

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033297.D
 Acq On : 03 Dec 2021 21:38
 Operator : CG/JU
 Sample : M4917-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 06 00:51:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	135535	20.00	ng	0.00
21) Naphthalene-d8	10.724	136	529973	20.00	ng	#-0.01
39) Acenaphthene-d10	14.548	164	316128	20.00	ng	-0.01
64) Phenanthrene-d10	17.289	188	628315	20.00	ng	# 0.00
76) Chrysene-d12	21.447	240	619183	20.00	ng	# 0.00
86) Perylene-d12	23.782	264	629009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	498742	60.77	ng	0.02
7) Phenol-d6	7.113	99	396187	36.04	ng	0.02
23) Nitrobenzene-d5	9.095	82	1103165	96.63	ng	0.00
42) 2,4,6-Tribromophenol	16.036	330	472253	137.04	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	2055793	91.71	ng	0.00
79) Terphenyl-d14	19.900	244	2594532	82.86	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.707	107	90956	9.15	ng	88
27) 2,4-Dimethylphenol	9.942	122	33917m	4.84	ng	
31) Naphthalene	10.783	128	8367911	299.32	ng	98
37) 2-Methylnaphthalene	12.383	142	2086585	109.63	ng	96
38) 1-Methylnaphthalene	12.601	142	1552846	83.63	ng	97
58) Fluorene	15.595	166	56165	2.47	ng	96

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

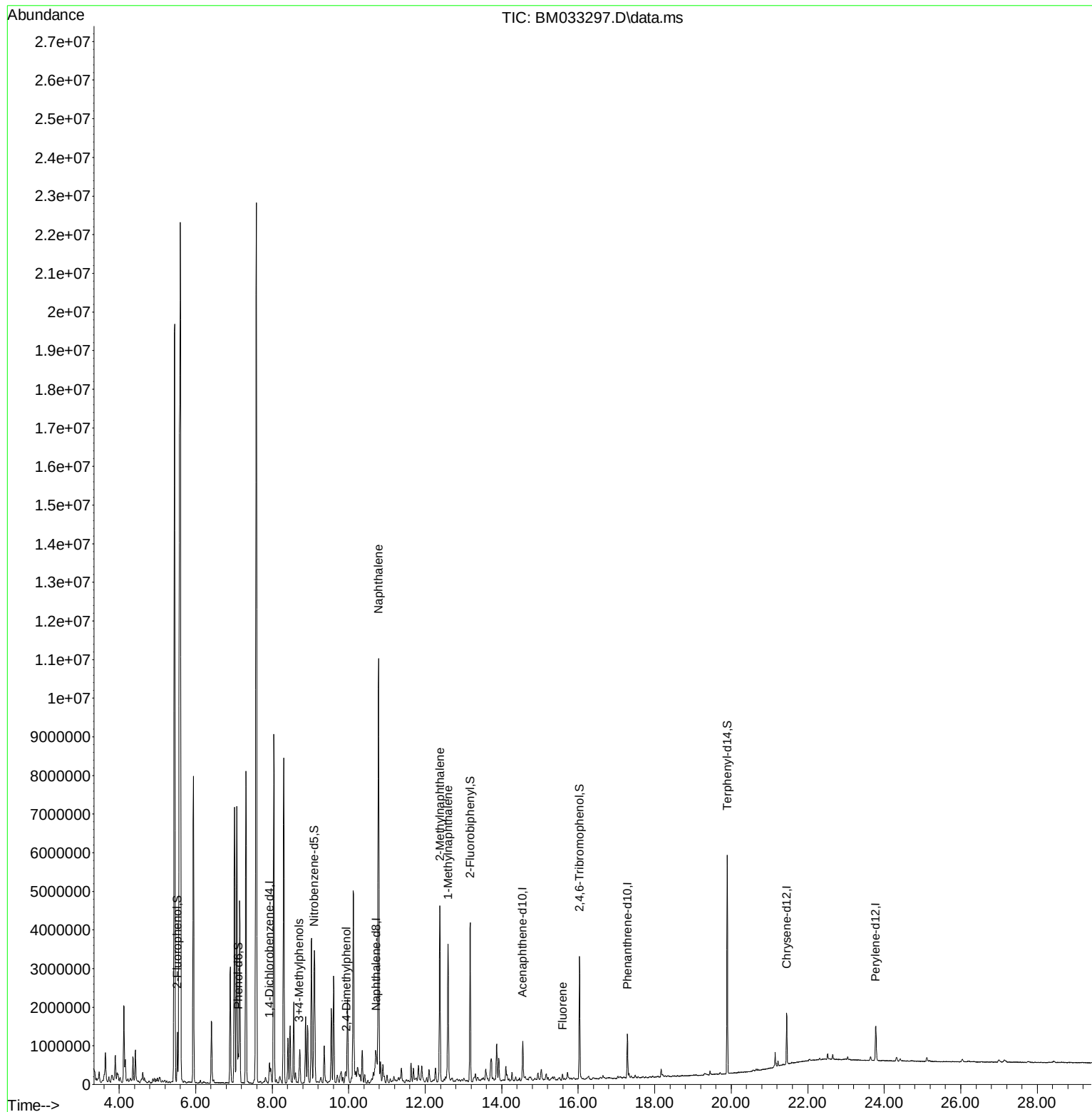
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033297.D
Acq On : 03 Dec 2021 21:38
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

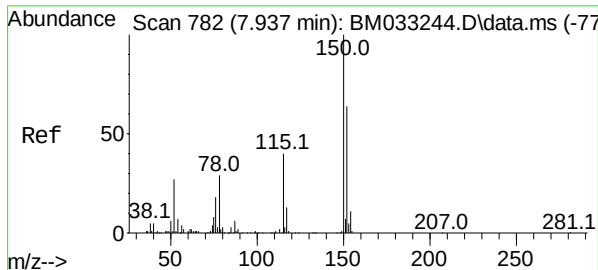
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MW-23

