

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033529.D
 Acq On : 18 Dec 2021 21:15
 Operator : CG/JU
 Sample : M5039-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/20/2021
 Supervised By : mohammad ahmed 12/23/2021

Quant Time: Dec 20 07:09:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	43509	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	203967	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	159552	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	351756	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	329413	20.000	ng	-0.01
86) Perylene-d12	23.912	264	284226	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	24334	9.651	ng	0.00
7) Phenol-d6	7.101	99	21508	6.356	ng	-0.01
23) Nitrobenzene-d5	9.101	82	58804	12.379	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	36817	20.513	ng	-0.01
45) 2-Fluorobiphenyl	13.195	172	143898	12.476	ng	-0.02
79) Terphenyl-d14	19.942	244	171683	8.205	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.789	128	574813	52.023	ng	99
37) 2-Methylnaphthalene	12.401	142	117872	15.422	ng	94
38) 1-Methylnaphthalene	12.619	142	77981m	10.229	ng	

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

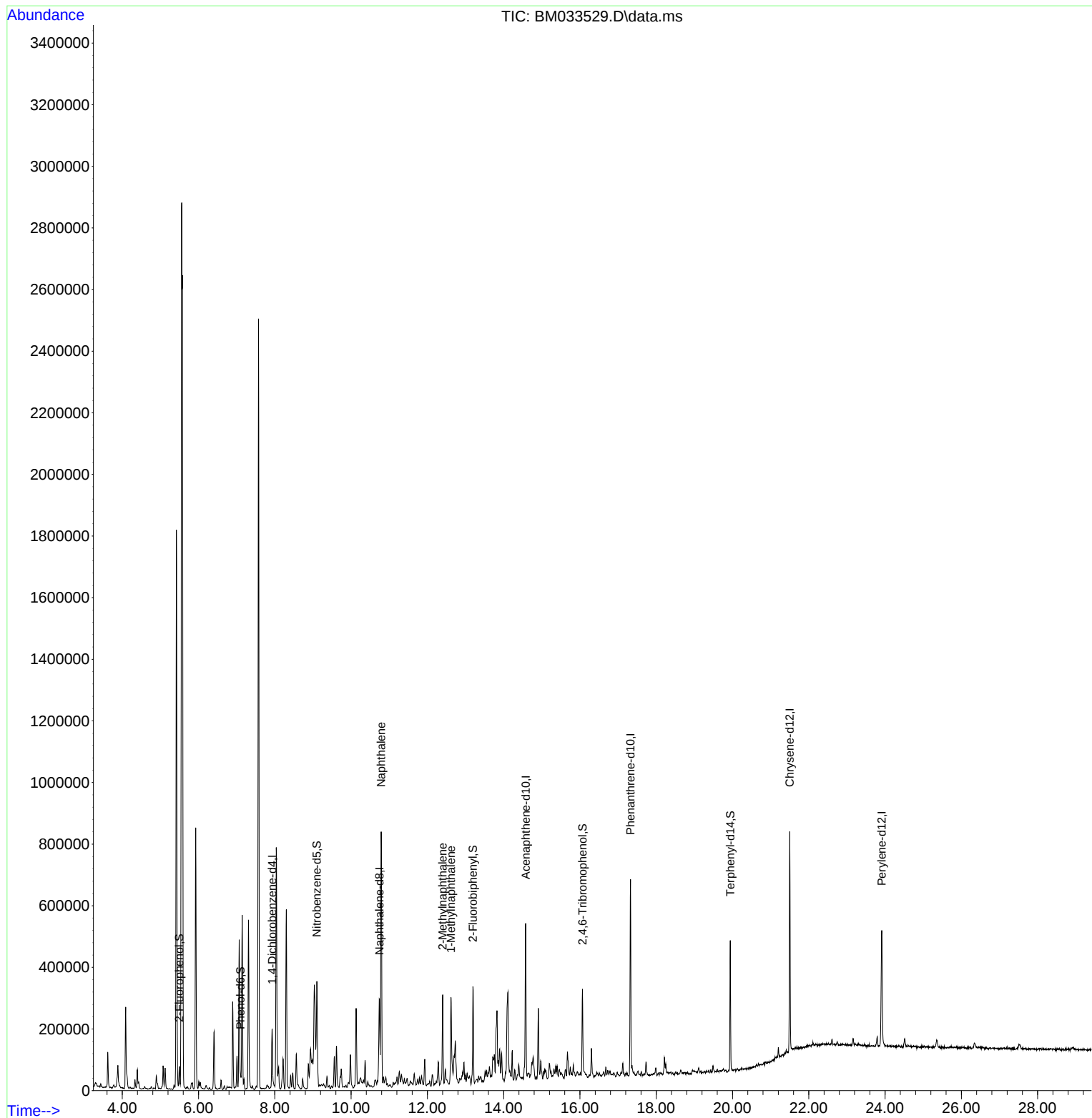
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033529.D
Acq On : 18 Dec 2021 21:15
Operator : CG/JU
Sample : M5039-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

