

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013585.D
 Acq On : 24 Jan 2023 23:18
 Operator : CG/JU
 Sample : 01190-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WS-1

Quant Time: Jan 25 03:53:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	393275	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1349891	20.000	ng	# 0.00
39) Acenaphthene-d10	14.804	164	622359	20.000	ng	0.00
64) Phenanthrene-d10	17.563	188	1081870	20.000	ng	# 0.01
76) Chrysene-d12	21.628	240	1370531	20.000	ng	0.00
86) Perylene-d12	24.210	264	1650746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1729182	75.334	ng	0.00
7) Phenol-d6	7.299	99	1132886	36.672	ng	0.00
23) Nitrobenzene-d5	9.334	82	2466827	120.641	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	1085157	173.833	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	4475456	98.709	ng	0.00
79) Terphenyl-d14	20.086	244	5654558	74.223	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	230776	24.940	ng	98
9) Benzaldehyde	7.299	77	7358586	376.146	ng	95
10) Phenol	7.328	94	74479	2.327	ng	97
15) Benzyl Alcohol	8.393	79	844884	38.279	ng	98
22) Acetophenone	8.993	105	3999239	115.485	ng	# 97
32) Benzoic acid	10.716	122	22448627m	448.271	ng	
37) 2-Methylnaphthalene	12.640	142	107748	2.089	ng	# 91
50) Dimethylphthalate	14.251	163	2651120	57.305	ng	# 94
52) Acenaphthene	14.869	154	103468	2.735	ng	# 81
75) Fluoranthene	19.551	202	271441	4.240	ng	# 58
78) Pyrene	19.904	202	926644	8.842	ng	# 80
81) Benzo(a)anthracene	21.610	228	254461	2.665	ng	# 66
83) Chrysene	21.663	228	359657m	3.938	ng	
84) Bis(2-ethylhexyl)phtha...	21.510	149	255812	4.791	ng	# 93

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

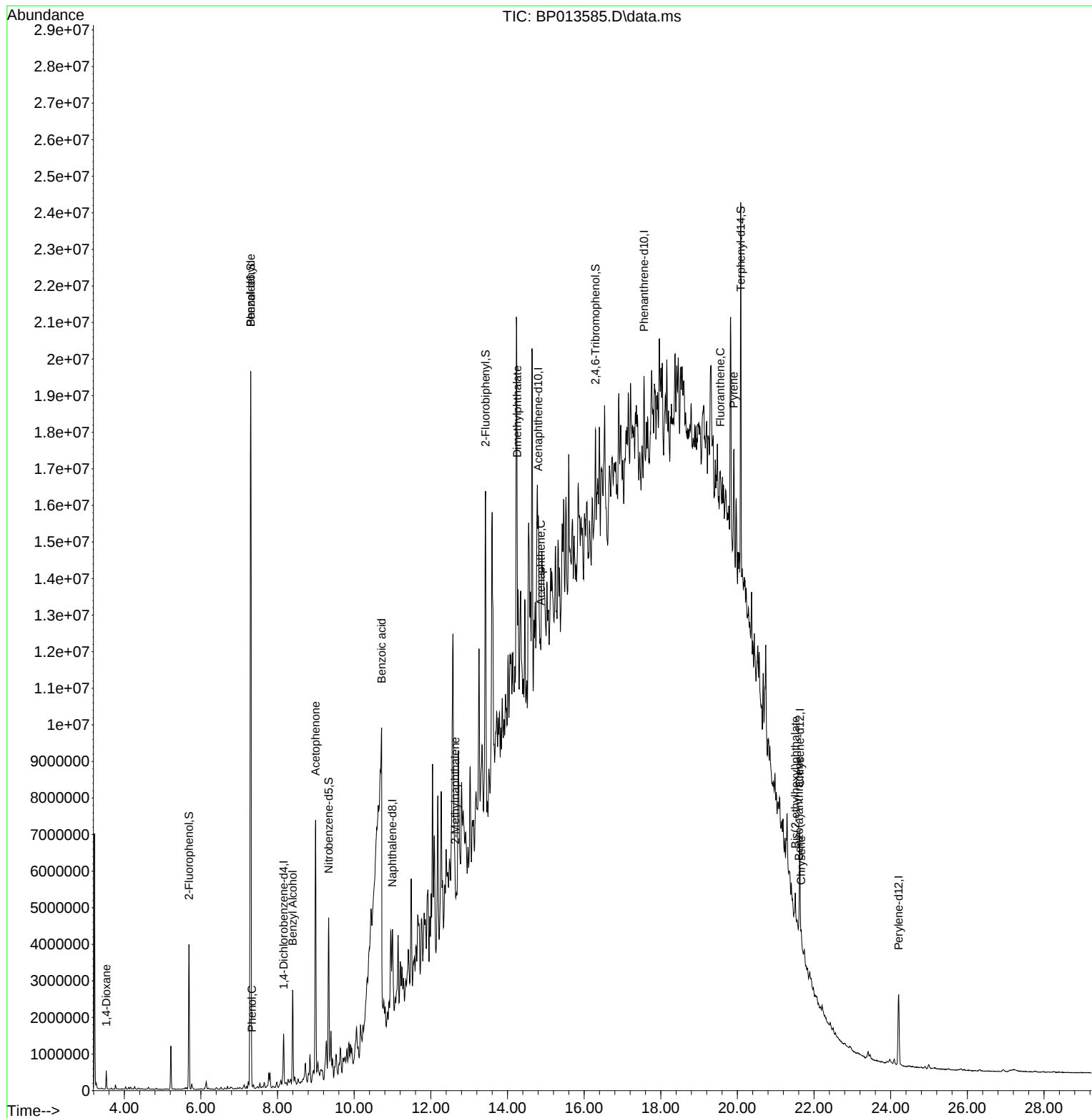
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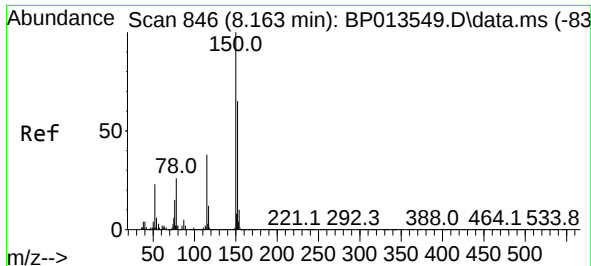
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
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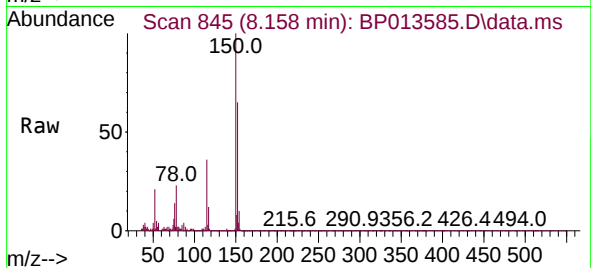
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

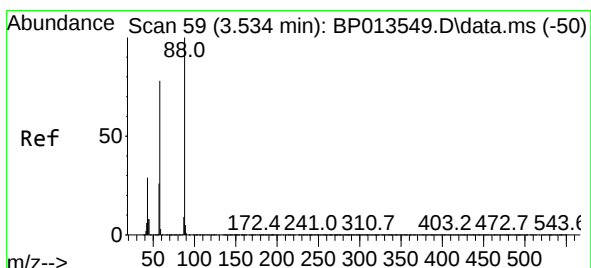
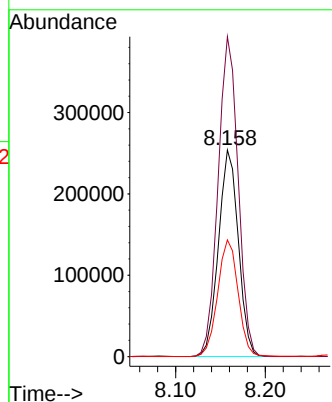
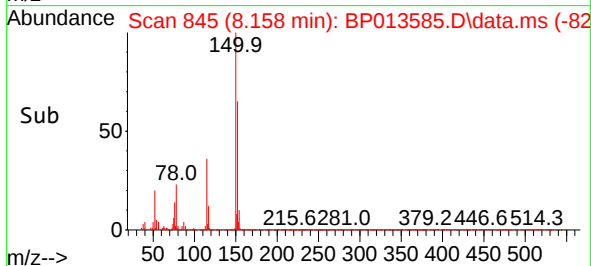
Instrument :
BNA_P
ClientSampleId :
WS-1



