

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039568.D
 Acq On : 22 Apr 2023 01:18
 Operator : CG/JU
 Sample : 02386-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SPA-4WC-23-04

Manual Integrations
 APPROVED

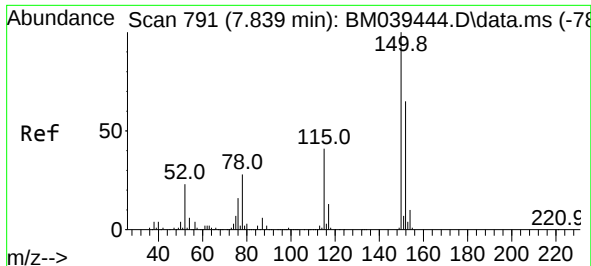
Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 04:57:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

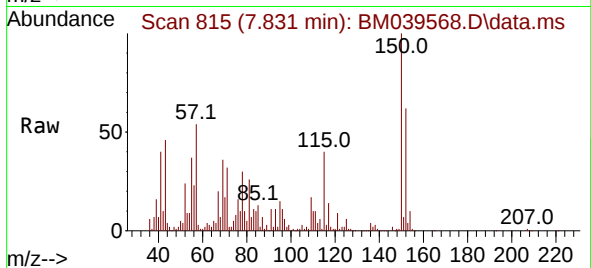
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	143308	20.000	ng	0.01
21) Naphthalene-d8	10.642	136	585739	20.000	ng	# 0.01
39) Acenaphthene-d10	14.495	164	362378	20.000	ng	0.02
64) Phenanthrene-d10	17.260	188	577685	20.000	ng	# 0.03
76) Chrysene-d12	21.465	240	402657	20.000	ng	# 0.04
86) Perylene-d12	23.871	264	481362	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	680564	77.590	ng	0.02
7) Phenol-d6	7.031	99	954295	74.031	ng	0.02
23) Nitrobenzene-d5	9.007	82	735508	61.492	ng	0.01
42) 2,4,6-Tribromophenol	16.007	330	285798	60.777	ng	0.03
45) 2-Fluorobiphenyl	13.107	172	1347050	51.433	ng	0.00
79) Terphenyl-d14	19.895	244	1291967	57.884	ng	0.03
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.719	146	681148	65.716	ng	99
13) 1,4-Dichlorobenzene	7.872	146	2663506	256.322	ng	99
14) 1,2-Dichlorobenzene	8.190	146	3151823	305.413	ng	99
27) 2,4-Dimethylphenol	9.837	122	295066m	32.117	ng	
30) 1,2,4-Trichlorobenzene	10.507	180	1932838	205.286	ng	100
31) Naphthalene	10.695	128	5292748	167.230	ng	98
37) 2-Methylnaphthalene	12.313	142	4427751	190.367	ng	100
38) 1-Methylnaphthalene	12.531	142	2535395	115.679	ng	100
46) 1,1'-Biphenyl	13.330	154	3163964	113.331	ng	99
52) Acenaphthene	14.560	154	252053	11.992	ng	94
58) Fluorene	15.548	166	529125	19.316	ng	# 93
66) n-Nitrosodiphenylamine	15.760	169	878833	50.178	ng	# 84
71) Phenanthrene	17.307	178	2292605	73.186	ng	97
72) Anthracene	17.395	178	3044689	94.752	ng	98
74) Di-n-butylphthalate	18.230	149	730561	17.983	ng	# 88
75) Fluoranthene	19.330	202	1001018	26.339	ng	90
78) Pyrene	19.695	202	1063278	35.907	ng	# 90
80) Butylbenzylphthalate	20.589	149	630454	42.935	ng	# 82
81) Benzo(a)anthracene	21.448	228	270307	9.453	ng	# 62
83) Chrysene	21.501	228	382672	13.807	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.395	149	14767147	659.737	ng	# 92
85) Di-n-octyl phthalate	22.289	149	3350586	87.049	ng	# 79
87) Indeno(1,2,3-cd)pyrene	26.359	276	185639	5.248	ng	93
88) Benzo(b)fluoranthene	23.142	252	370922m	12.638	ng	
89) Benzo(k)fluoranthene	23.171	252	138728m	4.521	ng	
90) Benzo(a)pyrene	23.765	252	262902	9.013	ng	# 1
92) Benzo(g,h,i)perylene	27.124	276	232308	7.972	ng	# 51

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.831 min Scan# 815
Delta R.T. 0.012 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

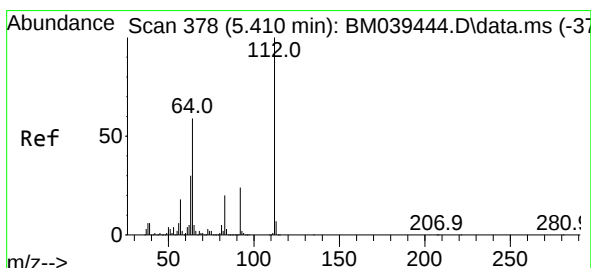
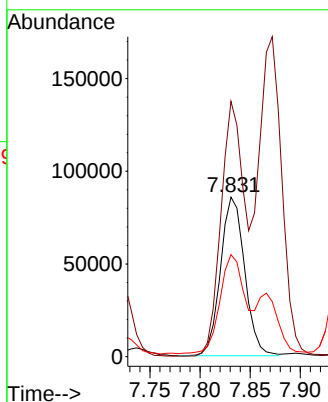
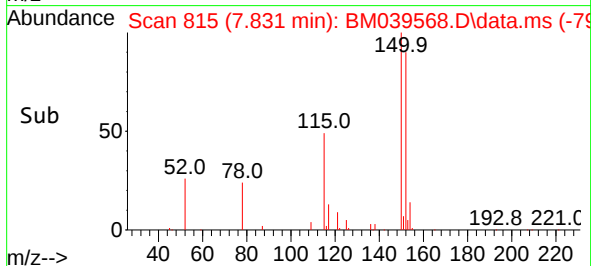
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



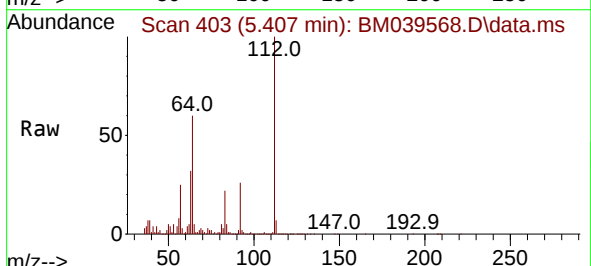
Tgt Ion:152 Resp: 143308
Ion Ratio Lower Upper
152 100
150 160.1 123.0 184.4
115 64.0 49.9 74.9

Manual Integrations
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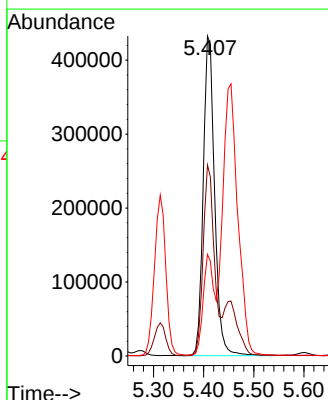
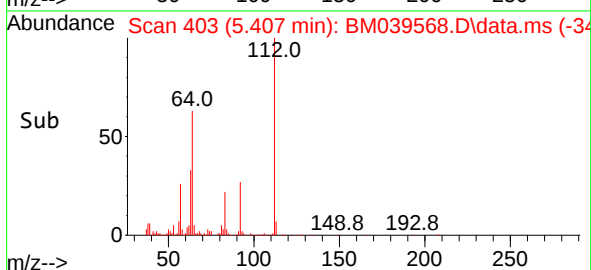
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

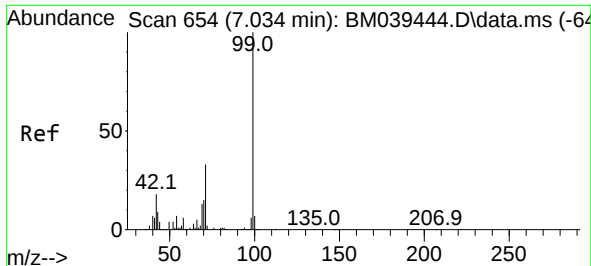


#5
2-Fluorophenol
Concen: 77.590 ng
RT: 5.407 min Scan# 403
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18



Tgt Ion:112 Resp: 680564
Ion Ratio Lower Upper
112 100
64 59.7 47.0 70.4
63 31.8 24.2 36.4





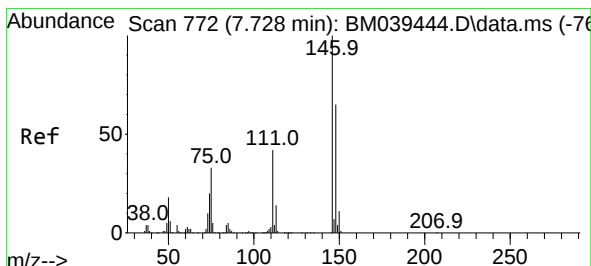
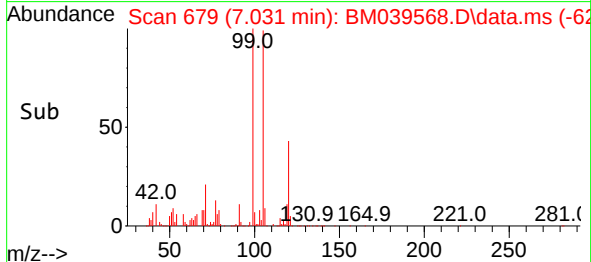
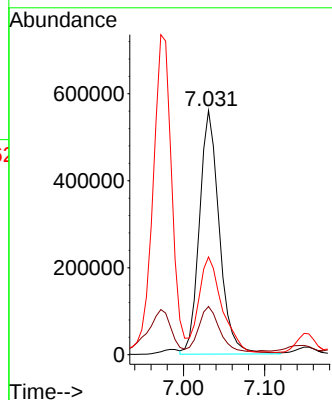
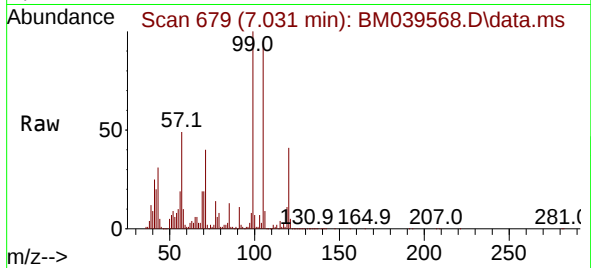
#7
Phenol-d6
Concen: 74.031 ng
RT: 7.031 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04

Tgt Ion: 99 Resp: 95429
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 40.0 26.8 40.2

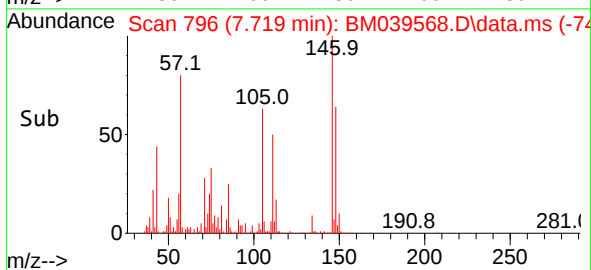
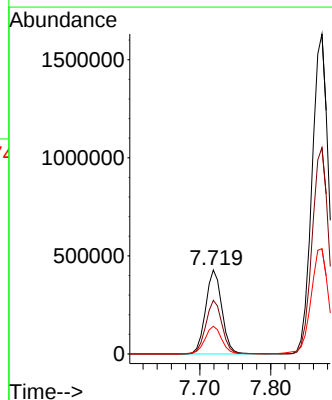
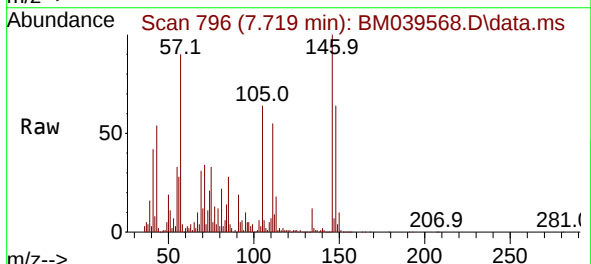
Manual Integrations
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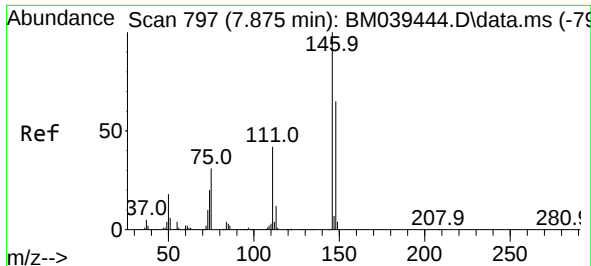
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#12
1,3-Dichlorobenzene
Concen: 65.716 ng
RT: 7.719 min Scan# 796
Delta R.T. 0.012 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