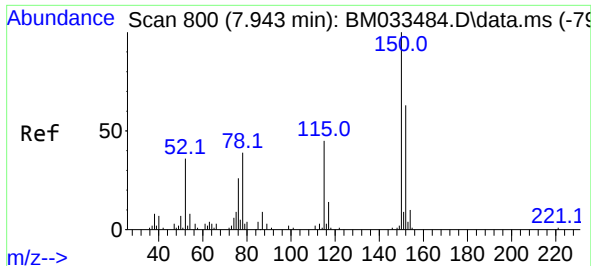
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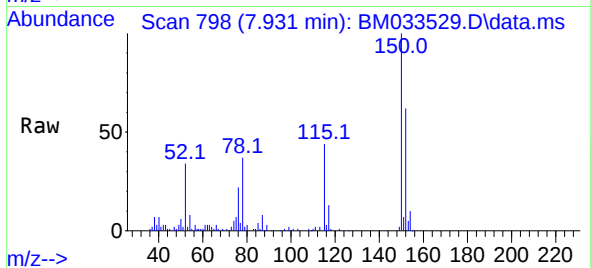
Quant Time: Dec 20 07:09:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 798
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

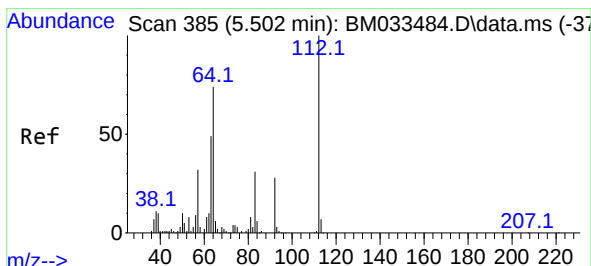
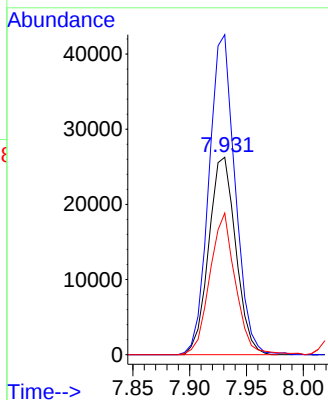
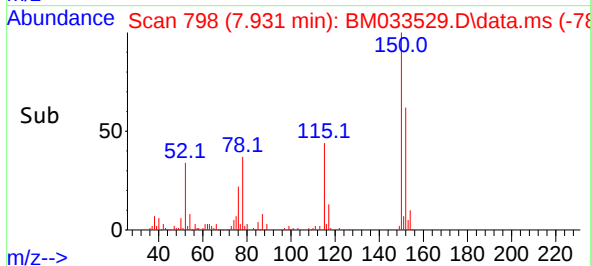
Instrument :
BNA_M
ClientSampleId :
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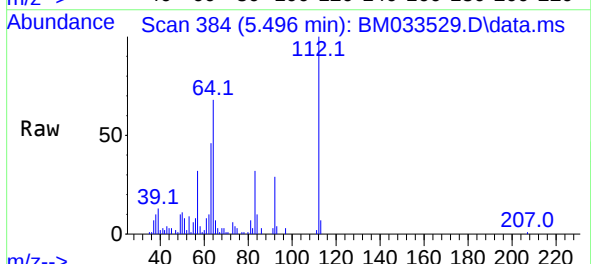
Tgt Ion:152 Resp: 43509
Ion Ratio Lower Upper
152 100
150 162.1 128.9 193.3
115 71.7 53.0 79.6

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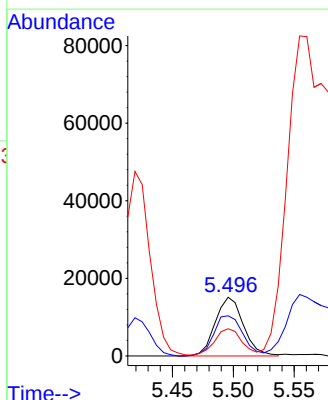
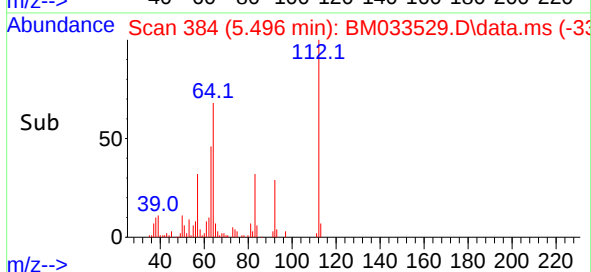
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