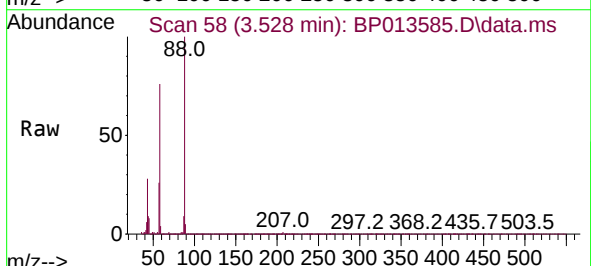
Tgt Ion:152 Resp: 393275
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 56.5 46.1 69.1

Manual Integrations
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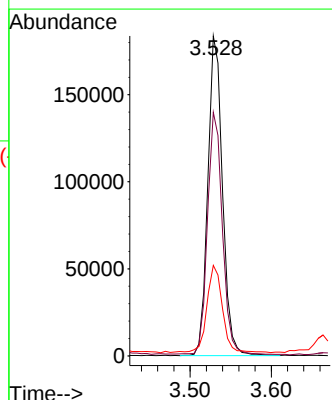
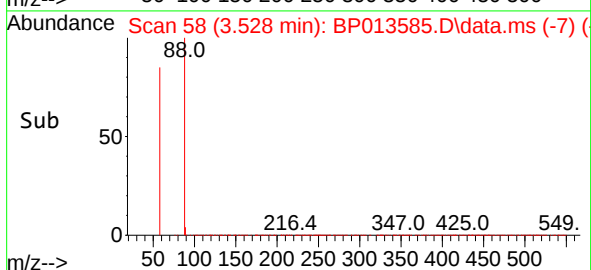
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

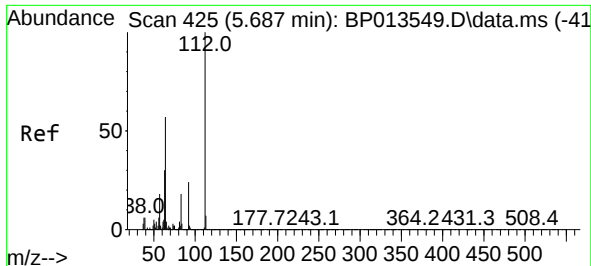


#2
1,4-Dioxane
Concen: 24.940 ng
RT: 3.528 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18



Tgt Ion: 88 Resp: 230776
Ion Ratio Lower Upper
88 100
58 77.6 63.6 95.4
43 28.8 24.2 36.2





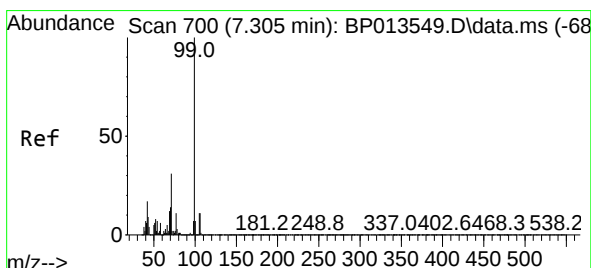
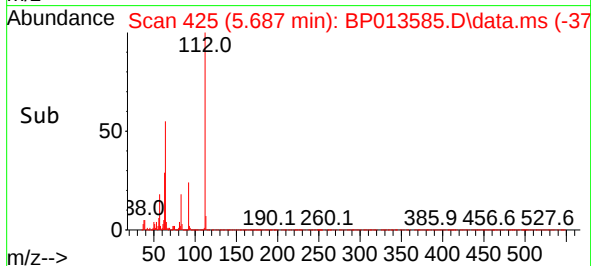
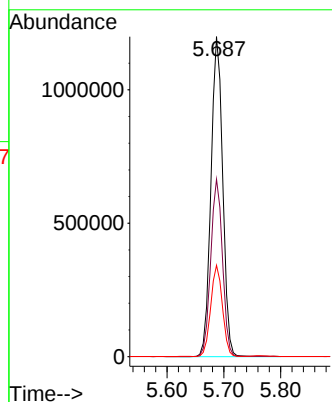
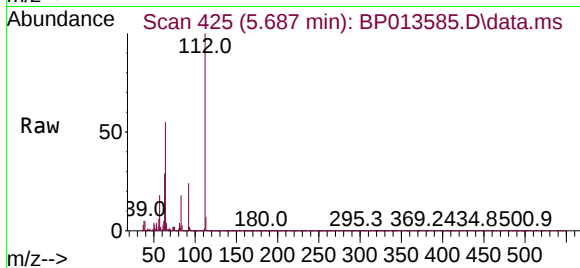
#5
2-Fluorophenol
Concen: 75.334 ng
RT: 5.687 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

Instrument :
BNA_P
ClientSampleId :
WS-1

Tgt Ion:112 Resp: 1729182
Ion Ratio Lower Upper
112 100
64 55.4 45.4 68.0
63 28.5 24.1 36.1

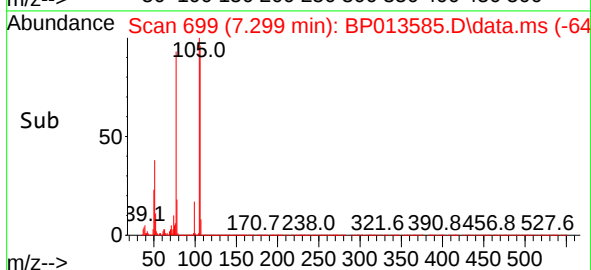
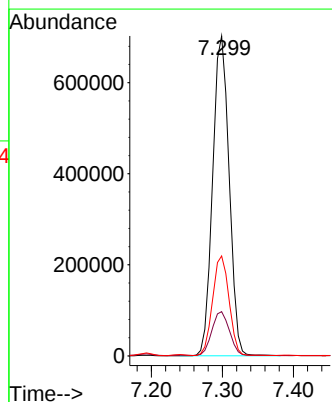
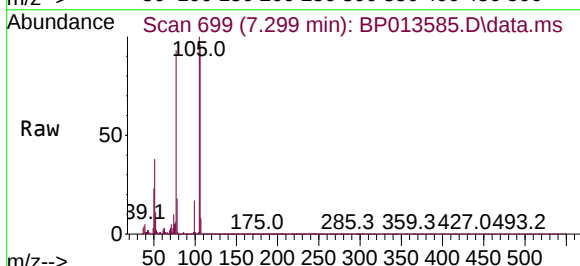
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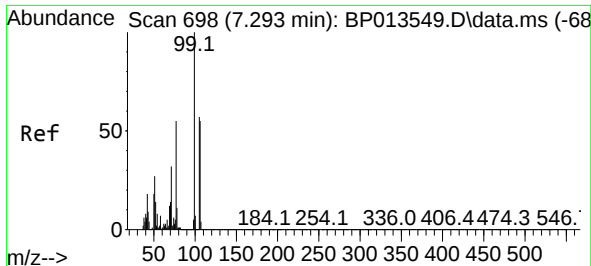
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#7
Phenol-d6
Concen: 36.672 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

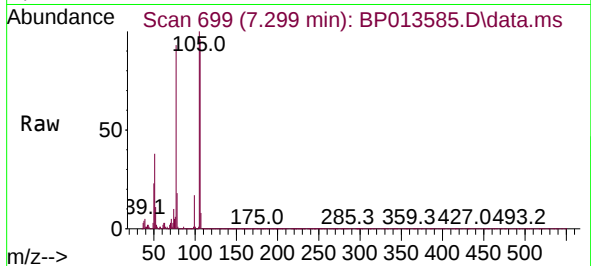
Tgt Ion: 99 Resp: 1132886
Ion Ratio Lower Upper
99 100
42 13.8 14.0 21.0#
71 31.2 24.7 37.1





#9
Benzaldehyde
Concen: 376.146 ng
RT: 7.299 min Scan# 698
Delta R.T. 0.012 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

