

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019727.D
 Acq On : 15 Feb 2024 17:28
 Operator : MA/JU
 Sample : P1483-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-2327

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 15 17:55:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	72386	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	253574	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	160911	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	395375	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	451692	20.000	ng	0.00
86) Perylene-d12	23.804	264	509252	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	161608	35.988	ng	-0.01
7) Phenol-d6	7.069	99	195405	32.271	ng	-0.02
23) Nitrobenzene-d5	9.069	82	137047	23.419	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	110099	46.862	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	295087	22.671	ng	-0.02
79) Terphenyl-d14	19.857	244	616938	22.462	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.334	178	99003	4.758	ng	97
75) Fluoranthene	19.304	202	174581	6.868	ng	100
78) Pyrene	19.657	202	137008	4.298	ng	100
81) Benzo(a)anthracene	21.369	228	73299m	2.305	ng	
83) Chrysene	21.422	228	68567	2.271	ng	96
88) Benzo(b)fluoranthene	23.069	252	77232	2.406	ng	# 94

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

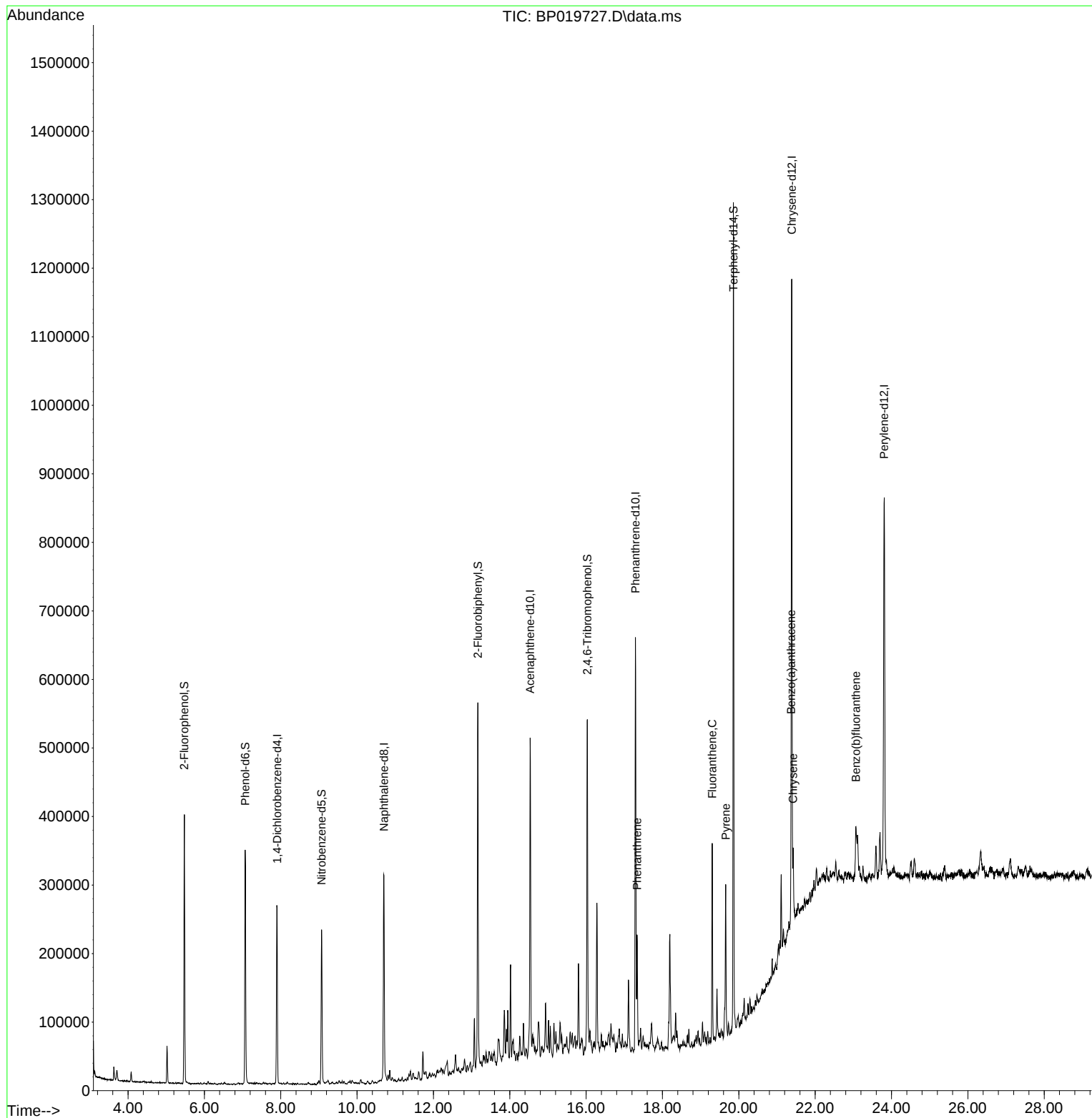
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019727.D
Acq On : 15 Feb 2024 17:28
Operator : MA/JU
Sample : P1483-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

