

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041293.D
 Acq On : 04 Aug 2023 14:18
 Operator : MA/JU
 Sample : 03887-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 16:14:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	105654	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	431171	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	300482	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	790504	20.000	ng	0.00
76) Chrysene-d12	21.421	240	797802	20.000	ng	-0.01
86) Perylene-d12	23.797	264	781043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	776171	109.797	ng	0.00
7) Phenol-d6	6.975	99	923236	100.754	ng	0.00
23) Nitrobenzene-d5	8.969	82	732251	78.978	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	645080	151.778	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1748251	73.498	ng	0.00
79) Terphenyl-d14	19.856	244	4263442	96.622	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	12027m	9.268	ng	Qvalue

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

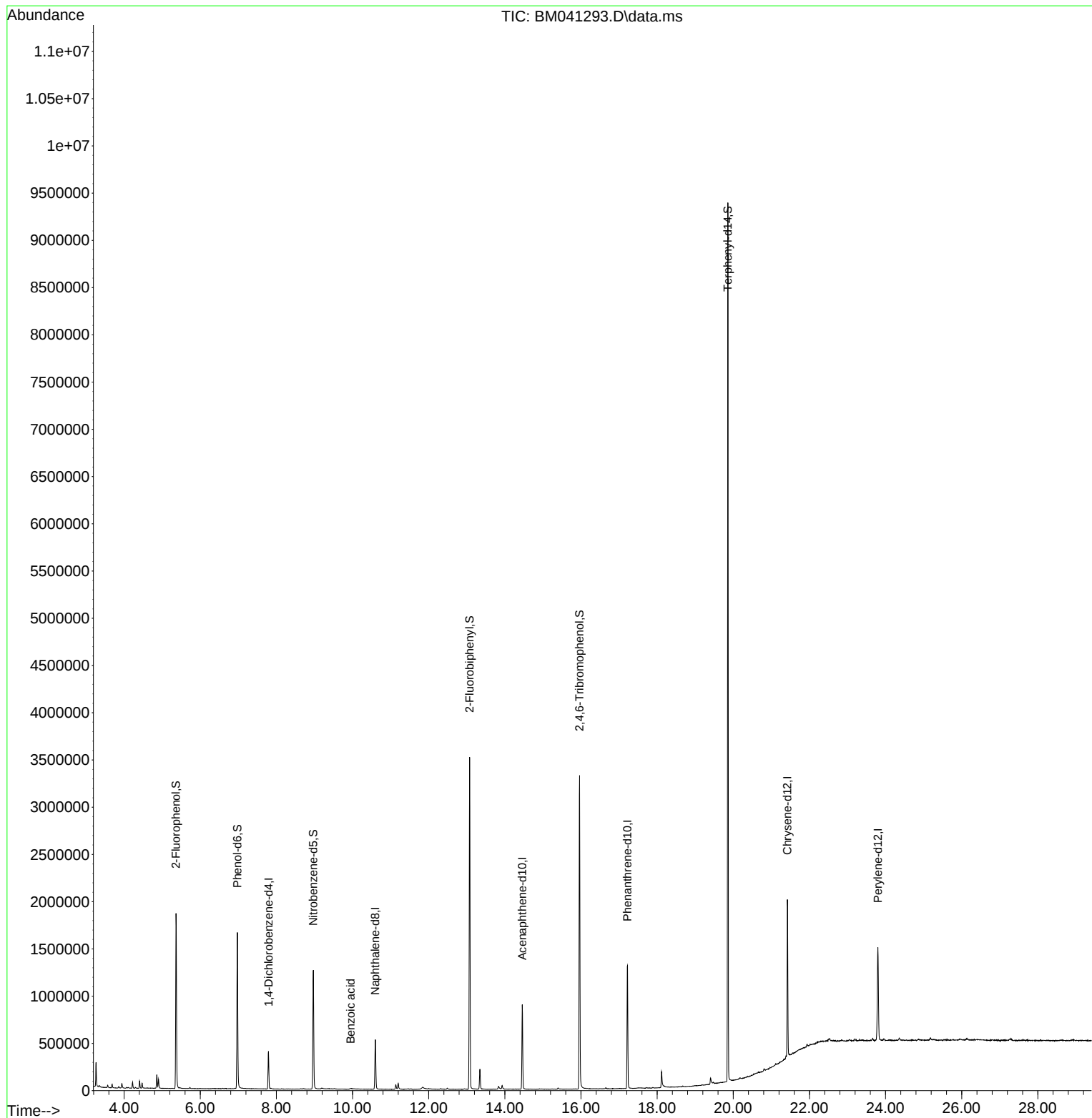
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041293.D
Acq On : 04 Aug 2023 14:18
Operator : MA/JU
Sample : 03887-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

