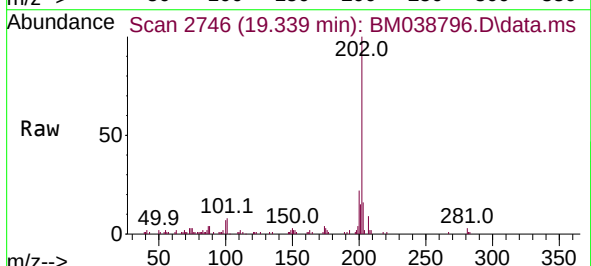
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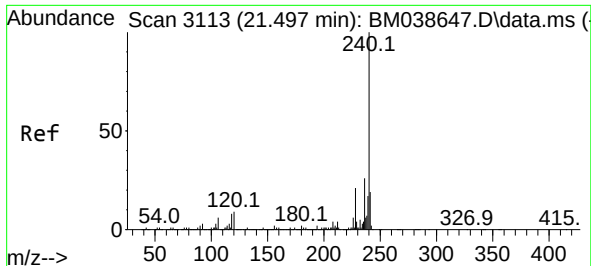
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#75
Fluoranthene
Concen: 3.449 ng
RT: 19.339 min Scan# 2746
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:202 Resp: 38413
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.4
203 16.4 0.0 37.3





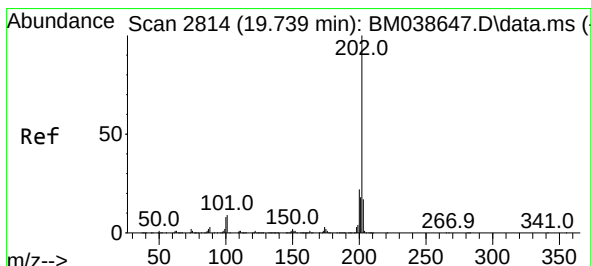
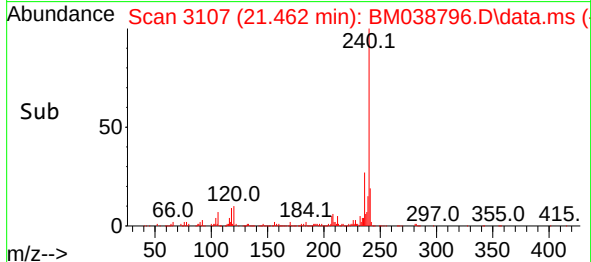
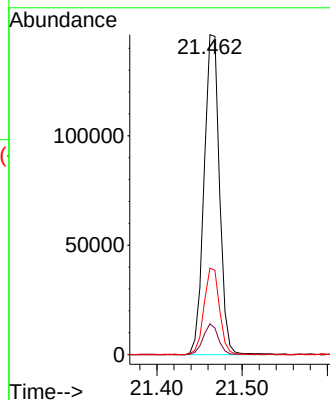
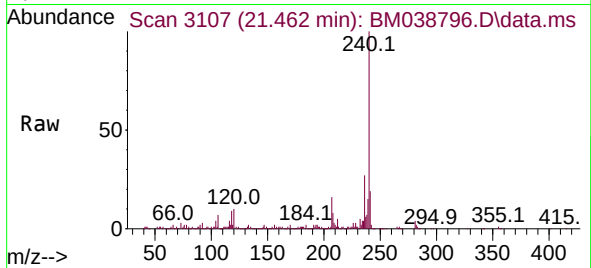
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Instrument :
BNA_M
ClientSampleId :
B-26-SB02

Tgt Ion:240 Resp: 183729
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.4
236 27.0 20.9 31.3

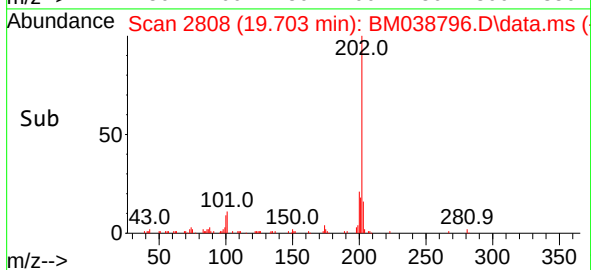
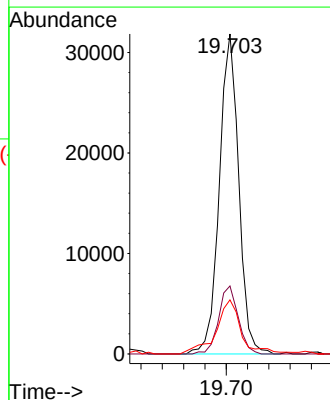
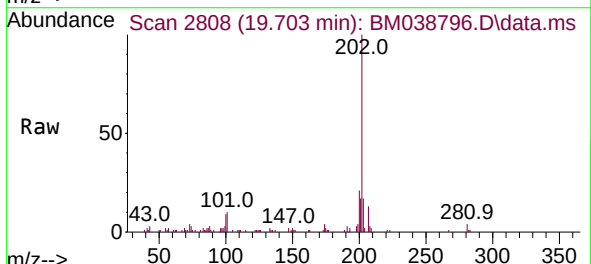
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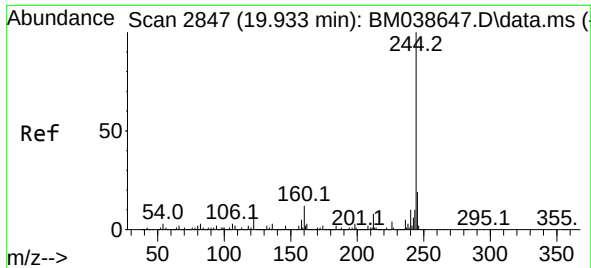
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#78
Pyrene
Concen: 2.852 ng
RT: 19.703 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