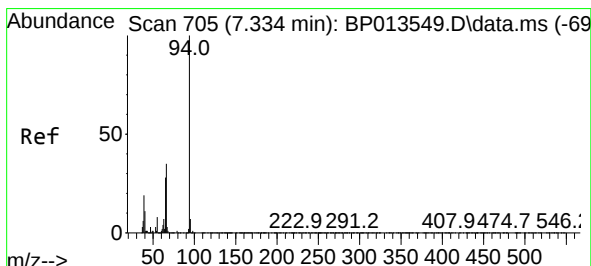
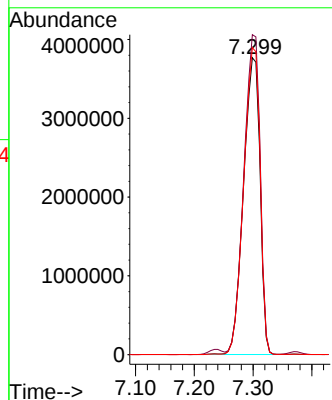
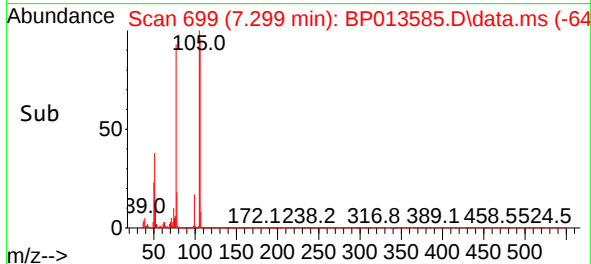
Instrument :
BNA_P
Client Sample Id :
WS-1



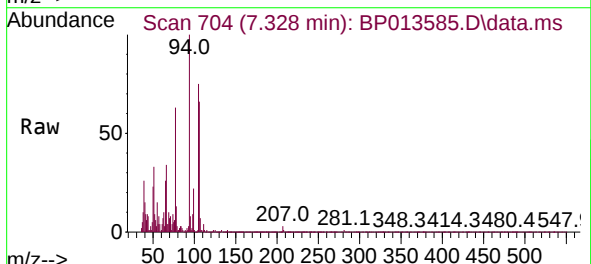
Tgt Ion: 77 Resp: 7358586
Ion Ratio Lower Upper
77 100
105 107.8 82.6 122.6
106 103.4 78.9 118.9

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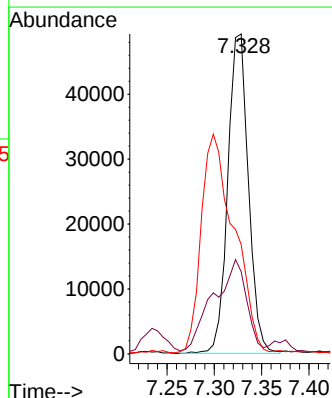
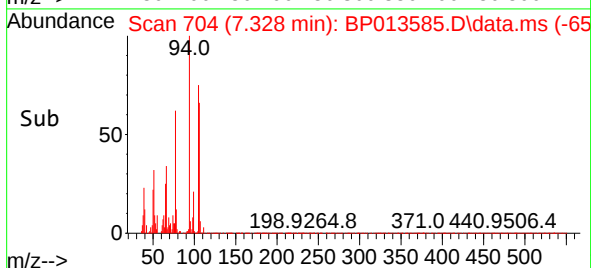
Reviewed By :Christian Giraldo 01/25/2023
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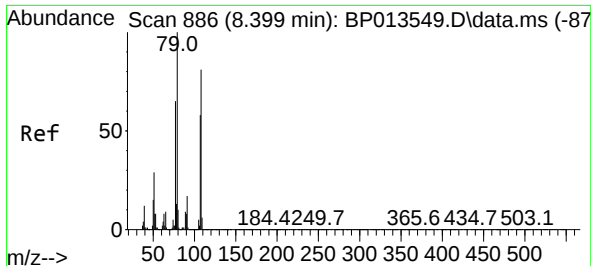


#10
Phenol
Concen: 2.327 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18



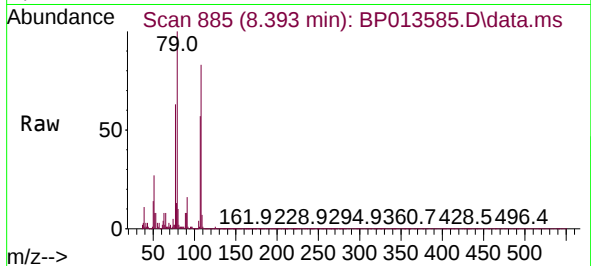
Tgt Ion: 94 Resp: 74479
Ion Ratio Lower Upper
94 100
65 25.7 7.8 47.8
66 34.2 15.5 55.5





#15
Benzyl Alcohol
Concen: 38.279 ng
RT: 8.393 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

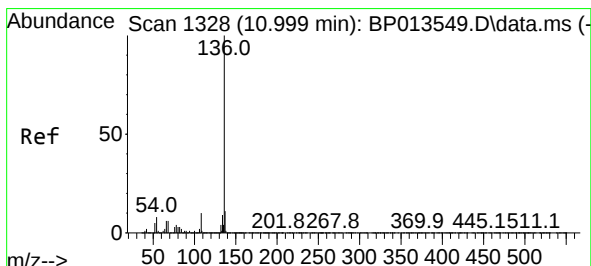
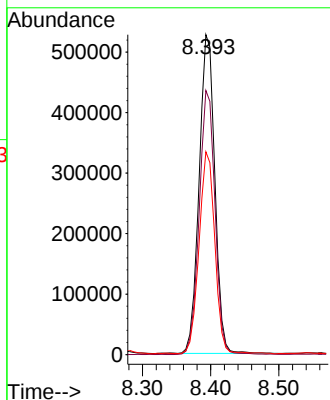
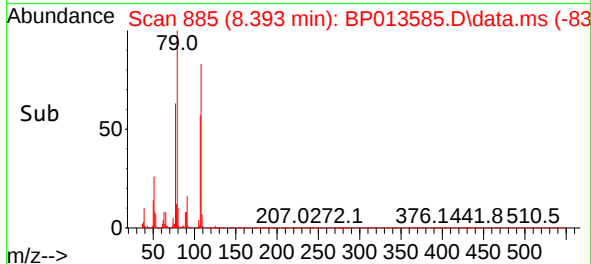
Instrument :
BNA_P
ClientSampleId :
WS-1



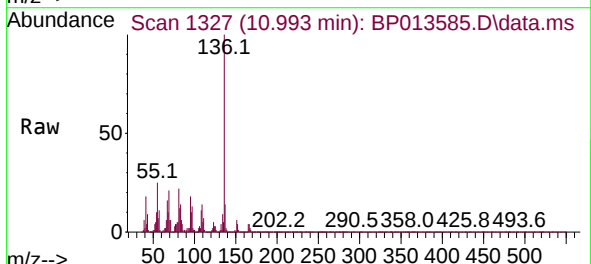
Tgt Ion: 79 Resp: 844884
Ion Ratio Lower Upper
79 100
108 82.5 65.2 97.8
77 63.4 52.3 78.5

Manual Integrations
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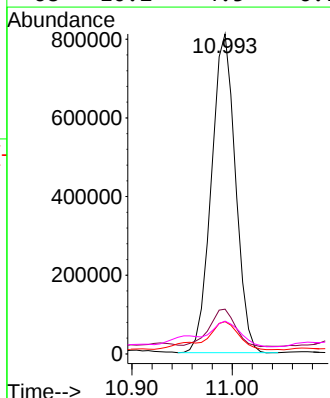
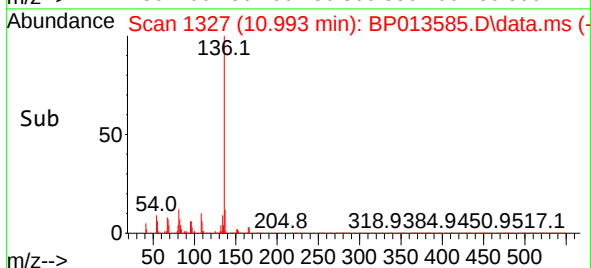
Reviewed By :Christian Giraldo 01/25/2023
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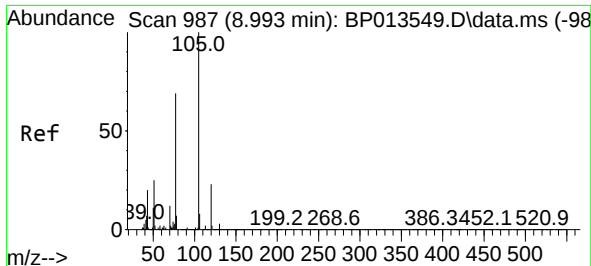