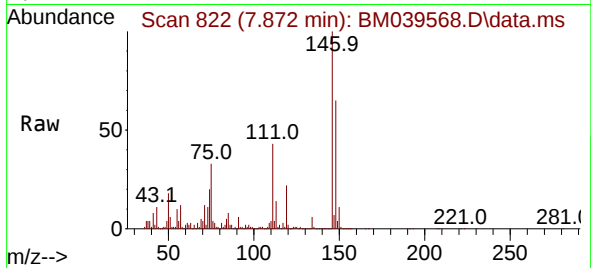
Tgt Ion:146 Resp: 681148
Ion Ratio Lower Upper
146 100
148 63.8 52.0 78.0
75 33.1 26.6 39.8





#13
1,4-Dichlorobenzene
Concen: 256.322 ng
RT: 7.872 min Scan# 811
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

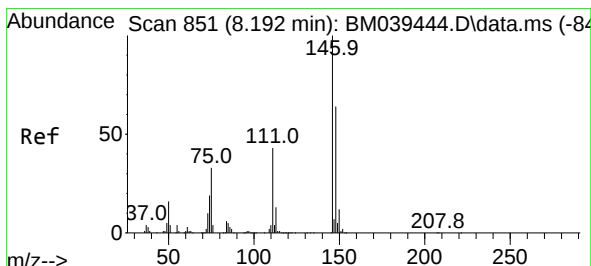
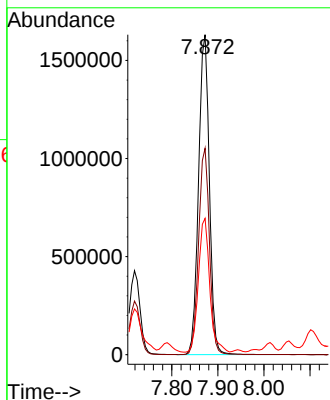
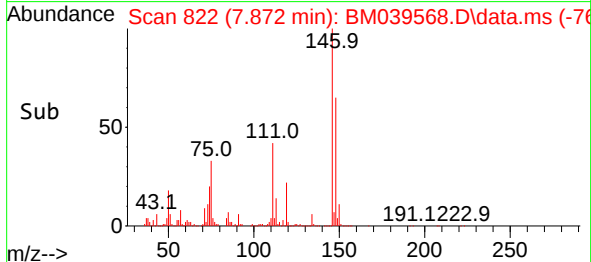
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



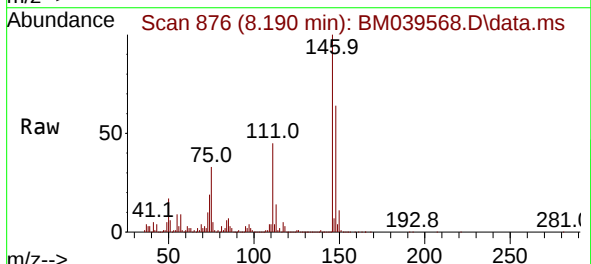
Tgt Ion:146 Resp: 2663500
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.6 33.5 50.3

Manual Integrations
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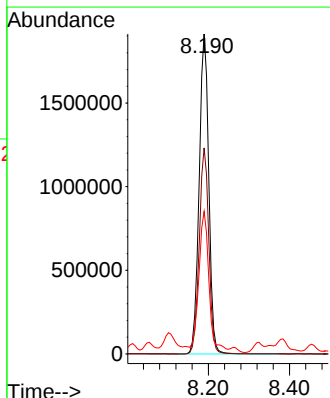
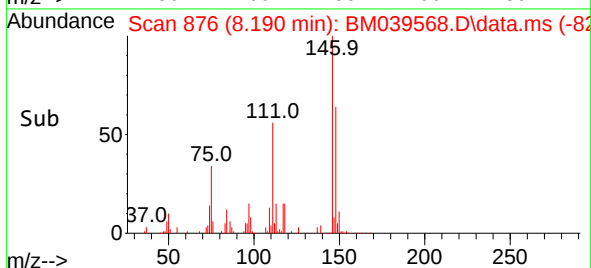
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

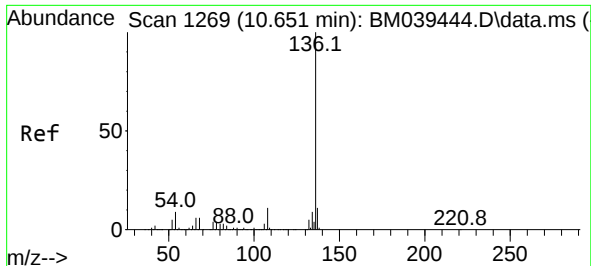


#14
1,2-Dichlorobenzene
Concen: 305.413 ng
RT: 8.190 min Scan# 876
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18



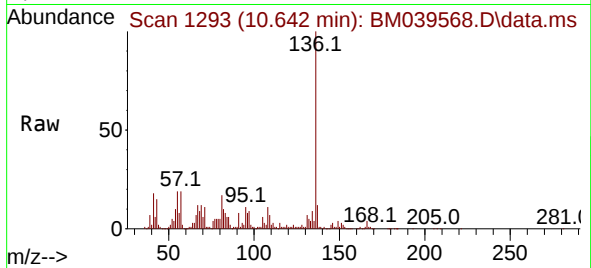
Tgt Ion:146 Resp: 3151823
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 44.6 34.3 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.642 min Scan# 1015
Delta R.T. 0.012 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

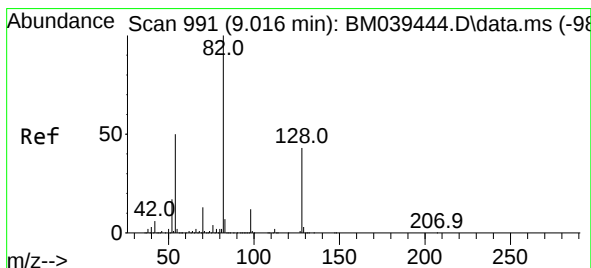
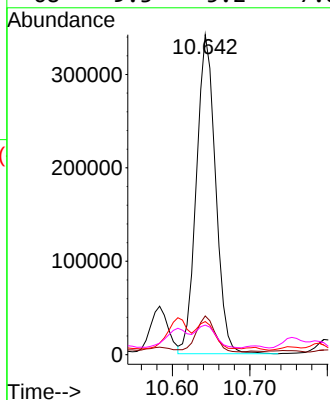
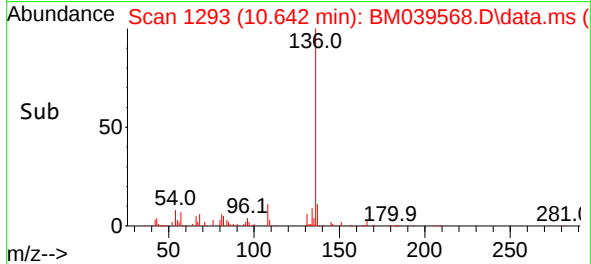
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:136 Resp: 585739
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 10.3 6.9 10.3
68 9.3 5.2 7.8#

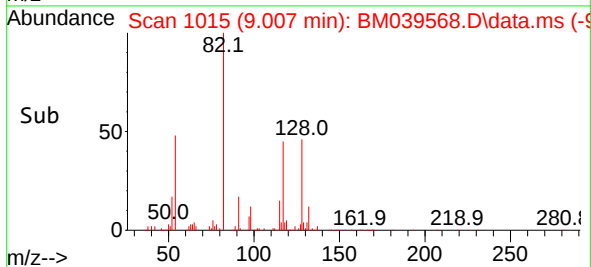
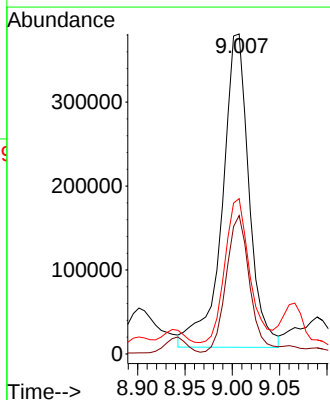
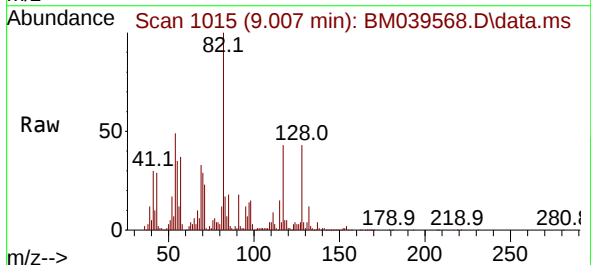
Manual Integrations
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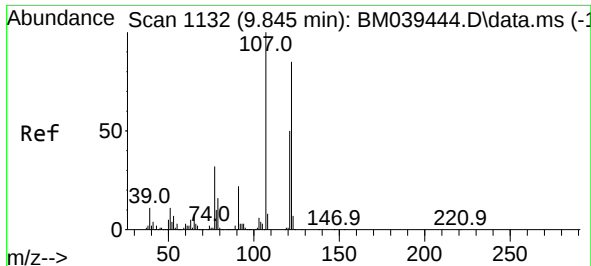
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#23
Nitrobenzene-d5
Concen: 61.492 ng
RT: 9.007 min Scan# 1015
Delta R.T. 0.012 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

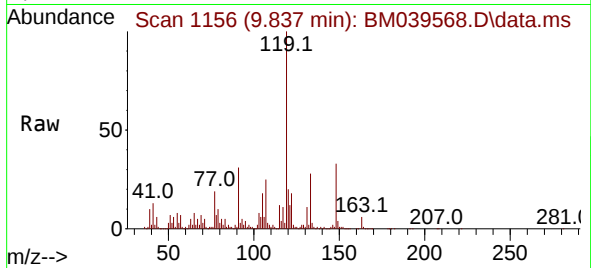
Tgt Ion: 82 Resp: 735508
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.2
54 48.5 39.7 59.5





#27
2,4-Dimethylphenol
Concen: 32.117 ng m
RT: 9.837 min Scan# 1132
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

