

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039385.D
 Acq On : 10 Apr 2023 19:52
 Operator : CG/JU
 Sample : 02257-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ELI-SOLID-0407

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2023
 Supervised By : Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 02:14:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 02:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	219360	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	822395	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	448351	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	897649	20.000	ng	0.00
76) Chrysene-d12	21.468	240	843482	20.000	ng	0.00
86) Perylene-d12	23.868	264	971607	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	948543	65.148	ng	0.00
7) Phenol-d6	7.040	99	1177555	62.529	ng	0.00
23) Nitrobenzene-d5	9.039	82	701794	41.475	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	351230	61.713	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1391162	42.041	ng	0.00
79) Terphenyl-d14	19.903	244	1828011	40.041	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.315	178	260762	5.304	ng	98
75) Fluoranthene	19.333	202	709694	12.664	ng	94
78) Pyrene	19.698	202	569457	9.484	ng	# 95
81) Benzo(a)anthracene	21.450	228	282350	4.746	ng	# 93
83) Chrysene	21.503	228	343429	5.980	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.380	149	1229260	30.256	ng	100
87) Indeno(1,2,3-cd)pyrene	26.344	276	184797	2.581	ng	96
88) Benzo(b)fluoranthene	23.139	252	430467	7.241	ng	# 58
89) Benzo(k)fluoranthene	23.180	252	142888m	2.360	ng	
90) Benzo(a)pyrene	23.756	252	241201	4.130	ng	# 49
92) Benzo(g,h,i)perylene	27.115	276	192037	3.249	ng	# 85

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

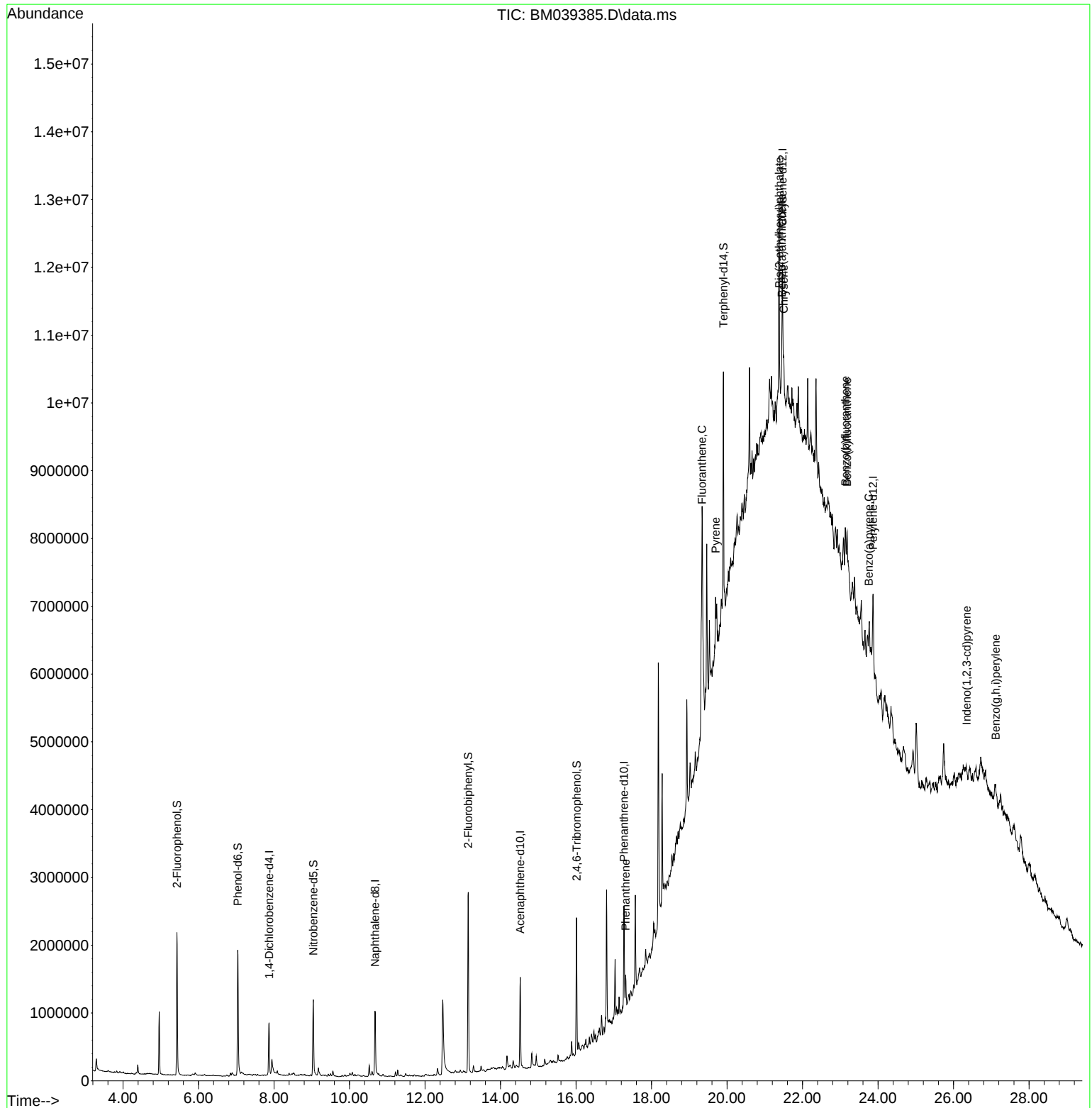
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
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ALS Vial : 16 Sample Multiplier: 1

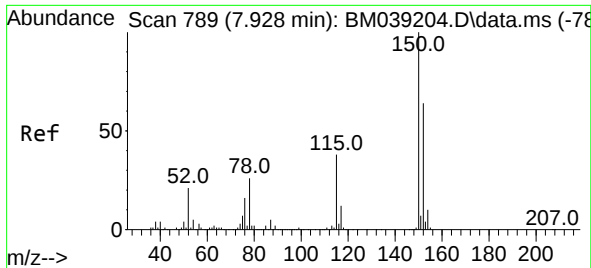
Instrument :
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Quant Time: Apr 11 02:14:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
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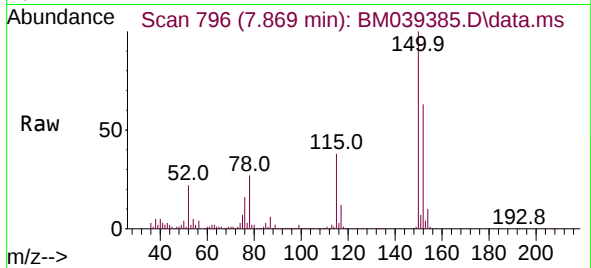
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