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18



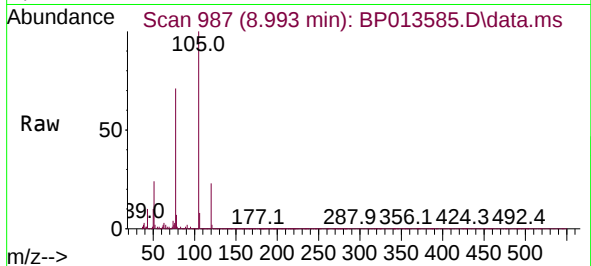
Tgt Ion:136 Resp: 1349891
Ion Ratio Lower Upper
136 100
137 14.0 9.0 13.4#
54 10.1 6.6 9.8#
68 10.2 4.5 6.7#





#22
Acetophenone
Concen: 115.485 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

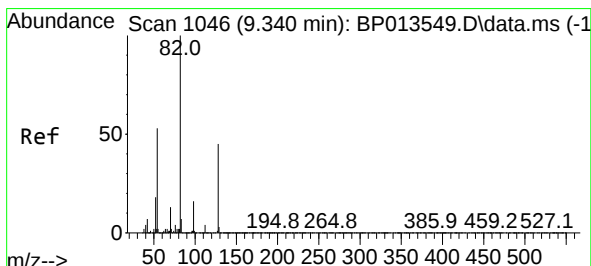
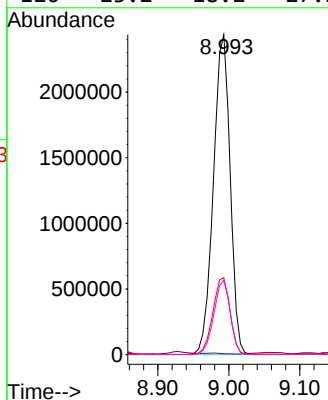
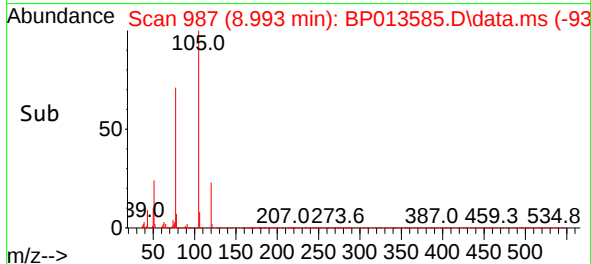
Instrument :
BNA_P
Client Sample Id :
WS-1



Tgt Ion: 105 Resp: 3999239
Ion Ratio Lower Upper
105 100
71 0.3 1.8 2.8
51 24.0 21.1 31.7
120 23.2 18.2 27.2

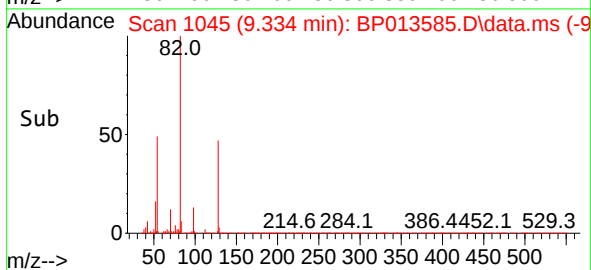
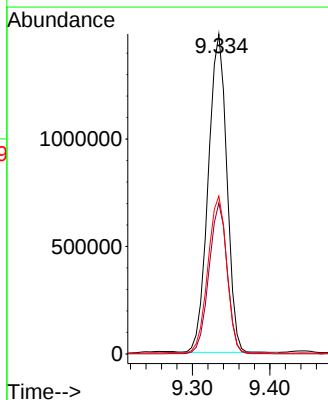
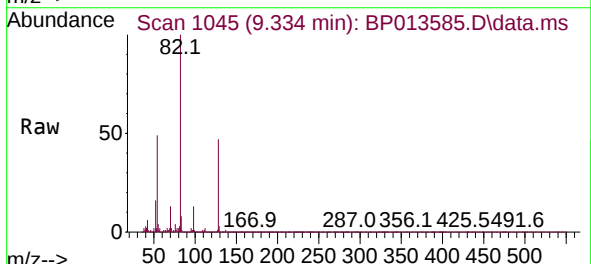
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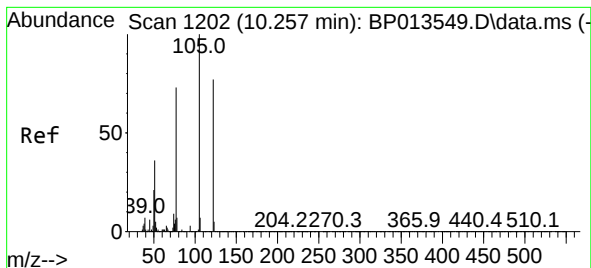
Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023



#23
Nitrobenzene-d5
Concen: 120.641 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

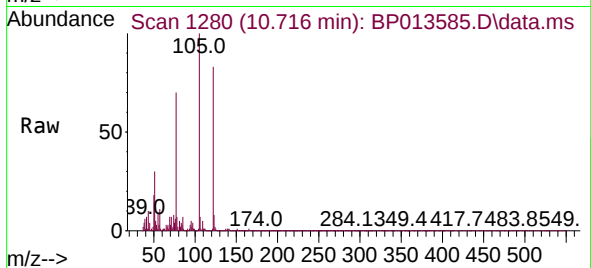
Tgt Ion: 82 Resp: 2466827
Ion Ratio Lower Upper
82 100
128 47.1 35.8 53.6
54 49.3 42.6 64.0





#32
Benzoic acid
Concen: 448.271 ng m
RT: 10.716 min Scan# 1202
Delta R.T. 0.447 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

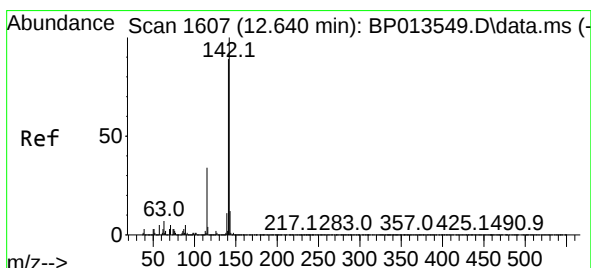
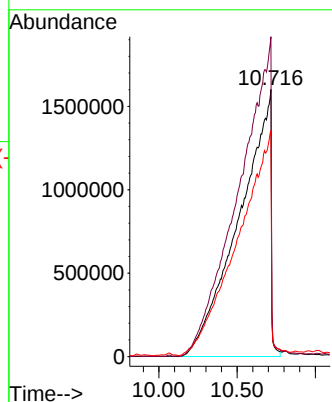
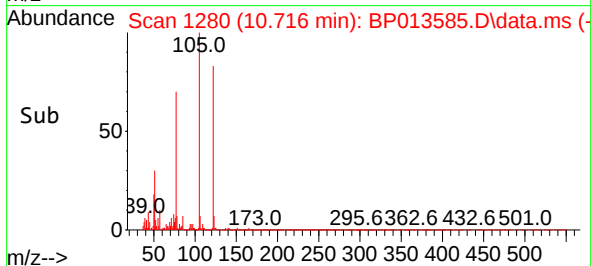
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BNA_P
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WS-1



Tgt Ion:122 Resp:2244862
Ion Ratio Lower Upper
122 100
105 119.8 100.5 140.5
77 84.4 70.9 110.9