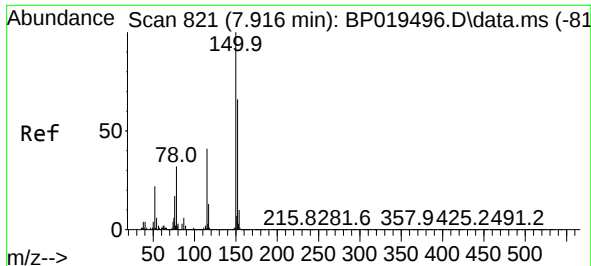
Instrument :
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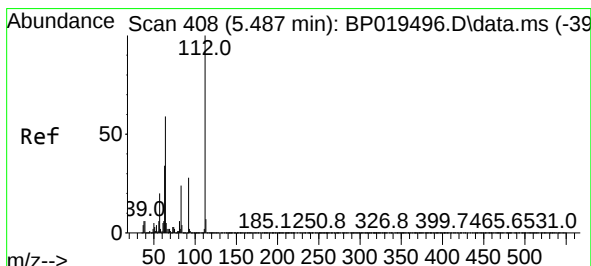
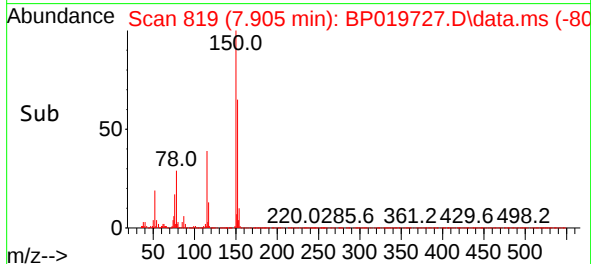
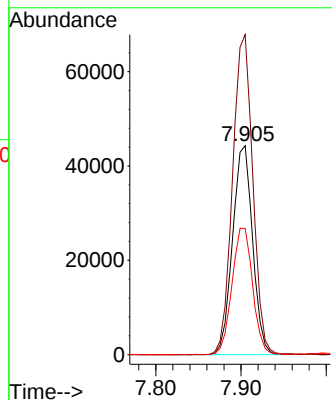
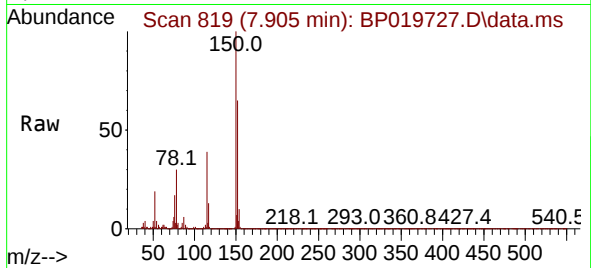
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

Instrument :
BNA_P
ClientSampleId :
RT-2327

Tgt Ion:152 Resp: 72380
Ion Ratio Lower Upper
152 100
150 153.2 121.8 182.8
115 60.5 49.9 74.9

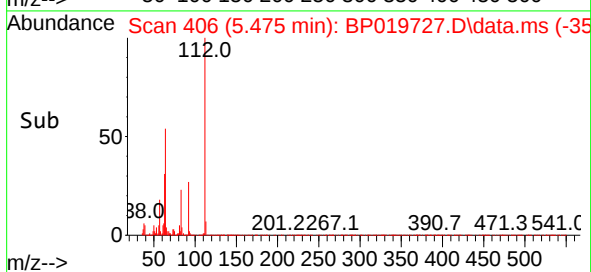
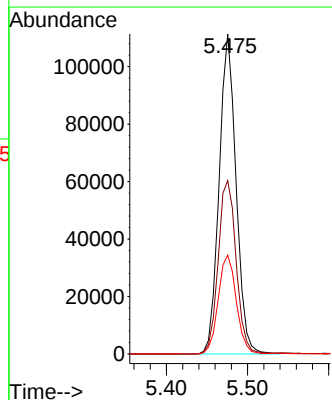
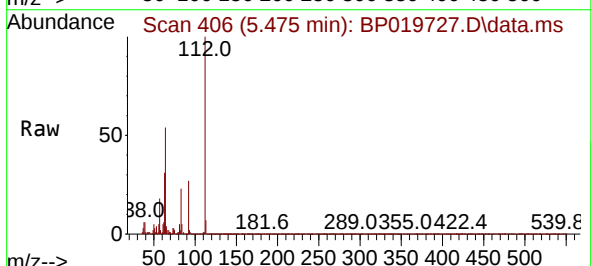
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#5
2-Fluorophenol
Concen: 35.988 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

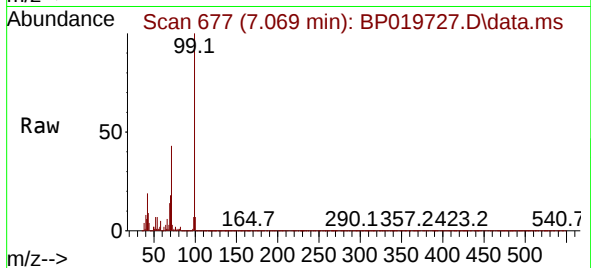
Tgt Ion:112 Resp: 161608
Ion Ratio Lower Upper
112 100
64 54.2 47.4 71.0
63 30.9 27.0 40.6





#7
Phenol-d6
Concen: 32.271 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