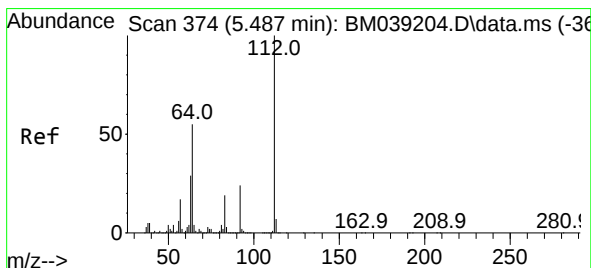
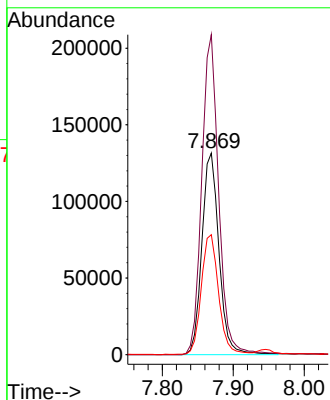
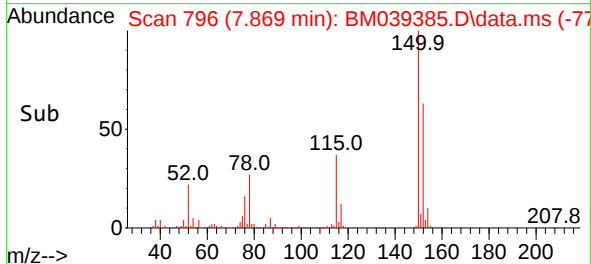
Instrument :
BNA_M
ClientSampleId :
ELI-SOLID-0407



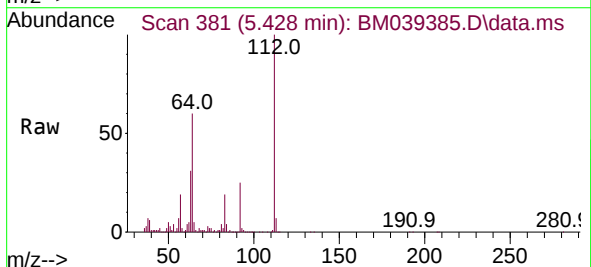
Tgt Ion:152 Resp: 219360
Ion Ratio Lower Upper
152 100
150 158.8 125.5 188.3
115 59.5 48.1 72.1

Manual Integrations
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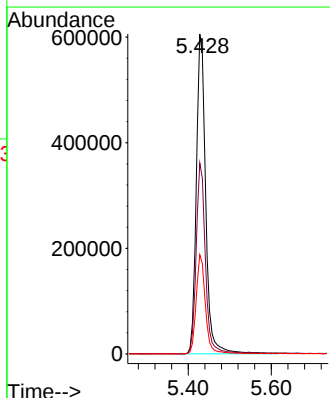
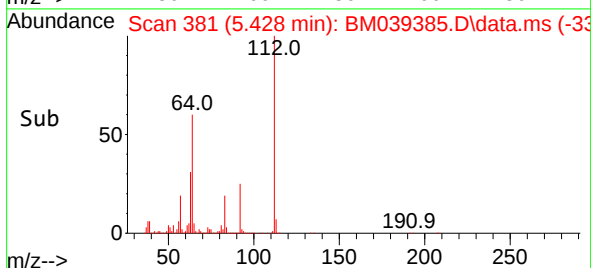
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

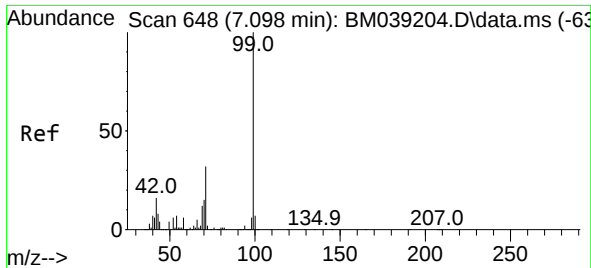


#5
2-Fluorophenol
Concen: 65.148 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52



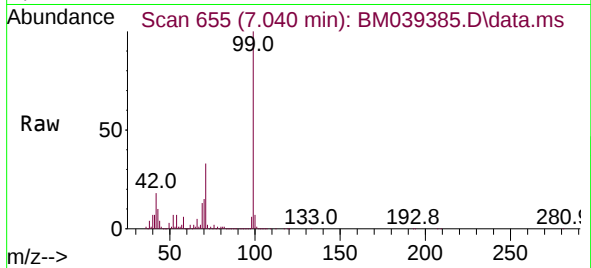
Tgt Ion:112 Resp: 948543
Ion Ratio Lower Upper
112 100
64 59.6 44.3 66.5
63 31.0 23.0 34.6





#7
Phenol-d6
Concen: 62.529 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

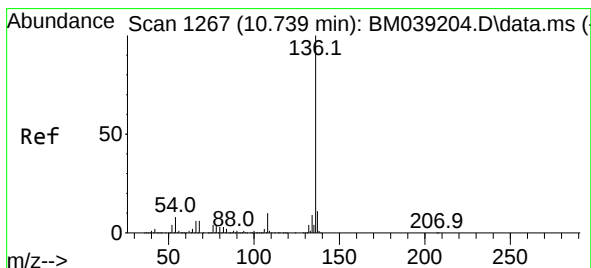
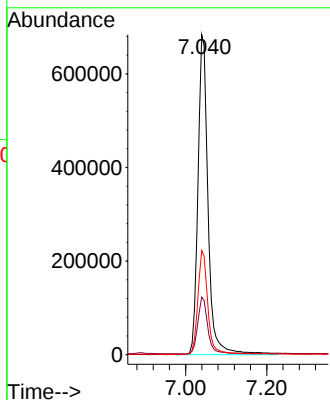
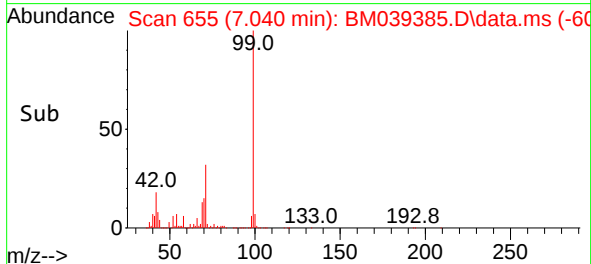
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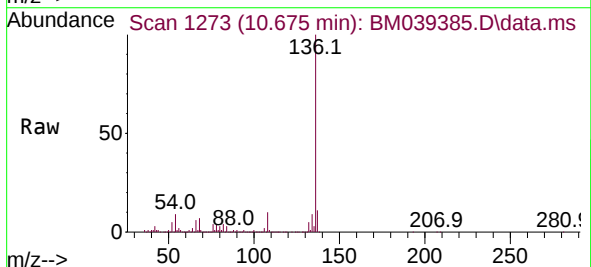
Tgt Ion: 99 Resp: 117755
Ion Ratio Lower Upper
99 100
42 18.0 13.0 19.6
71 32.5 25.5 38.3

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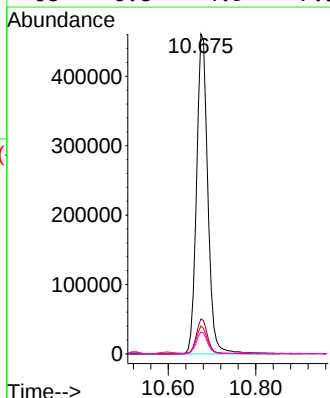
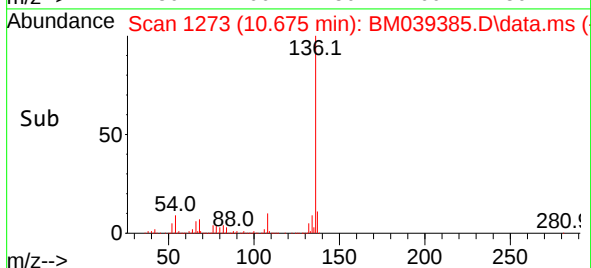
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

