

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009190.D
 Acq On : 16 Feb 2022 21:38
 Operator : CG/JU
 Sample : N1532-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-209

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/17/2022
 Supervised By :Jagrut Upadhyay 02/17/2022

Quant Time: Feb 17 02:07:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	230365	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	878915	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	566333	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	1153098	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1159416	20.000	ng	0.00
86) Perylene-d12	23.669	264	1235553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1420921	110.027	ng	0.00
7) Phenol-d6	6.975	99	1767954	103.895	ng	0.00
23) Nitrobenzene-d5	8.946	82	1102373	70.731	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	869446	114.982	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	2955676	73.060	ng	0.00
79) Terphenyl-d14	19.745	244	4361558	67.651	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.204	202	188473	2.693	ng	97
78) Pyrene	19.551	202	206003	2.498	ng	97
88) Benzo(b)fluoranthene	22.945	252	203719m	2.678	ng	
90) Benzo(a)pyrene	23.563	252	156001	2.460	ng	# 91

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

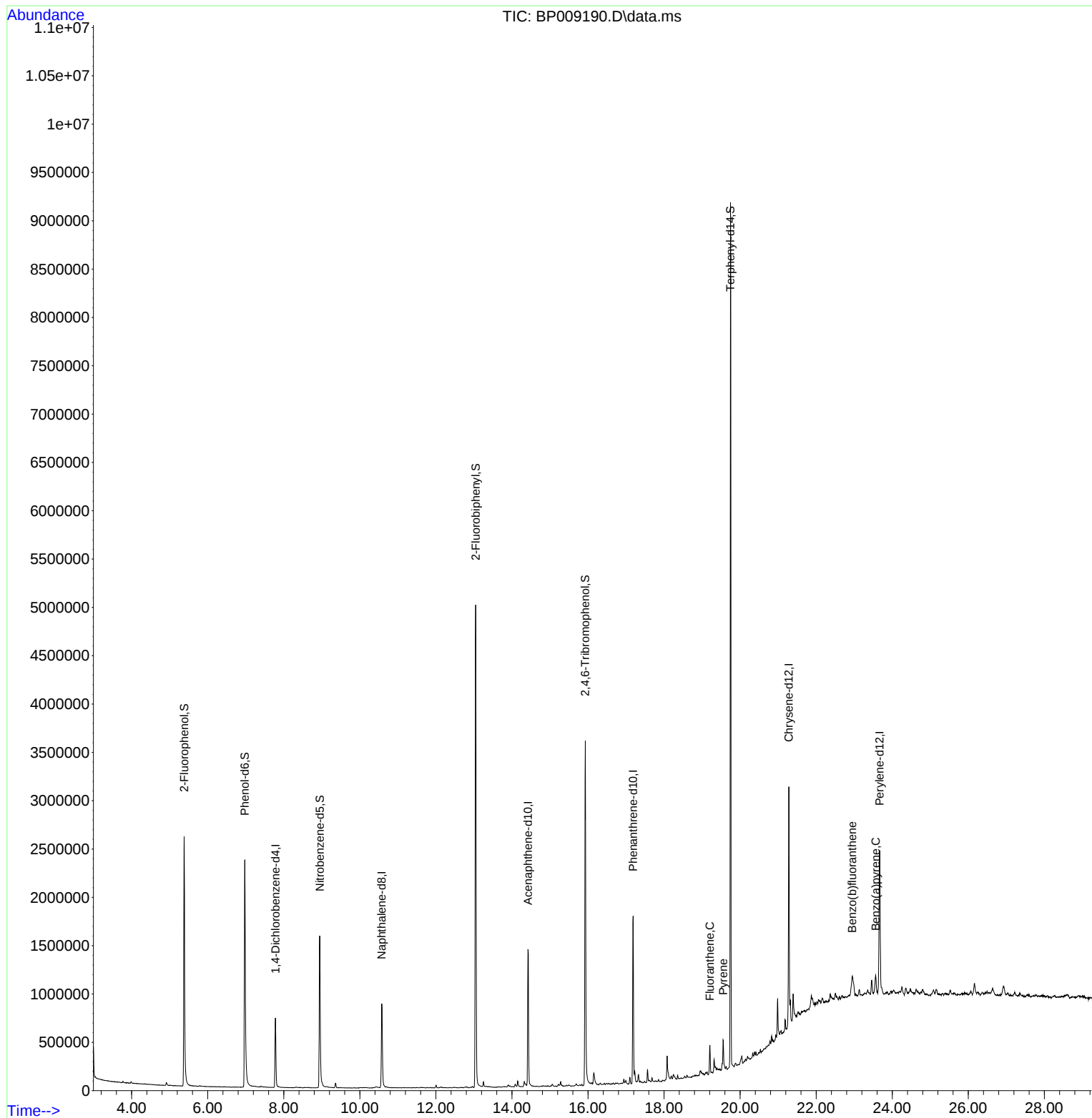
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009190.D
Acq On : 16 Feb 2022 21:38
Operator : CG/JU
Sample : N1532-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