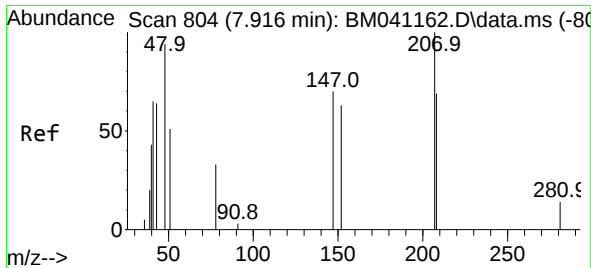
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP2

Quant Time: Aug 04 16:14:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

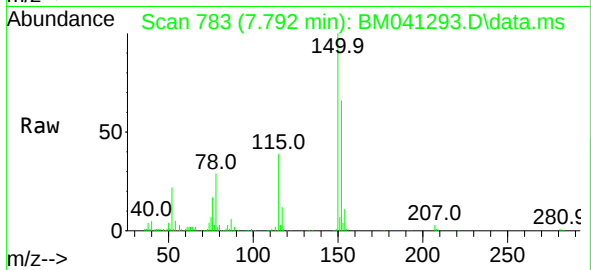
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

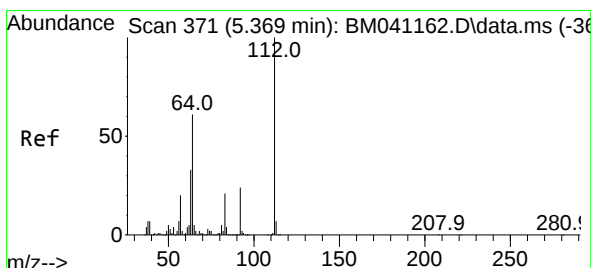
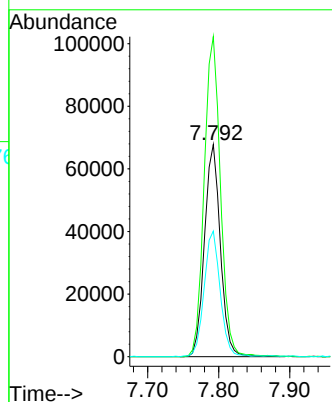
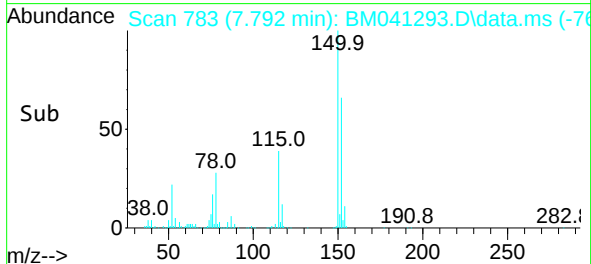
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP2



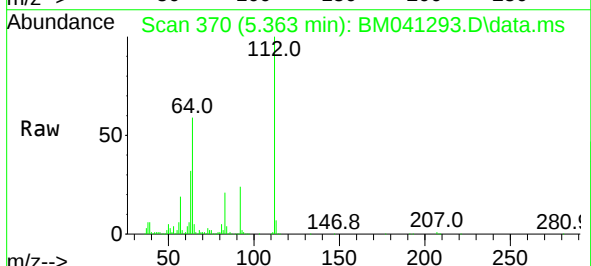
Tgt Ion:152 Resp: 105654
Ion Ratio Lower Upper
152 100
150 150.9 125.5 188.3
115 59.2 48.0 72.0