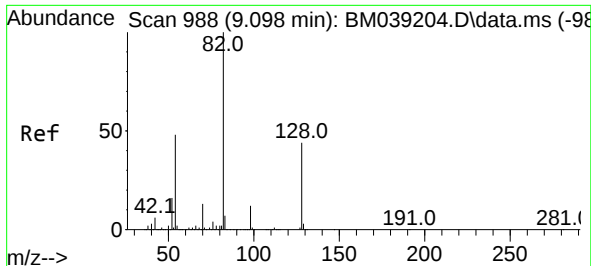


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52



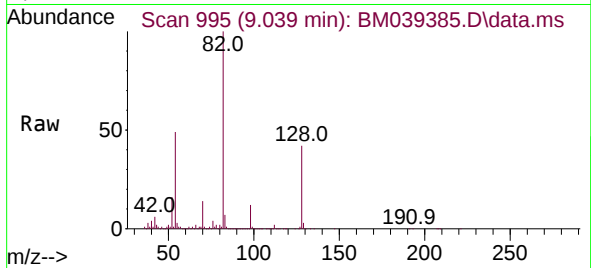
Tgt Ion:136 Resp: 822395
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 6.2 9.4
68 6.8 4.9 7.3





#23
Nitrobenzene-d5
Concen: 41.475 ng
RT: 9.039 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

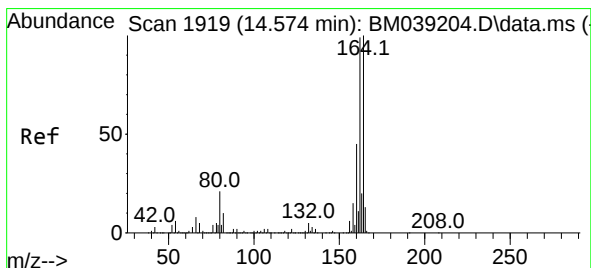
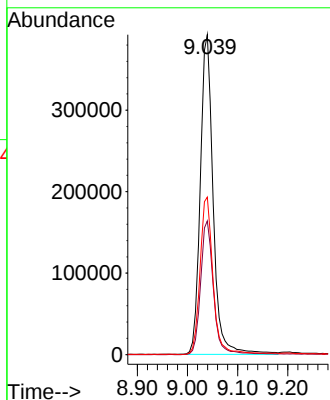
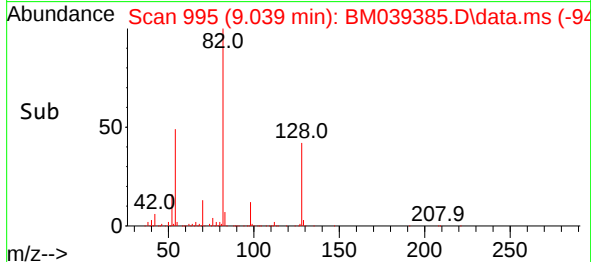
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Tgt Ion: 82 Resp: 701794
Ion Ratio Lower Upper
82 100
128 41.8 35.1 52.7
54 49.3 38.5 57.7

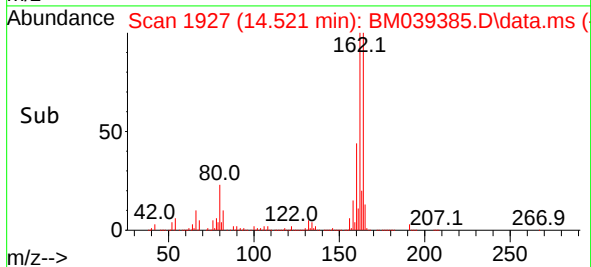
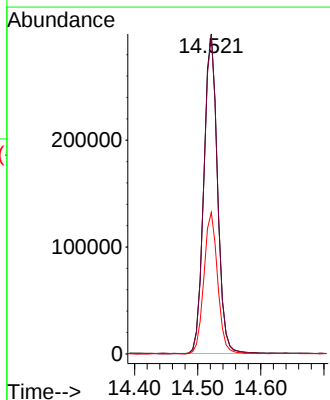
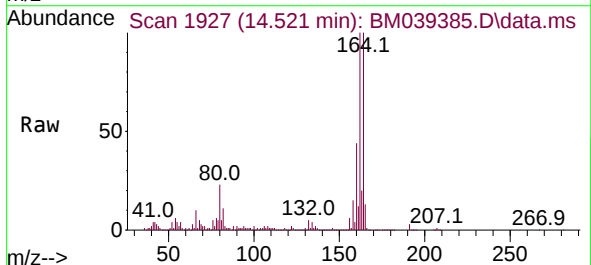
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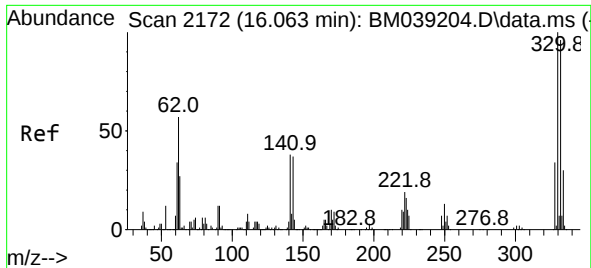
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

Tgt Ion:164 Resp: 448351
Ion Ratio Lower Upper
164 100
162 99.6 79.1 118.7
160 44.2 35.8 53.8





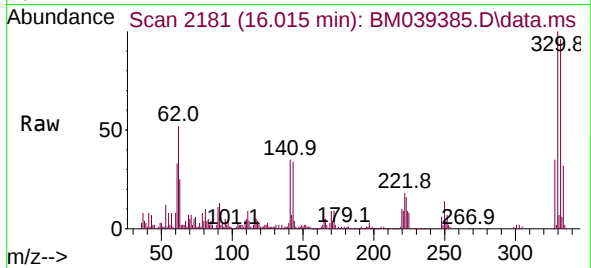
#42
2,4,6-Tribromophenol
Concen: 61.713 ng
RT: 16.015 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

Instrument :

BNA_M

ClientSampleId :

ELI-SOLID-0407

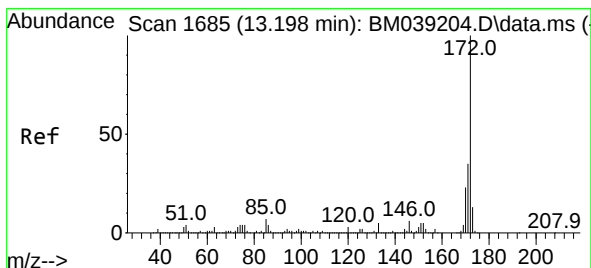
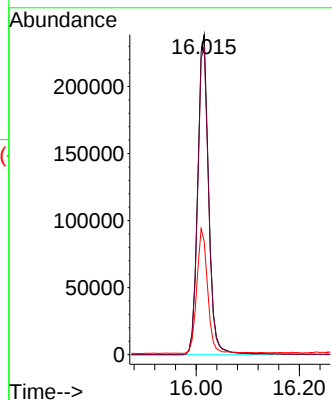
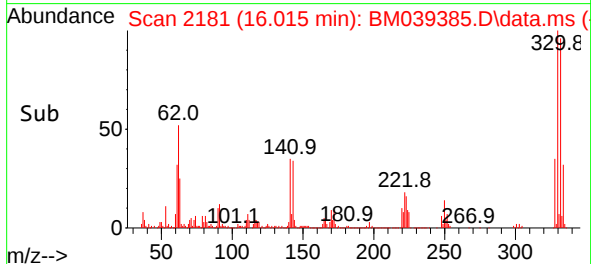