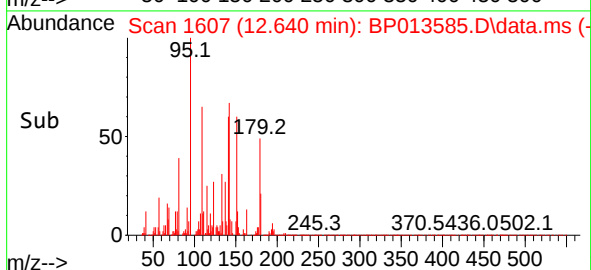
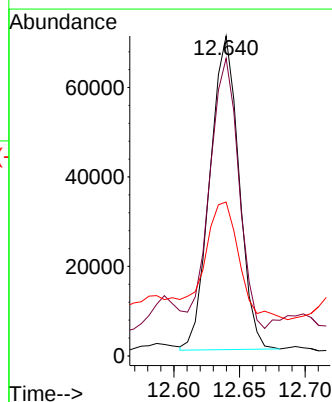
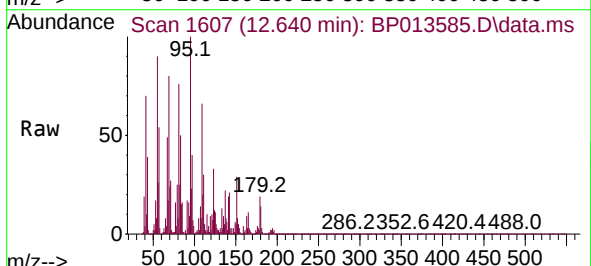
Manual Integrations
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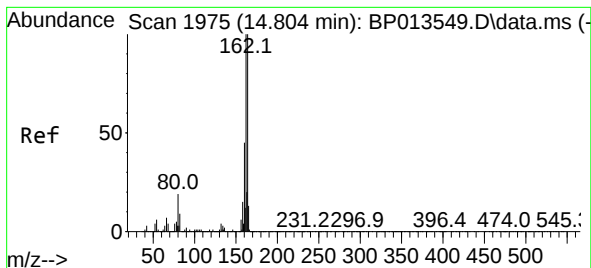
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#37
2-Methylnaphthalene
Concen: 2.089 ng
RT: 12.640 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

Tgt Ion:142 Resp: 107748
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.2
115 48.1 27.4 41.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.804 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BP013585.D

Acq: 24 Jan 2023 23:18

Instrument :

BNA_P

ClientSampleId :

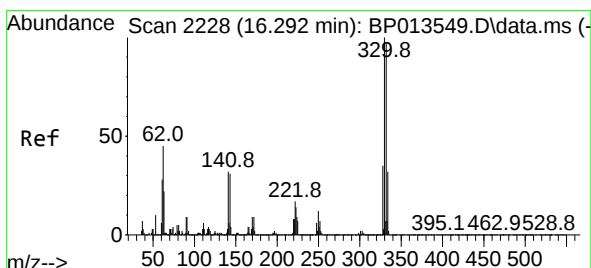
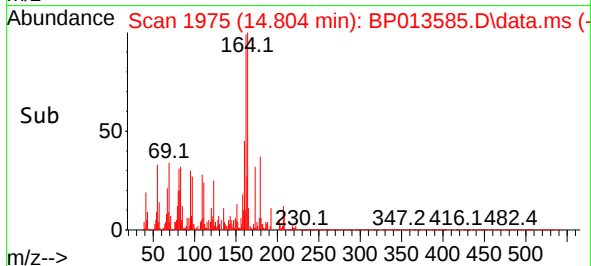
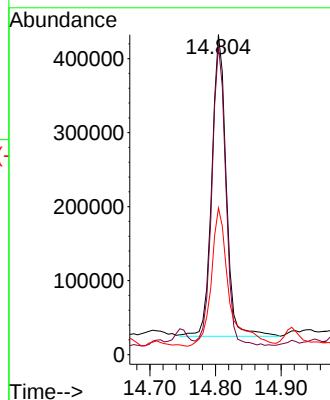
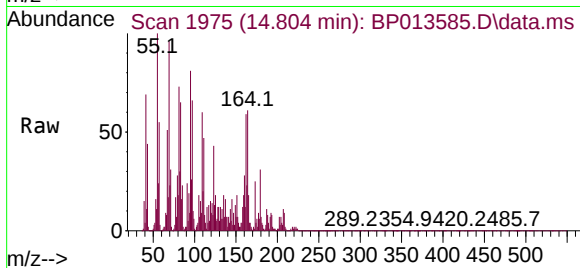
WS-1

Tgt Ion:	164	Resp:	62235
Ion Ratio	Lower	Upper	
164	100		
162	96.6	80.1	120.1
160	45.8	35.9	53.9

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 173.833 ng

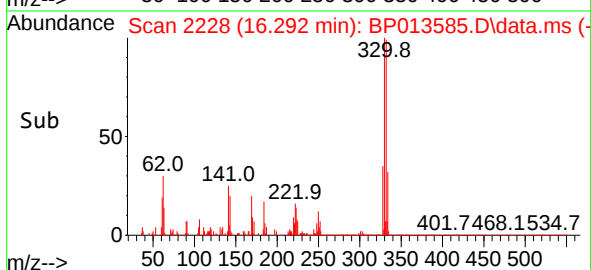
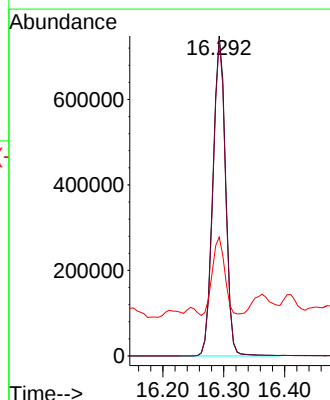
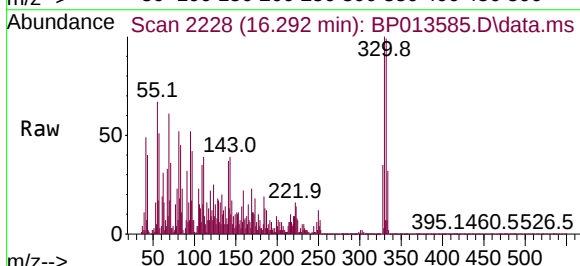
RT: 16.292 min Scan# 2228

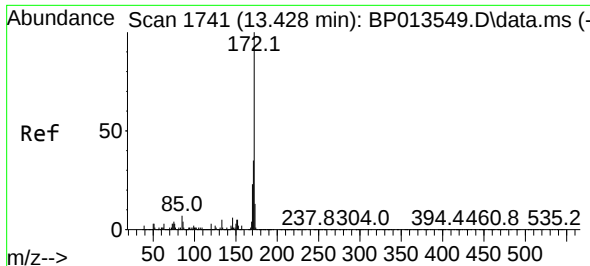
Delta R.T. 0.006 min

Lab File: BP013585.D

Acq: 24 Jan 2023 23:18

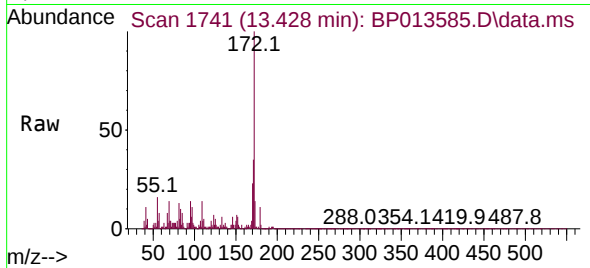
Tgt Ion:	330	Resp:	1085157
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.4	116.2
141	24.0	27.6	41.4





#45
2-Fluorobiphenyl
Concen: 98.709 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

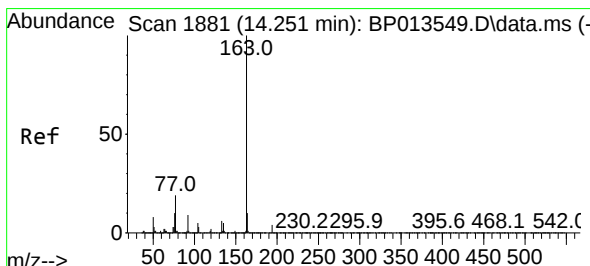
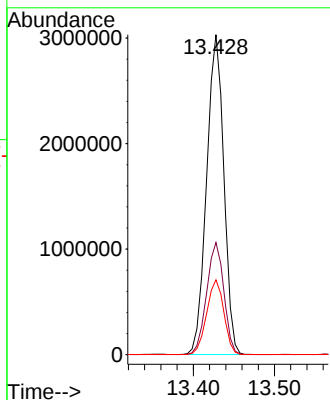
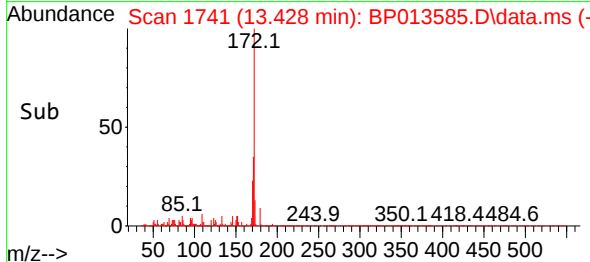
Instrument :
BNA_P
ClientSampleId :
WS-1