Manual Integrations
APPROVED

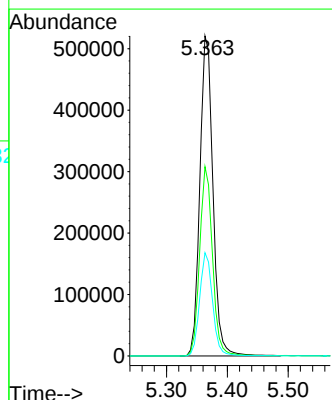
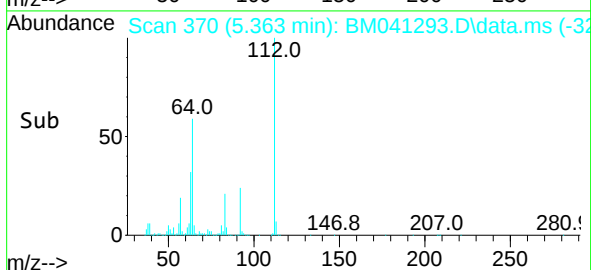
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

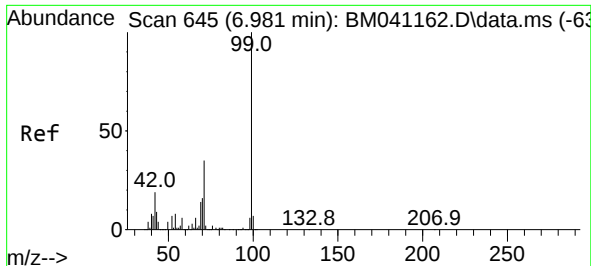


#5
2-Fluorophenol
Concen: 109.797 ng
RT: 5.363 min Scan# 370
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18



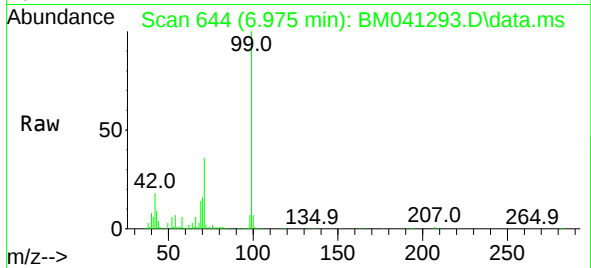
Tgt Ion:112 Resp: 776171
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 32.3 26.5 39.7





#7
Phenol-d6
Concen: 100.754 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

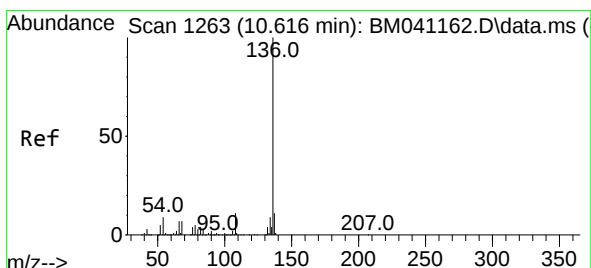
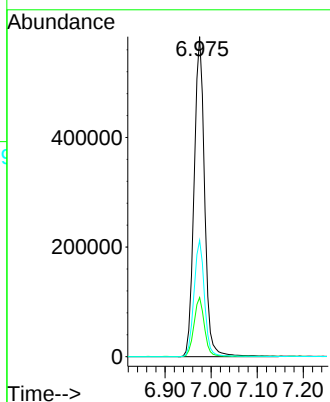
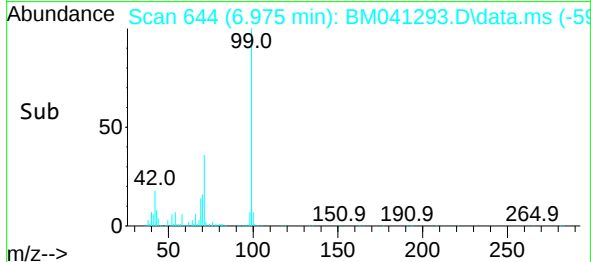
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP2



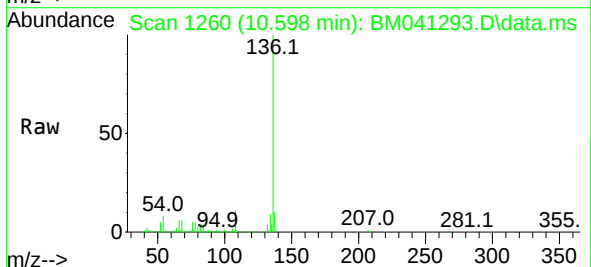
Tgt Ion: 99 Resp: 923230
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 36.3 28.2 42.4