Tgt Ion:330 Resp: 351230
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 38.4 29.8 44.6

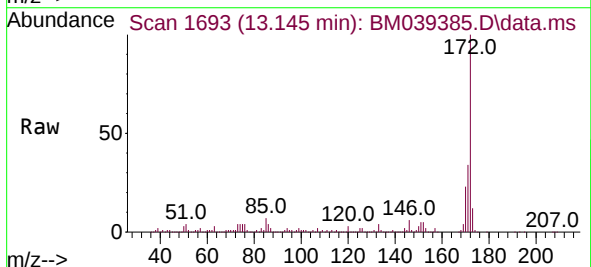
Manual Integrations

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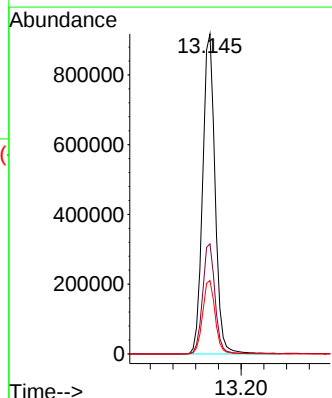
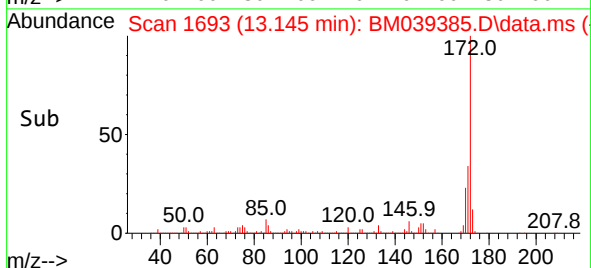
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

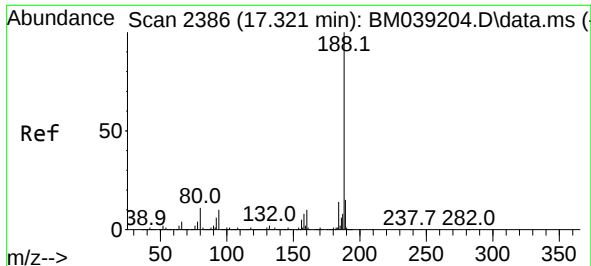


#45
2-Fluorobiphenyl
Concen: 42.041 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52



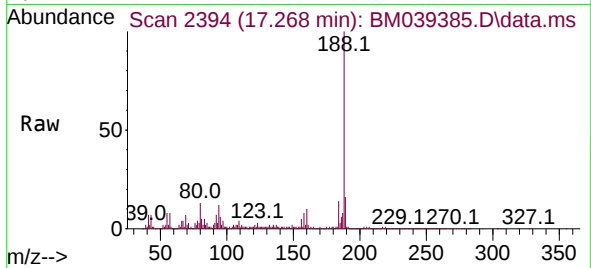
Tgt Ion:172 Resp: 1391162
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 22.9 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

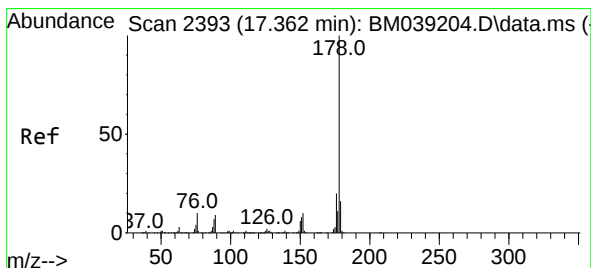
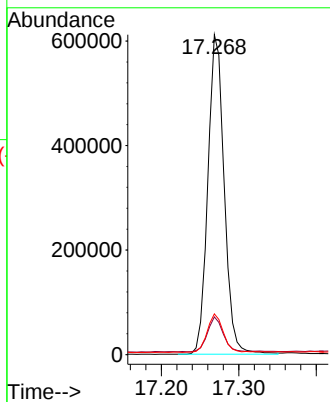
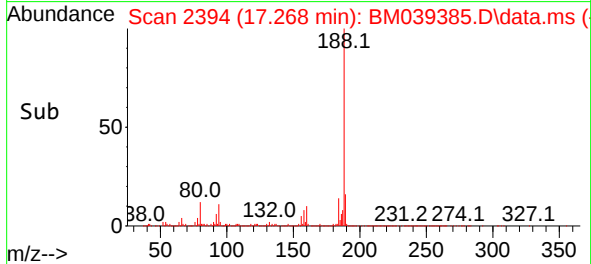
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ClientSampleId :
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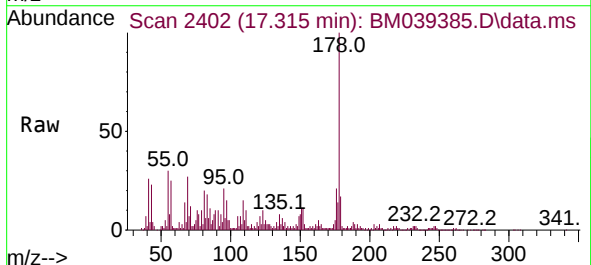
Tgt Ion:188 Resp: 897649
Ion Ratio Lower Upper
188 100
94 11.8 8.2 12.4
80 12.7 8.9 13.3

Manual Integrations
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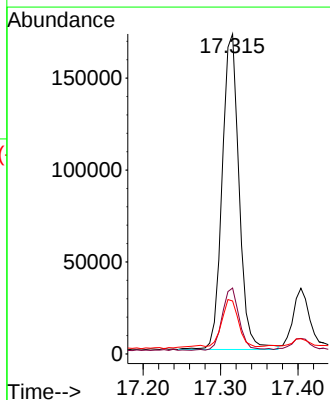
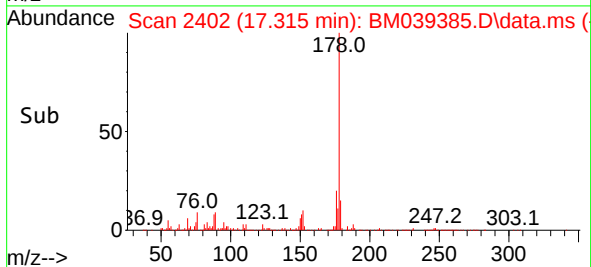
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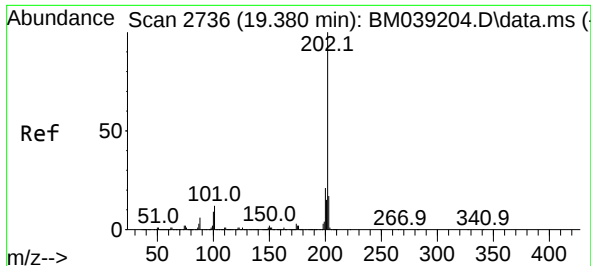


#71
Phenanthrene
Concen: 5.304 ng
RT: 17.315 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52



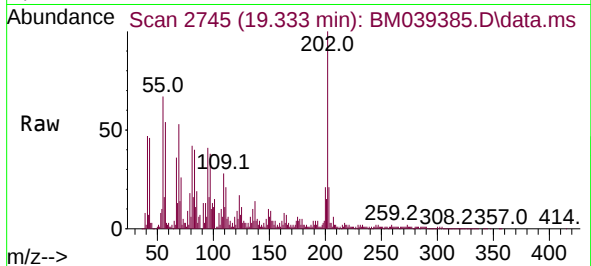
Tgt Ion:178 Resp: 260762
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 16.5 12.4 18.6