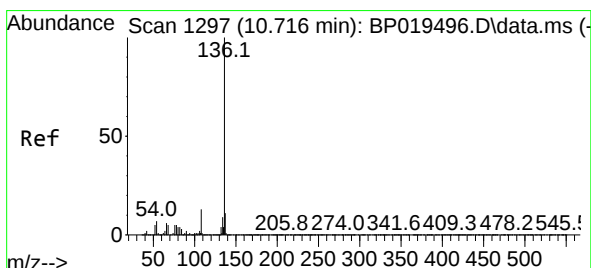
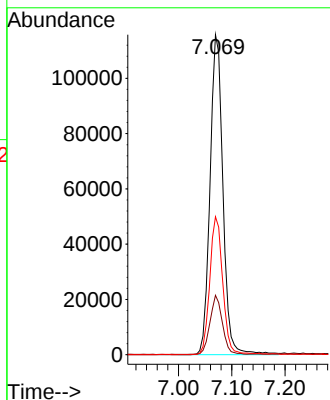
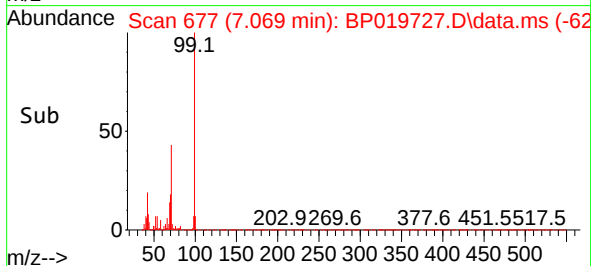
Instrument :
BNA_P
ClientSampleId :
RT-2327



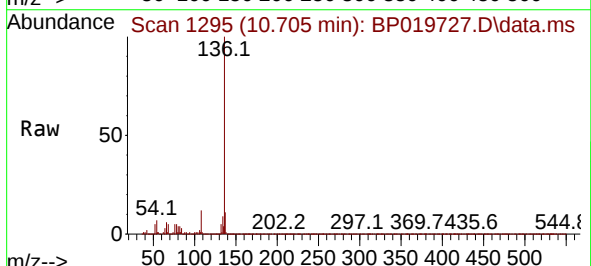
Tgt Ion: 99 Resp: 19540
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 43.1 34.8 52.2

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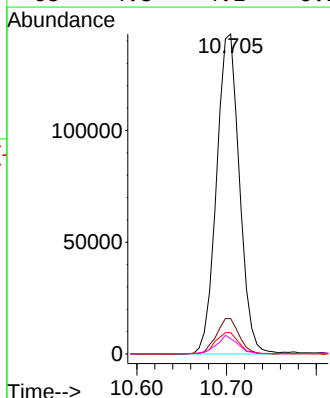
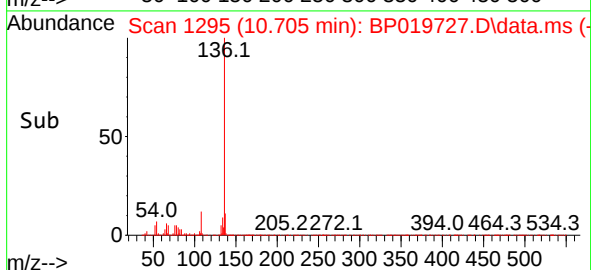
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28



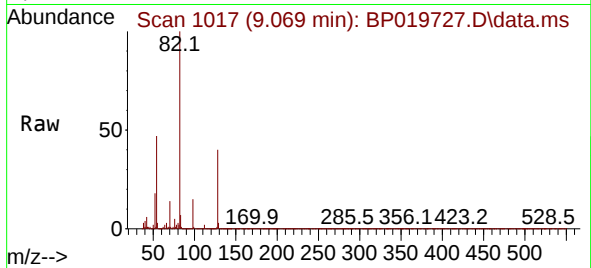
Tgt Ion:136 Resp: 253574
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.3 7.9
68 4.8 4.1 6.1





#23
Nitrobenzene-d5
Concen: 23.419 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

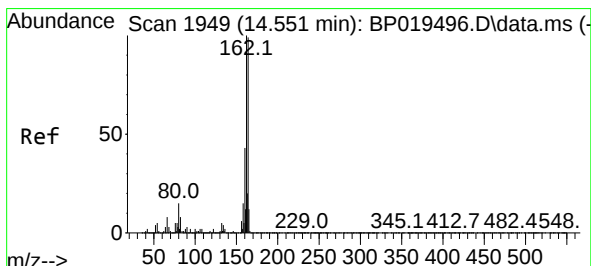
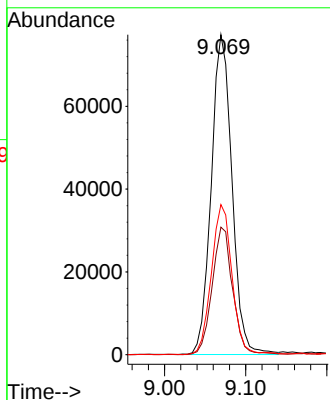
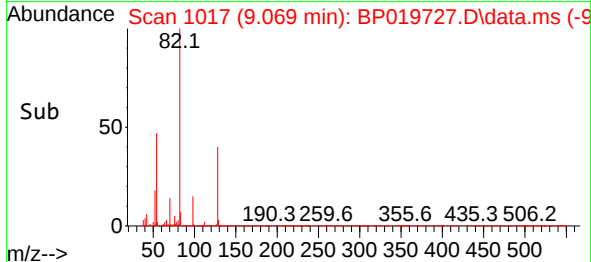
Instrument :
BNA_P
ClientSampleId :
RT-2327



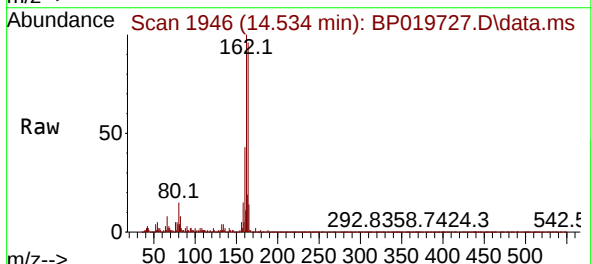
Tgt Ion: 82 Resp: 13704
Ion Ratio Lower Upper
82 100
128 39.8 29.7 44.5
54 46.9 36.8 55.2