Manual Integrations
APPROVED

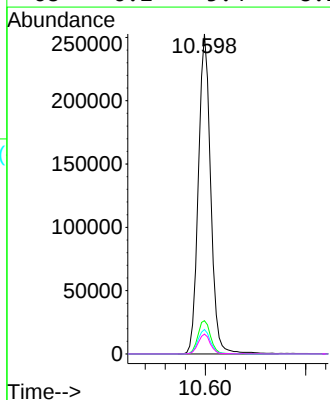
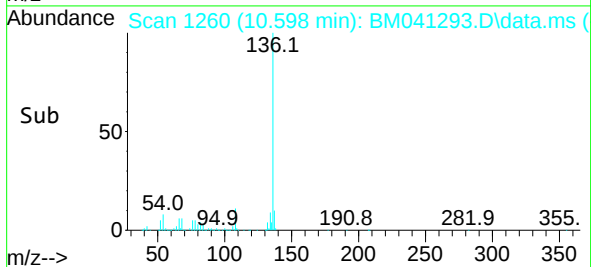
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

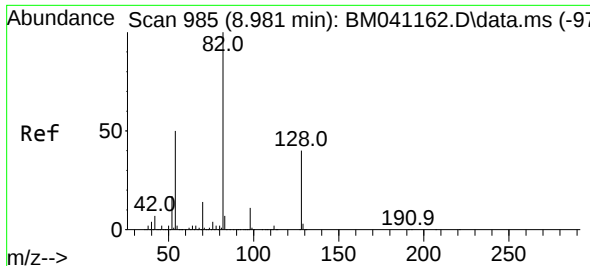


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18



Tgt Ion:136 Resp: 431171
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.6 6.9 10.3
68 6.2 5.4 8.2





#23
Nitrobenzene-d5
Concen: 78.978 ng
RT: 8.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

Instrument :

BNA_M

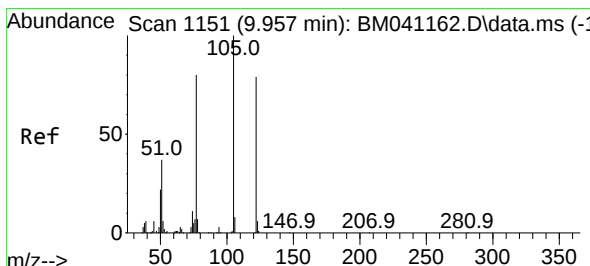
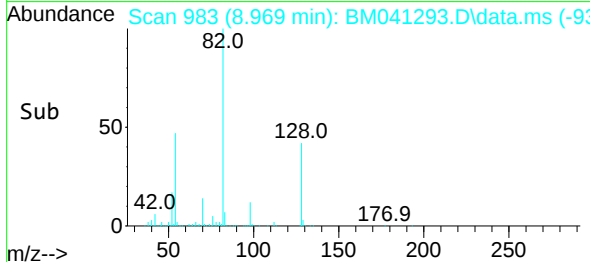
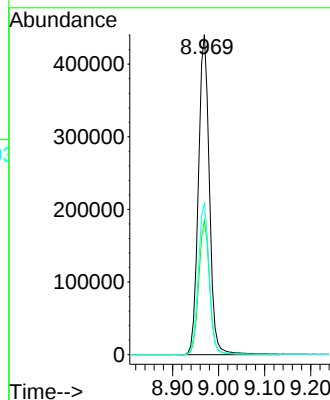
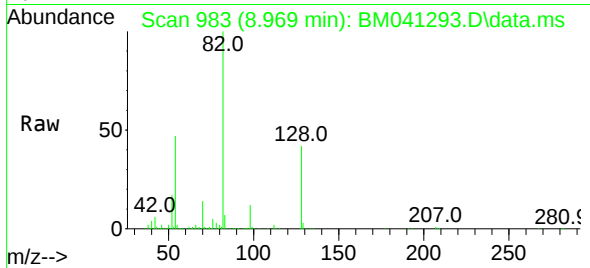
ClientSampleId :