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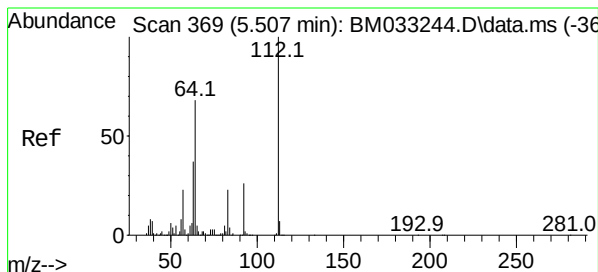
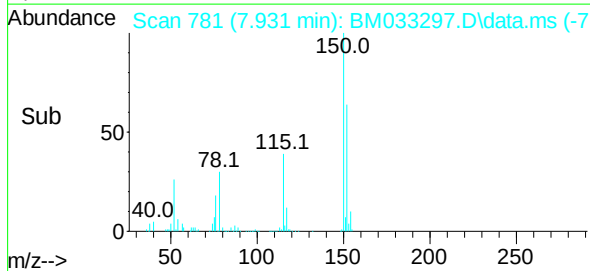
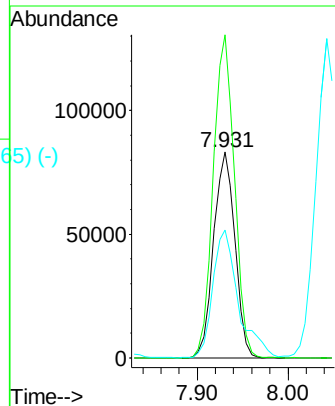
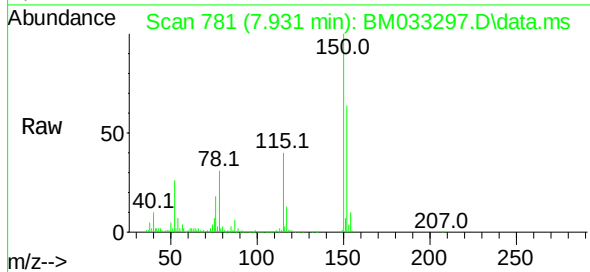
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.931 min Scan#
 Delta R.T. -0.006 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Tgt Ion:152 Resp: 13553
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.4 183.6
 115 62.0 53.8 80.8

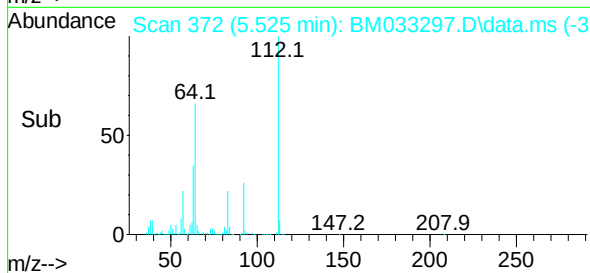
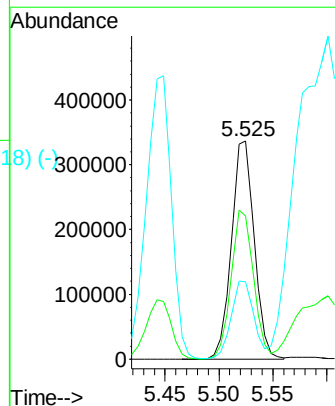
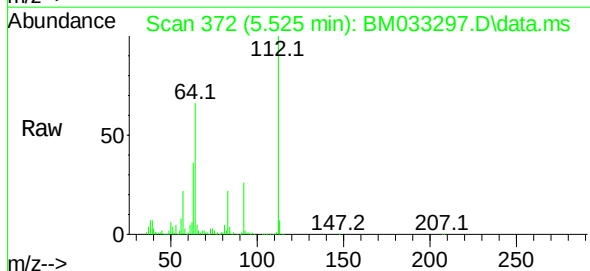
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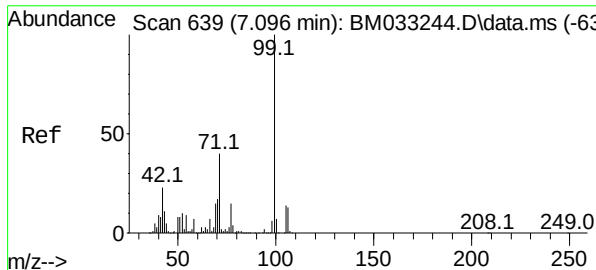
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021



2-Fluorophenol
 Concen: 60.77 ng
 RT: 5.525 min Scan# 372
 Delta R.T. 0.017 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

Tgt Ion:112 Resp: 498742
 Ion Ratio Lower Upper
 112 100
 64 65.8 53.7 80.5
 63 35.5 33.9 50.9