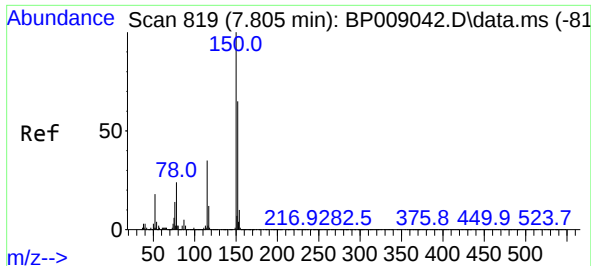
Instrument :
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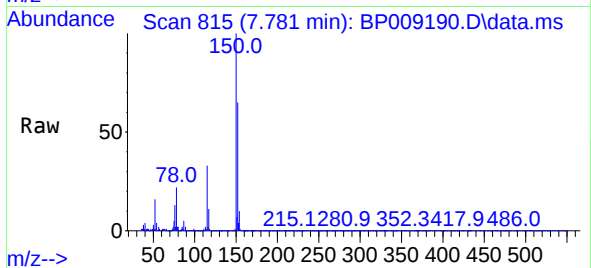
Quant Time: Feb 17 02:07:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

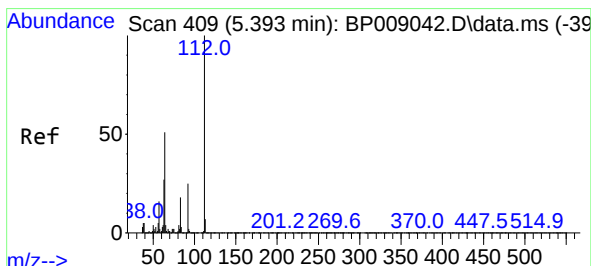
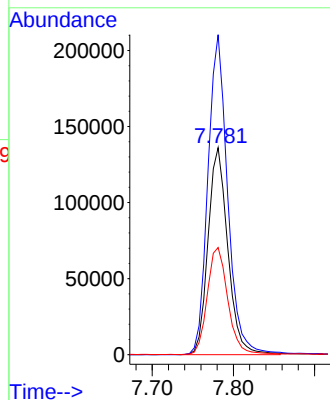
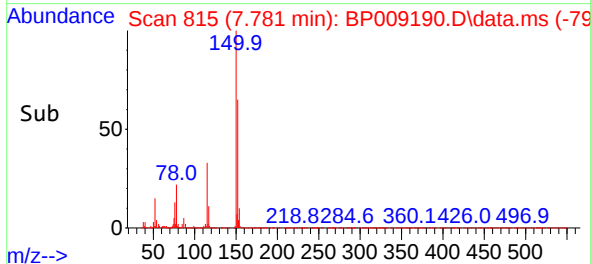
Instrument :
BNA_P
ClientSampleId :
VNJ-209



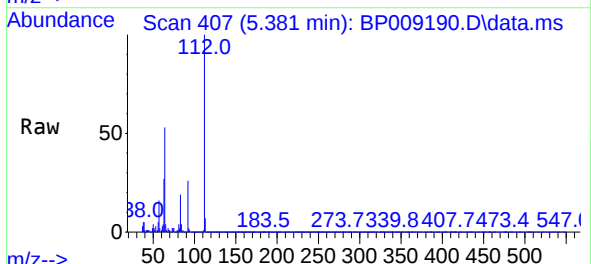
Tgt Ion:152 Resp: 23036
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 51.8 43.7 65.5

Manual Integrations
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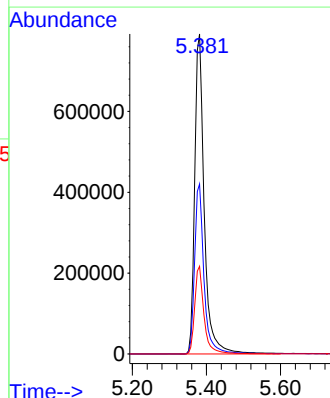
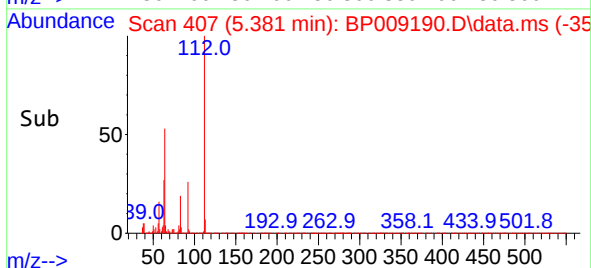
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

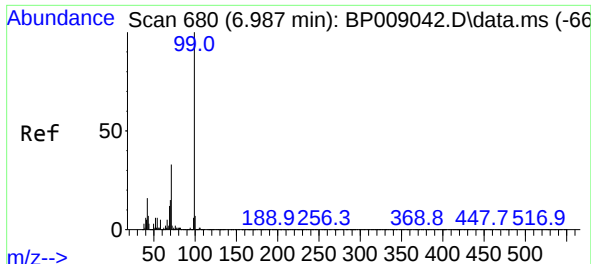


#5
2-Fluorophenol
Concen: 110.027 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38



Tgt Ion:112 Resp: 1420921
Ion Ratio Lower Upper
112 100
64 53.1 39.7 59.5
63 27.4 20.0 30.0