MCLEAN-TP2

Tgt Ion: 82 Resp: 73225
Ion Ratio Lower Upper
82 100
128 42.0 31.8 47.6
54 47.2 40.1 60.1

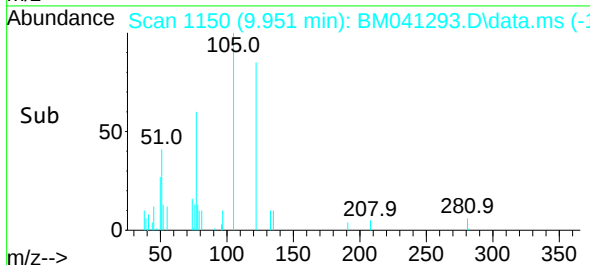
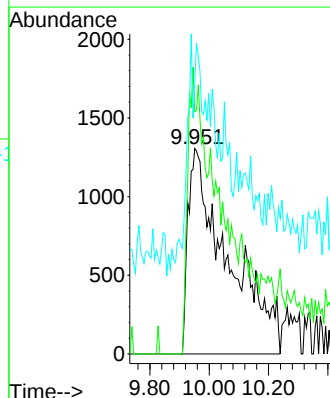
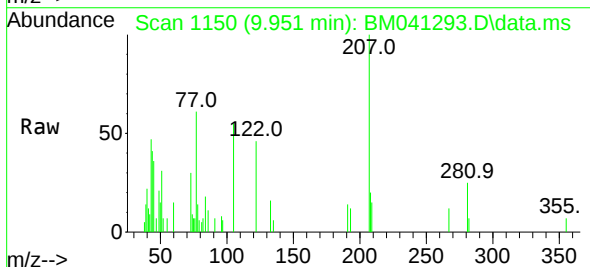
Manual Integrations
APPROVED

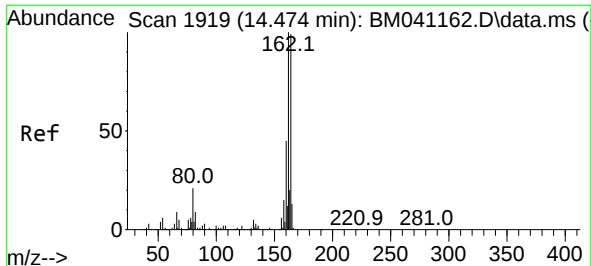
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#32
Benzoic acid
Concen: 9.268 ng m
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

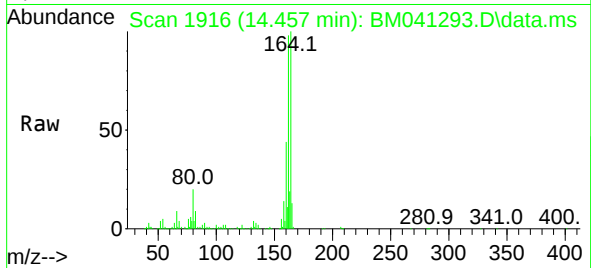
Tgt Ion:122 Resp: 12027
Ion Ratio Lower Upper
122 100
105 118.0 104.0 144.0
77 132.2 79.9 119.9#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

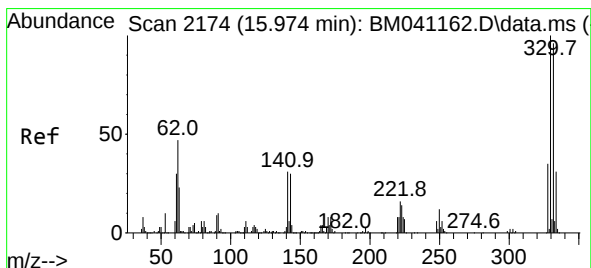
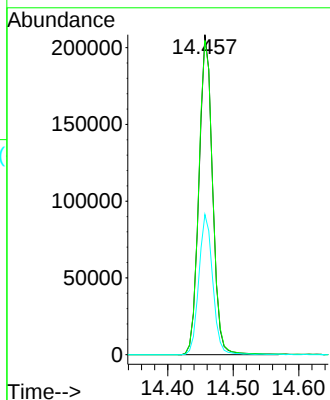
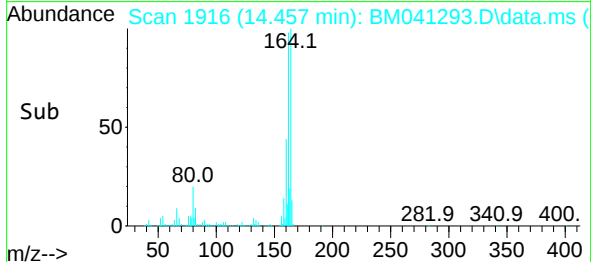
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP2