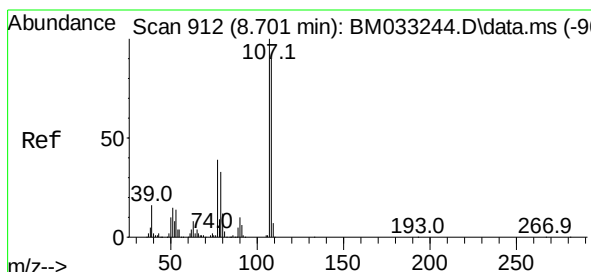
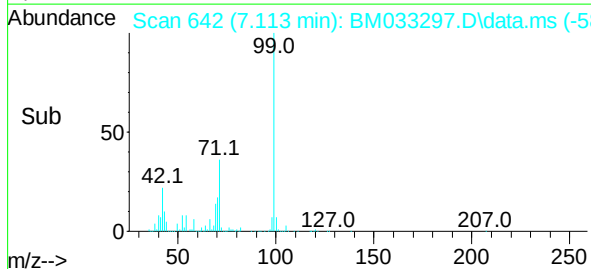
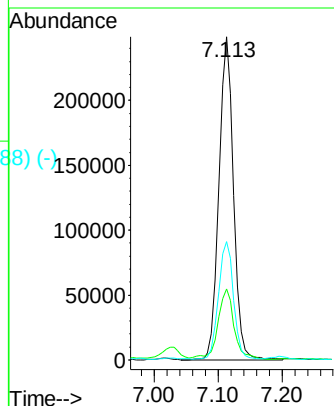
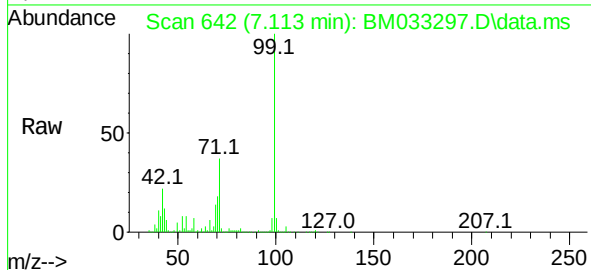
Phenol-d6
Concen: 36.04 ng
RT: 7.113 min Scan# 642
Delta R.T. 0.017 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Instrument :
BNA_M
Client Sample Id :
MW-23

Tgt Ion: 99 Resp: 39618
Ion Ratio Lower Upper
99 100
42 21.9 23.0 34.6
71 36.7 37.8 56.8

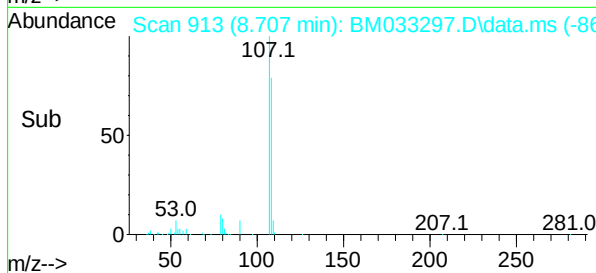
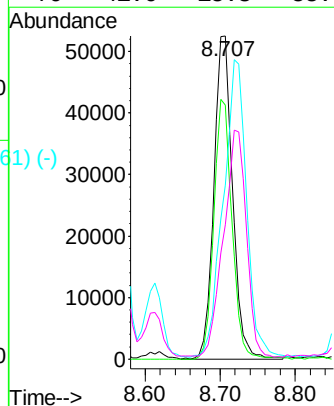
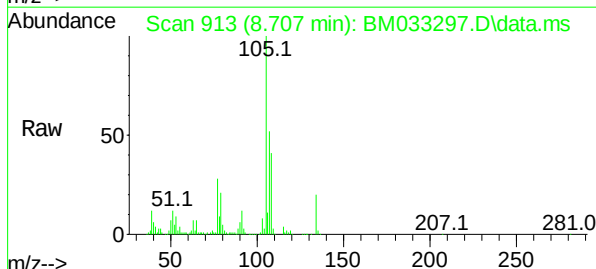
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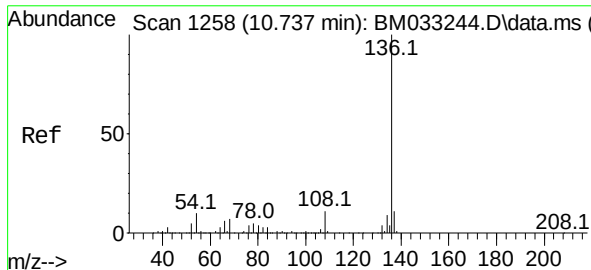
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Supervised By :Sohil Jodhani 12/06/2021



3+4-Methylphenols
Concen: 9.15 ng
RT: 8.707 min Scan# 913
Delta R.T. 0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:107 Resp: 90956
Ion Ratio Lower Upper
107 100
108 78.5 67.6 107.6
77 53.9 21.9 61.9
79 41.6 15.3 55.3





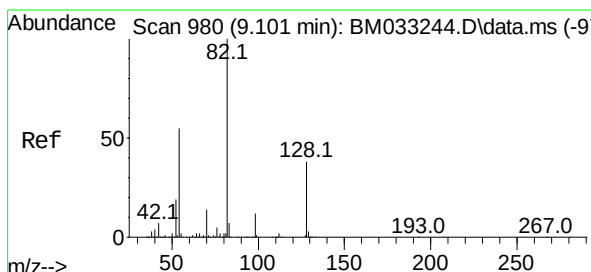
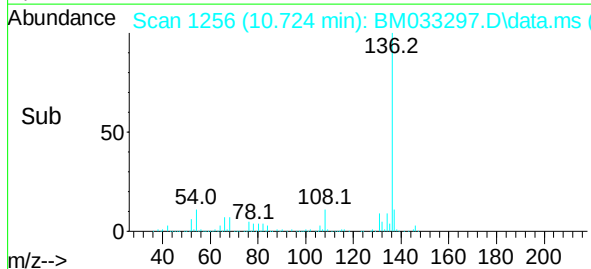
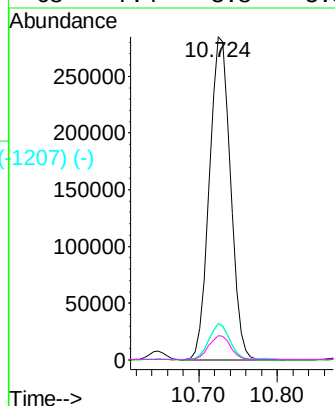
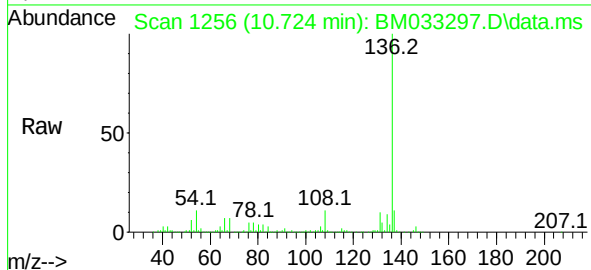
Naphthalene-d8
Concen: 20.00 ng
RT: 10.724 min Scan# 1258
Delta R.T. -0.013 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Instrument :
BNA_M
ClientSampleId :
MW-23