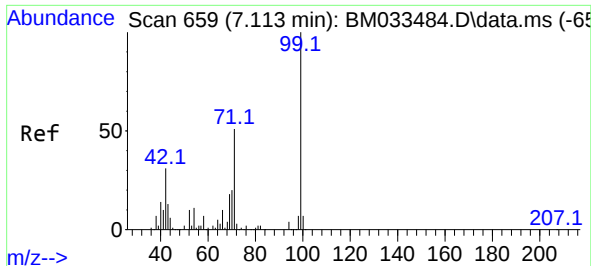


#5
2-Fluorophenol
Concen: 9.651 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15



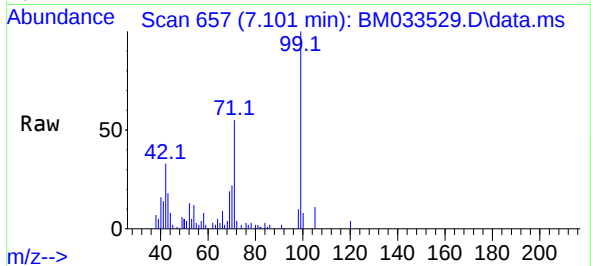
Tgt Ion:112 Resp: 24334
Ion Ratio Lower Upper
112 100
64 68.5 55.5 83.3
63 46.5 31.3 46.9





#7
Phenol-d6
Concen: 6.356 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

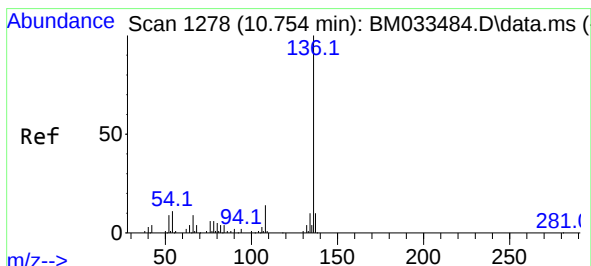
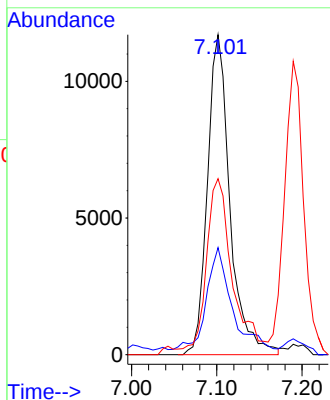
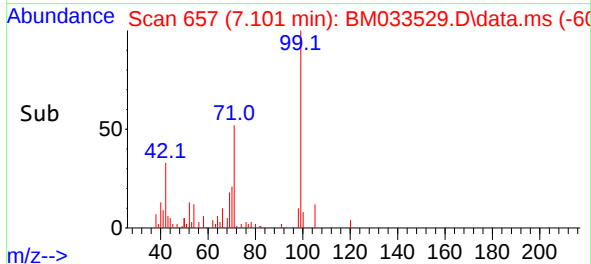
Instrument :
BNA_M
ClientSampleId :
MW-14DL



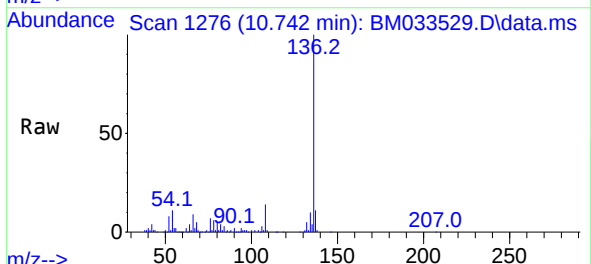
Tgt Ion: 99 Resp: 21508
Ion Ratio Lower Upper
99 100
42 33.5 20.3 30.5
71 55.0 34.5 51.7

Manual Integrations
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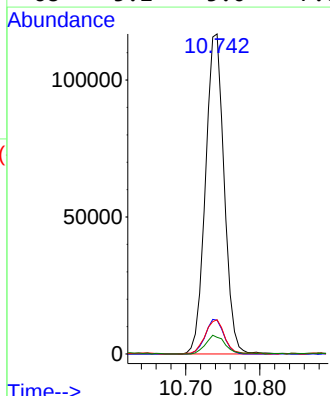
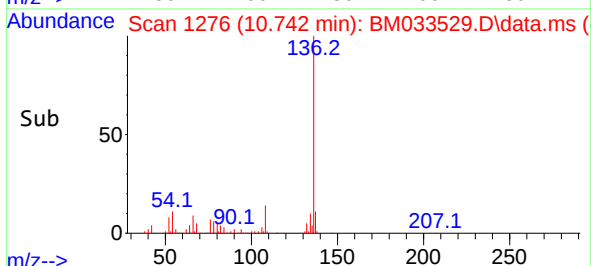
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

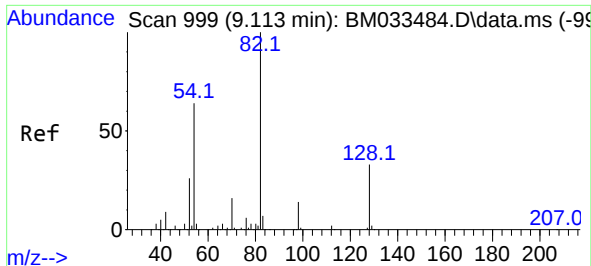


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15



Tgt Ion:136 Resp: 203967
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.7 8.3 12.5
68 5.2 5.0 7.6