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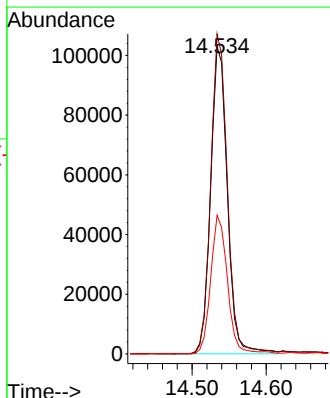
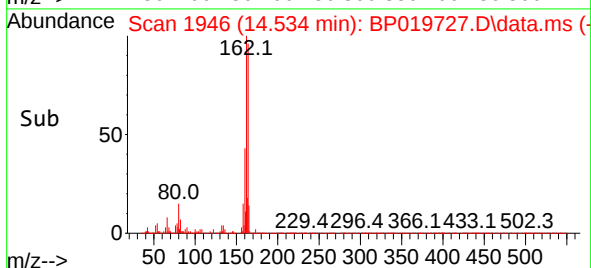
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

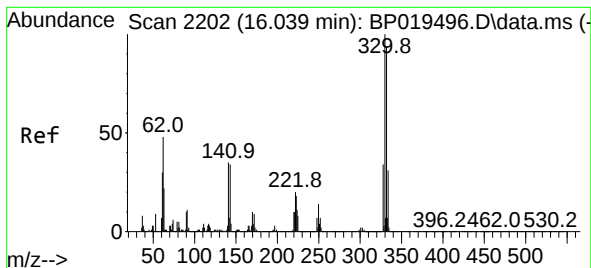


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28



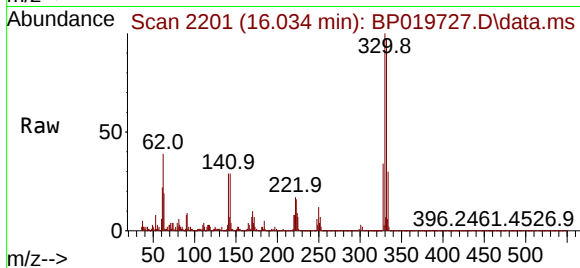
Tgt Ion:164 Resp: 160911
Ion Ratio Lower Upper
164 100
162 104.1 81.2 121.8
160 45.1 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 46.862 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

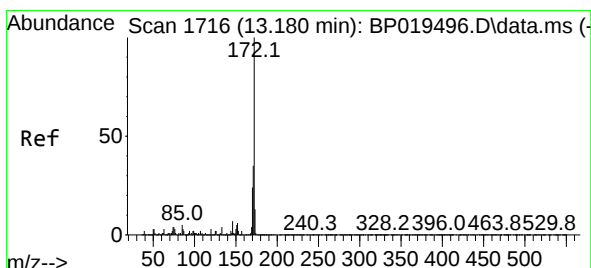
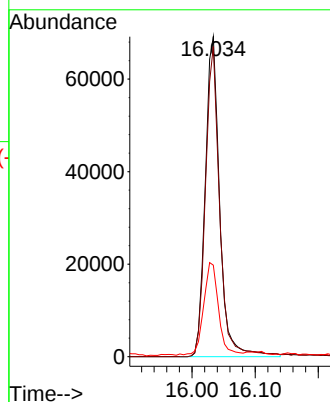
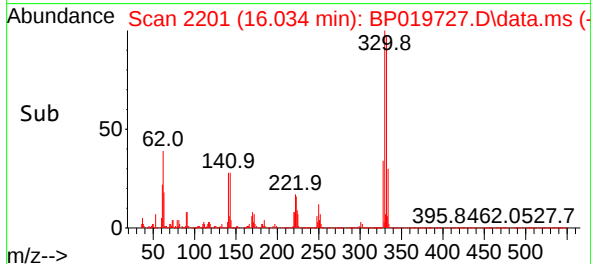
Instrument :
BNA_P
ClientSampleId :
RT-2327



Tgt Ion:330 Resp: 110099
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 29.8 27.0 40.4

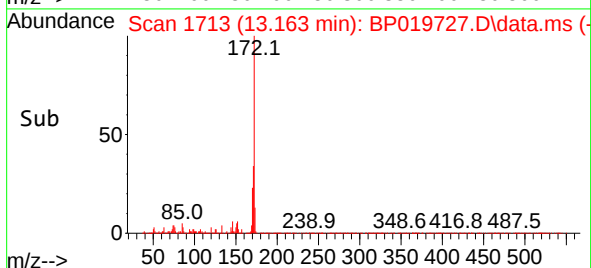
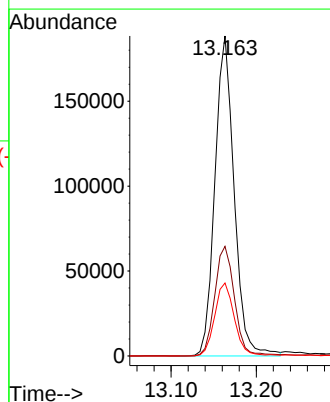
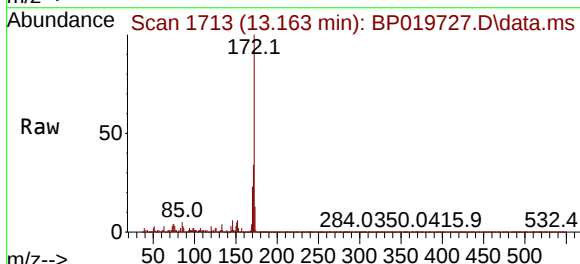
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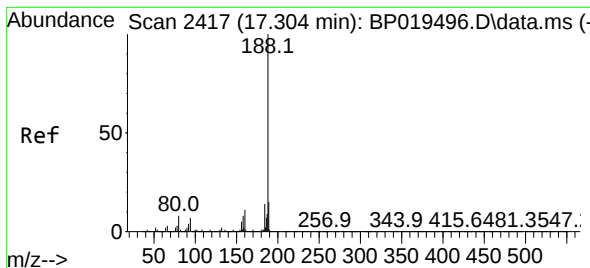
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#45
2-Fluorobiphenyl
Concen: 22.671 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