Tgt Ion:	136	Resp:	52997
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.3
54	11.3	7.4	11.0
68	7.4	3.8	5.8#

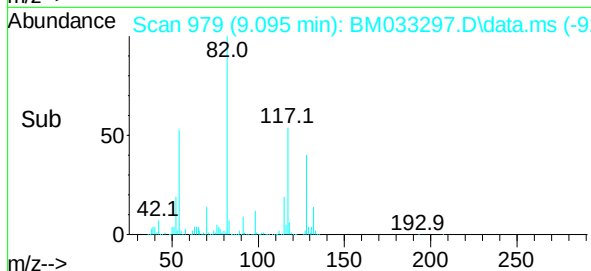
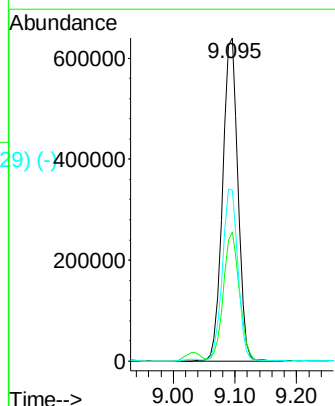
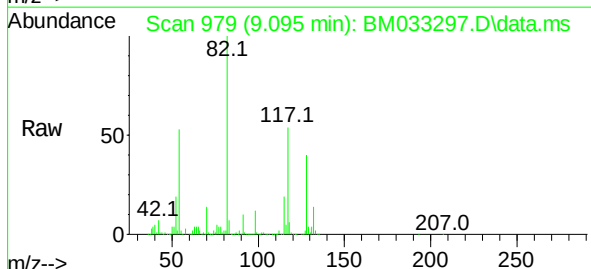
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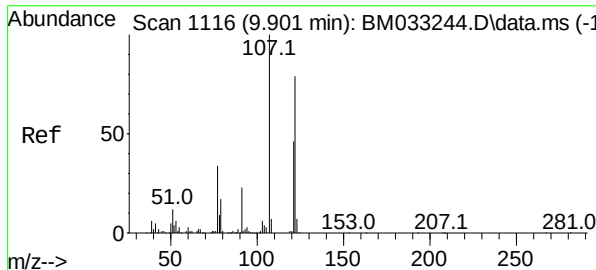
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Supervised By :Sohil Jodhani 12/06/2021



Nitrobenzene-d5
Concen: 96.63 ng
RT: 9.095 min Scan# 979
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

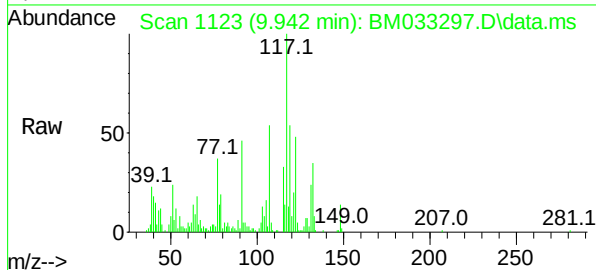
Tgt Ion:	82	Resp:	1103165
Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.0	43.6
54	52.8	45.8	68.8





Scan 1116 (9.901 min): BM033244.D\data.ms (-1116) (-)
 2,4-Dimethylphenol
 Concen: 4.84 ng m
 RT: 9.942 min Scan# 1116
 Delta R.T. 0.041 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

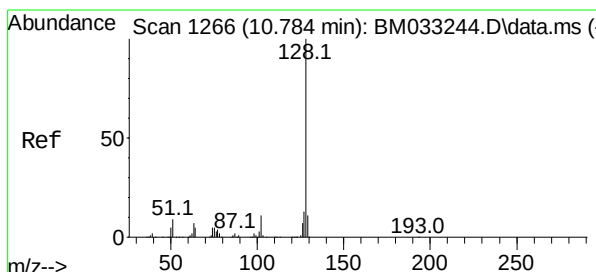
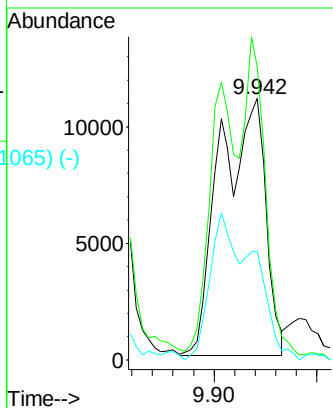
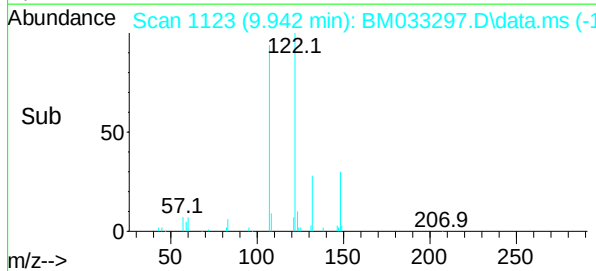
Instrument :
 BNA_M
 ClientSampleId :
 MW-23



Tgt Ion:122 Resp: 339
 Ion Ratio Lower Upper
 122 100
 107 112.1 100.6 150.8
 121 41.6 47.3 70.9