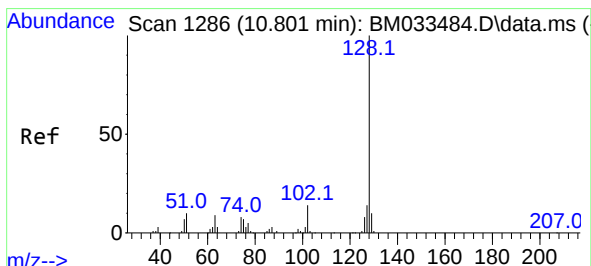
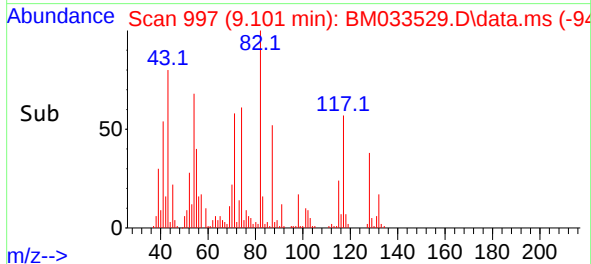
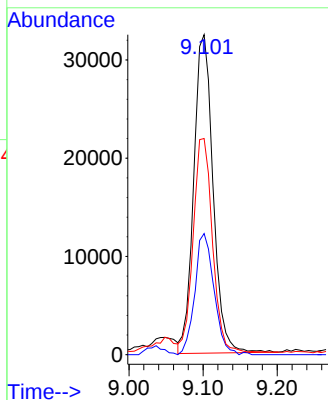
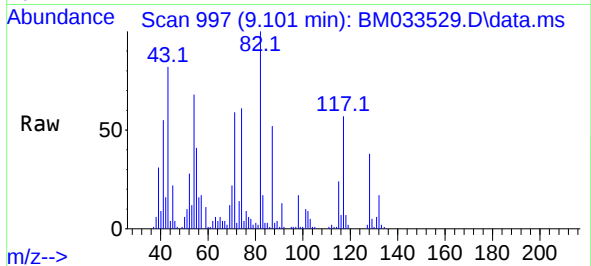
#23
Nitrobenzene-d5
Concen: 12.379 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

Instrument :
BNA_M
ClientSampleId :
MW-14DL

Tgt Ion: 82 Resp: 58804
Ion Ratio Lower Upper
82 100
128 37.9 28.1 42.1
54 67.6 46.1 69.1

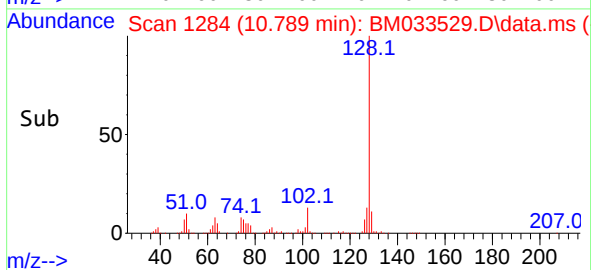
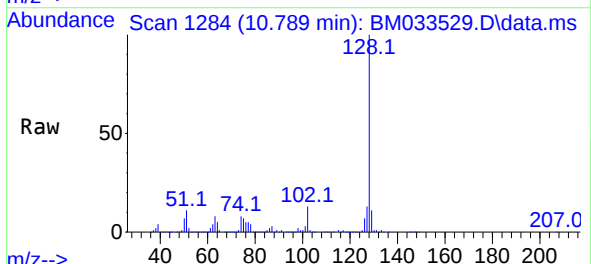
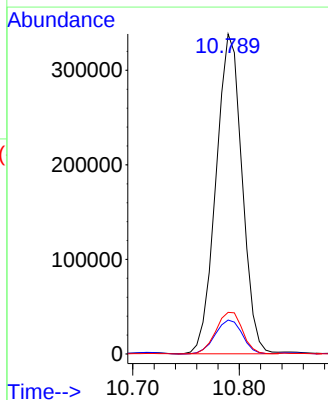
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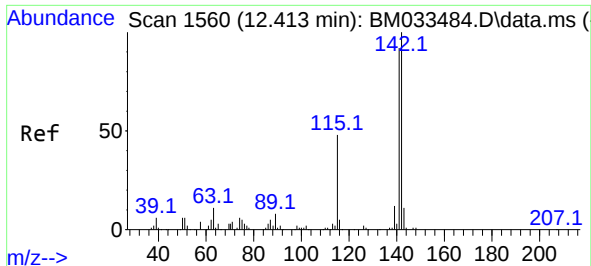
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#31
Naphthalene
Concen: 52.023 ng
RT: 10.789 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

Tgt Ion:128 Resp: 574813
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.0 10.8 16.2