Tgt Ion:172 Resp: 295087
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.4
170 22.8 18.9 28.3





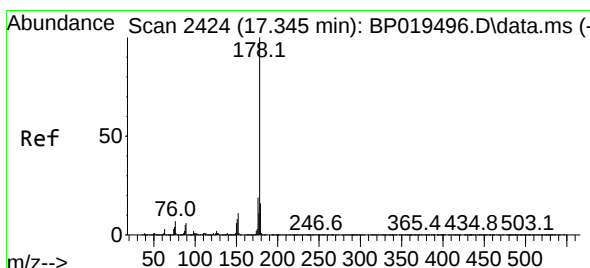
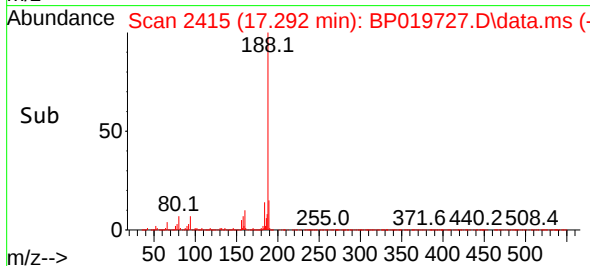
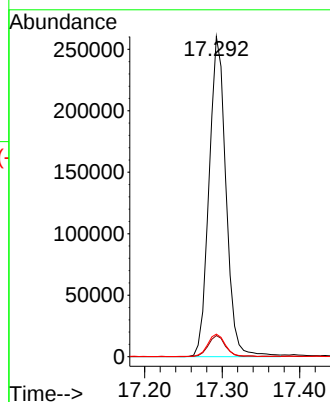
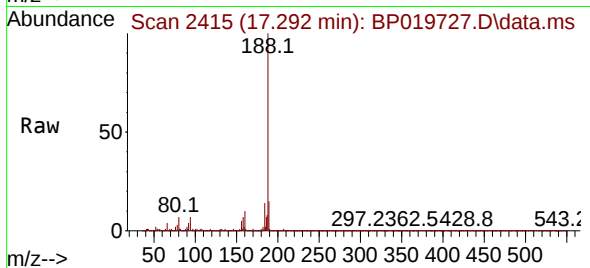
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

Instrument :
BNA_P
ClientSampleId :
RT-2327

Tgt Ion:188 Resp: 39537
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 7.1 6.3 9.5

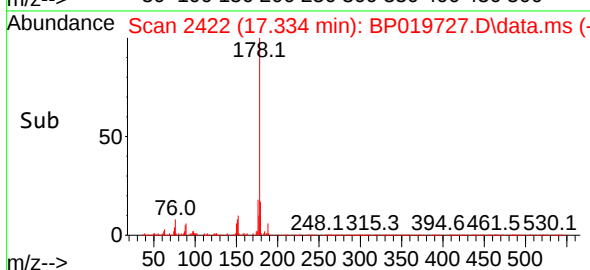
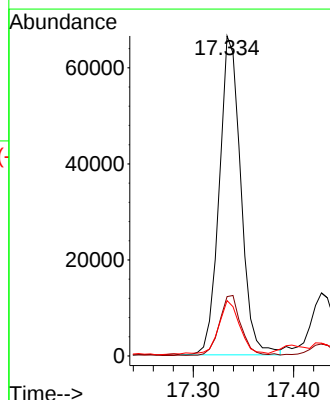
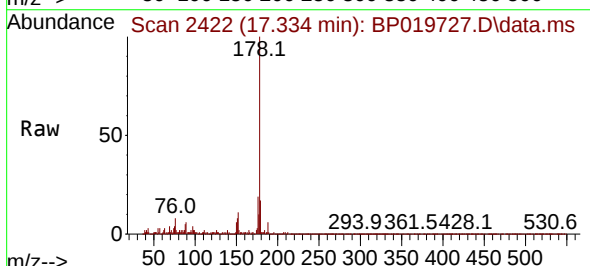
Manual Integrations
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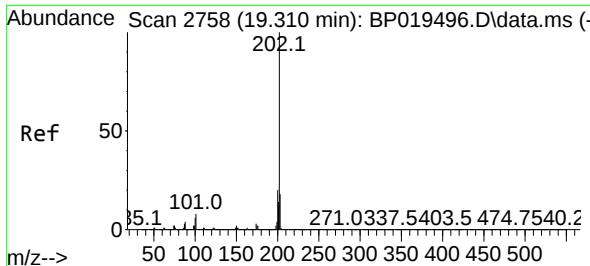
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#71
Phenanthrene
Concen: 4.758 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.011 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

Tgt Ion:178 Resp: 99003
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 17.3 12.6 19.0