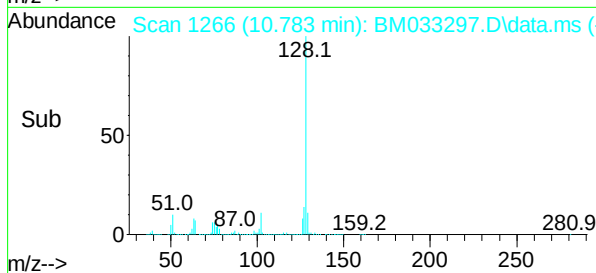
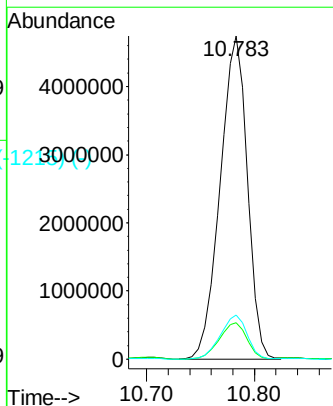
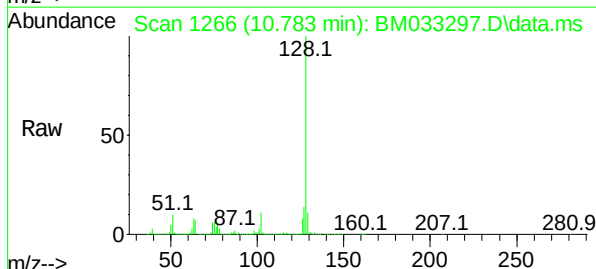
Manual Integrations
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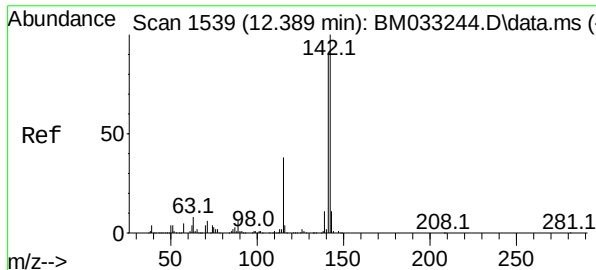
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Scan 1266 (10.784 min): BM033244.D\data.ms (-1266) (-)
 Naphthalene
 Concen: 299.32 ng
 RT: 10.783 min Scan# 1266
 Delta R.T. -0.000 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

Tgt Ion:128 Resp: 8367911
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 13.7 10.4 15.6





Scan 1539 (12.389 min): BM033244.D\data.ms (-1537) (-)
 2-Methylnaphthalene
 Concen: 109.63 ng
 RT: 12.383 min Scan# 1537
 Delta R.T. -0.006 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

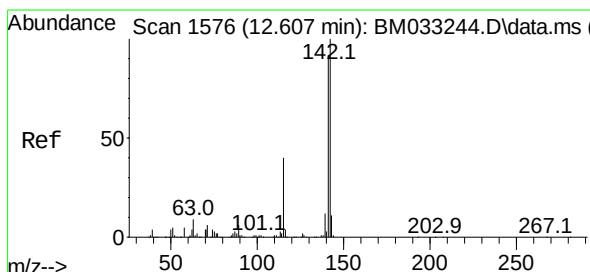
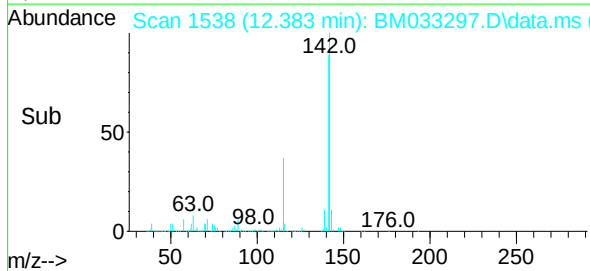
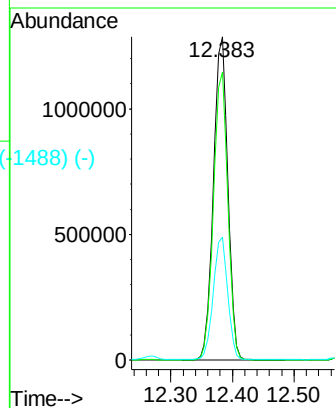
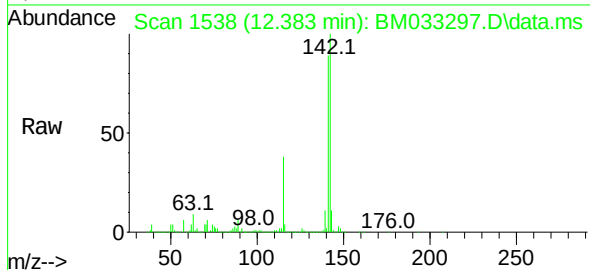
Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Tgt Ion:142 Resp: 208658

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.8	107.6
115	37.9	36.3	54.5

Manual Integrations
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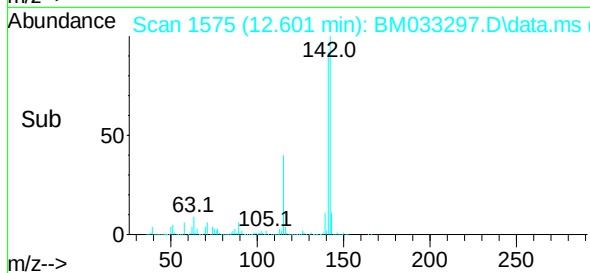
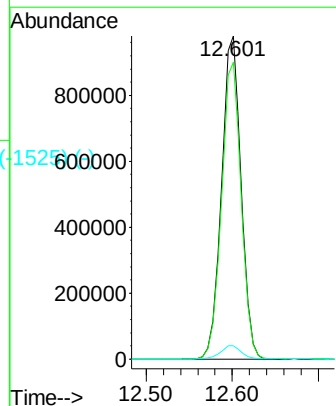
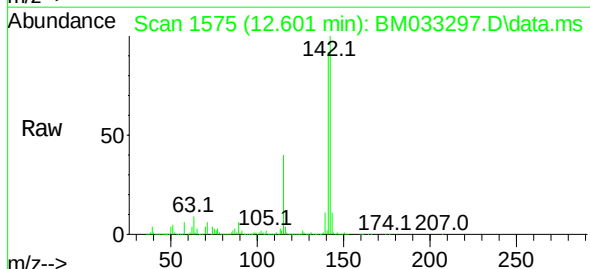
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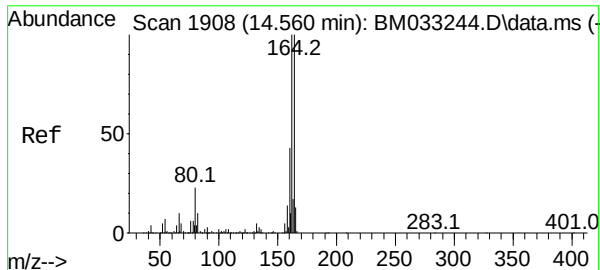