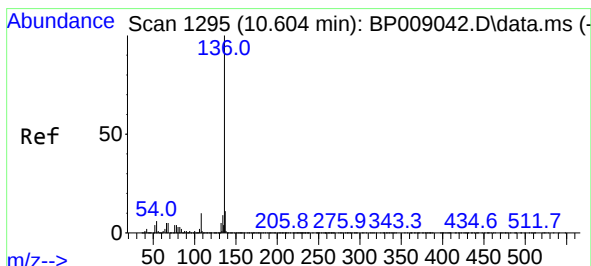
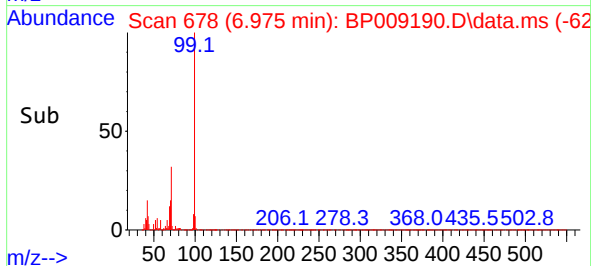
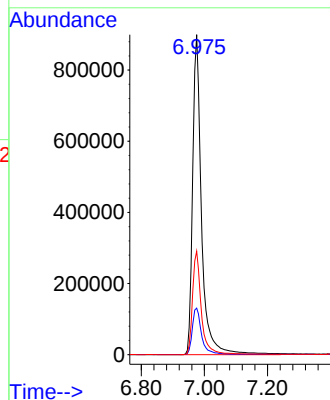
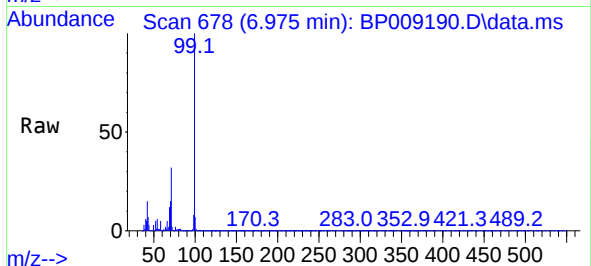
#7
Phenol-d6
Concen: 103.895 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Instrument :
BNA_P
ClientSampleId :
VNJ-209

Tgt Ion: 99 Resp: 1767954
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 32.4 23.8 35.6

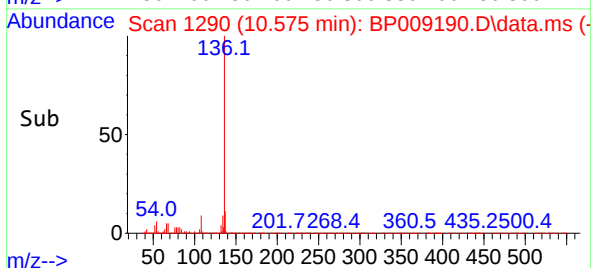
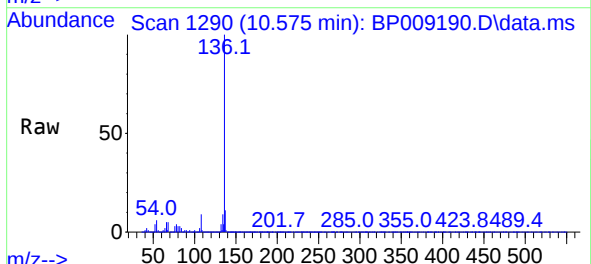
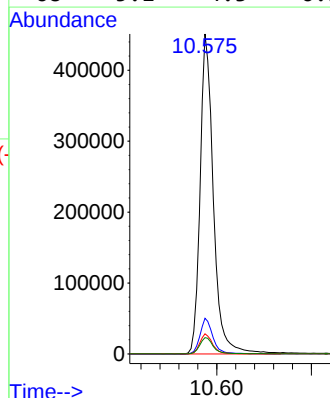
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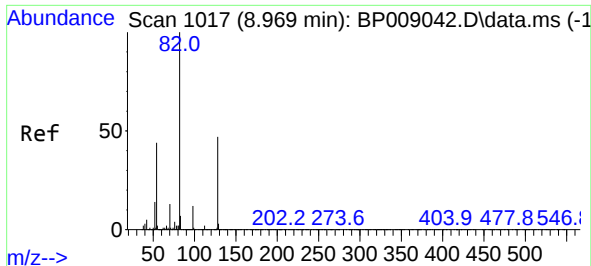
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Tgt Ion:136 Resp: 878915
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.3 4.9 7.3
68 5.1 4.3 6.5