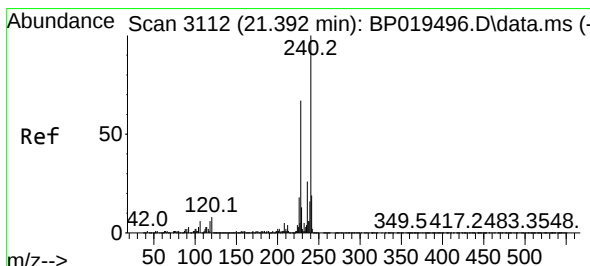
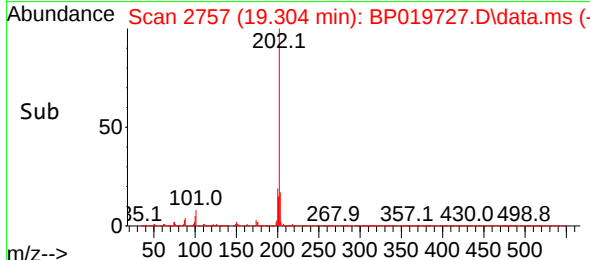
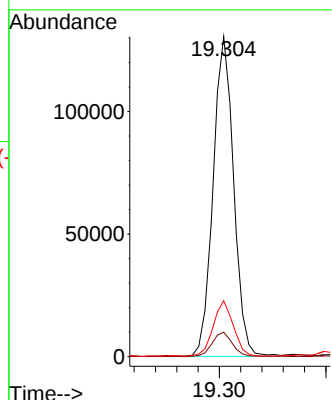
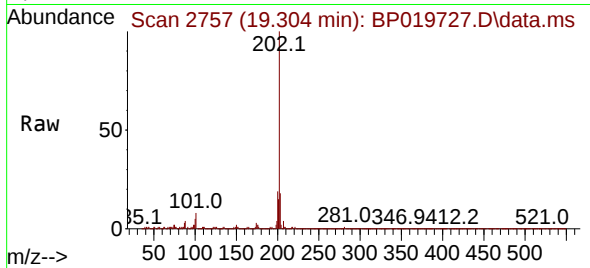
#75
Fluoranthene
Concen: 6.868 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

Instrument :
BNA_P
ClientSampleId :
RT-2327

Tgt Ion:202 Resp: 17458
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.7
203 17.5 0.0 37.5

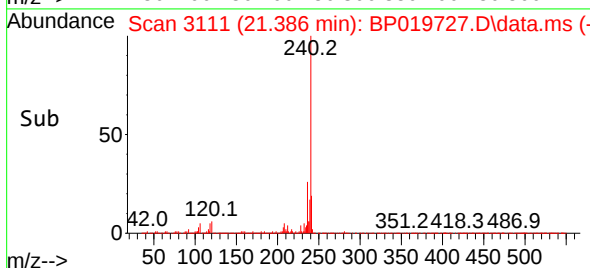
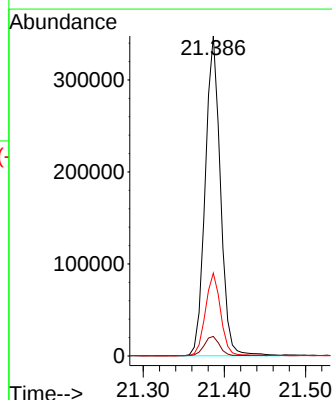
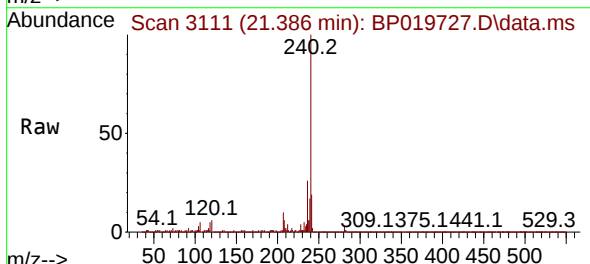
Manual Integrations
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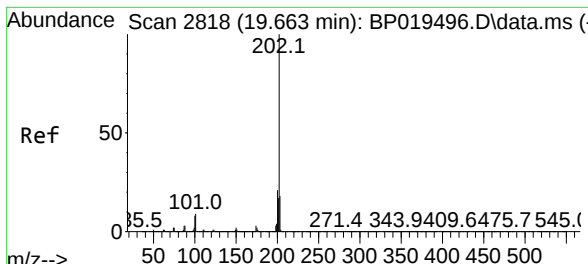
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.005 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

Tgt Ion:240 Resp: 451692
Ion Ratio Lower Upper
240 100
120 6.1 6.1 9.1
236 25.9 20.7 31.1



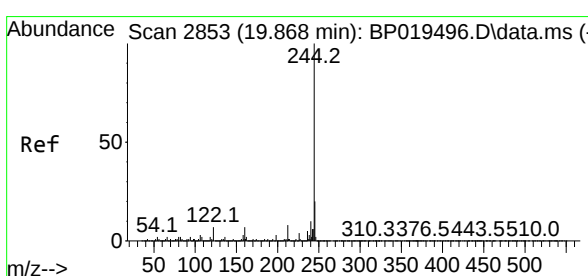
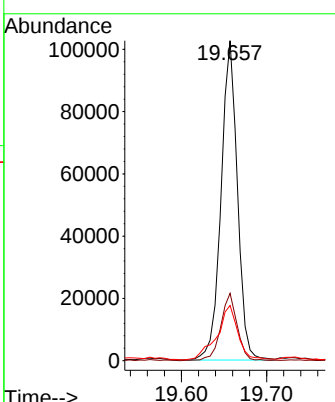
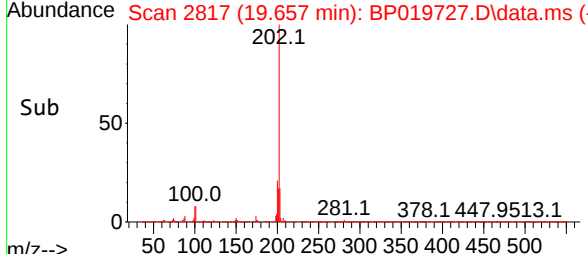
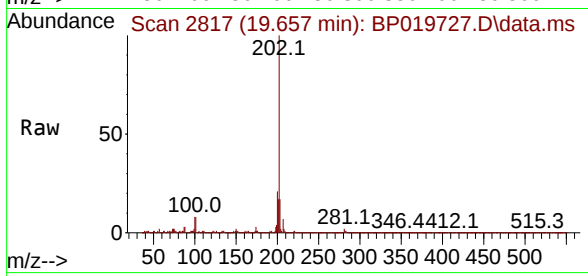