Scan 1576 (12.607 min): BM033244.D\data.ms (-1569) (-)
 1-Methylnaphthalene
 Concen: 83.63 ng
 RT: 12.601 min Scan# 1575
 Delta R.T. -0.006 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

Tgt Ion:142 Resp: 1552846

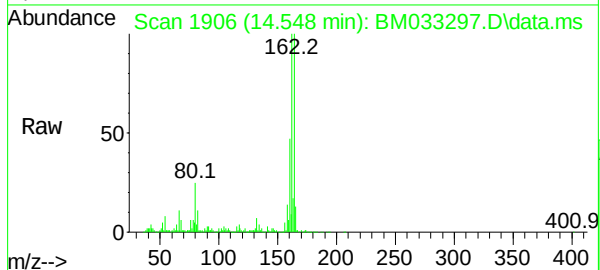
Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.6	113.4
116	4.1	4.0	6.0





Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.548 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

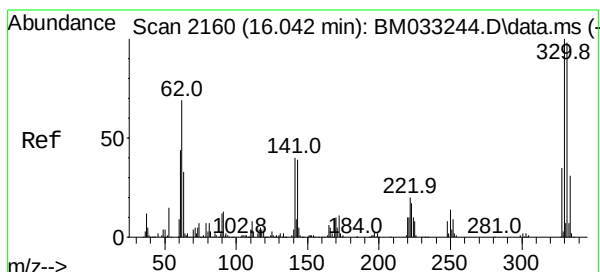
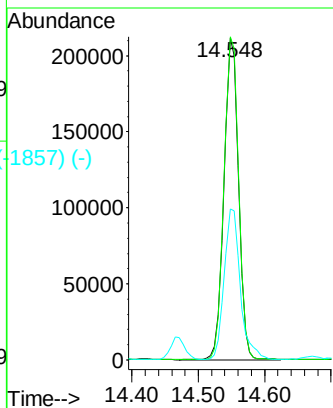
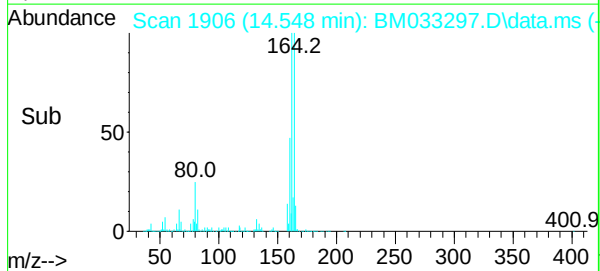
Instrument :
 BNA_M
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 MW-23



Tgt Ion:164 Resp: 31612
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.6 121.0
 160 46.9 35.1 52.7

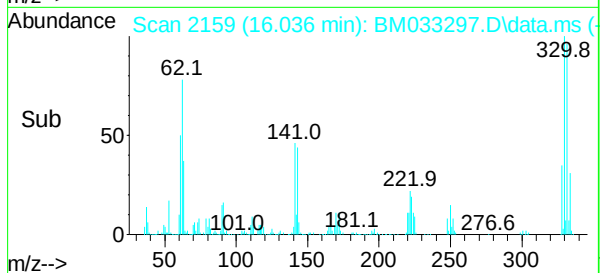
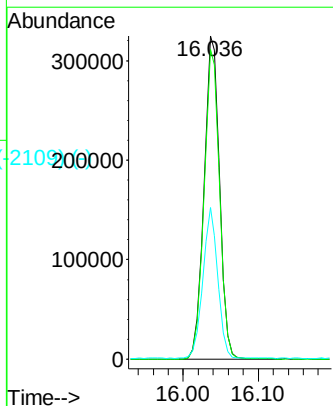
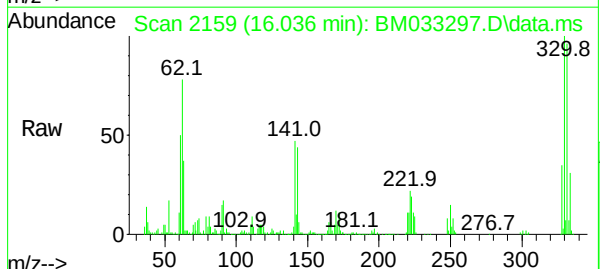
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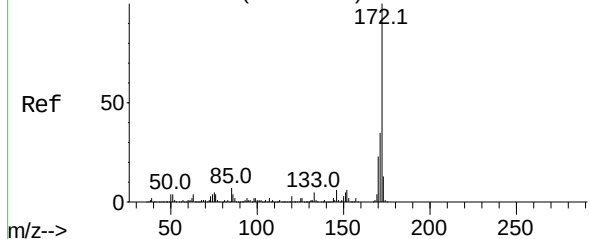


2,4,6-Tribromophenol
 Concen: 137.04 ng
 RT: 16.036 min Scan# 2159
 Delta R.T. -0.006 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

Tgt Ion:330 Resp: 472253
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 44.5 50.7 76.1#



Abundance Scan 1674 (13.183 min): BM033244.D\data.ms (-1645) (-)



2-Fluorobiphenyl
Concen: 91.71 ng
RT: 13.177 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