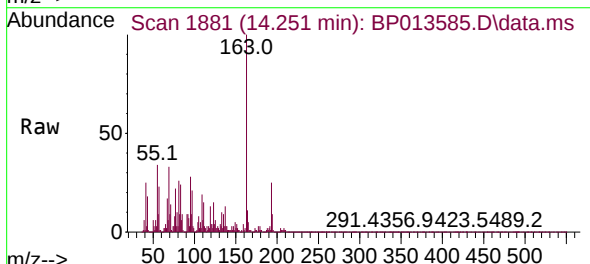
Tgt Ion:172 Resp: 4475456
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.4 18.6 27.8

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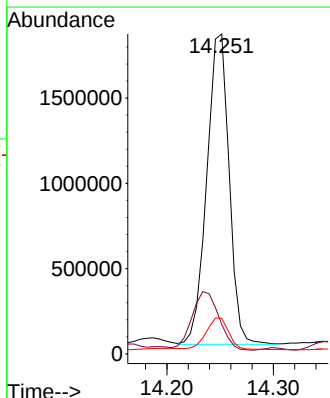
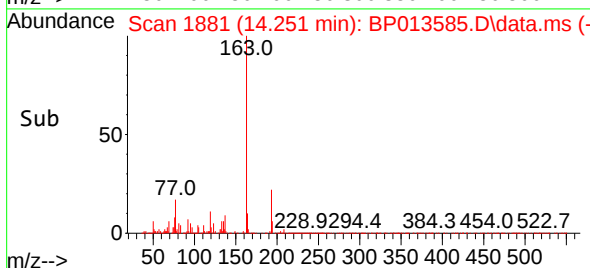
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

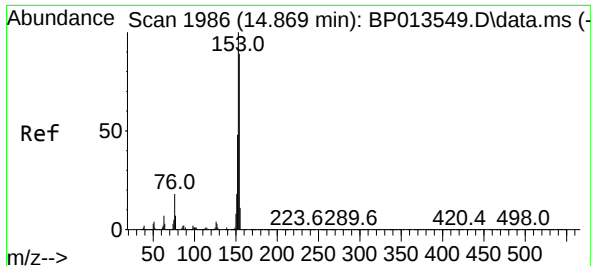


#50
Dimethylphthalate
Concen: 57.305 ng
RT: 14.251 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18



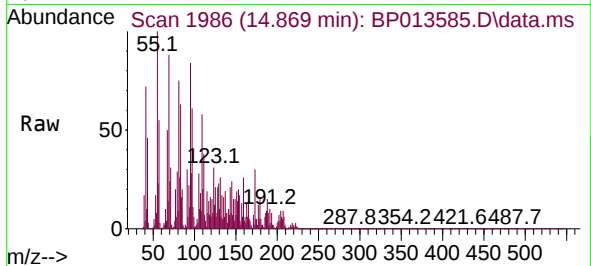
Tgt Ion:163 Resp: 2651120
Ion Ratio Lower Upper
163 100
194 9.2 3.2 4.8#
164 11.1 8.1 12.1





#52
Acenaphthene
Concen: 2.735 ng
RT: 14.869 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

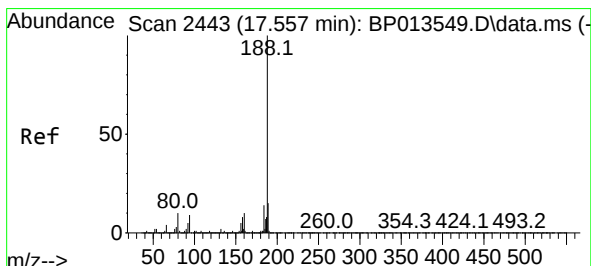
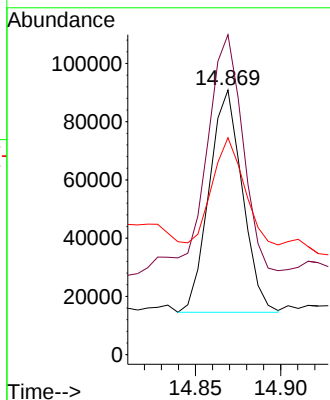
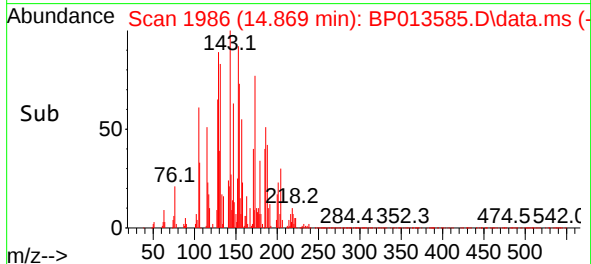
Instrument :
BNA_P
ClientSampleId :
WS-1



Tgt Ion:154 Resp: 103468
Ion Ratio Lower Upper
154 100
153 121.0 89.4 134.0
152 82.0 42.7 64.1

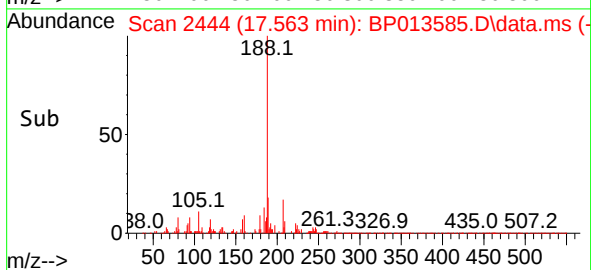
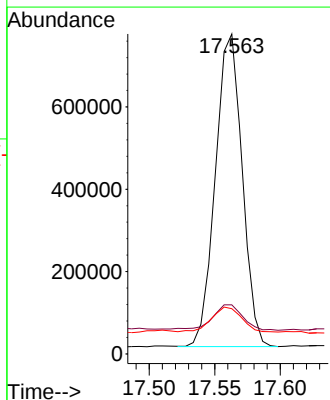
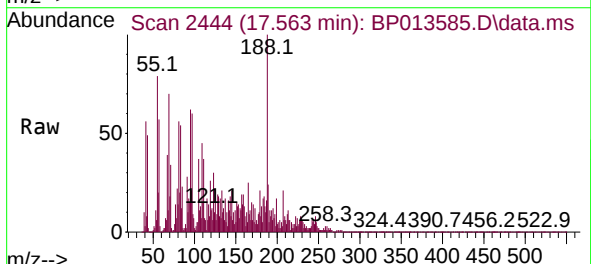
Manual Integrations
APPROVED

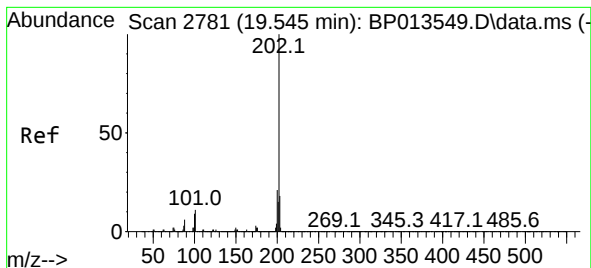
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.563 min Scan# 2444
Delta R.T. 0.012 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

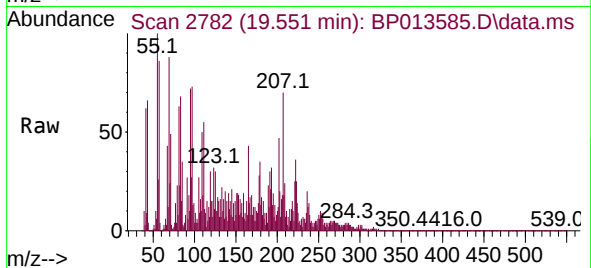
Tgt Ion:188 Resp: 1081870
Ion Ratio Lower Upper
188 100
94 15.3 7.2 10.8#
80 14.1 8.2 12.2#