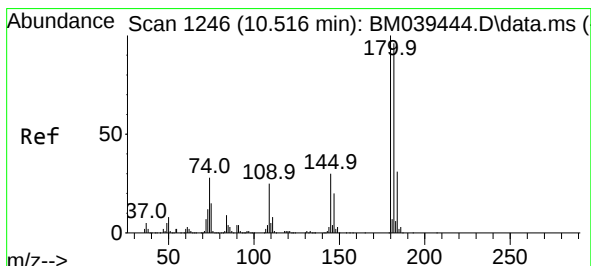
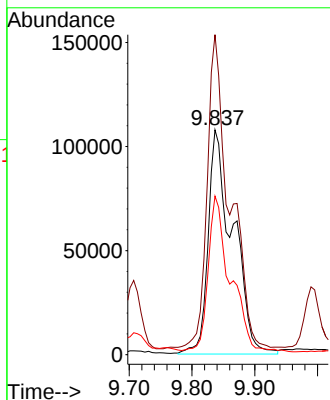
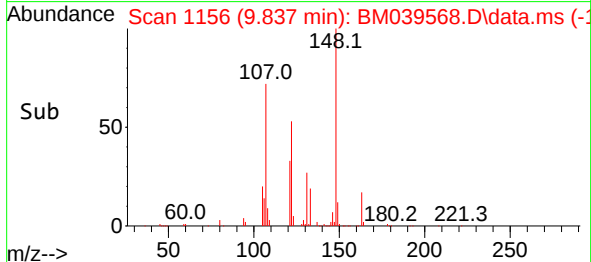
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:122 Resp: 295060
Ion Ratio Lower Upper
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107 142.4 94.3 141.5
121 70.5 46.7 70.1

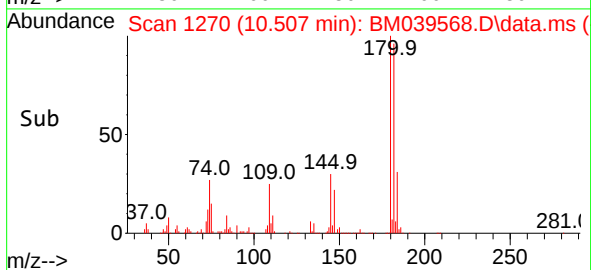
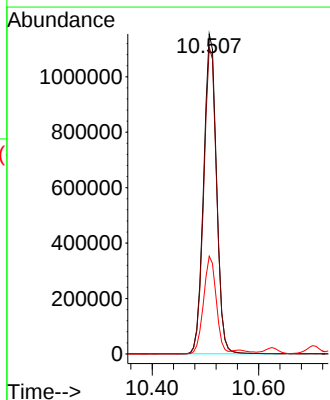
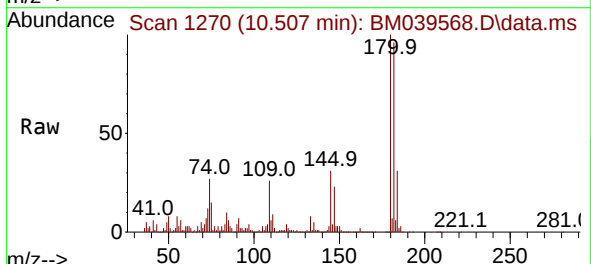
Manual Integrations
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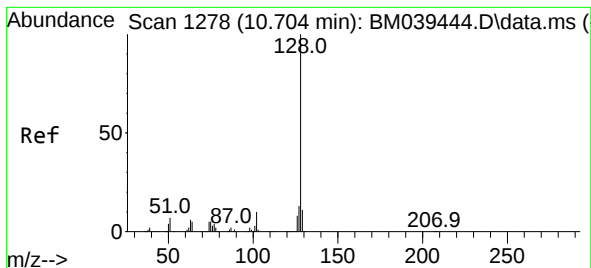
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 205.286 ng
RT: 10.507 min Scan# 1270
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

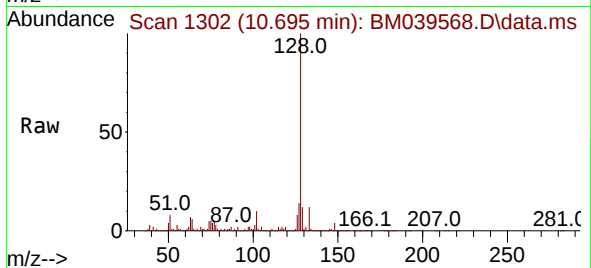
Tgt Ion:180 Resp: 1932838
Ion Ratio Lower Upper
180 100
182 95.9 76.5 114.7
145 30.5 24.2 36.4





#31
Naphthalene
Concen: 167.230 ng
RT: 10.695 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

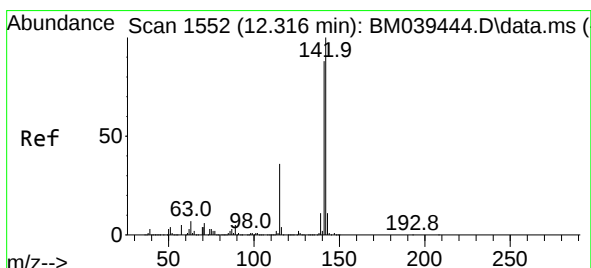
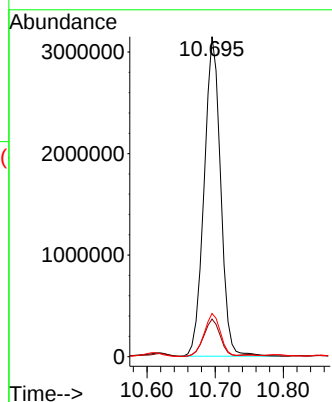
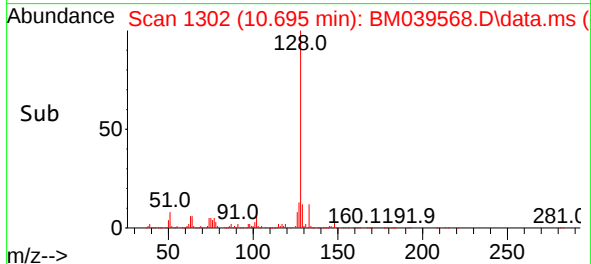
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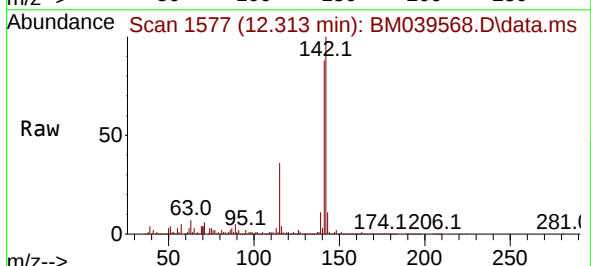
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Ion Ratio Lower Upper
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129 11.7 8.6 12.8
127 13.5 10.3 15.5

Manual Integrations
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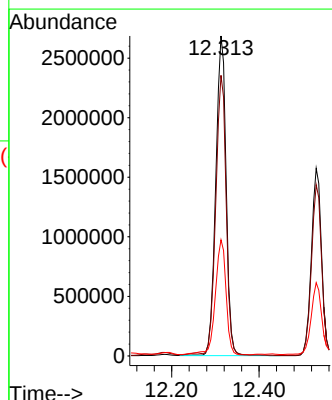
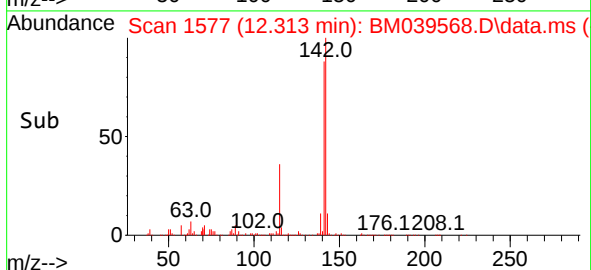
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

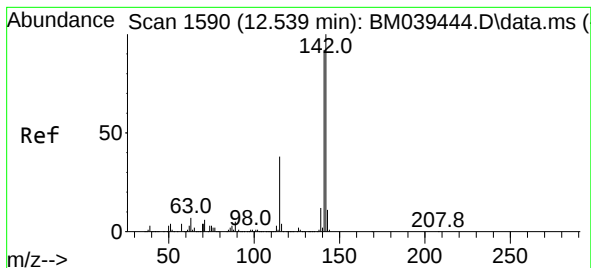


#37
2-Methylnaphthalene
Concen: 190.367 ng
RT: 12.313 min Scan# 1577
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18



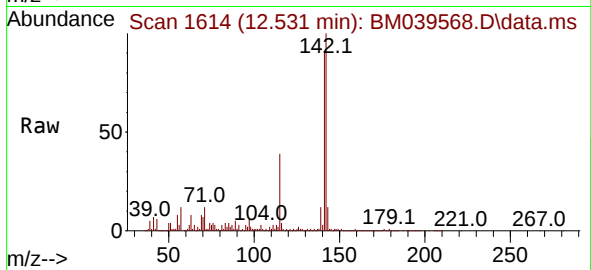
Tgt Ion:142 Resp: 4427751
Ion Ratio Lower Upper
142 100
141 87.7 70.4 105.6
115 36.3 28.8 43.2





#38
1-Methylnaphthalene
Concen: 115.679 ng
RT: 12.531 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

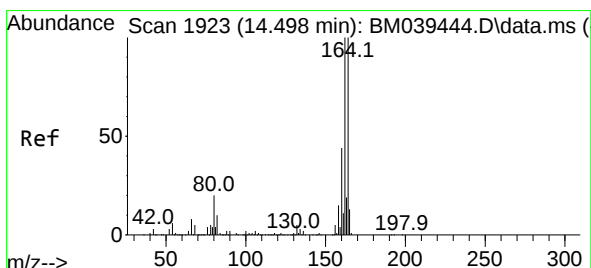
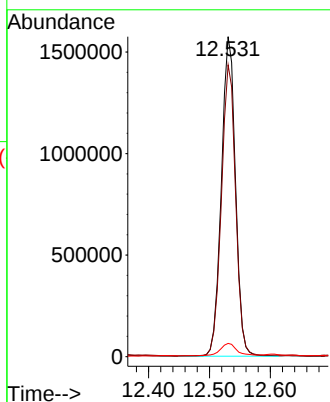
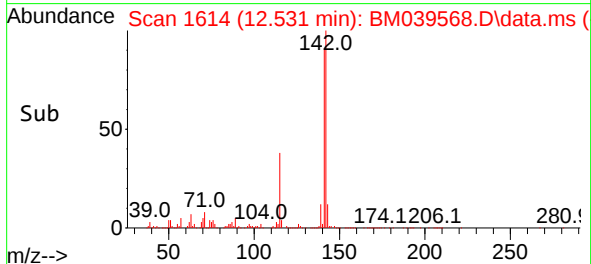
Instrument :
BNA_M
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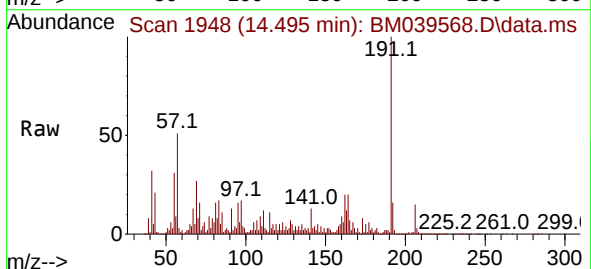
Tgt Ion:142 Resp: 253539
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9
116 4.2 3.1 4.7

Manual Integrations
APPROVED

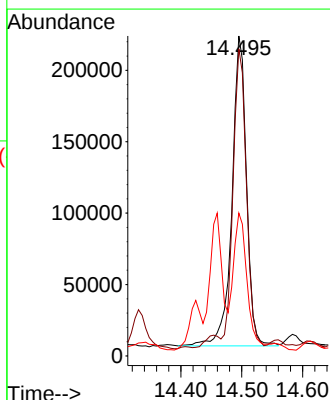
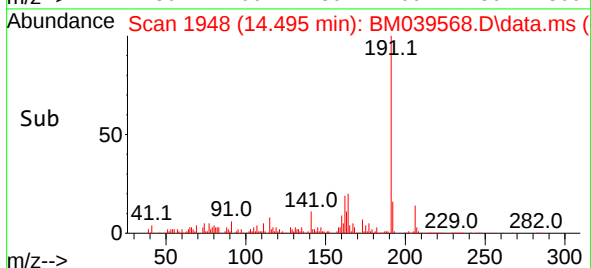
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