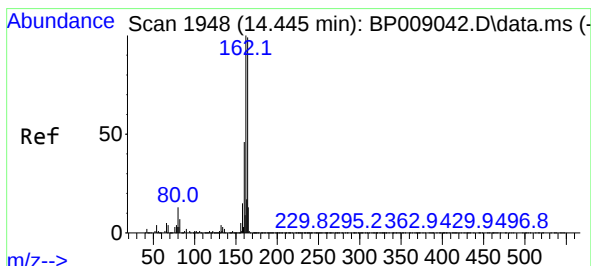
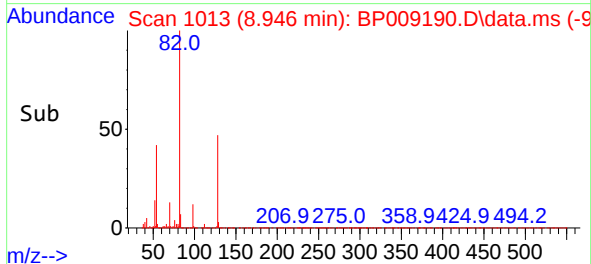
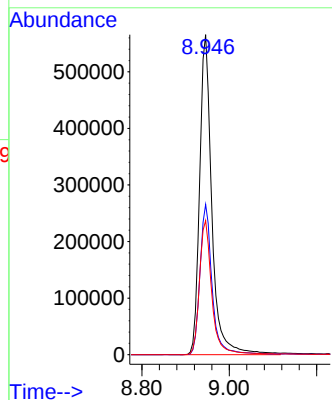
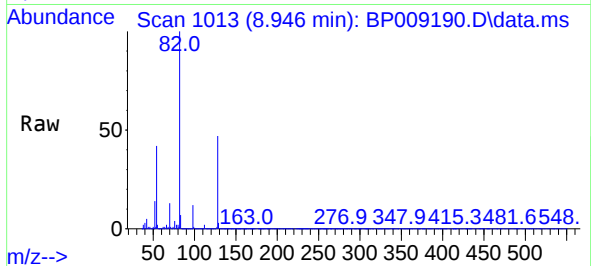
#23
Nitrobenzene-d5
Concen: 70.731 ng
RT: 8.946 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Instrument :
BNA_P
ClientSampleId :
VNJ-209

Tgt Ion: 82 Resp: 110237
Ion Ratio Lower Upper
82 100
128 47.0 39.4 59.2
54 41.9 32.6 48.8

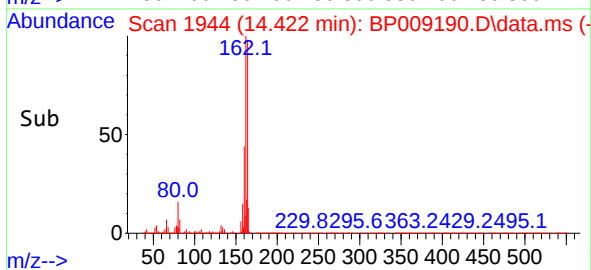
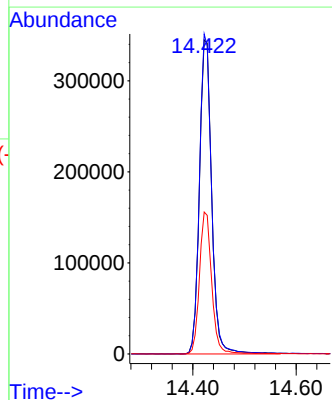
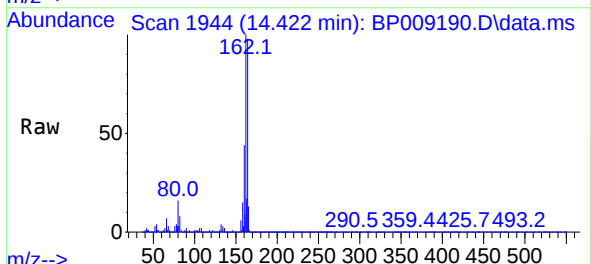
Manual Integrations
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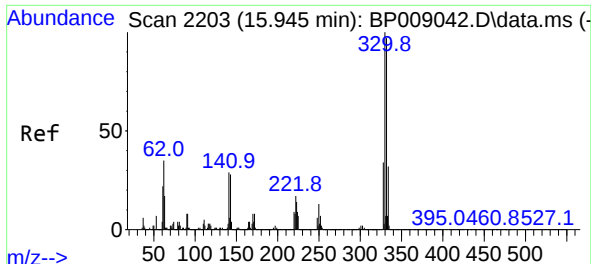
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

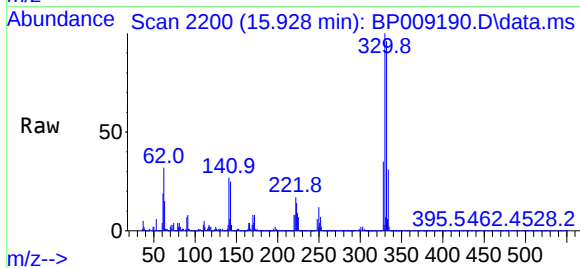
Tgt Ion:164 Resp: 566333
Ion Ratio Lower Upper
164 100
162 101.9 79.9 119.9
160 45.2 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 114.982 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