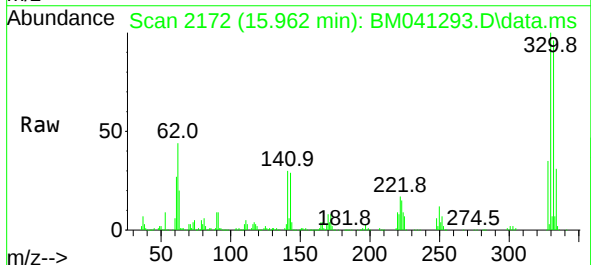
Tgt Ion:164 Resp: 30048
Ion Ratio Lower Upper
164 100
162 98.2 80.4 120.6
160 43.8 36.2 54.2

Manual Integrations
APPROVED

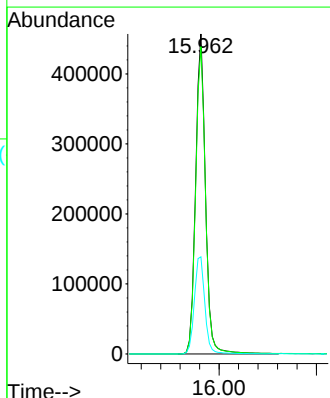
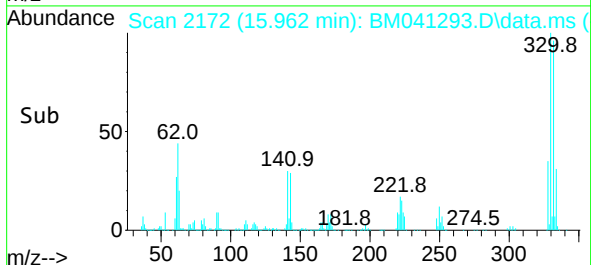
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

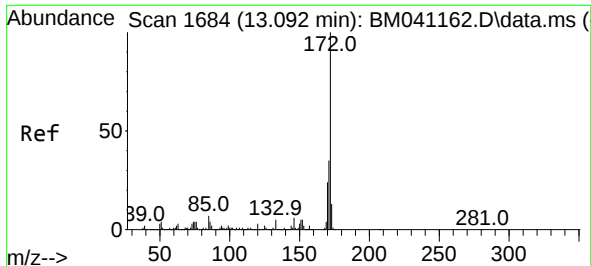


#42
2,4,6-Tribromophenol
Concen: 151.778 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18



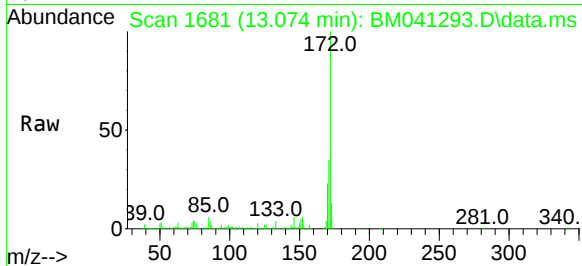
Tgt Ion:330 Resp: 645080
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 32.5 28.3 42.5





#45
2-Fluorobiphenyl
Concen: 73.498 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