#78
 Pyrene
 Concen: 4.298 ng
 RT: 19.657 min Scan# 2817
 Delta R.T. -0.005 min
 Lab File: BP019727.D
 Acq: 15 Feb 2024 17:28

Instrument : BNA_P
 ClientSampleId : RT-2327

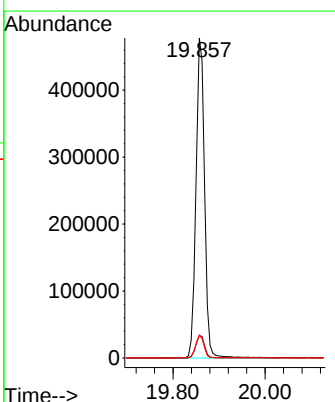
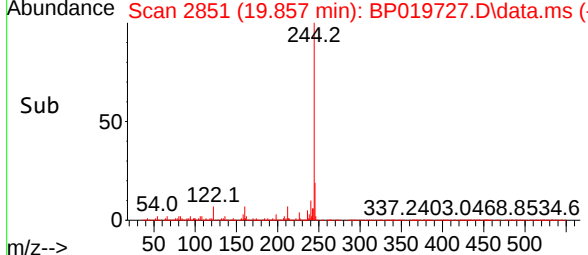
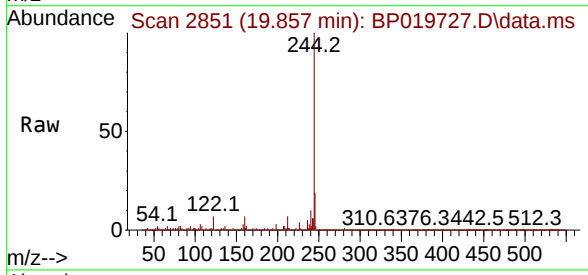
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Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.3	14.2	21.2

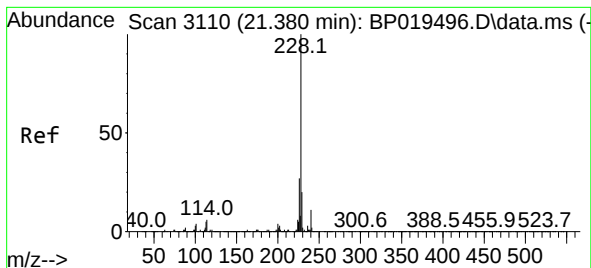
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024



#79
 Terphenyl-d14
 Concen: 22.462 ng
 RT: 19.857 min Scan# 2851
 Delta R.T. -0.011 min
 Lab File: BP019727.D
 Acq: 15 Feb 2024 17:28

Tgt Ion:	244	Resp:	616938
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.1	9.1
122	7.1	5.9	8.9





#81

Benzo(a)anthracene

Concen: 2.305 ng m

RT: 21.369 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BP019727.D

Acq: 15 Feb 2024 17:28

Instrument :

BNA_P

ClientSampleId :

RT-2327

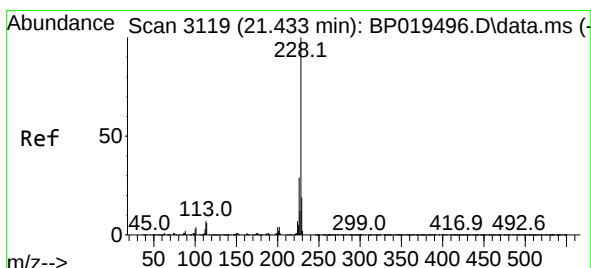
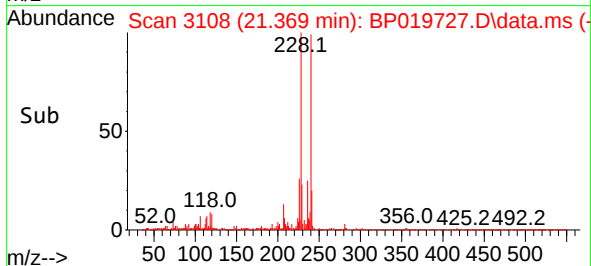
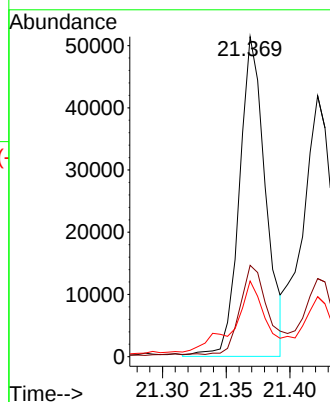
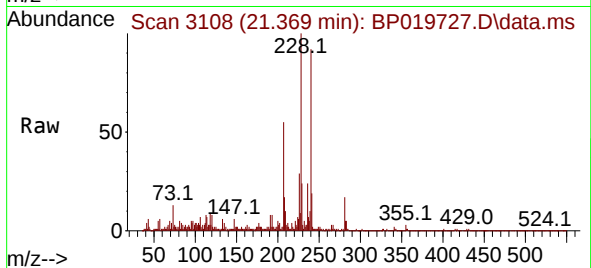
Tgt Ion:228 Resp: 73299
 Ion Ratio Lower Upper
 228 100
 226 28.5 21.7 32.5
 229 23.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#83