#75
Fluoranthene
Concen: 12.664 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

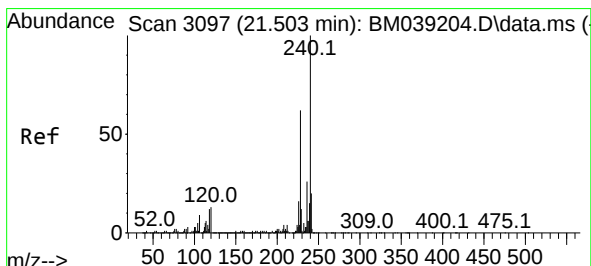
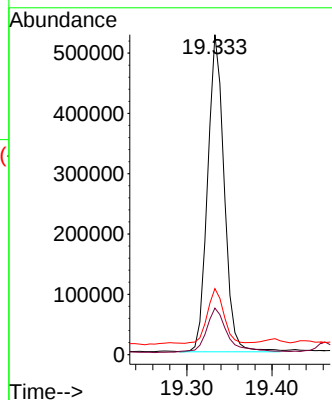
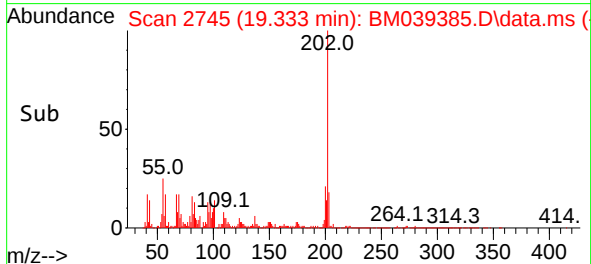
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Tgt Ion:202 Resp: 709694
Ion Ratio Lower Upper
202 100
101 14.5 0.0 32.5
203 20.6 0.0 37.5

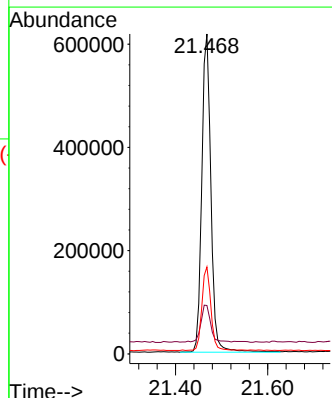
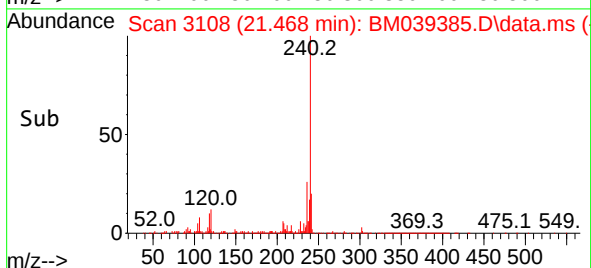
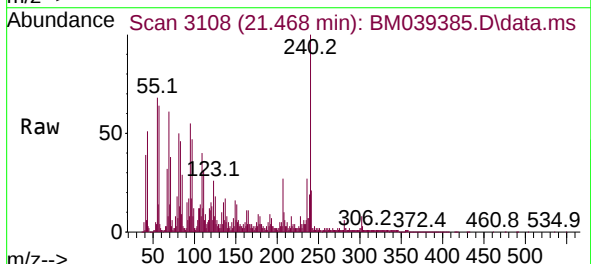
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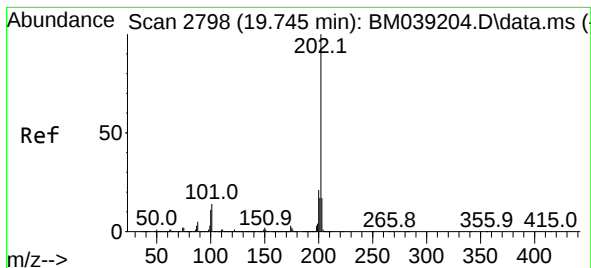
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3108
Delta R.T. 0.006 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

Tgt Ion:240 Resp: 843482
Ion Ratio Lower Upper
240 100
120 15.1 10.2 15.2
236 27.2 20.9 31.3





#78

Pyrene

Concen: 9.484 ng

RT: 19.698 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BM039385.D

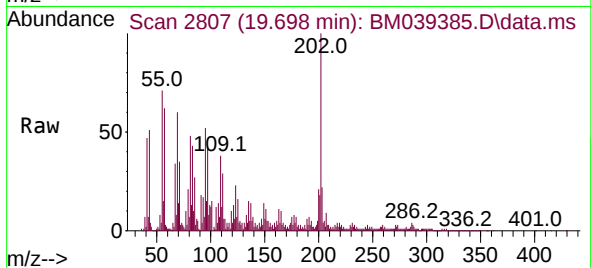
Acq: 10 Apr 2023 19:52

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 202 Resp: 56945

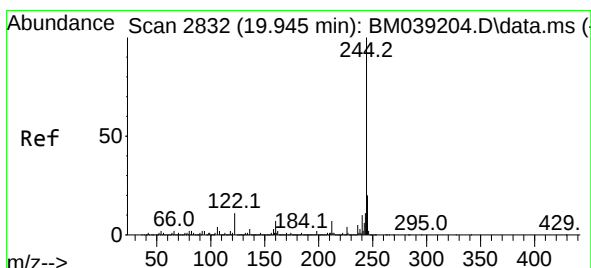
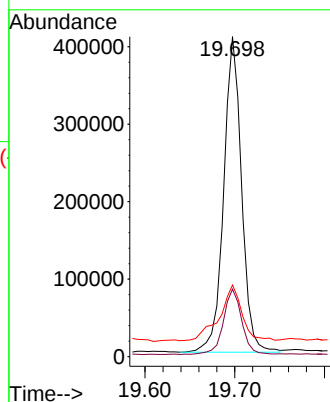
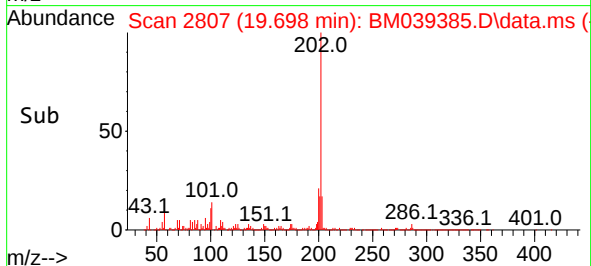
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	22.4	13.9	20.9

Manual Integrations

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Supervised By : Jagrut Upadhyay 04/11/2023