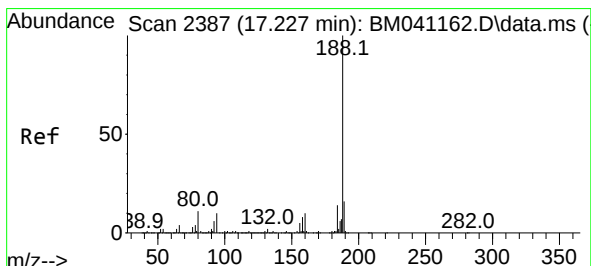
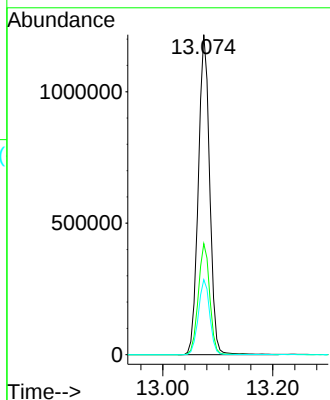
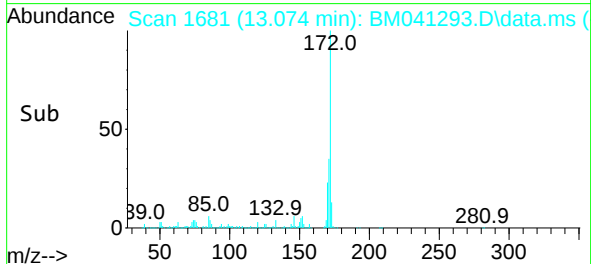
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP2



Tgt Ion:172 Resp: 174825
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3

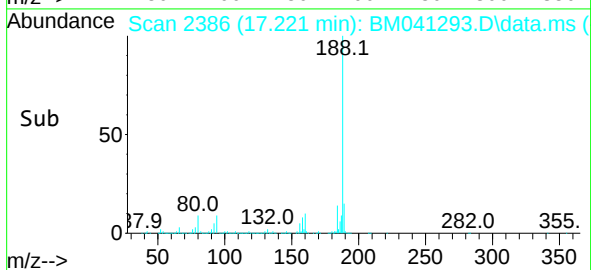
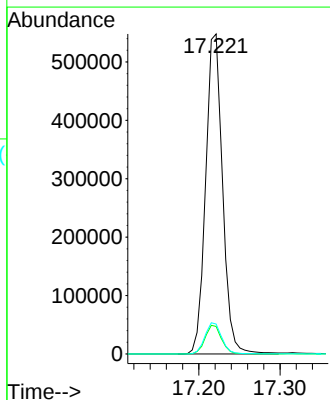
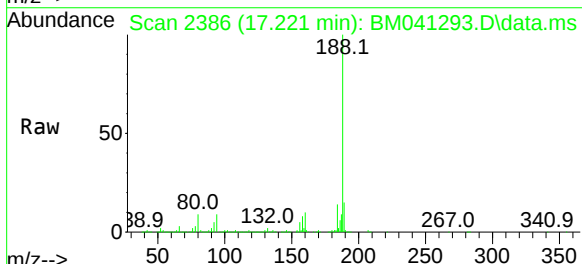
Manual Integrations
APPROVED

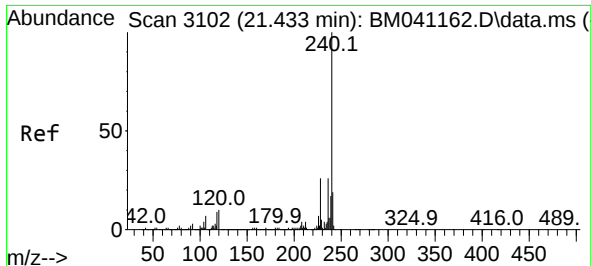
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

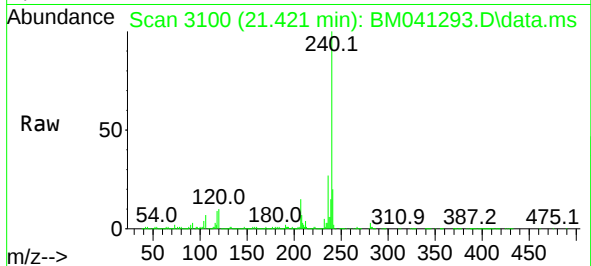
Tgt Ion:188 Resp: 790504
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.4 8.6 13.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18