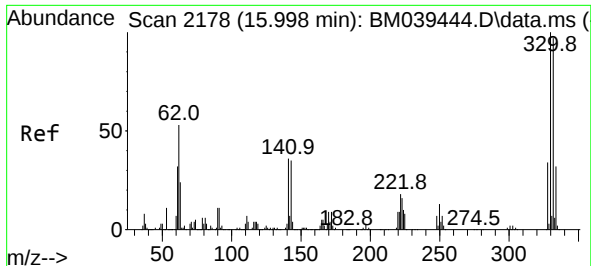


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.495 min Scan# 1948
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18



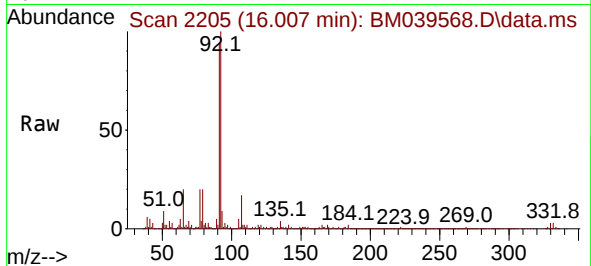
Tgt Ion:164 Resp: 362378
Ion Ratio Lower Upper
164 100
162 96.0 79.8 119.8
160 44.6 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 60.777 ng
RT: 16.007 min Scan# 2178
Delta R.T. 0.030 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

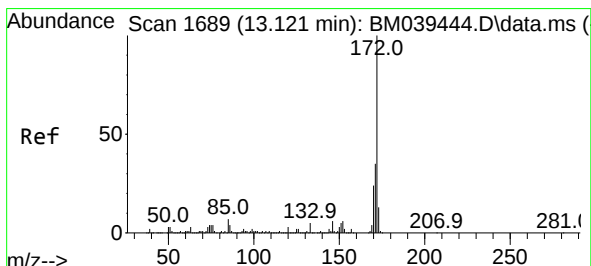
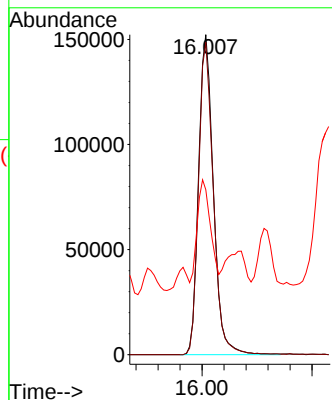
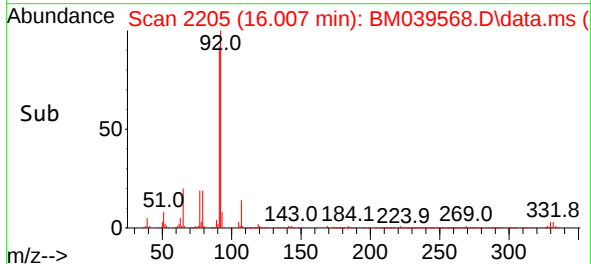
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:330 Resp: 285798
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 30.4 31.0 46.6

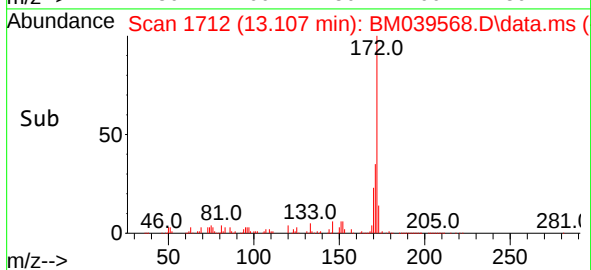
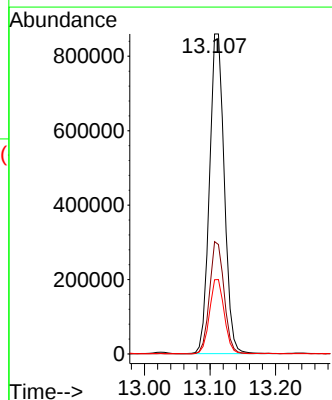
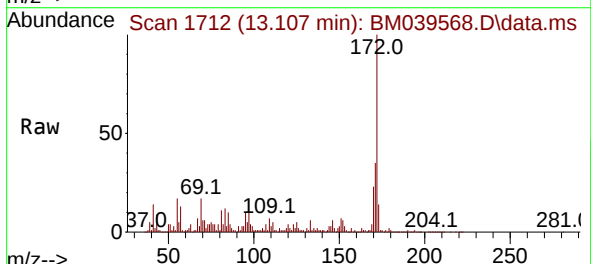
Manual Integrations
APPROVED

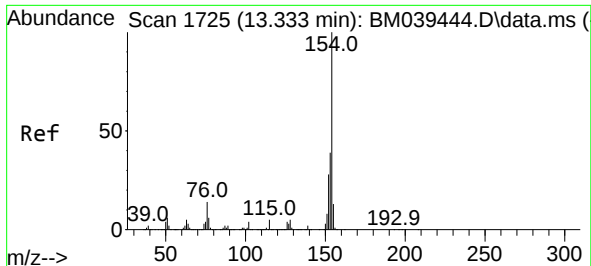
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#45
2-Fluorobiphenyl
Concen: 51.433 ng
RT: 13.107 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

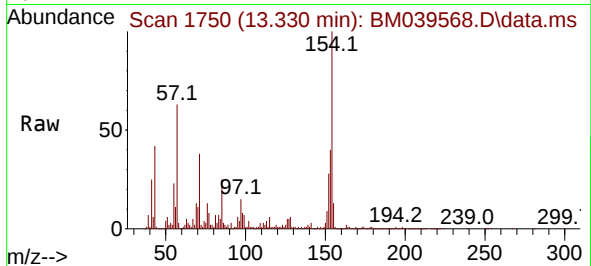
Tgt Ion:172 Resp: 1347050
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.2 19.0 28.4





#46
1,1'-Biphenyl
Concen: 113.331 ng
RT: 13.330 min Scan# 1725
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

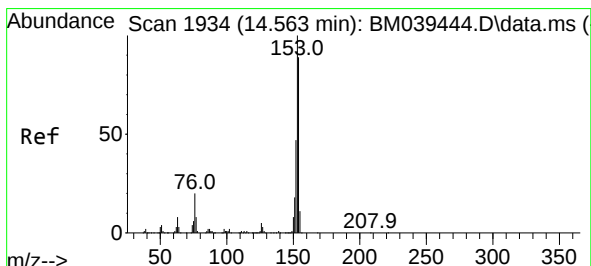
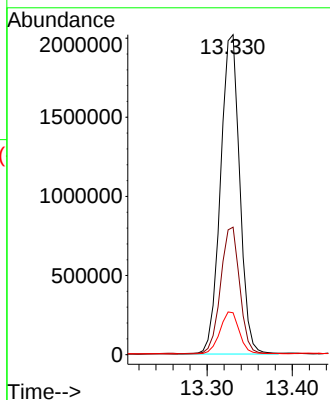
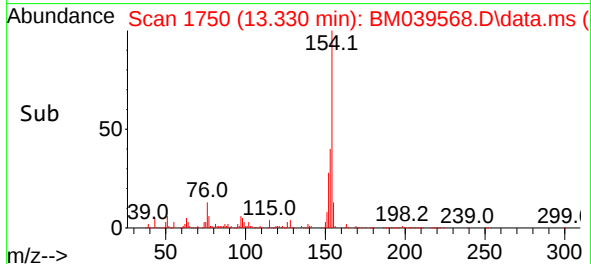
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:154 Resp: 3163964
Ion Ratio Lower Upper
154 100
153 39.9 19.5 59.5
76 13.1 0.0 34.1

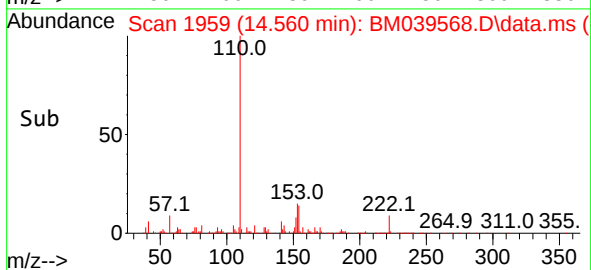
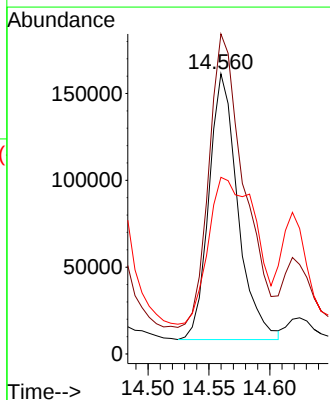
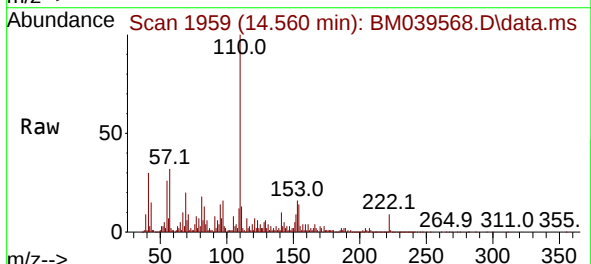
Manual Integrations
APPROVED

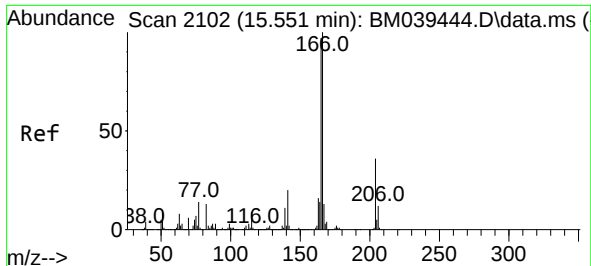
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#52
Acenaphthene
Concen: 11.992 ng
RT: 14.560 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

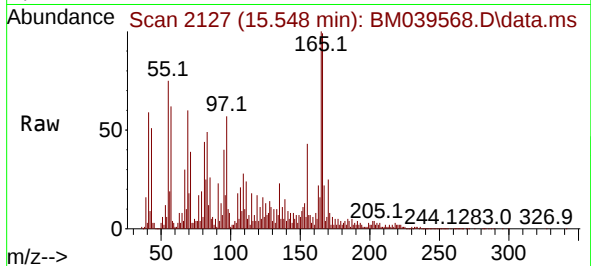
Tgt Ion:154 Resp: 252053
Ion Ratio Lower Upper
154 100
153 114.2 89.8 134.8
152 63.1 42.7 64.1





#58
Fluorene
Concen: 19.316 ng
RT: 15.548 min Scan# 2102
Delta R.T. 0.018 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

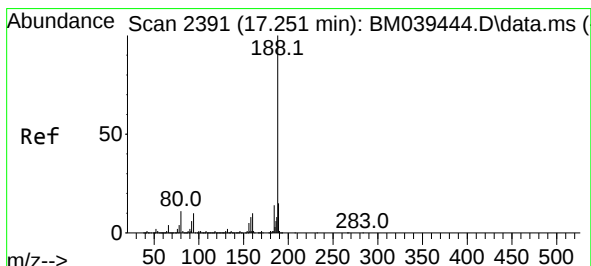
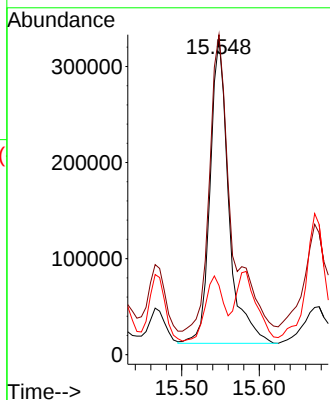
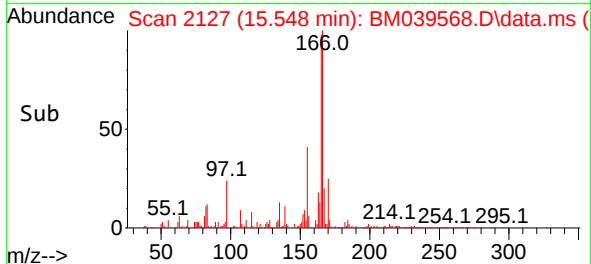
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:166 Resp: 529125
Ion Ratio Lower Upper
166 100
165 101.1 77.4 116.0
167 21.9 10.6 15.8