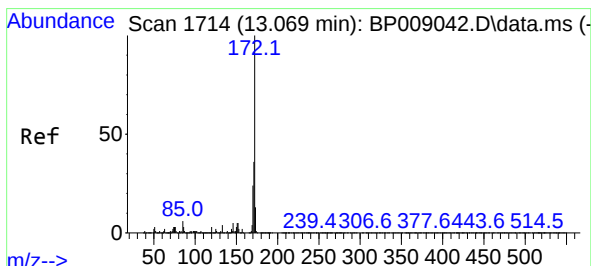
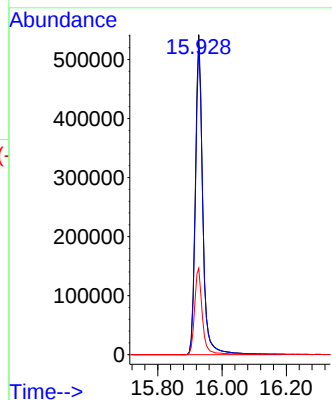
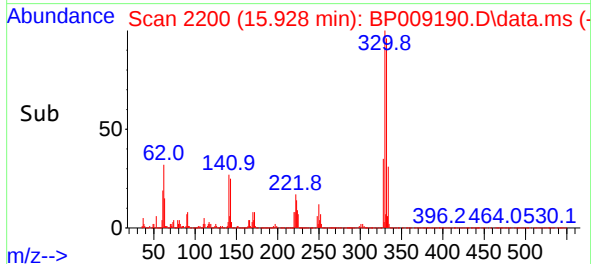
Instrument :
BNA_P
ClientSampleId :
VNJ-209



Tgt Ion:330 Resp: 869440
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 28.1 21.3 31.9

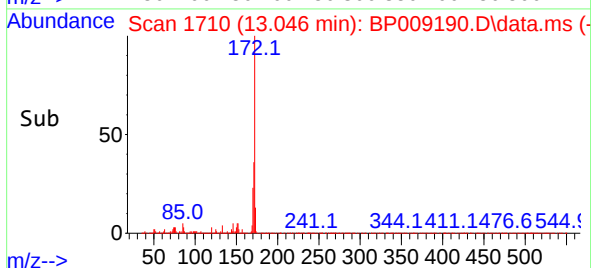
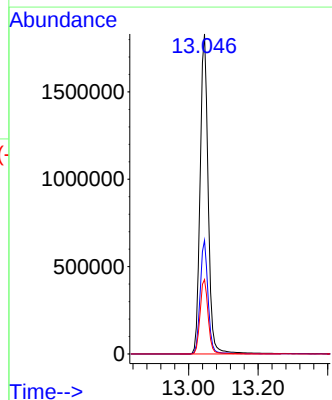
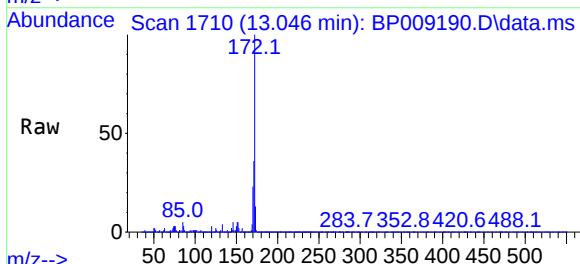
Manual Integrations
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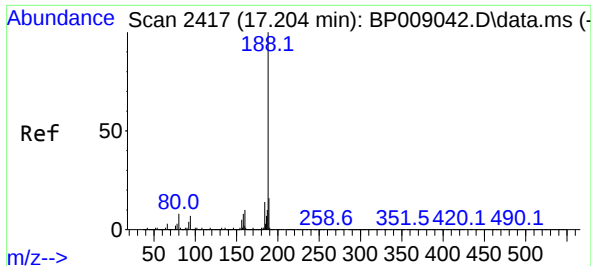
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#45
2-Fluorobiphenyl
Concen: 73.060 ng
RT: 13.046 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Tgt Ion:172 Resp: 2955676
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.3 19.5 29.3





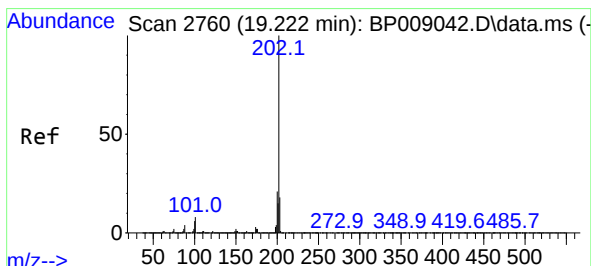
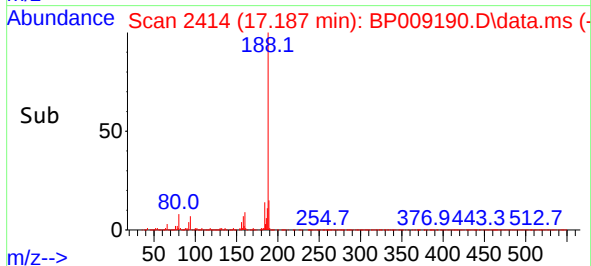
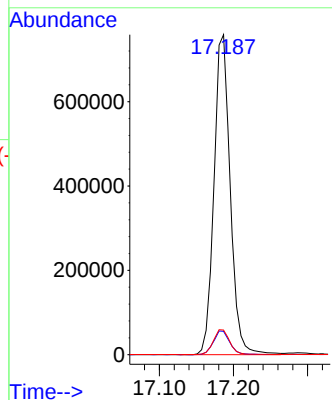
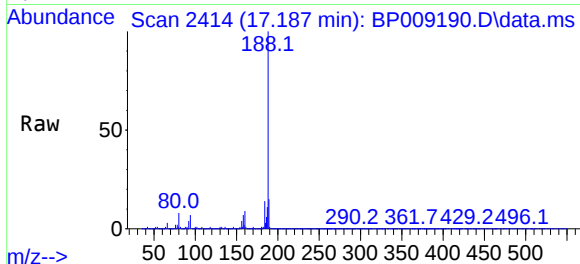
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Instrument :
BNA_P
ClientSampleId :
VNJ-209