Chrysene

Concen: 2.271 ng

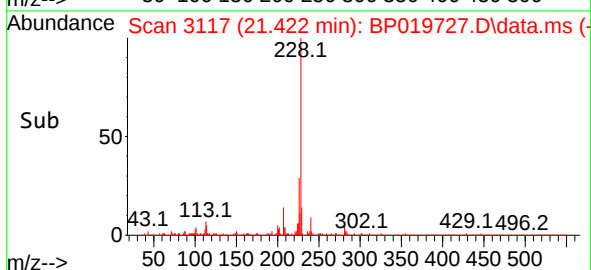
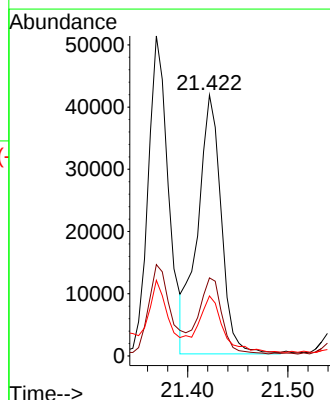
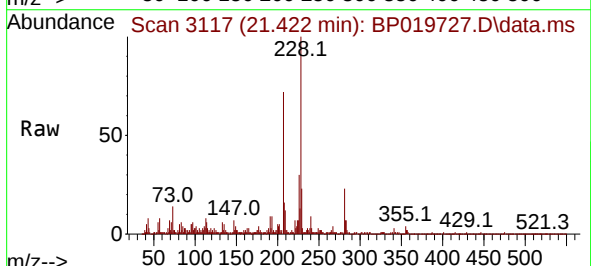
RT: 21.422 min Scan# 3117

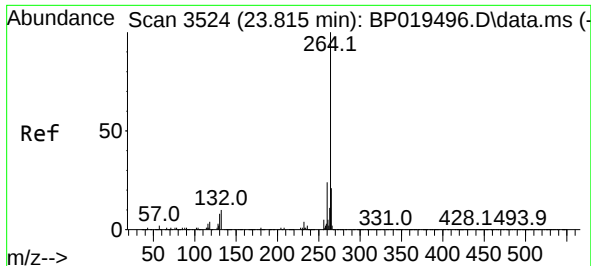
Delta R.T. -0.011 min

Lab File: BP019727.D

Acq: 15 Feb 2024 17:28

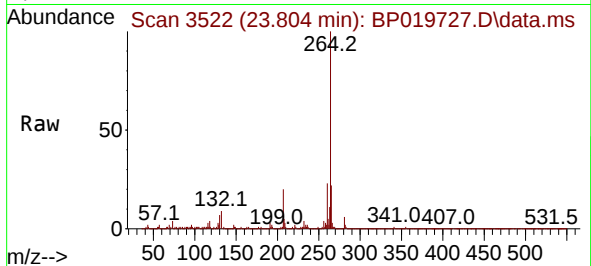
Tgt Ion:228 Resp: 68567
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.4 35.2
 229 23.0 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

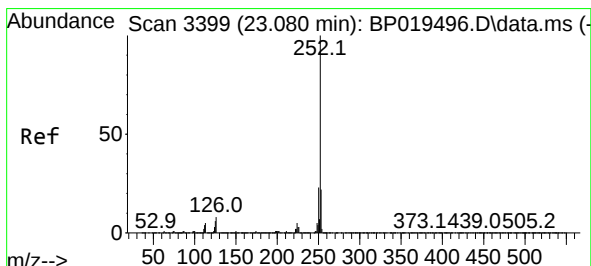
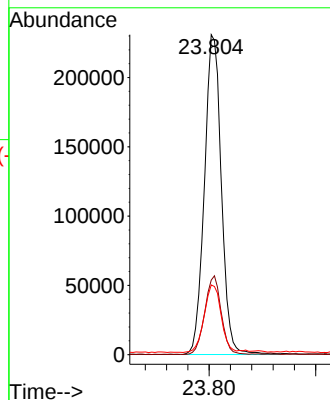
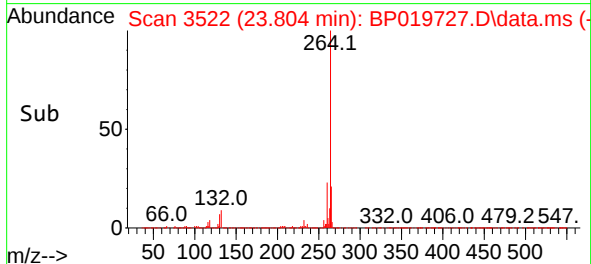
Instrument :
BNA_P
ClientSampleId :
RT-2327



Tgt Ion:264 Resp: 50925
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.8 17.0 25.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#88
Benzo(b)fluoranthene
Concen: 2.406 ng
RT: 23.069 min Scan# 3397
Delta R.T. -0.011 min
Lab File: BP019727.D
Acq: 15 Feb 2024 17:28

Tgt Ion:252 Resp: 77232
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 9.5 4.9 7.3#