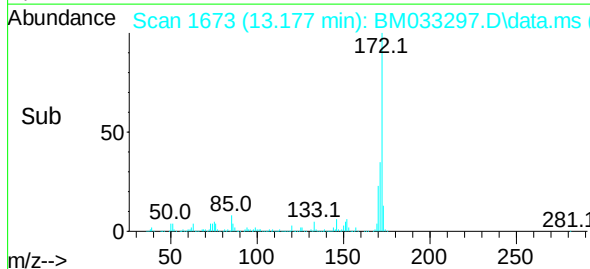
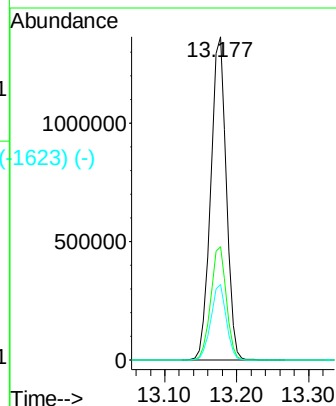
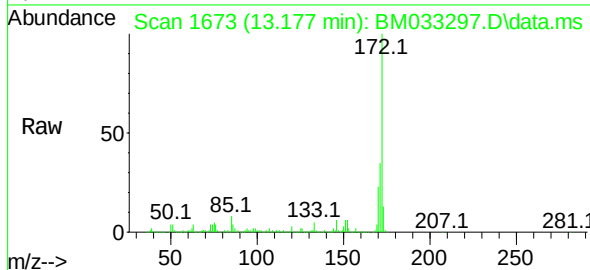
MW-23

Tgt Ion:172 Resp: 205579
Ion Ratio Lower Upper
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171 35.1 28.1 42.3
170 23.3 18.6 27.8

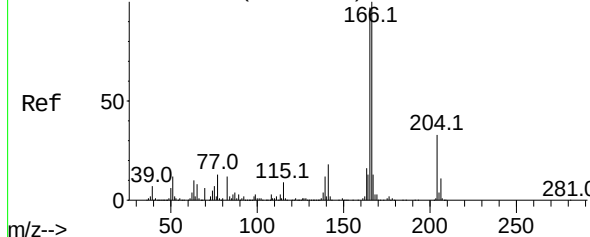
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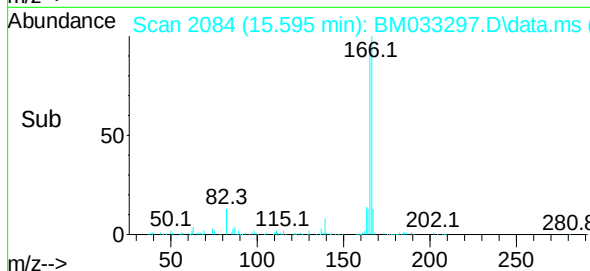
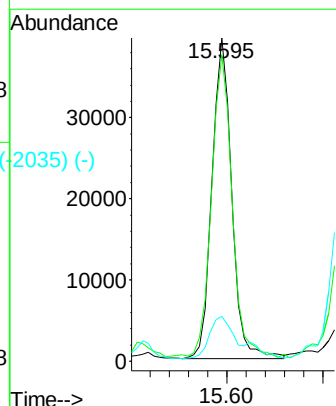
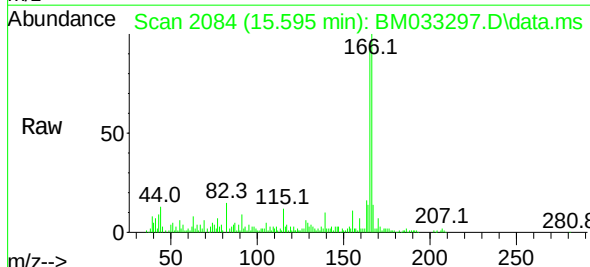


Abundance Scan 2086 (15.607 min): BM033244.D\data.ms (-2056) (-)

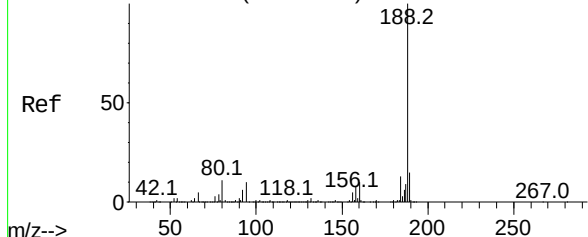


Fluorene
Concen: 2.47 ng
RT: 15.595 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:166 Resp: 56165
Ion Ratio Lower Upper
166 100
165 94.8 79.3 118.9
167 13.9 10.6 16.0



Abundance Scan 2373 (17.295 min): BM033244.D\data.ms (-2364) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.289 min Scan# 2364
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

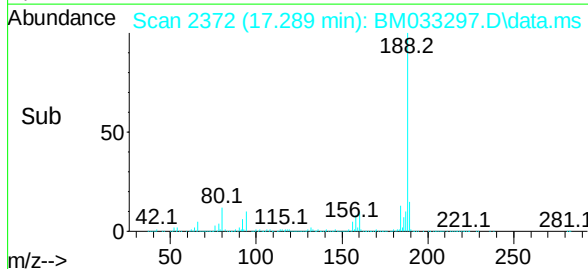
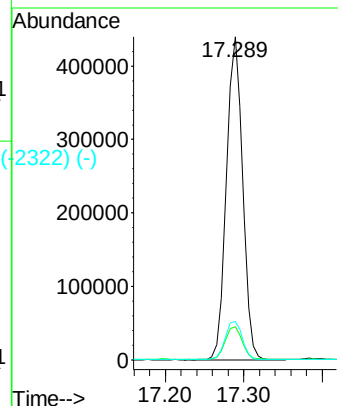
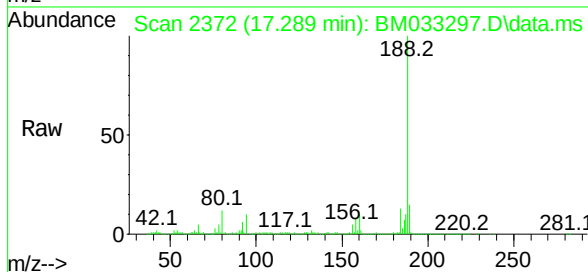
MW-23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.3	9.5
80	11.8	7.3	10.9