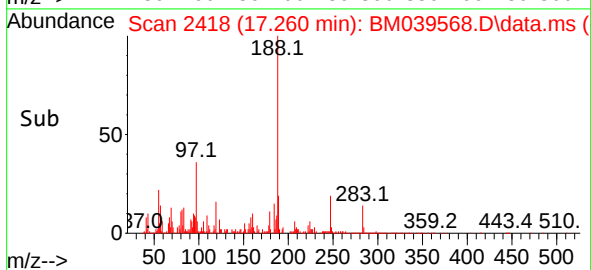
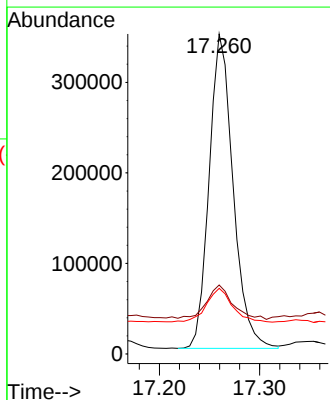
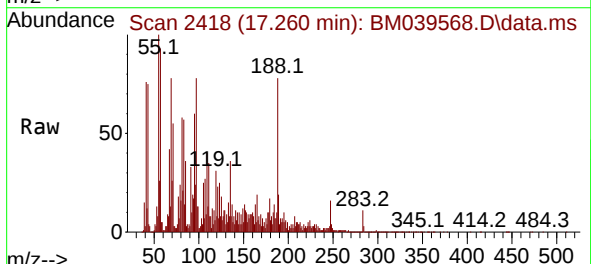
Manual Integrations
APPROVED

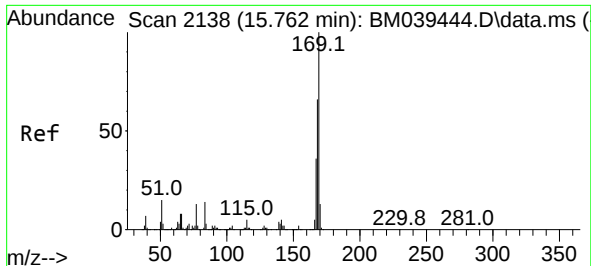
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.260 min Scan# 2418
Delta R.T. 0.030 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

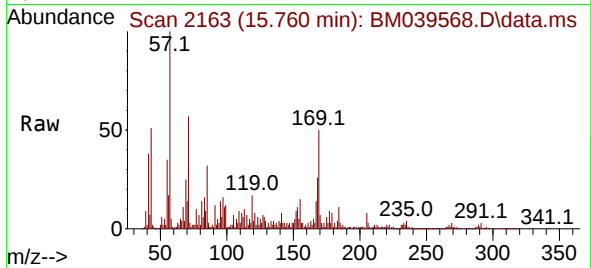
Tgt Ion:188 Resp: 577685
Ion Ratio Lower Upper
188 100
94 21.6 7.9 11.9#
80 20.5 8.9 13.3#





#66
n-Nitrosodiphenylamine
Concen: 50.178 ng
RT: 15.760 min Scan# 2138
Delta R.T. 0.012 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

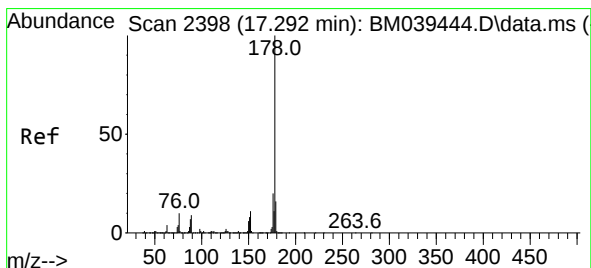
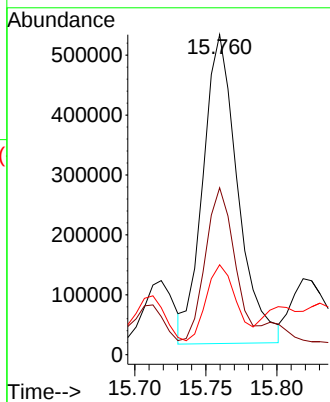
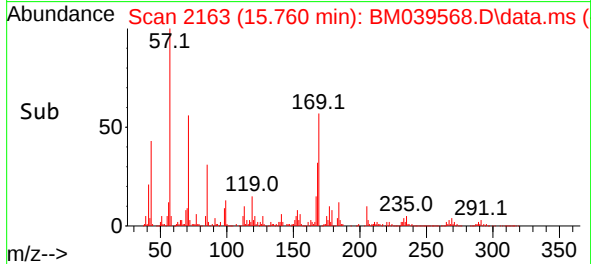
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:169 Resp: 87883
Ion Ratio Lower Upper
169 100
168 52.2 52.6 79.0
167 28.1 29.0 43.4

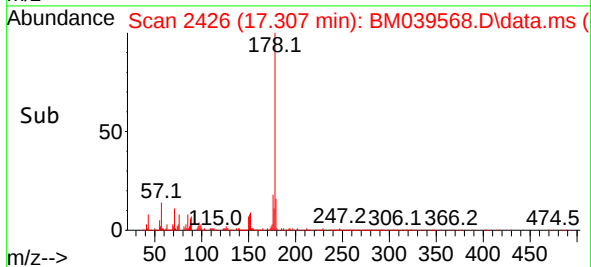
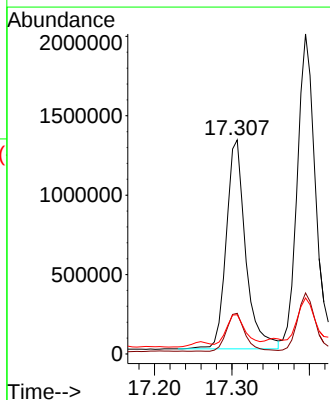
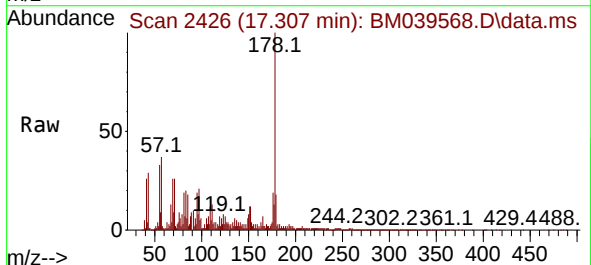
Manual Integrations
APPROVED

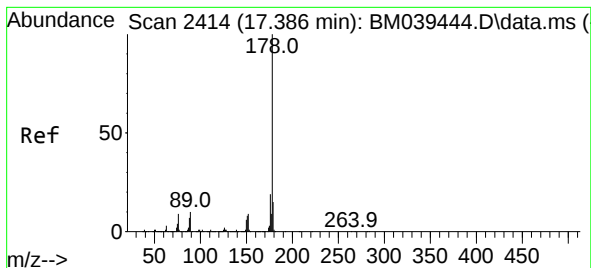
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#71
Phenanthrene
Concen: 73.186 ng
RT: 17.307 min Scan# 2426
Delta R.T. 0.030 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

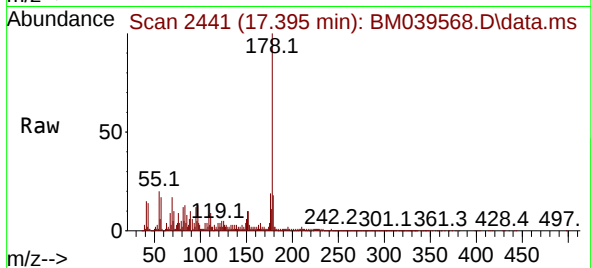
Tgt Ion:178 Resp: 2292605
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 18.3 12.5 18.7





#72
 Anthracene
 Concen: 94.752 ng
 RT: 17.395 min Scan# 2414
 Delta R.T. 0.030 min
 Lab File: BM039568.D
 Acq: 22 Apr 2023 01:18

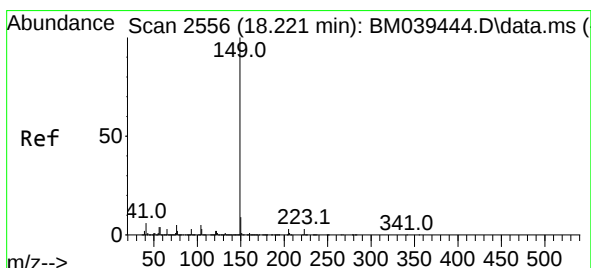
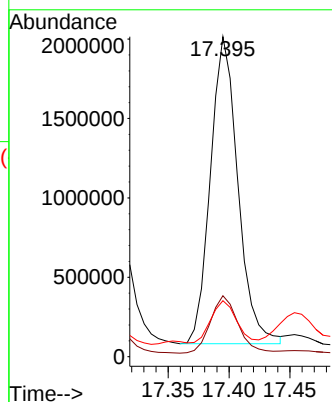
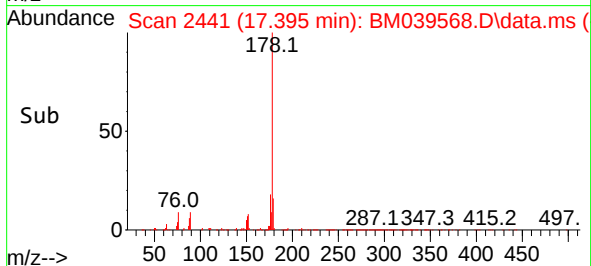
Instrument :
 BNA_M
 ClientSampleId :
 SPA-4WC-23-04



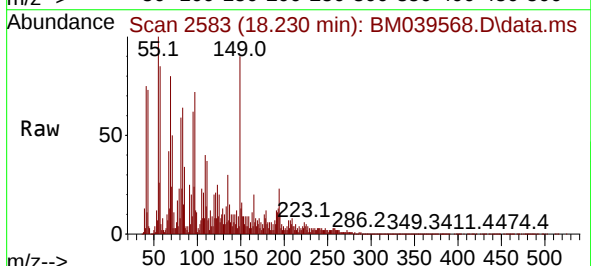
Tgt Ion:178 Resp: 3044689
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 17.5 12.2 18.4

Manual Integrations
 APPROVED

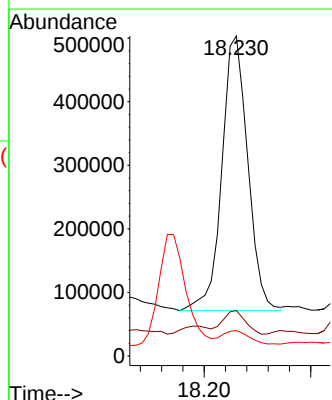
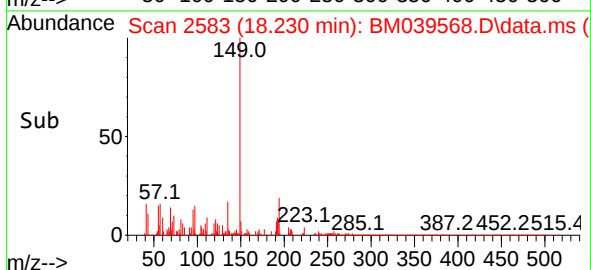
Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023