Tgt Ion:188 Resp: 1153098
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.7 7.2 10.8

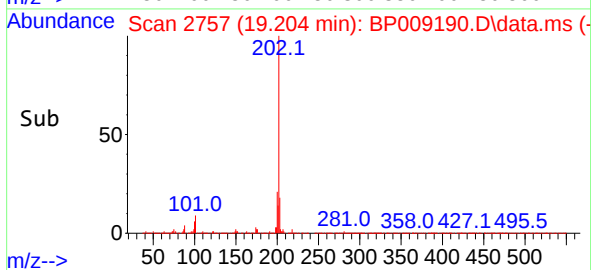
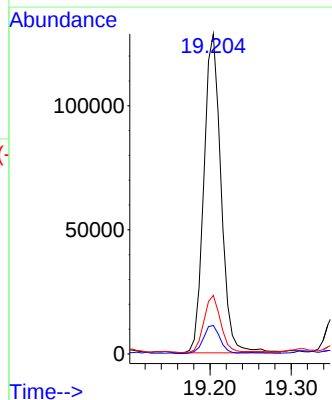
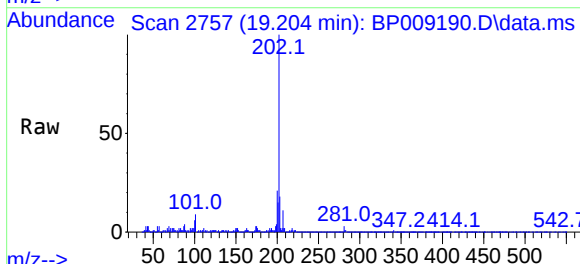
Manual Integrations
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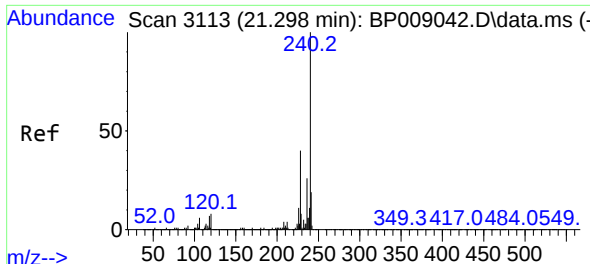
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#75
Fluoranthene
Concen: 2.693 ng
RT: 19.204 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

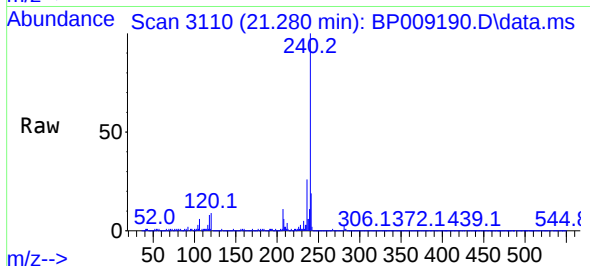
Tgt Ion:202 Resp: 188473
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.7
203 18.3 0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

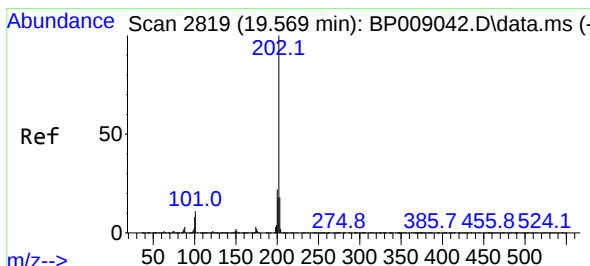
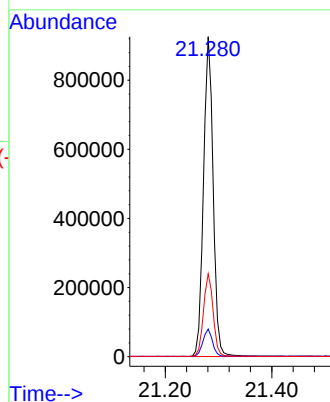
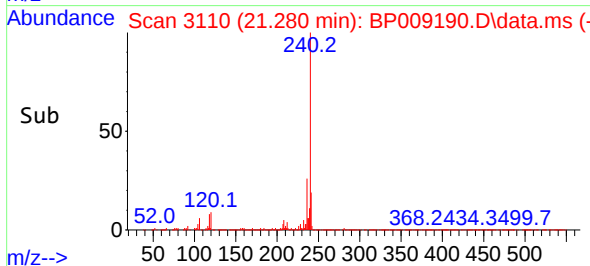
Instrument :
BNA_P
ClientSampleId :
VNJ-209