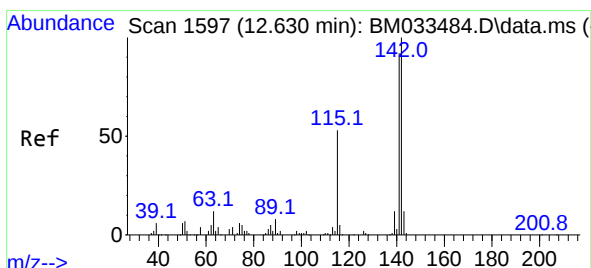
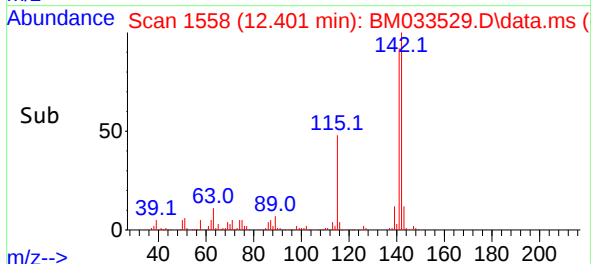
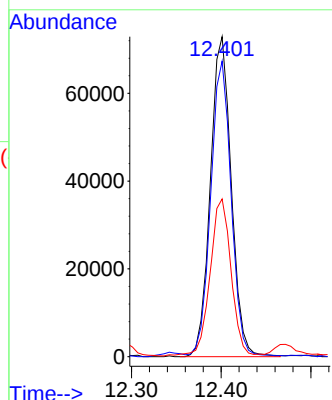
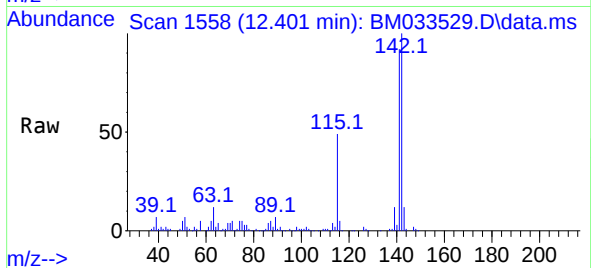
#37
2-Methylnaphthalene
Concen: 15.422 ng
RT: 12.401 min Scan# 11787
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

Instrument :
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ClientSampleId :
MW-14DL

Tgt Ion:142 Resp: 11787
Ion Ratio Lower Upper
142 100
141 92.4 72.2 108.2
115 49.3 33.0 49.6

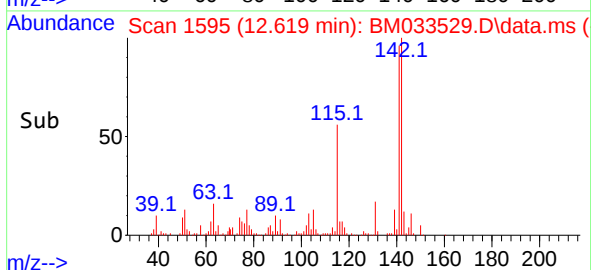
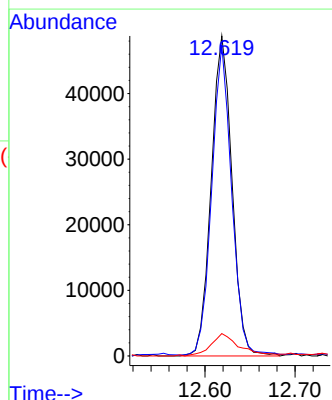
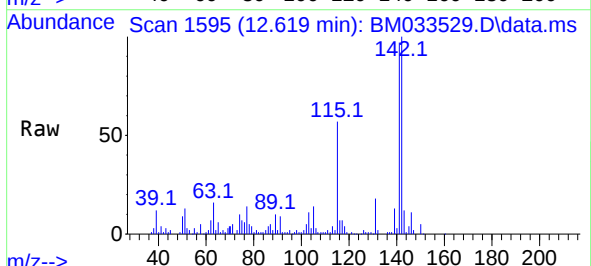
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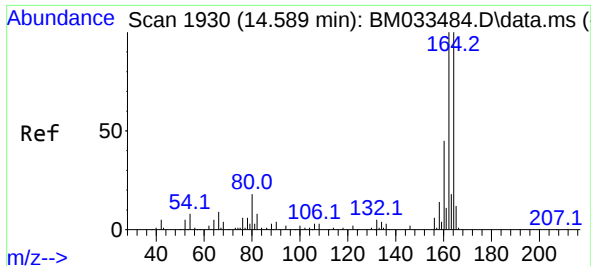
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#38
1-Methylnaphthalene
Concen: 10.229 ng m
RT: 12.619 min Scan# 1595
Delta R.T. -0.011 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