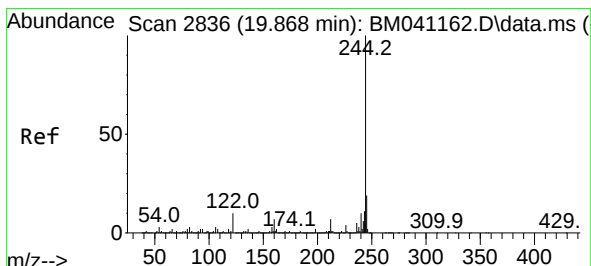
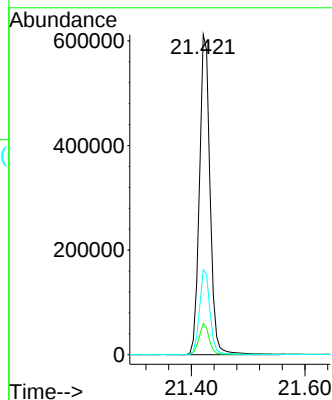
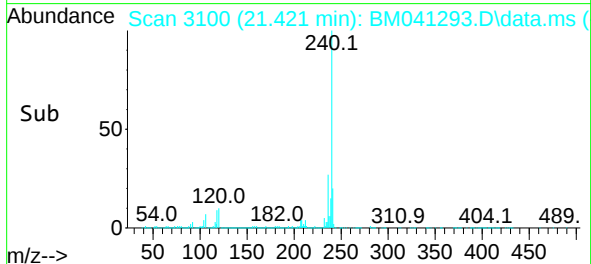
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP2



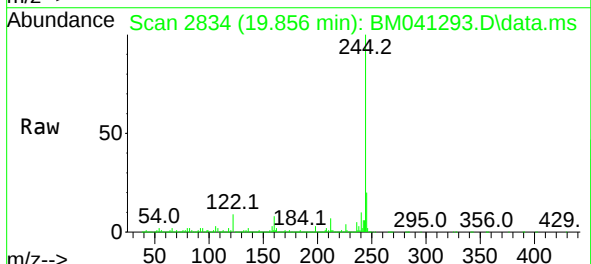
Tgt Ion:240 Resp: 797802
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 26.5 20.6 30.8

Manual Integrations
APPROVED

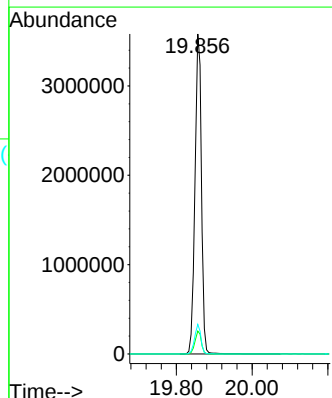
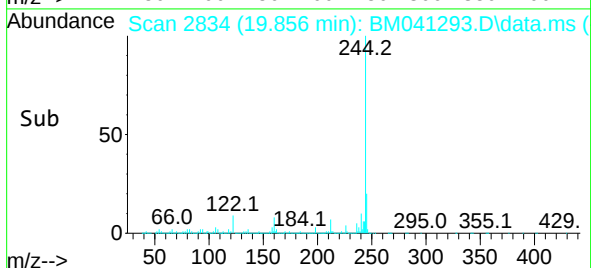
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

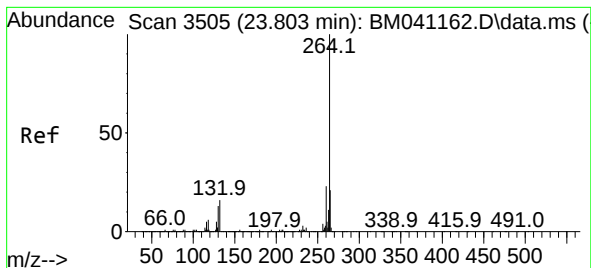


#79
Terphenyl-d14
Concen: 96.622 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041293.D
Acq: 04 Aug 2023 14:18



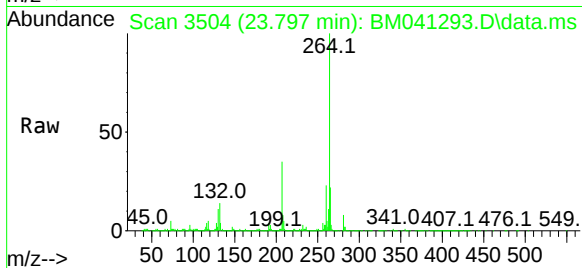
Tgt Ion:244 Resp: 4263442
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.3 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM041293.D
 Acq: 04 Aug 2023 14:18

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP2



Tgt Ion:264 Resp: 78104
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 22.1 17.4 26.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