Tgt Ion:240 Resp: 1159410
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 25.9 21.2 31.8

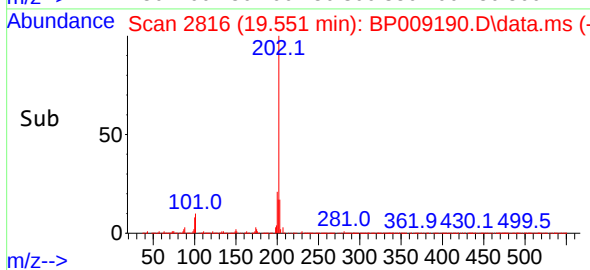
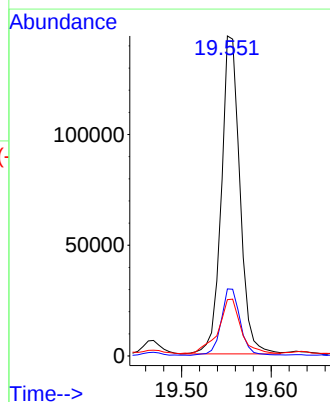
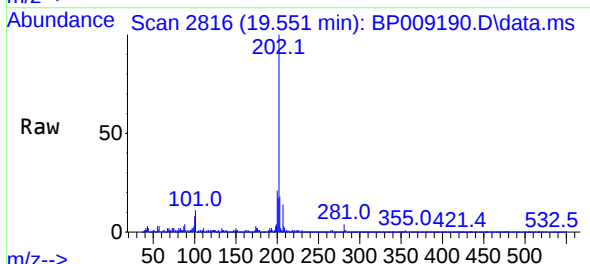
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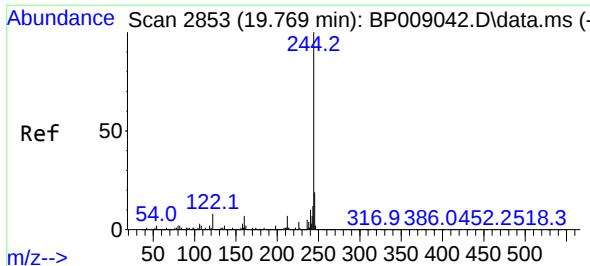
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#78
Pyrene
Concen: 2.498 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

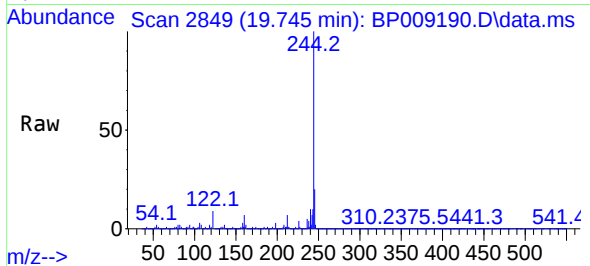
Tgt Ion:202 Resp: 206003
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 17.6 15.0 22.6





#79
Terphenyl-d14
Concen: 67.651 ng
RT: 19.745 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

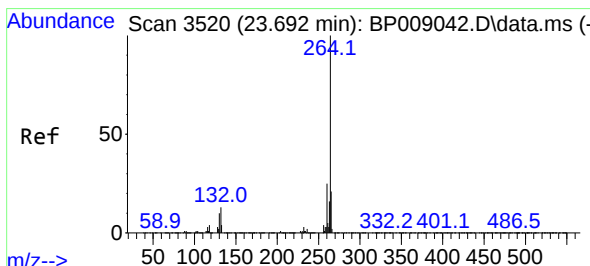
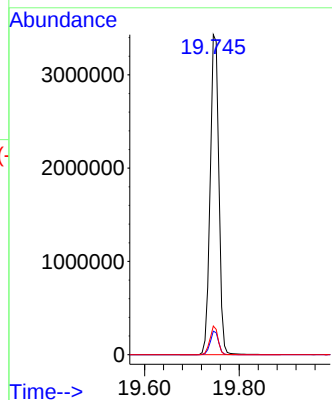
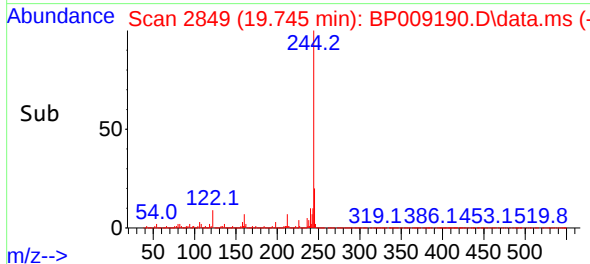
Instrument :
BNA_P
ClientSampleId :
VNJ-209



Tgt Ion:244 Resp: 4361558
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 9.0 9.2 13.8