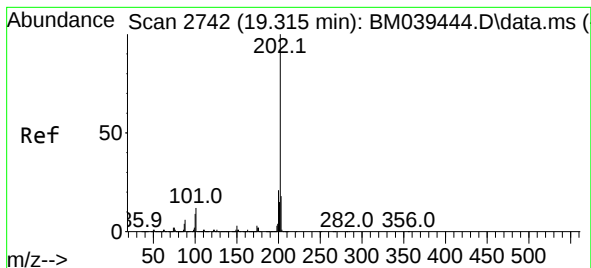


#74
 Di-n-butylphthalate
 Concen: 17.983 ng
 RT: 18.230 min Scan# 2583
 Delta R.T. 0.030 min
 Lab File: BM039568.D
 Acq: 22 Apr 2023 01:18



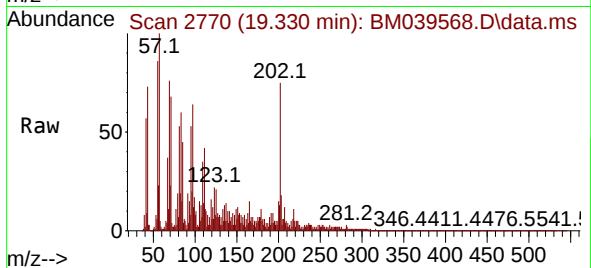
Tgt Ion:149 Resp: 730561
 Ion Ratio Lower Upper
 149 100
 150 14.2 7.4 11.2#
 104 7.9 4.1 6.1#





#75
Fluoranthene
Concen: 26.339 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.035 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

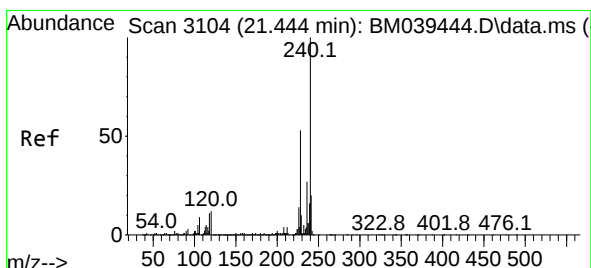
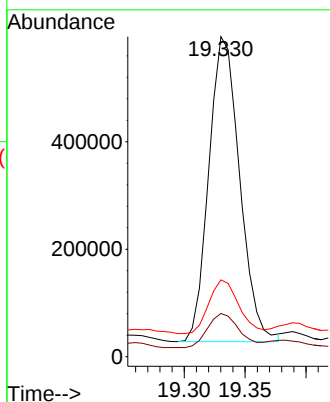
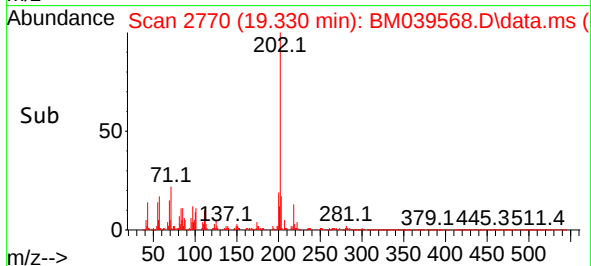
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:202 Resp: 1001018
Ion Ratio Lower Upper
202 100
101 13.5 0.0 32.1
203 24.0 0.0 37.6

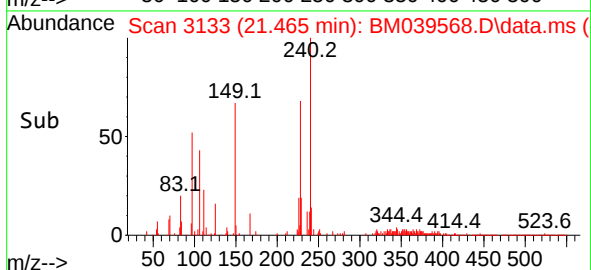
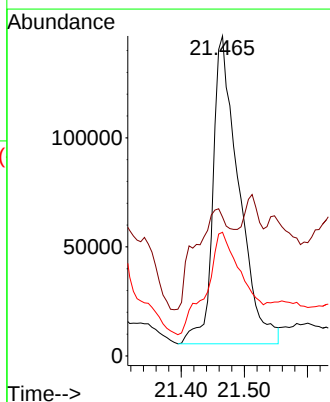
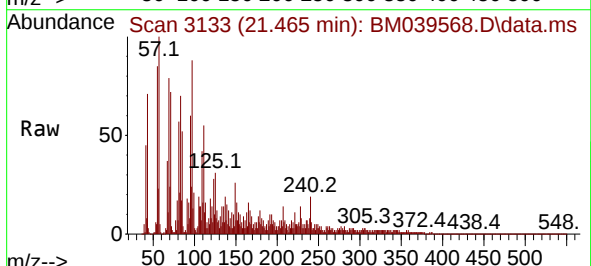
Manual Integrations
APPROVED

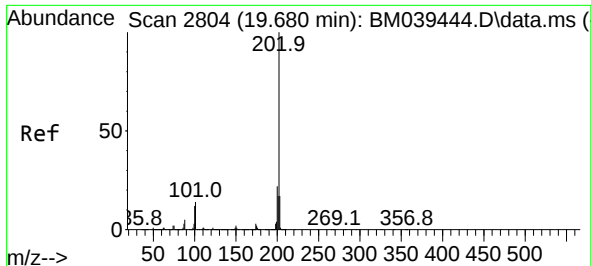
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.465 min Scan# 3133
Delta R.T. 0.041 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

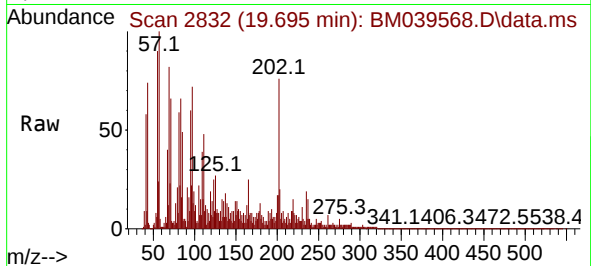
Tgt Ion:240 Resp: 402657
Ion Ratio Lower Upper
240 100
120 43.4 9.4 14.2#
236 38.7 21.2 31.8#





#78
Pyrene
Concen: 35.907 ng
RT: 19.695 min Scan# 2804
Delta R.T. 0.035 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

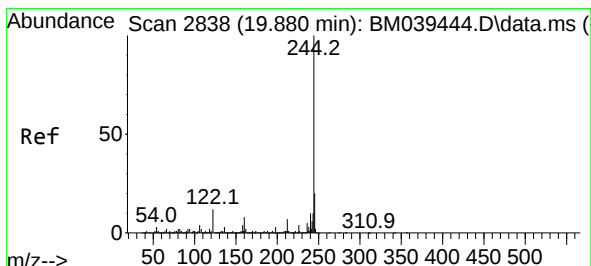
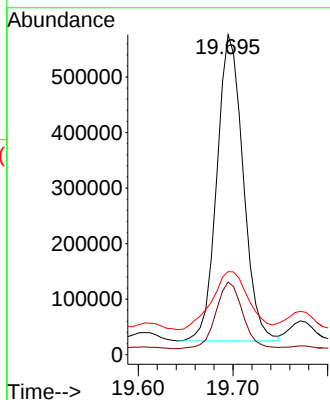
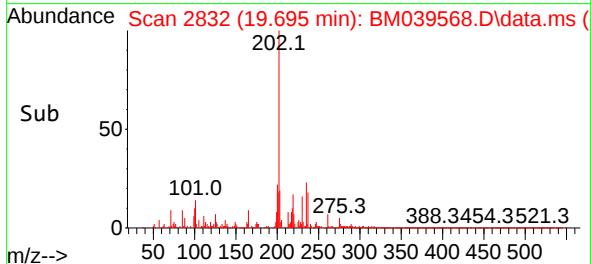
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



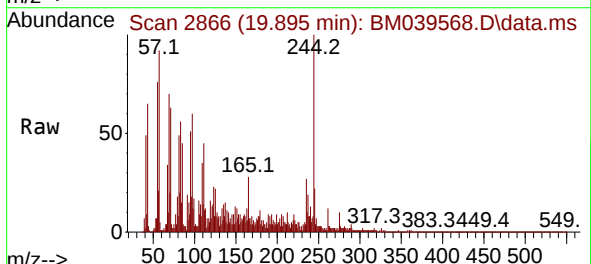
Tgt Ion:202 Resp: 1063278
Ion Ratio Lower Upper
202 100
200 22.7 17.2 25.8
203 26.0 13.9 20.9

Manual Integrations
APPROVED

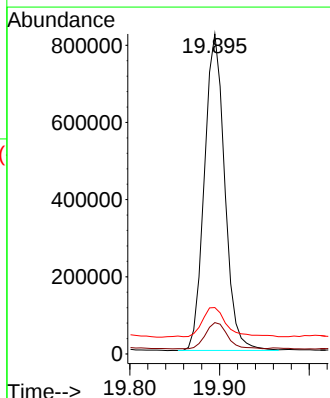
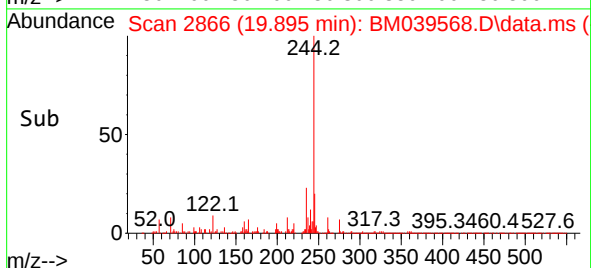
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

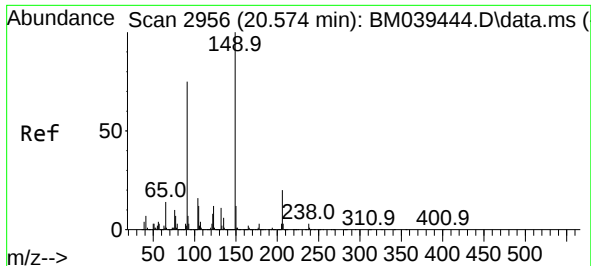


#79
Terphenyl-d14
Concen: 57.884 ng
RT: 19.895 min Scan# 2866
Delta R.T. 0.030 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18



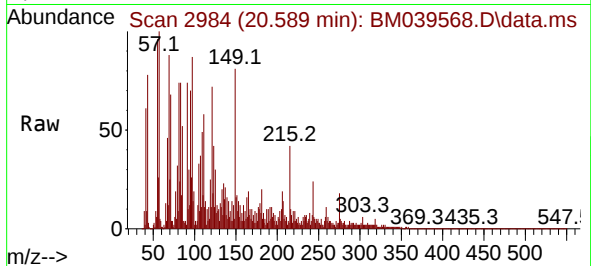
Tgt Ion:244 Resp: 1291967
Ion Ratio Lower Upper
244 100
212 9.8 5.8 8.8#
122 14.5 9.5 14.3#





#80
Butylbenzylphthalate
Concen: 42.935 ng
RT: 20.589 min Scan# 2956
Delta R.T. 0.029 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

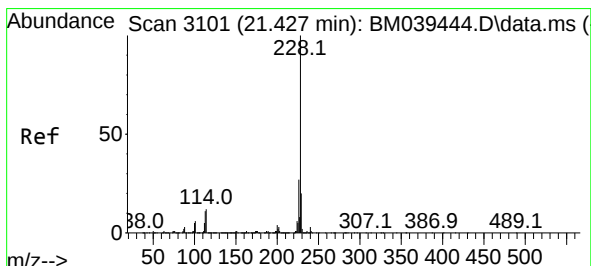
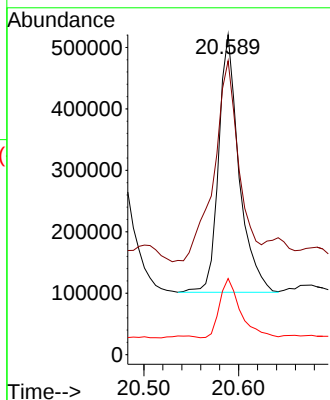
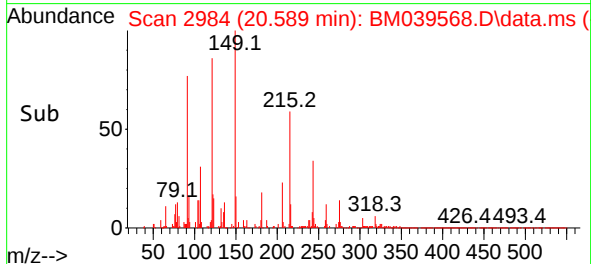
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