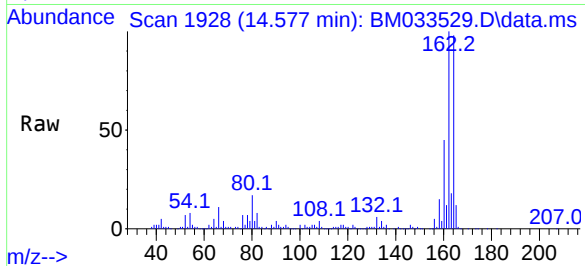
Tgt Ion:142 Resp: 77981
Ion Ratio Lower Upper
142 100
141 97.2 75.0 112.4
116 7.0 3.5 5.3#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

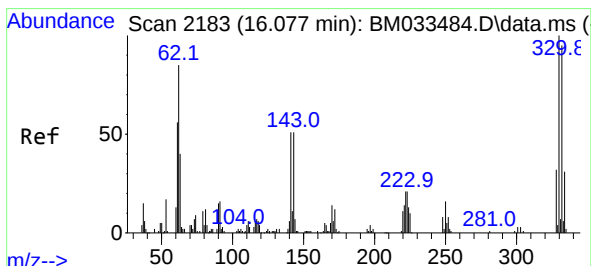
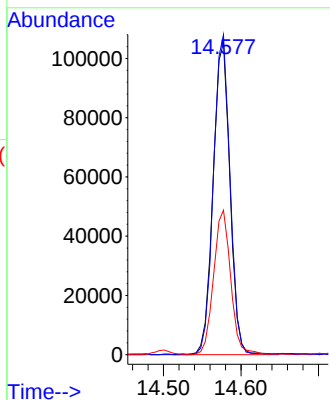
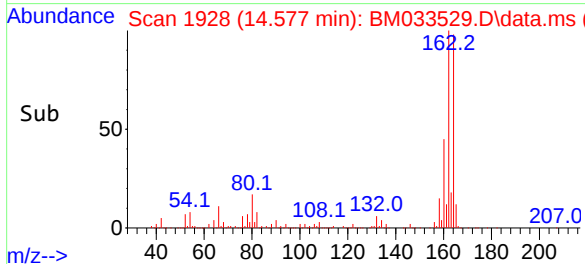
Instrument :
BNA_M
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MW-14DL



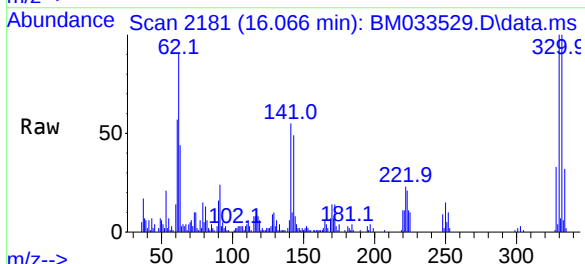
Tgt Ion:164 Resp: 15955
Ion Ratio Lower Upper
164 100
162 102.5 79.7 119.5
160 46.3 34.2 51.4

Manual Integrations
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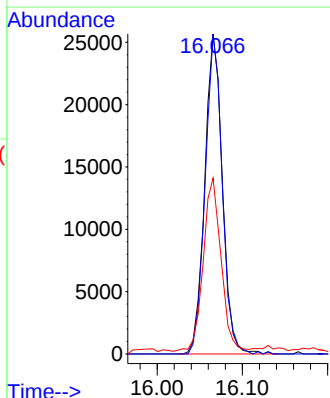
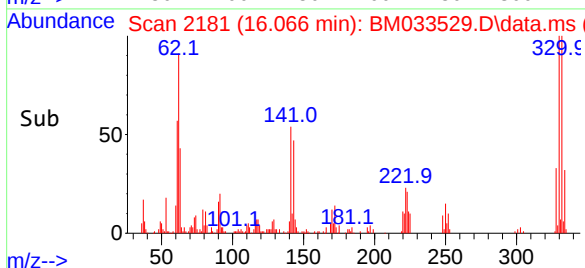
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Supervised By :mohammad ahmed 12/23/2021

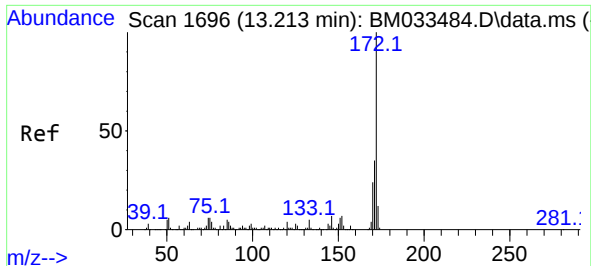


#42
2,4,6-Tribromophenol
Concen: 20.513 ng
RT: 16.066 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15



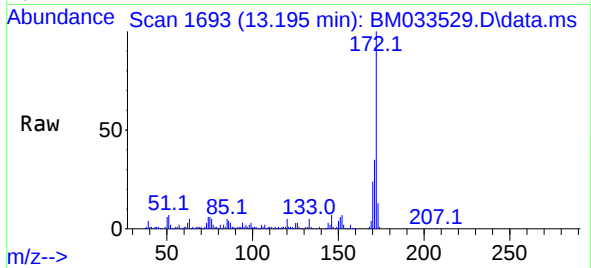
Tgt Ion:330 Resp: 36817
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 54.4 35.9 53.9#