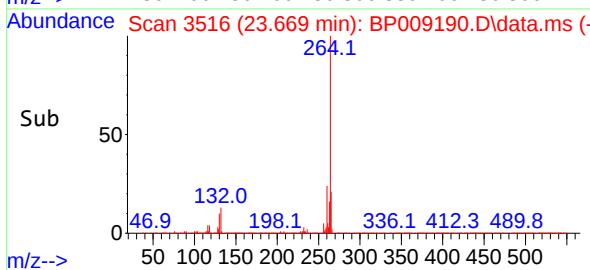
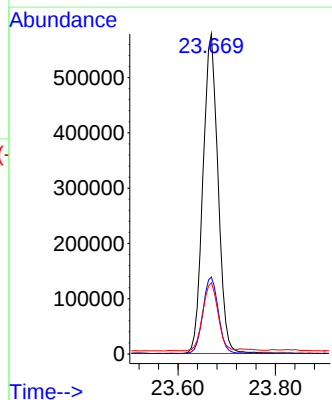
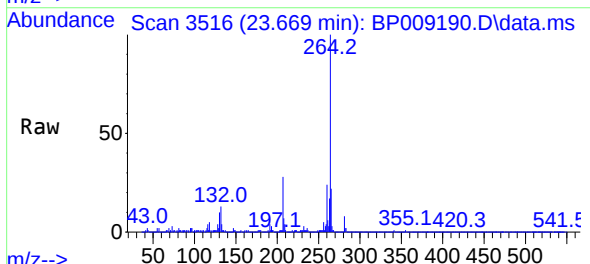
Manual Integrations
APPROVED

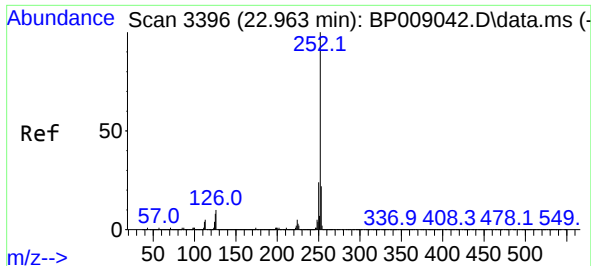
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.669 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

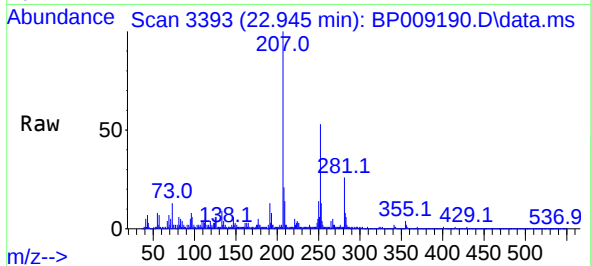
Tgt Ion:264 Resp: 1235553
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.3 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 2.678 ng m
RT: 22.945 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

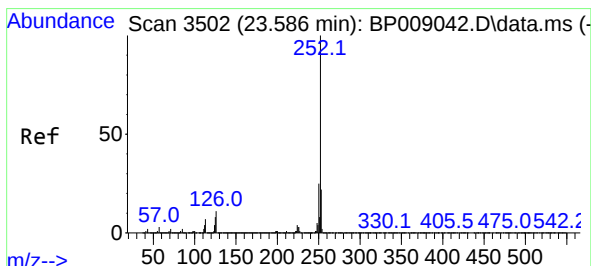
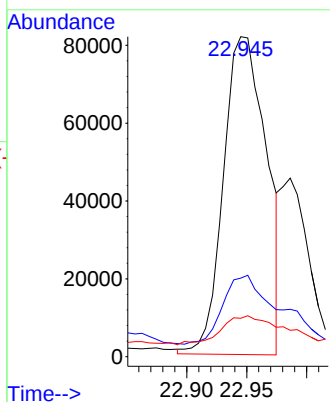
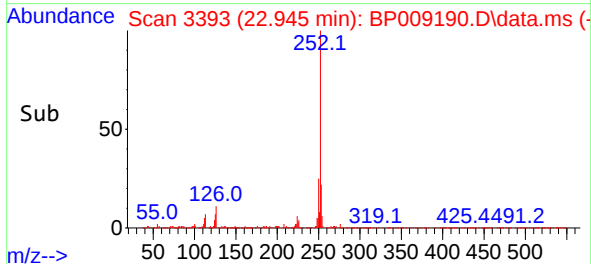
Instrument :
BNA_P
ClientSampleId :
VNJ-209



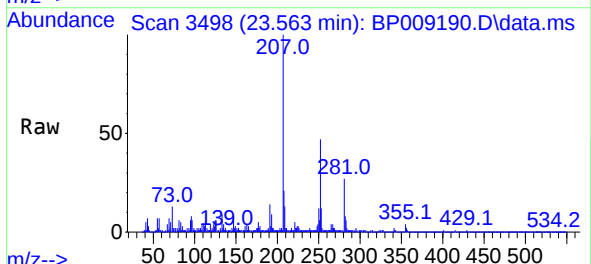
Tgt Ion:252 Resp: 203719
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 12.0 6.9 10.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#90
Benzo(a)pyrene
Concen: 2.460 ng
RT: 23.563 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38



Tgt Ion:252 Resp: 156001
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.8
125 12.8 7.8 11.6