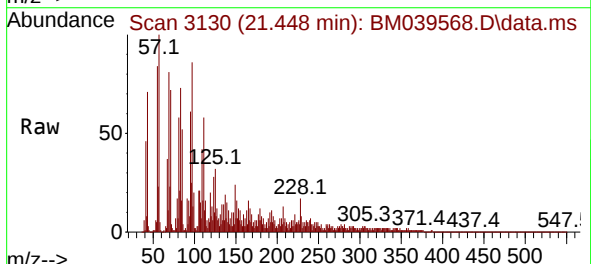
Tgt Ion:149 Resp: 630454
Ion Ratio Lower Upper
149 100
91 91.8 59.9 89.9#
206 23.8 15.8 23.8#

Manual Integrations
APPROVED

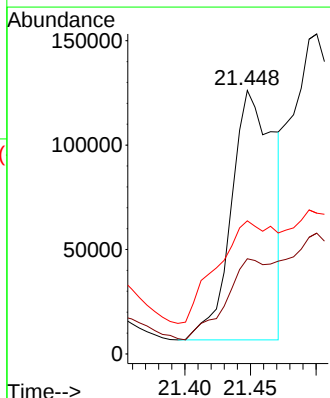
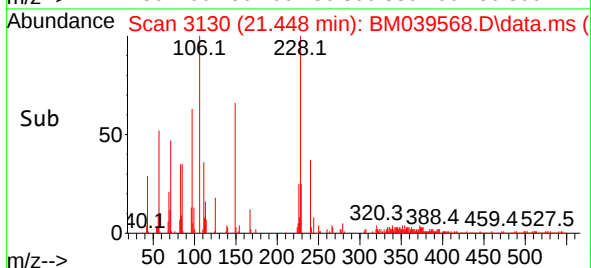
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

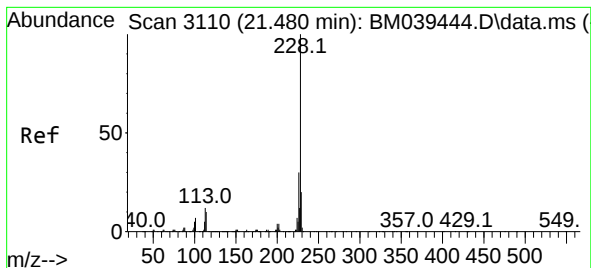


#81
Benzo(a)anthracene
Concen: 9.453 ng
RT: 21.448 min Scan# 3130
Delta R.T. 0.035 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18



Tgt Ion:228 Resp: 270307
Ion Ratio Lower Upper
228 100
226 36.1 21.8 32.8#
229 50.5 15.9 23.9#





#83

Chrysene

Concen: 13.807 ng

RT: 21.501 min Scan# 3110

Delta R.T. 0.035 min

Lab File: BM039568.D

Acq: 22 Apr 2023 01:18

Instrument :

BNA_M

ClientSampleId :

SPA-4WC-23-04

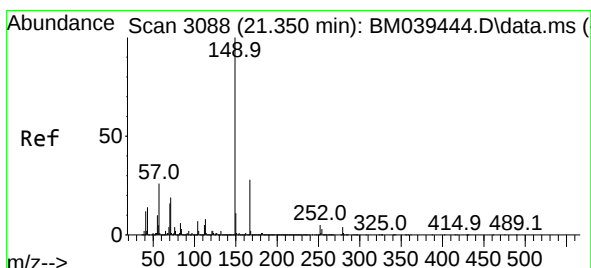
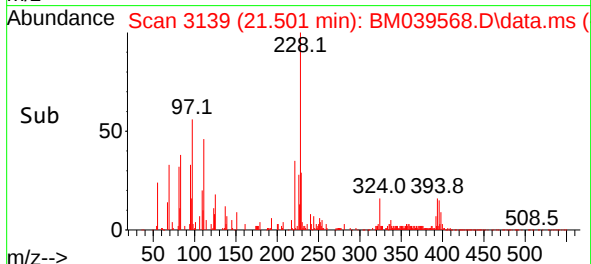
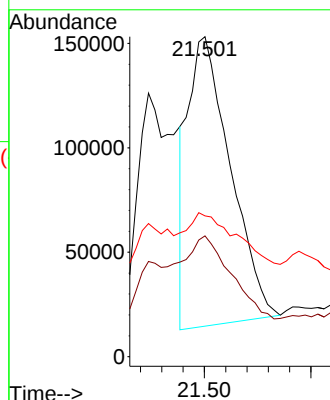
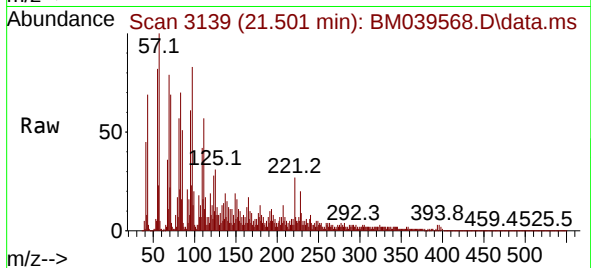
Tgt Ion:228 Resp: 382672

Ion	Ratio	Lower	Upper
228	100		
226	37.7	24.0	36.0
229	44.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 659.737 ng

RT: 21.395 min Scan# 3121

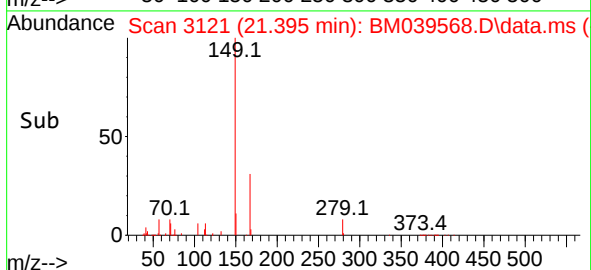
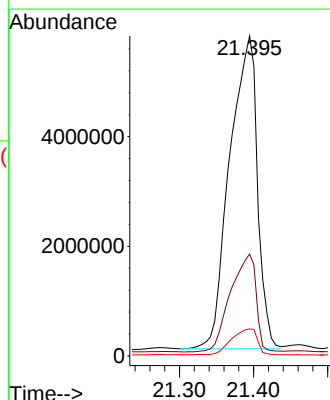
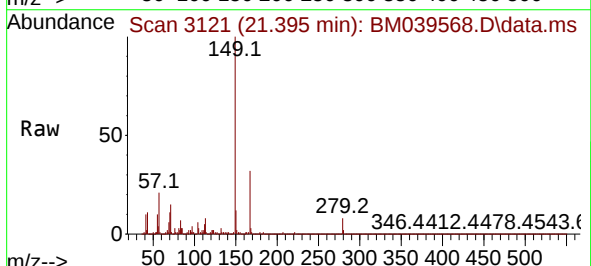
Delta R.T. 0.065 min

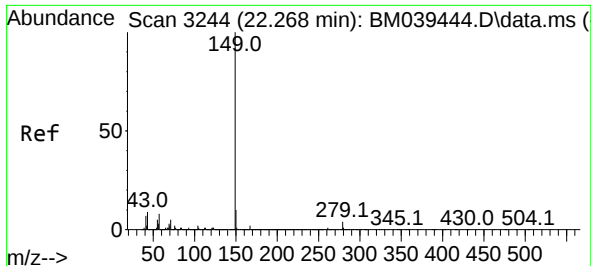
Lab File: BM039568.D

Acq: 22 Apr 2023 01:18

Tgt Ion:149 Resp:14767147

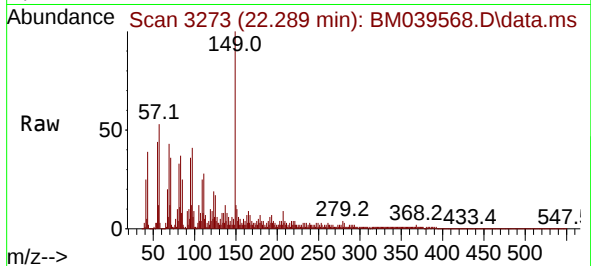
Ion	Ratio	Lower	Upper
149	100		
167	31.9	22.3	33.5
279	8.4	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 87.049 ng
RT: 22.289 min Scan# 31
Delta R.T. 0.041 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

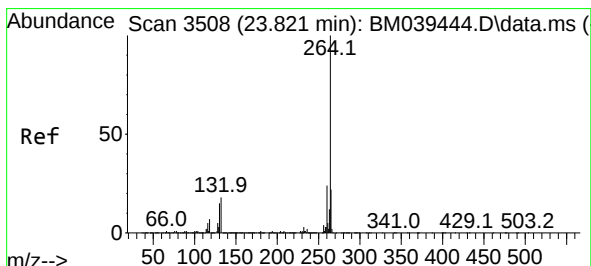
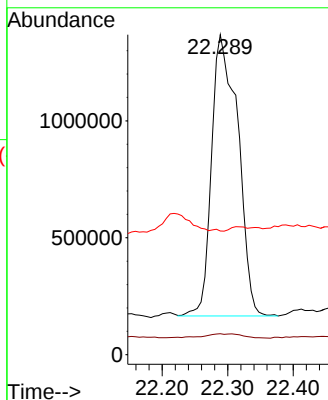
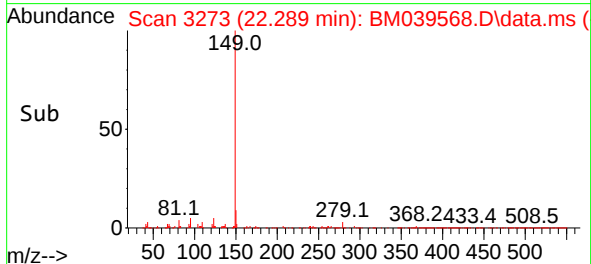
Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion:149 Resp: 3350580
Ion Ratio Lower Upper
149 100
167 2.4 1.2 1.8
43 0.0 7.1 10.7

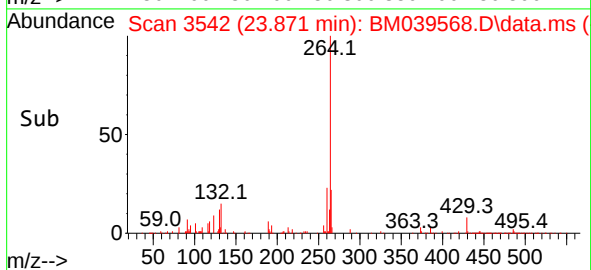
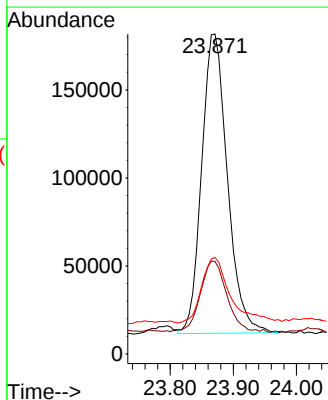
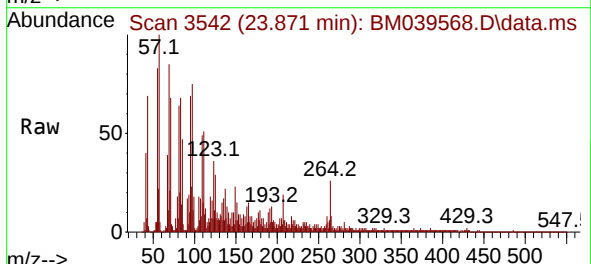
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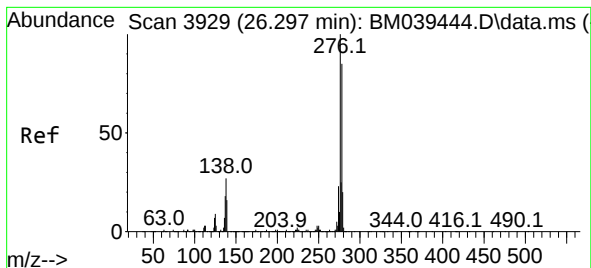
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.871 min Scan# 3542
Delta R.T. 0.082 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