#45
2-Fluorobiphenyl
Concen: 12.476 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

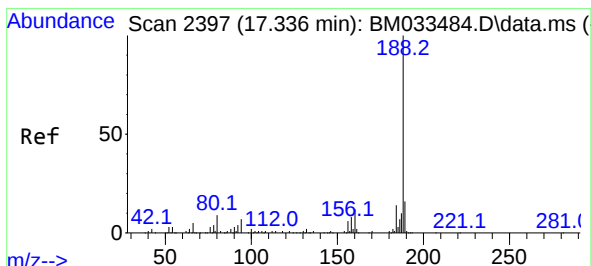
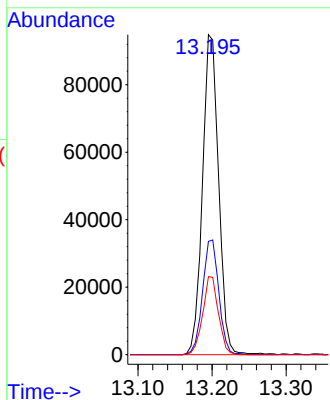
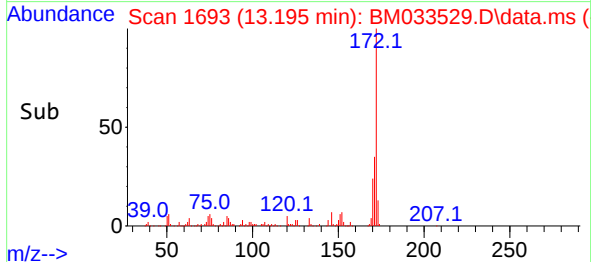
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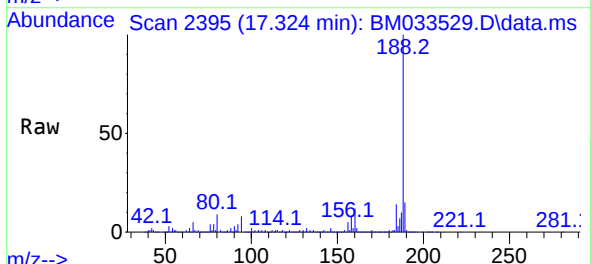
Tgt Ion:172 Resp: 143898
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 24.4 18.7 28.1

Manual Integrations
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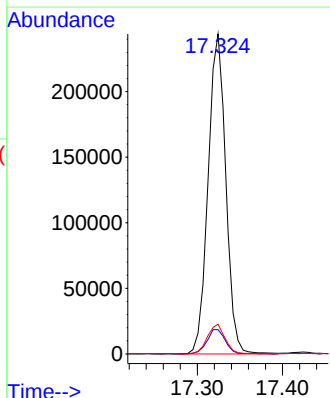
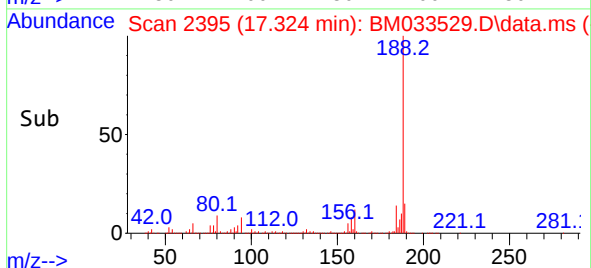
Reviewed By :Christian Giraldo 12/20/2021
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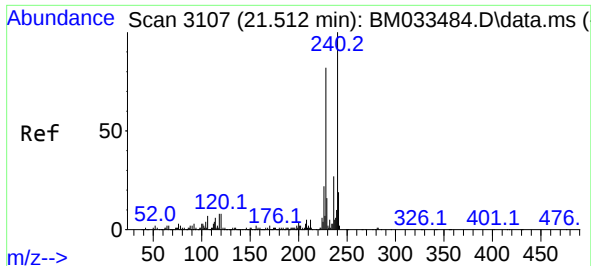


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15



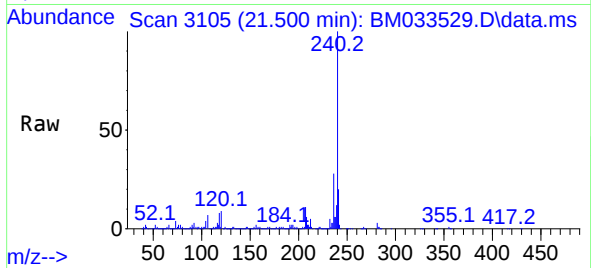
Tgt Ion:188 Resp: 351756
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 9.3 8.9 13.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