#75
Fluoranthene
Concen: 4.240 ng
RT: 19.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

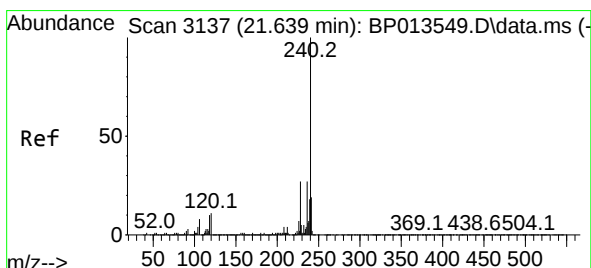
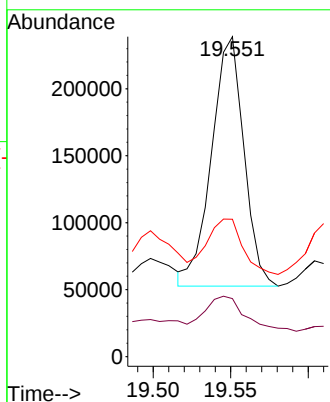
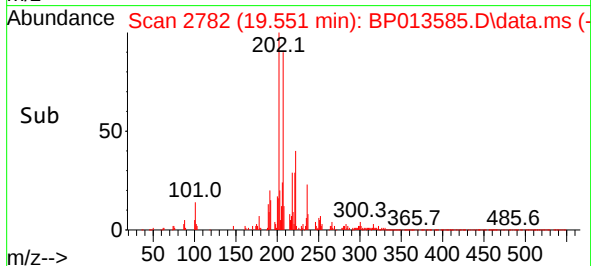
Instrument :
BNA_P
ClientSampleId :
WS-1



Tgt Ion:202 Resp: 27144
Ion Ratio Lower Upper
202 100
101 18.1 0.0 31.4
203 42.9 0.0 37.9

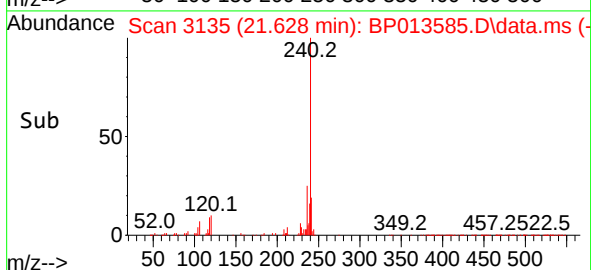
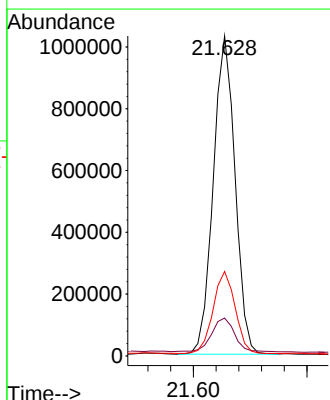
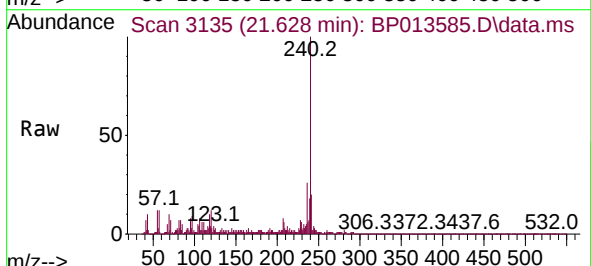
Manual Integrations
APPROVED

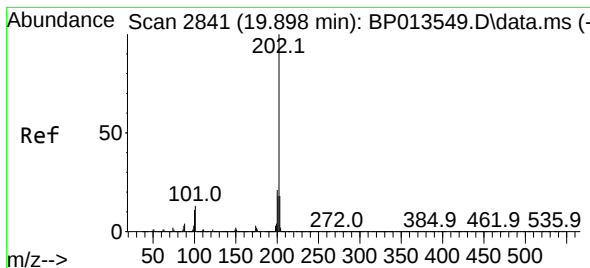
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

Tgt Ion:240 Resp: 1370531
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 26.4 21.3 31.9





#78

Pyrene

Concen: 8.842 ng

RT: 19.904 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP013585.D

Acq: 24 Jan 2023 23:18

Instrument :

BNA_P

ClientSampleId :

WS-1

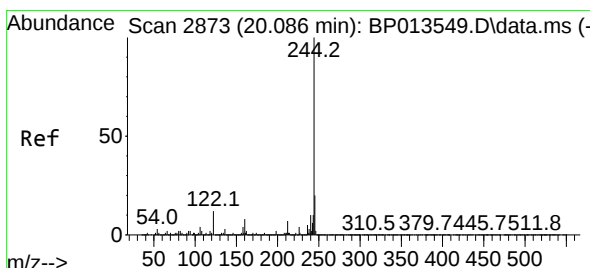
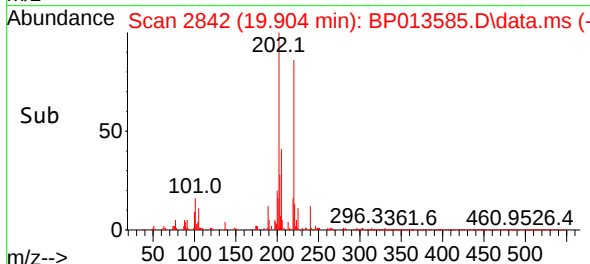
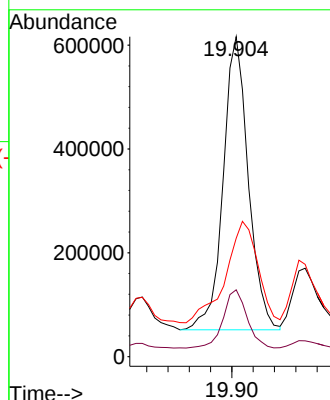
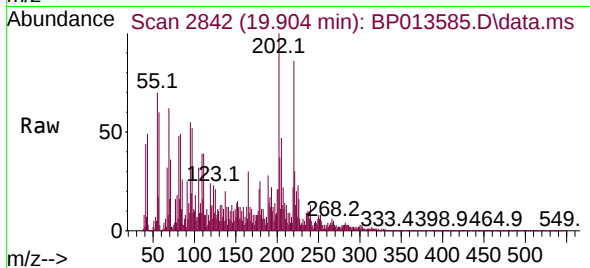
Tgt Ion:	202	Resp:	926644
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	37.0	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#79

Terphenyl-d14

Concen: 74.223 ng

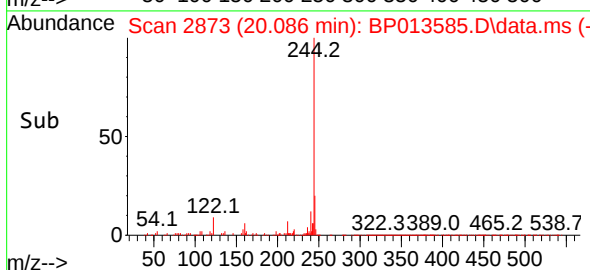
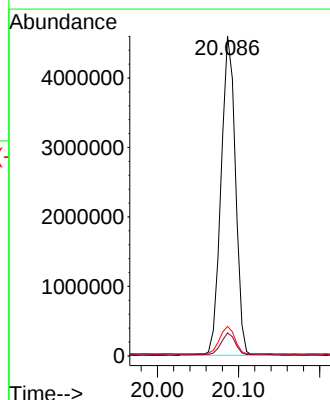
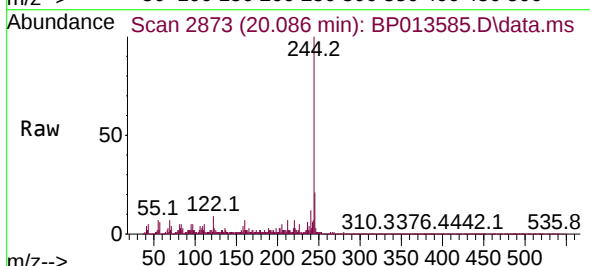
RT: 20.086 min Scan# 2873