Tgt Ion:264 Resp: 481362
Ion Ratio Lower Upper
264 100
260 28.9 19.0 28.6#
265 30.2 18.0 27.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.248 ng

RT: 26.359 min Scan# 3929

Delta R.T. 0.124 min

Lab File: BM039568.D

Acq: 22 Apr 2023 01:18

Instrument :

BNA_M

ClientSampleId :

SPA-4WC-23-04

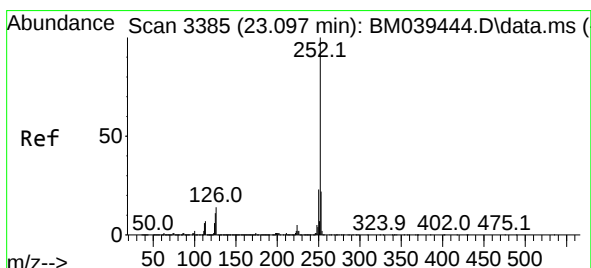
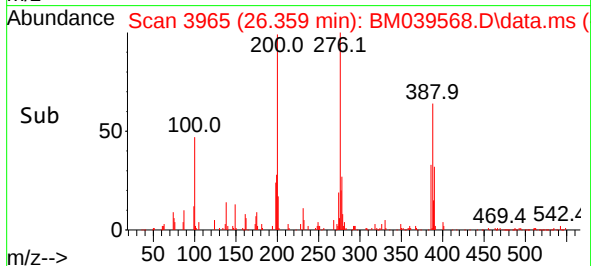
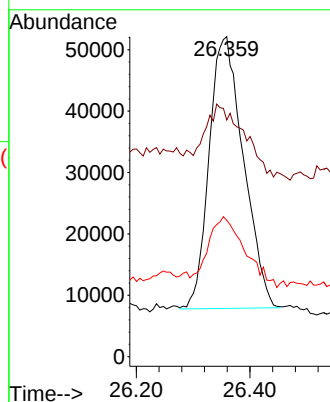
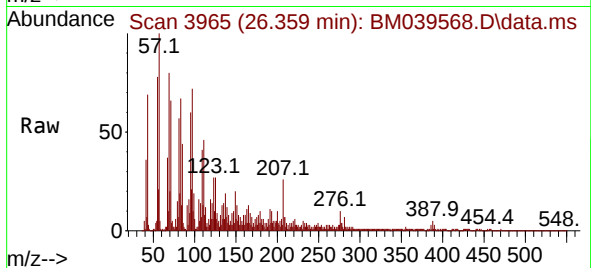
Tgt Ion:	276	Resp:	185639
Ion Ratio	Lower	Upper	
276	100		
138	30.2	21.4	32.0
277	28.2	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#88

Benzo(b)fluoranthene

Concen: 12.638 ng m

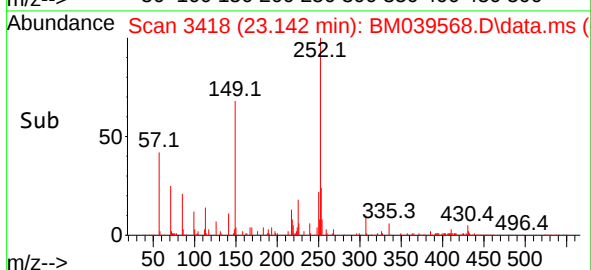
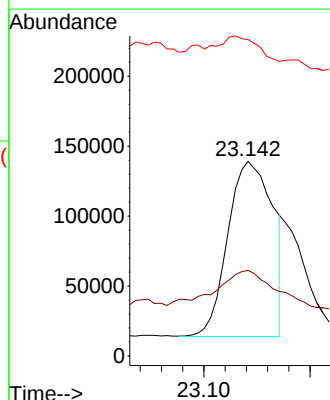
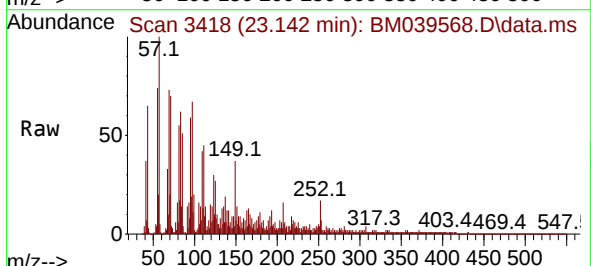
RT: 23.142 min Scan# 3418

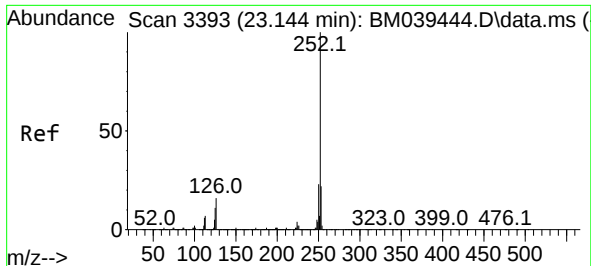
Delta R.T. 0.071 min

Lab File: BM039568.D

Acq: 22 Apr 2023 01:18

Tgt Ion:	252	Resp:	370922
Ion Ratio	Lower	Upper	
252	100		
253	44.0	17.8	26.6#
125	162.5	8.9	13.3#





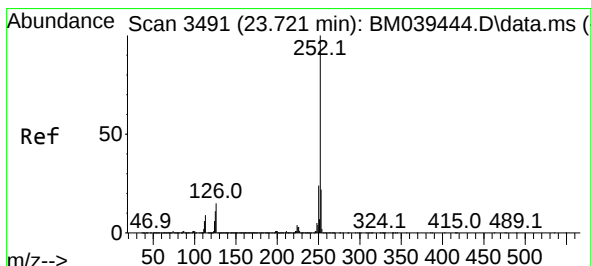
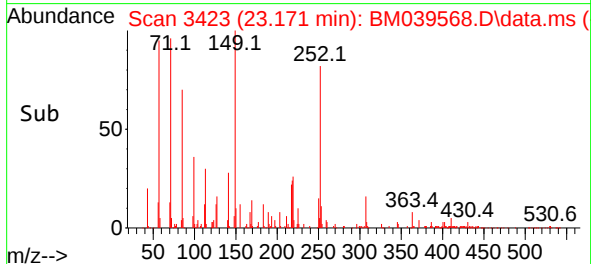
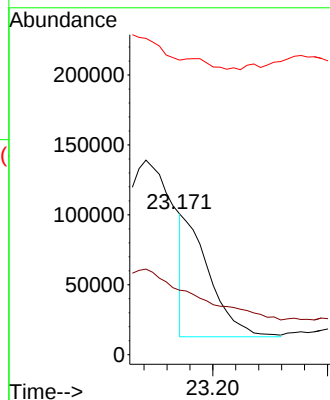
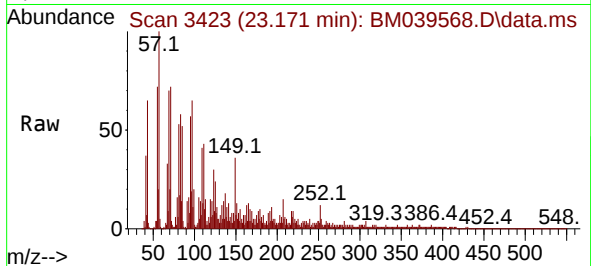
#89
Benzo(k)fluoranthene
Concen: 4.521 ng m
RT: 23.171 min Scan# 34
Delta R.T. 0.053 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04

Tgt Ion:252 Resp: 138728
Ion Ratio Lower Upper
252 100
253 45.8 17.5 26.3#
125 209.3 8.8 13.2#

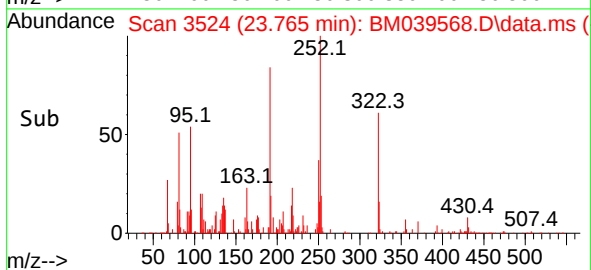
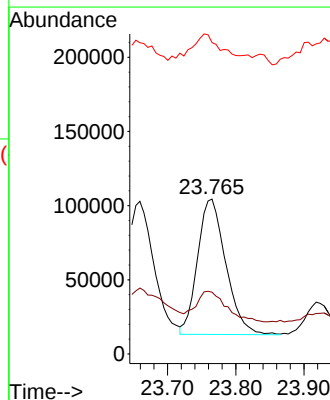
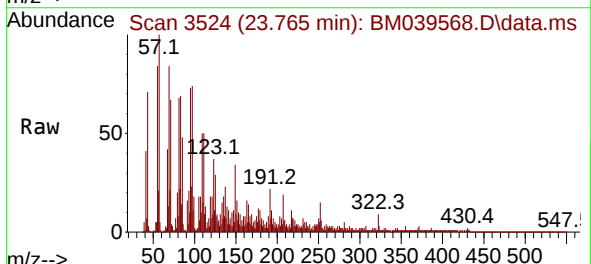
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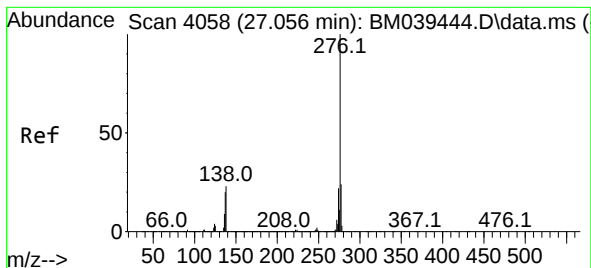
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#90
Benzo(a)pyrene
Concen: 9.013 ng
RT: 23.765 min Scan# 3524
Delta R.T. 0.082 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

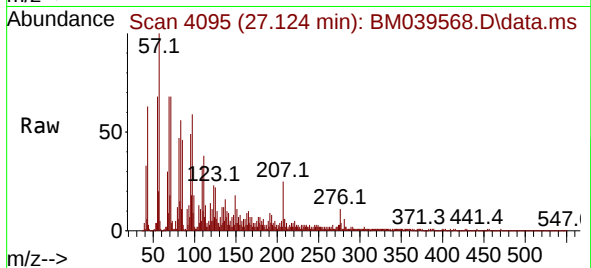
Tgt Ion:252 Resp: 262902
Ion Ratio Lower Upper
252 100
253 39.9 17.7 26.5#
125 200.9 9.0 13.6#





#92
Benzo(g,h,i)perylene
Concen: 7.972 ng
RT: 27.124 min Scan# 4095
Delta R.T. 0.135 min
Lab File: BM039568.D
Acq: 22 Apr 2023 01:18

Instrument :
BNA_M
ClientSampleId :
SPA-4WC-23-04



Tgt Ion: 276 Resp: 232308
Ion Ratio Lower Upper
276 100
277 36.2 19.1 28.7
138 58.9 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023