#79

Terphenyl-d14

Concen: 40.041 ng

RT: 19.903 min Scan# 2842

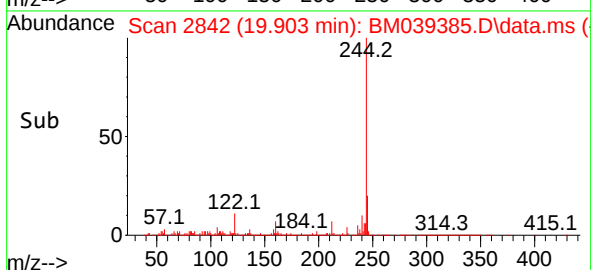
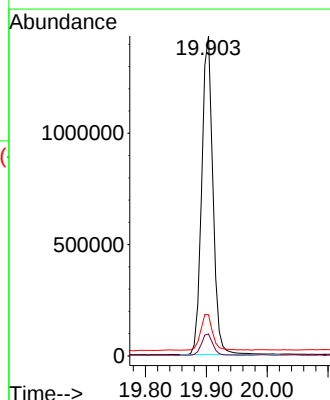
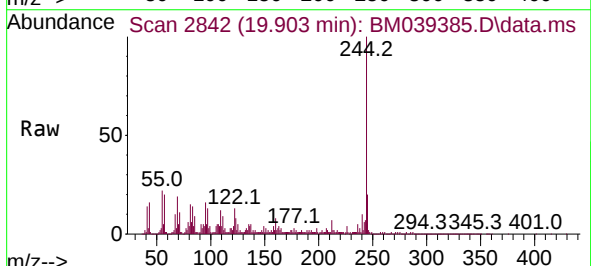
Delta R.T. 0.006 min

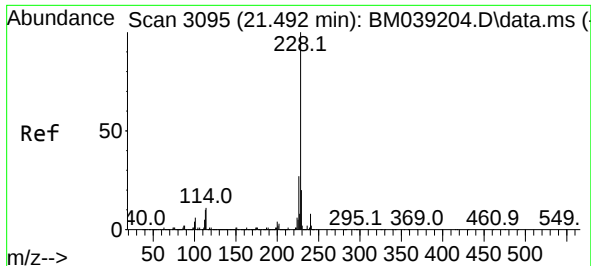
Lab File: BM039385.D

Acq: 10 Apr 2023 19:52

Tgt Ion: 244 Resp: 1828011

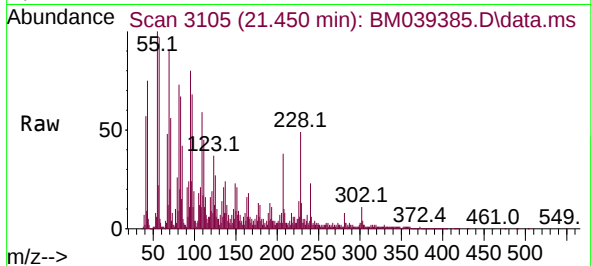
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.9	9.1	13.7





#81
Benzo(a)anthracene
Concen: 4.746 ng
RT: 21.450 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

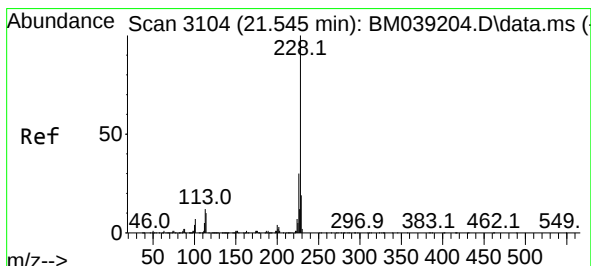
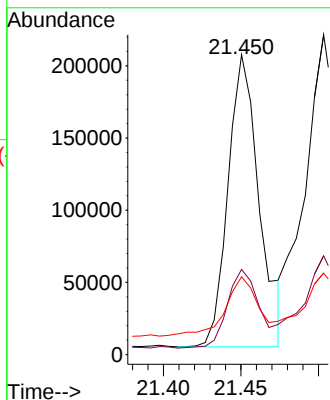
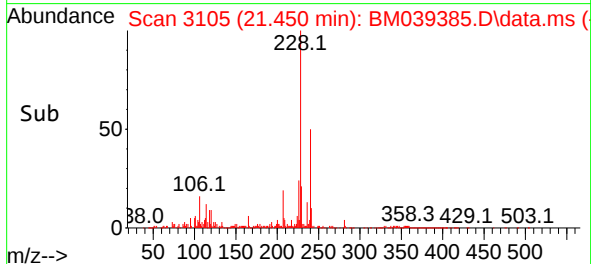
Instrument :
BNA_M
ClientSampleId :
ELI-SOLID-0407



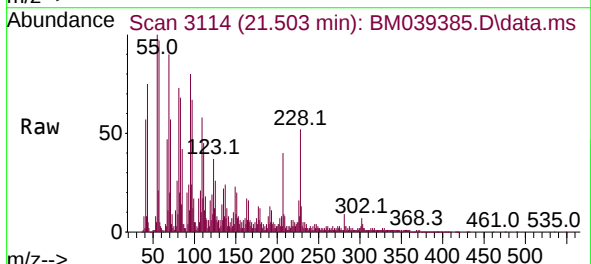
Tgt Ion:228 Resp: 282350
Ion Ratio Lower Upper
228 100
226 28.4 21.9 32.9
229 26.0 15.8 23.6

Manual Integrations
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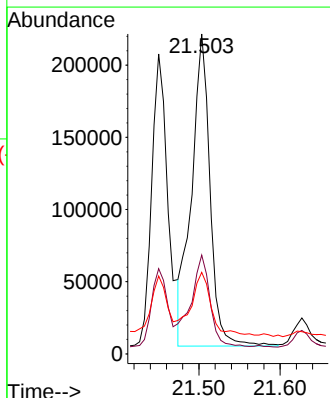
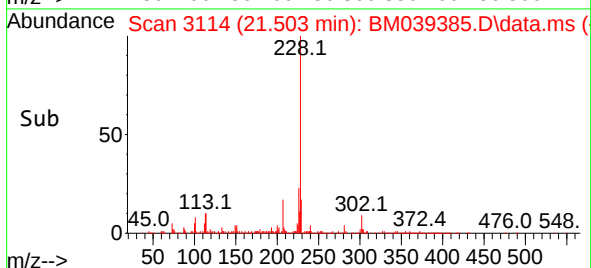
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

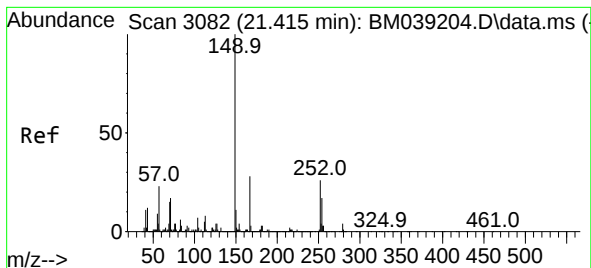


#83
Chrysene
Concen: 5.980 ng
RT: 21.503 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52



Tgt Ion:228 Resp: 343429
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 25.5 15.5 23.3





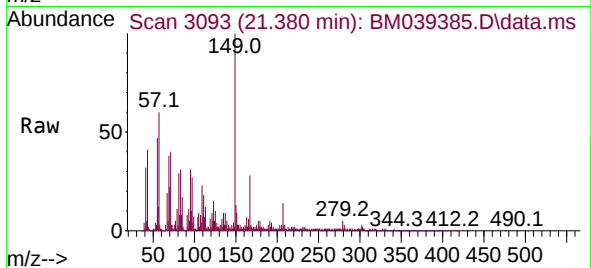
#84
Bis(2-ethylhexyl)phthalate
Concen: 30.256 ng
RT: 21.380 min Scan# 3082
Delta R.T. 0.012 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

Instrument :

BNA_M

ClientSampleId :