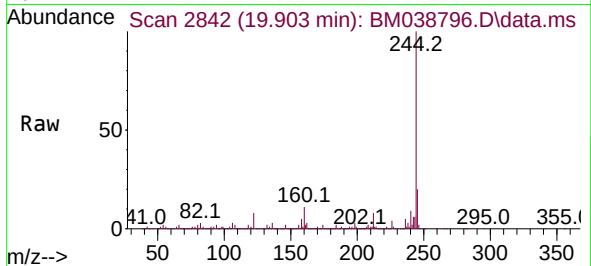
Tgt Ion:202 Resp: 40341
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 16.9 13.5 20.3





#79
 Terphenyl-d14
 Concen: 114.511 ng
 RT: 19.903 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BM038796.D
 Acq: 20 Feb 2023 20:49

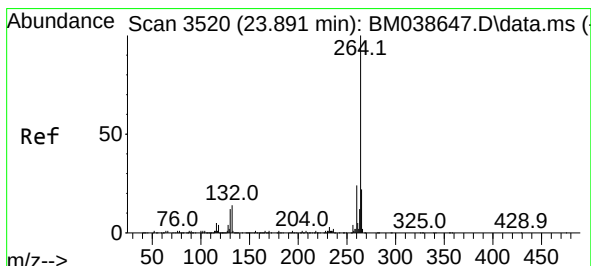
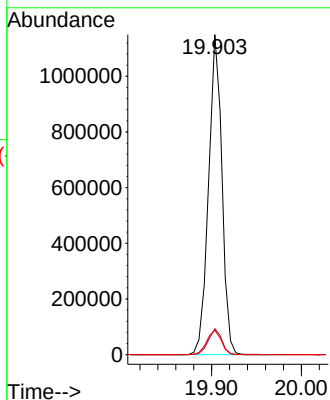
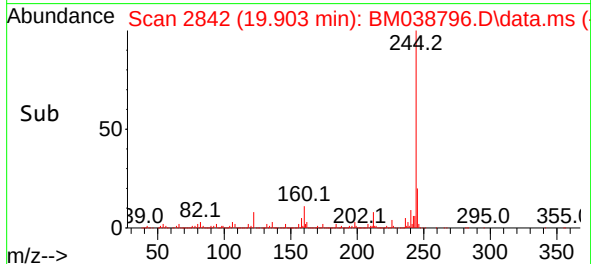
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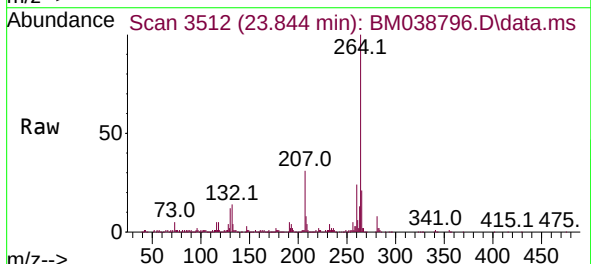
Tgt Ion:244 Resp: 1192232
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 7.6 7.8 11.8

Manual Integrations
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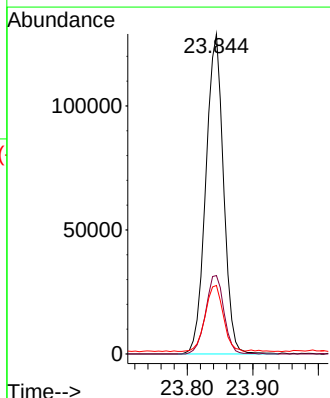
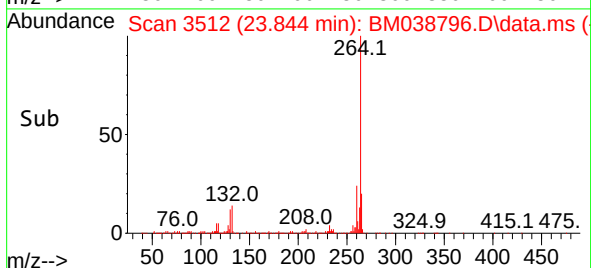
Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023

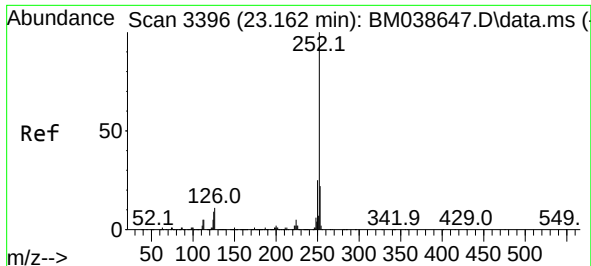


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BM038796.D
 Acq: 20 Feb 2023 20:49



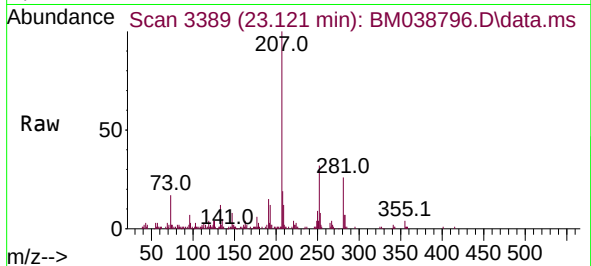
Tgt Ion:264 Resp: 240919
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.4 17.9 26.9





#88
 Benzo(b)fluoranthene
 Concen: 2.070 ng m
 RT: 23.121 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: BM038796.D
 Acq: 20 Feb 2023 20:49

Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB02



Tgt Ion:252 Resp: 29874
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.4 26.2
 125 10.9 7.0 10.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023