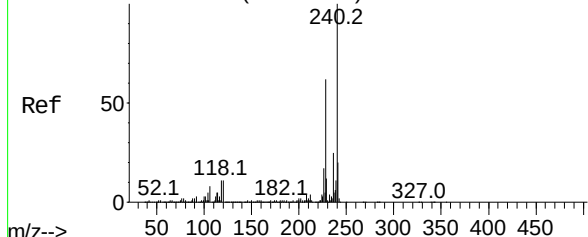
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

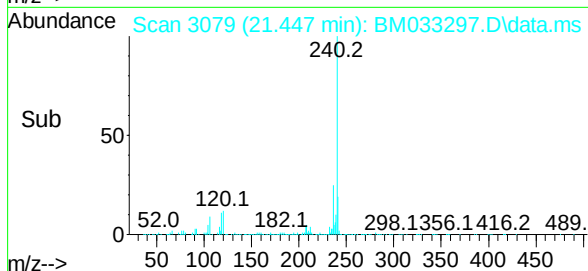
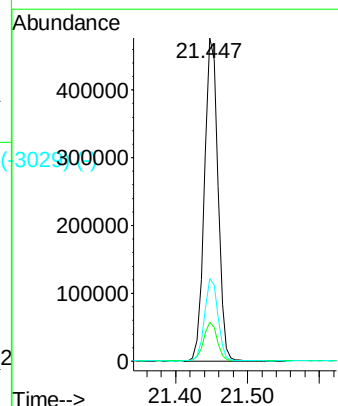
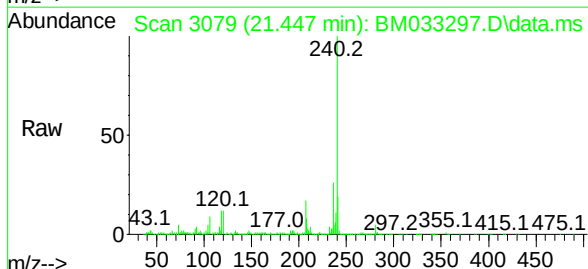


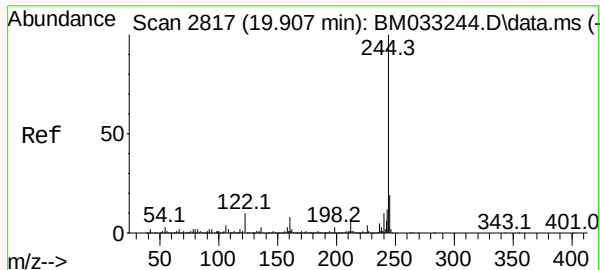
Abundance Scan 3080 (21.453 min): BM033244.D\data.ms (-3079) (-)



Chrysene-d12
Concen: 20.00 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	7.8	11.6#
236	25.6	20.9	31.3





Terphenyl-d14

Concen: 82.86 ng

RT: 19.900 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BM033297.D

Acq: 03 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

MW-23

Tgt Ion:244 Resp: 259453

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

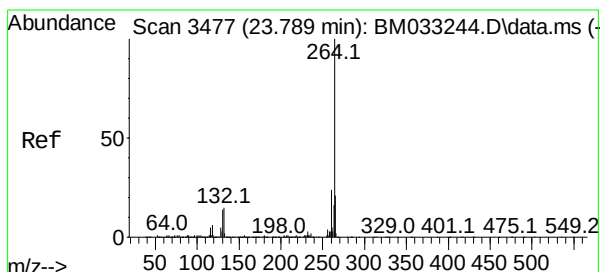
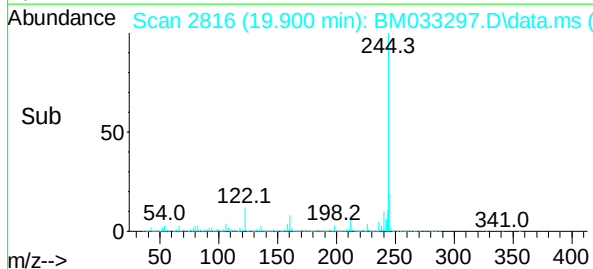
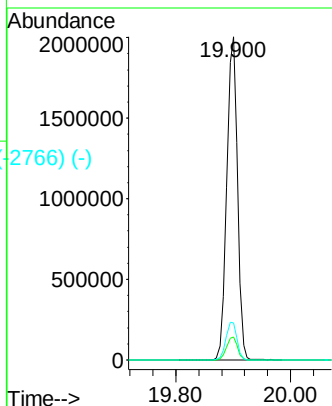
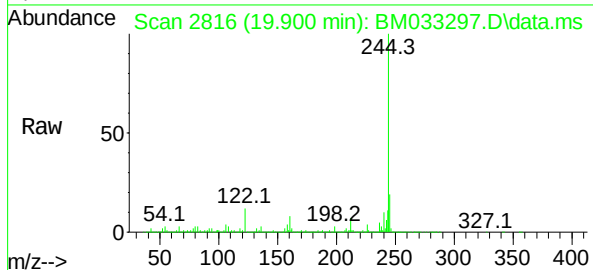
122 11.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021

Supervised By :Sohil Jodhani 12/06/2021



Perylene-d12

Concen: 20.00 ng

RT: 23.782 min Scan# 3476

Delta R.T. -0.006 min

Lab File: BM033297.D

Acq: 03 Dec 2021 21:38

Tgt Ion:264 Resp: 629009

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.3 18.3 27.5