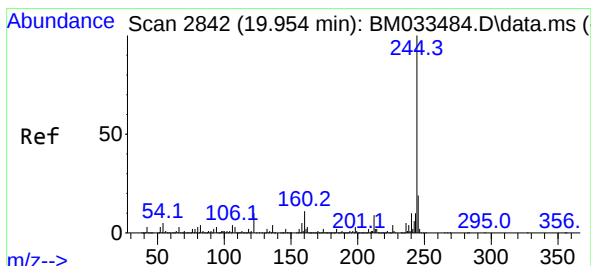
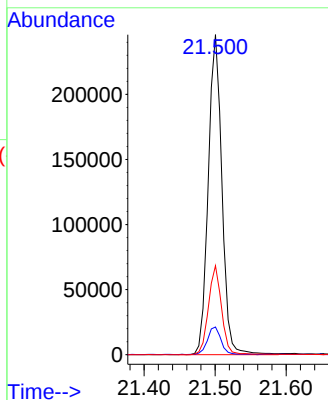
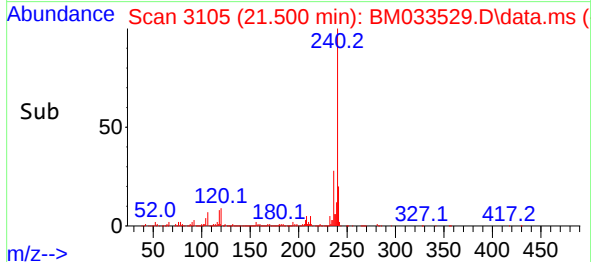
Instrument :
BNA_M
ClientSampleId :
MW-14DL



Tgt Ion:240 Resp: 32941
Ion Ratio Lower Upper
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120 8.6 7.8 11.6
236 27.8 20.3 30.5

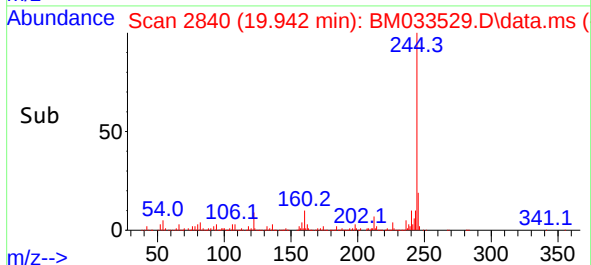
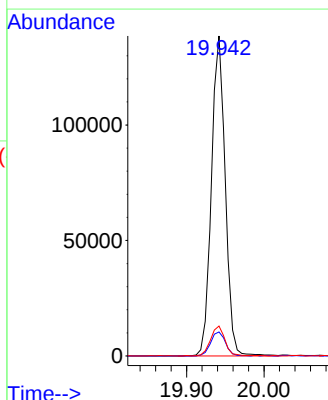
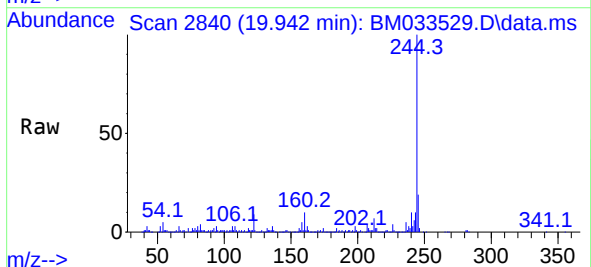
Manual Integrations
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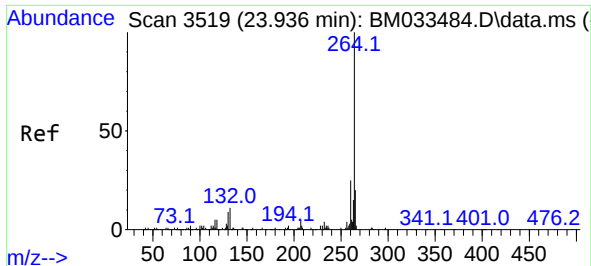
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#79
Terphenyl-d14
Concen: 8.205 ng
RT: 19.942 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BM033529.D
Acq: 18 Dec 2021 21:15

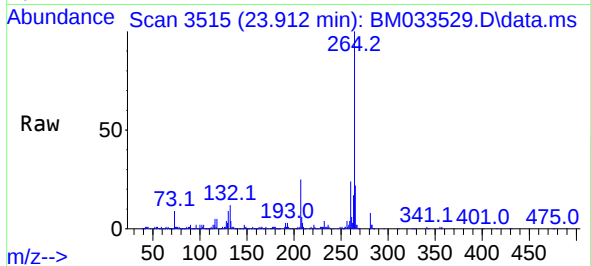
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Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 9.4 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 30
 Delta R.T. -0.024 min
 Lab File: BM033529.D
 Acq: 18 Dec 2021 21:15

Instrument :
 BNA_M
 ClientSampleId :
 MW-14DL



Tgt Ion:264 Resp: 284220
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.7 26.5
 265 21.5 17.7 26.5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/23/2021