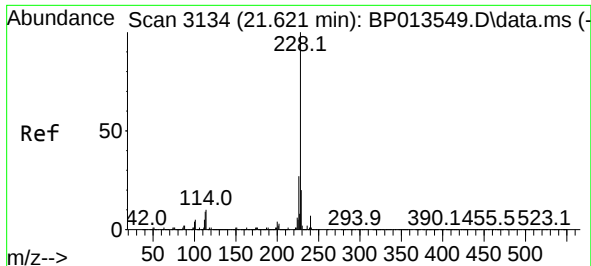
Delta R.T. 0.006 min

Lab File: BP013585.D

Acq: 24 Jan 2023 23:18

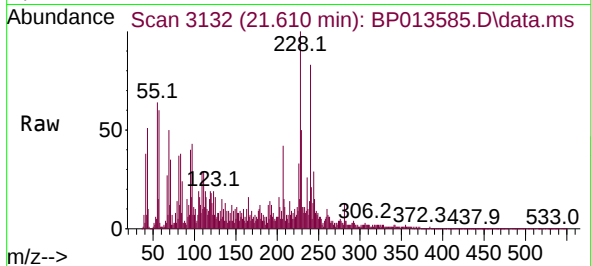
Tgt Ion:	244	Resp:	5654558
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.2
122	9.2	9.2	13.8





#81
Benzo(a)anthracene
Concen: 2.665 ng
RT: 21.610 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

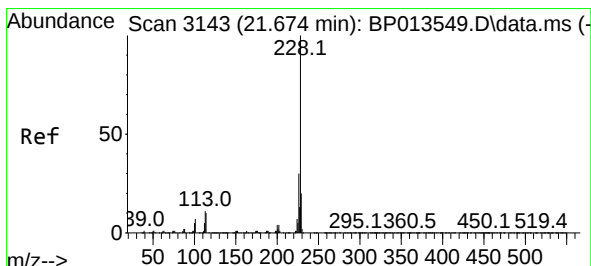
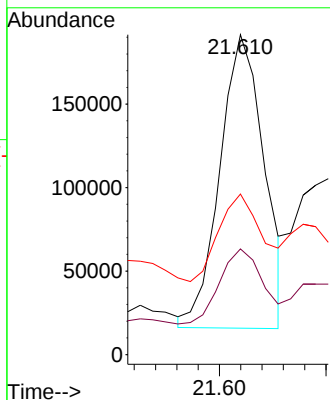
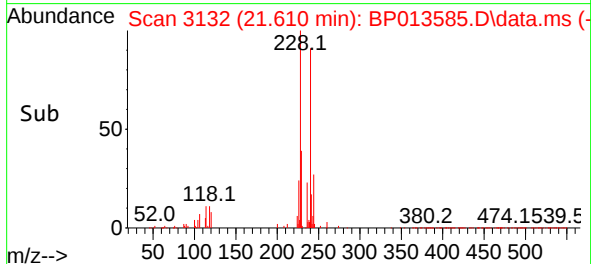
Instrument :
BNA_P
ClientSampleId :
WS-1



Tgt Ion:228 Resp: 254463
Ion Ratio Lower Upper
228 100
226 33.0 21.8 32.8
229 50.2 15.8 23.6

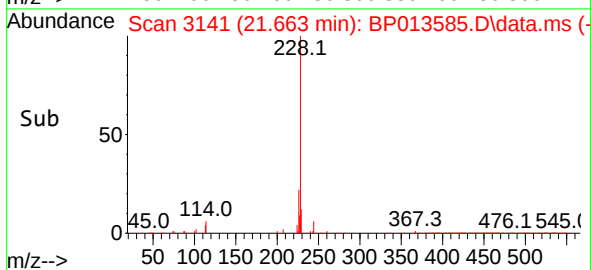
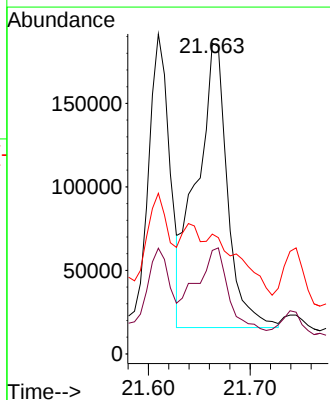
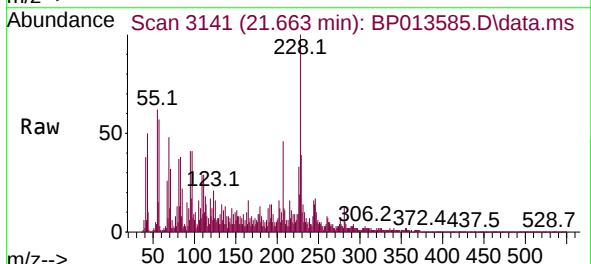
Manual Integrations
APPROVED

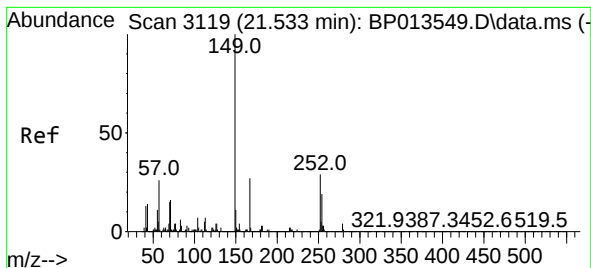
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#83
Chrysene
Concen: 3.938 ng m
RT: 21.663 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

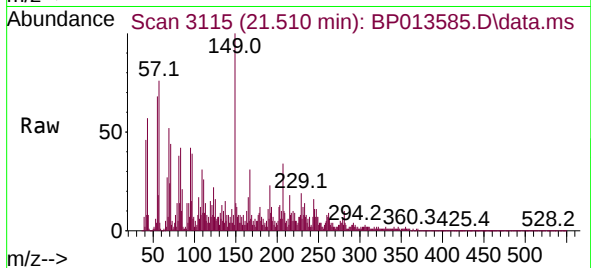
Tgt Ion:228 Resp: 359657
Ion Ratio Lower Upper
228 100
226 33.3 24.1 36.1
229 38.5 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.791 ng
RT: 21.510 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

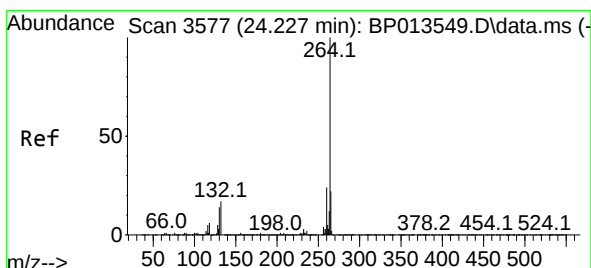
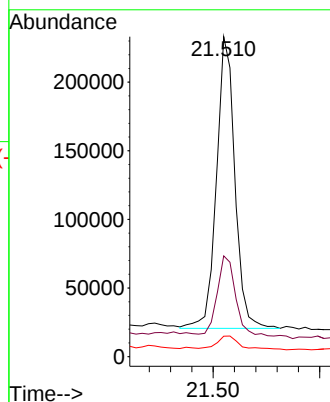
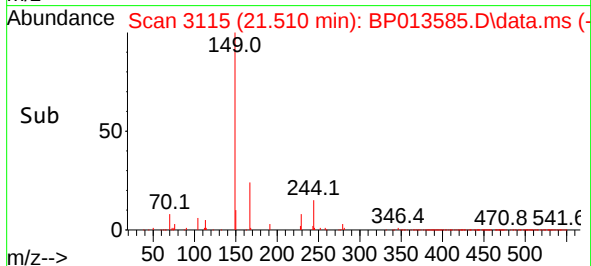
Instrument :
BNA_P
ClientSampleId :
WS-1



Tgt Ion:149 Resp: 255812
Ion Ratio Lower Upper
149 100
167 31.5 22.0 33.0
279 6.4 3.5 5.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.210 min Scan# 3574
Delta R.T. -0.006 min
Lab File: BP013585.D
Acq: 24 Jan 2023 23:18

Tgt Ion:264 Resp: 1650746
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.2 17.4 26.2