ELI-SOLID-0407

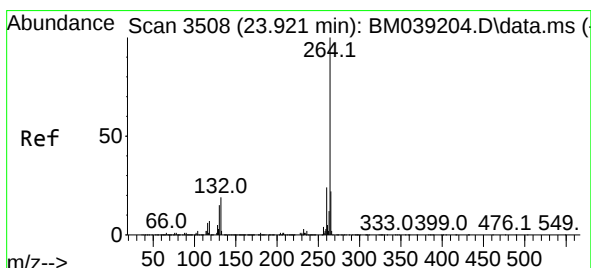
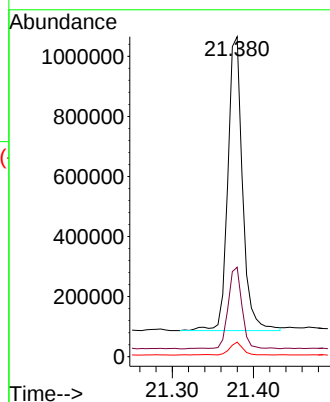
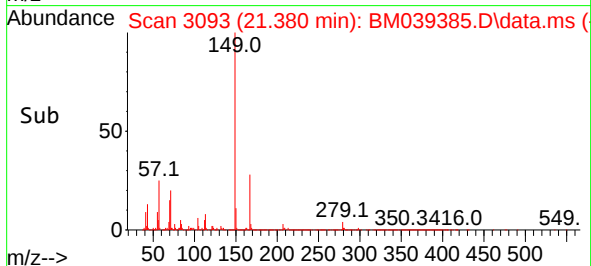


Tgt Ion:149 Resp: 1229260
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.5 3.4 5.2

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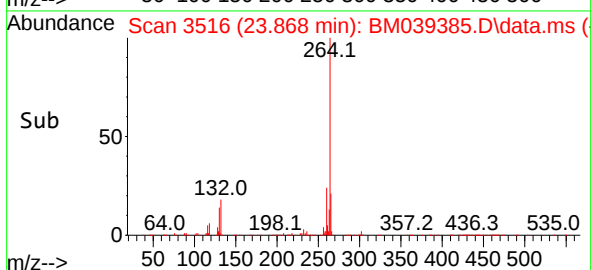
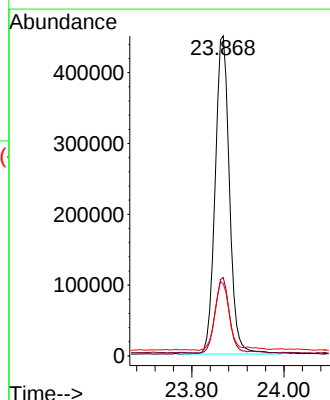
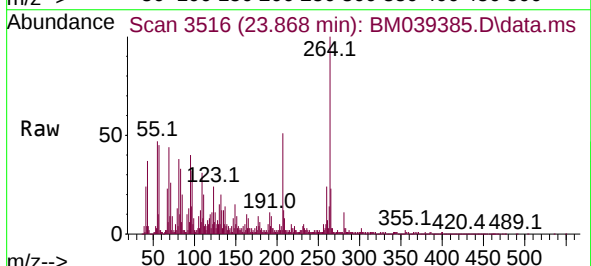
APPROVED

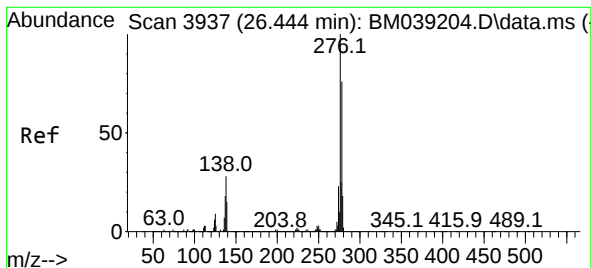
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3516
Delta R.T. 0.024 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

Tgt Ion:264 Resp: 971607
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 22.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.581 ng

RT: 26.344 min Scan# 3937

Delta R.T. 0.018 min

Lab File: BM039385.D

Acq: 10 Apr 2023 19:52

Instrument :

BNA_M

ClientSampleId :

ELI-SOLID-0407

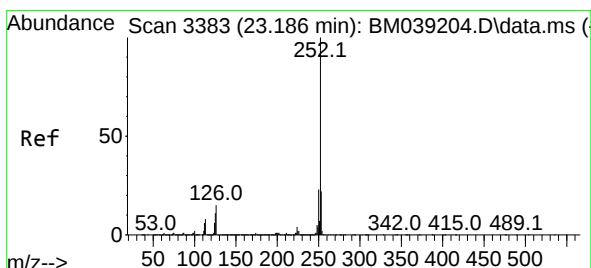
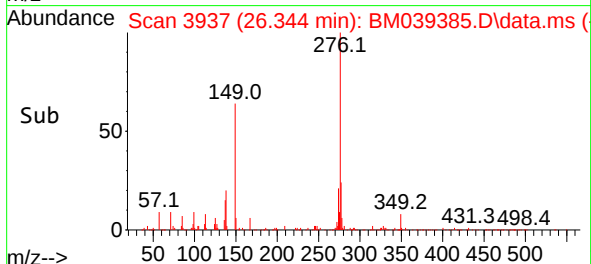
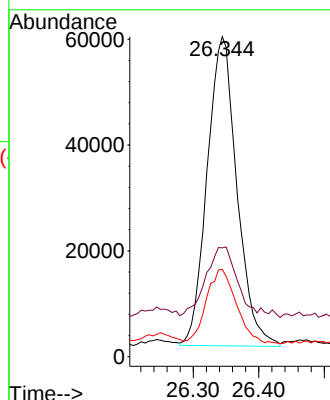
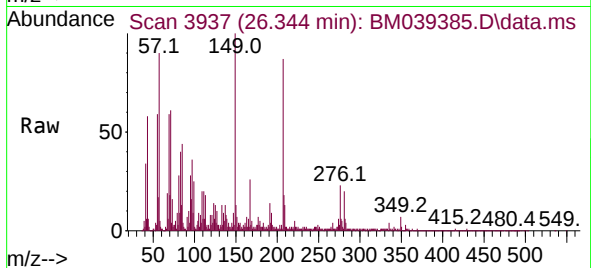
Tgt Ion:	276	Resp:	18479
Ion Ratio	Lower	Upper	
276	100		
138	25.1	22.2	33.2
277	24.2	20.2	30.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#88

Benzo(b)fluoranthene

Concen: 7.241 ng

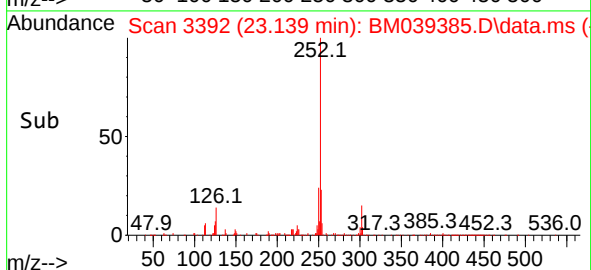
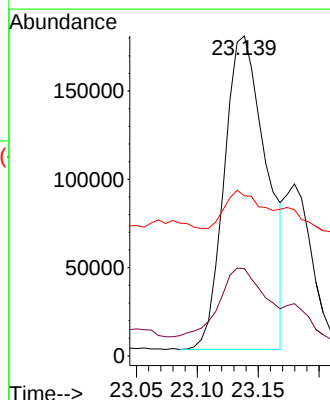
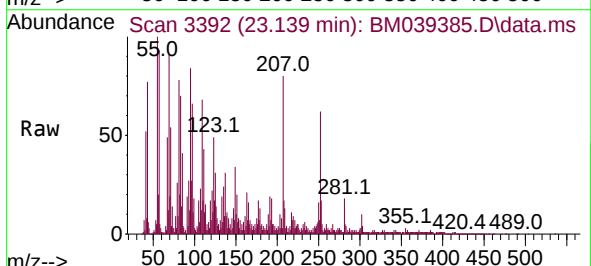
RT: 23.139 min Scan# 3392

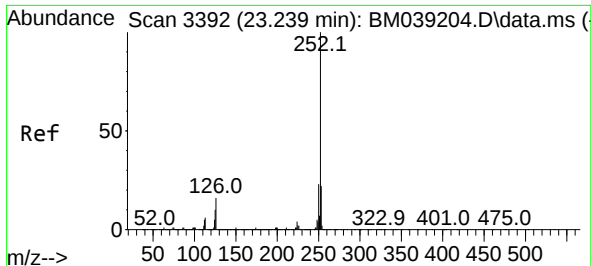
Delta R.T. 0.018 min

Lab File: BM039385.D

Acq: 10 Apr 2023 19:52

Tgt Ion:	252	Resp:	430467
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.6	26.4#
125	50.0	9.0	13.6#





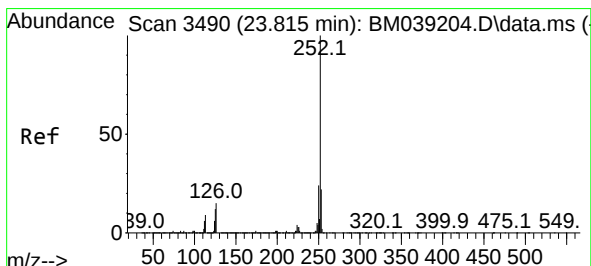
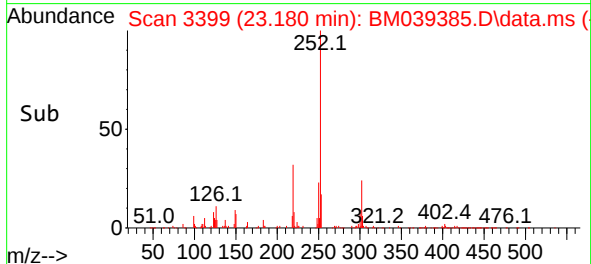
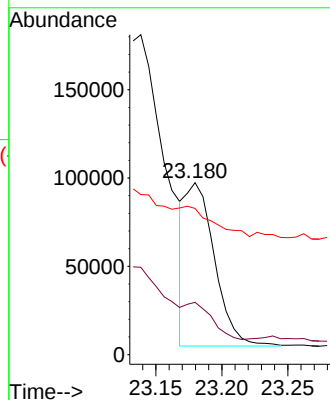
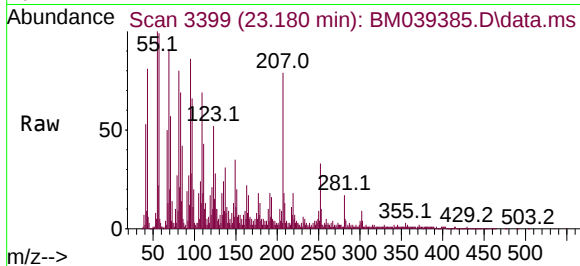
#89
Benzo(k)fluoranthene
Concen: 2.360 ng m
RT: 23.180 min Scan# 3392
Delta R.T. 0.012 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

Instrument :
BNA_M
ClientSampleId :
ELI-SOLID-0407

Tgt Ion:252 Resp: 14288
Ion Ratio Lower Upper
252 100
253 30.4 17.8 26.8#
125 85.0 8.5 12.7#

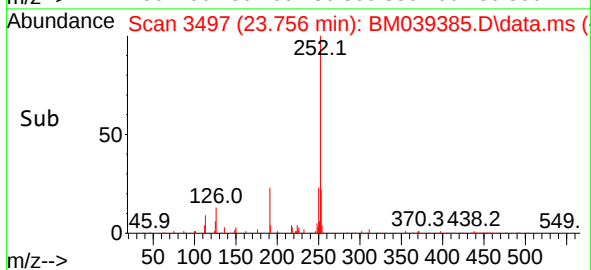
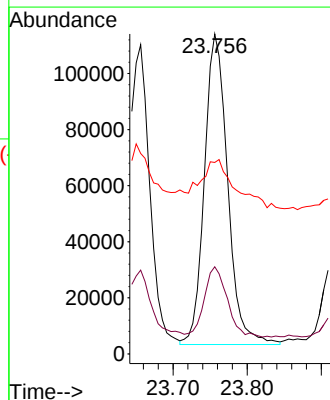
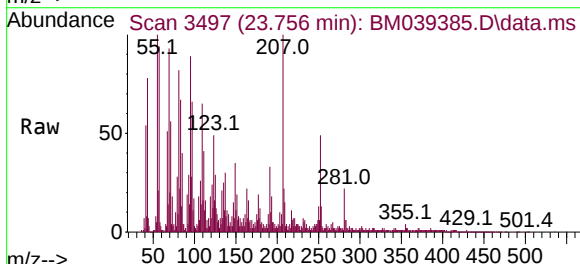
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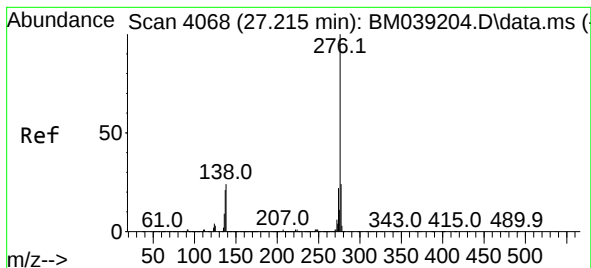
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#90
Benzo(a)pyrene
Concen: 4.130 ng
RT: 23.756 min Scan# 3497
Delta R.T. 0.012 min
Lab File: BM039385.D
Acq: 10 Apr 2023 19:52

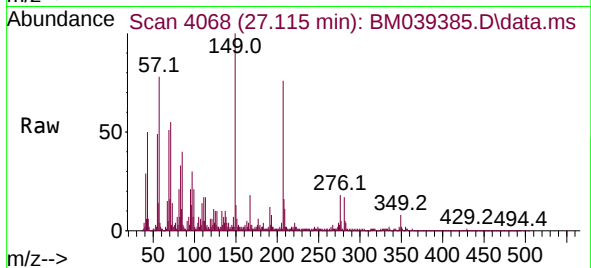
Tgt Ion:252 Resp: 241201
Ion Ratio Lower Upper
252 100
253 27.2 17.6 26.4#
125 59.8 9.8 14.6#





#92
 Benzo(g,h,i)perylene
 Concen: 3.249 ng
 RT: 27.115 min Scan# 4068
 Delta R.T. 0.029 min
 Lab File: BM039385.D
 Acq: 10 Apr 2023 19:52

Instrument :
 BNA_M
 ClientSampleId :
 ELI-SOLID-0407



Tgt Ion:	276	Resp:	19203
Ion Ratio	Lower	Upper	
276	100		
277	26.8	19.1	28.7
138	35.9	19.5	29.3

Manual Integrations
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Reviewed By :Christian Giraldo 04/11/2023
 Supervised By :Jagrut Upadhyay 04/11/2023

