

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
 Data File : BP008912.D
 Acq On : 25 Jan 2022 17:42
 Operator : CG/JU
 Sample : N1245-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(3-3.5)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2022
 Supervised By : Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 01:58:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	214441	20.000	ng	0.00	
21) Naphthalene-d8	10.634	136	787676	20.000	ng	0.00	
39) Acenaphthene-d10	14.475	164	494566	20.000	ng	0.00	
64) Phenanthrene-d10	17.233	188	1024634	20.000	ng	0.00	
76) Chrysene-d12	21.322	240	1113980	20.000	ng	-0.01	
86) Perylene-d12	23.739	264	1286957	20.000	ng	-0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1599109	115.318	ng	0.00	
7) Phenol-d6	7.016	99	1935434	115.259	ng	0.00	
23) Nitrobenzene-d5	8.993	82	1166438	84.074	ng	0.00	
42) 2,4,6-Tribromophenol	15.969	330	868759	120.679	ng	-0.01	
45) 2-Fluorobiphenyl	13.098	172	2801537	74.702	ng	0.00	
79) Terphenyl-d14	19.792	244	4187729	63.454	ng	-0.01	
Target Compounds							
75) Fluoranthene	19.245	202	217429	3.389	ng		Qvalue 97
78) Pyrene	19.598	202	203603	2.619	ng		98
81) Benzo(a)anthracene	21.310	228	171458	2.288	ng		99
83) Chrysene	21.357	228	167978m	2.312	ng		
88) Benzo(b)fluoranthene	23.004	252	231153	2.690	ng	#	95

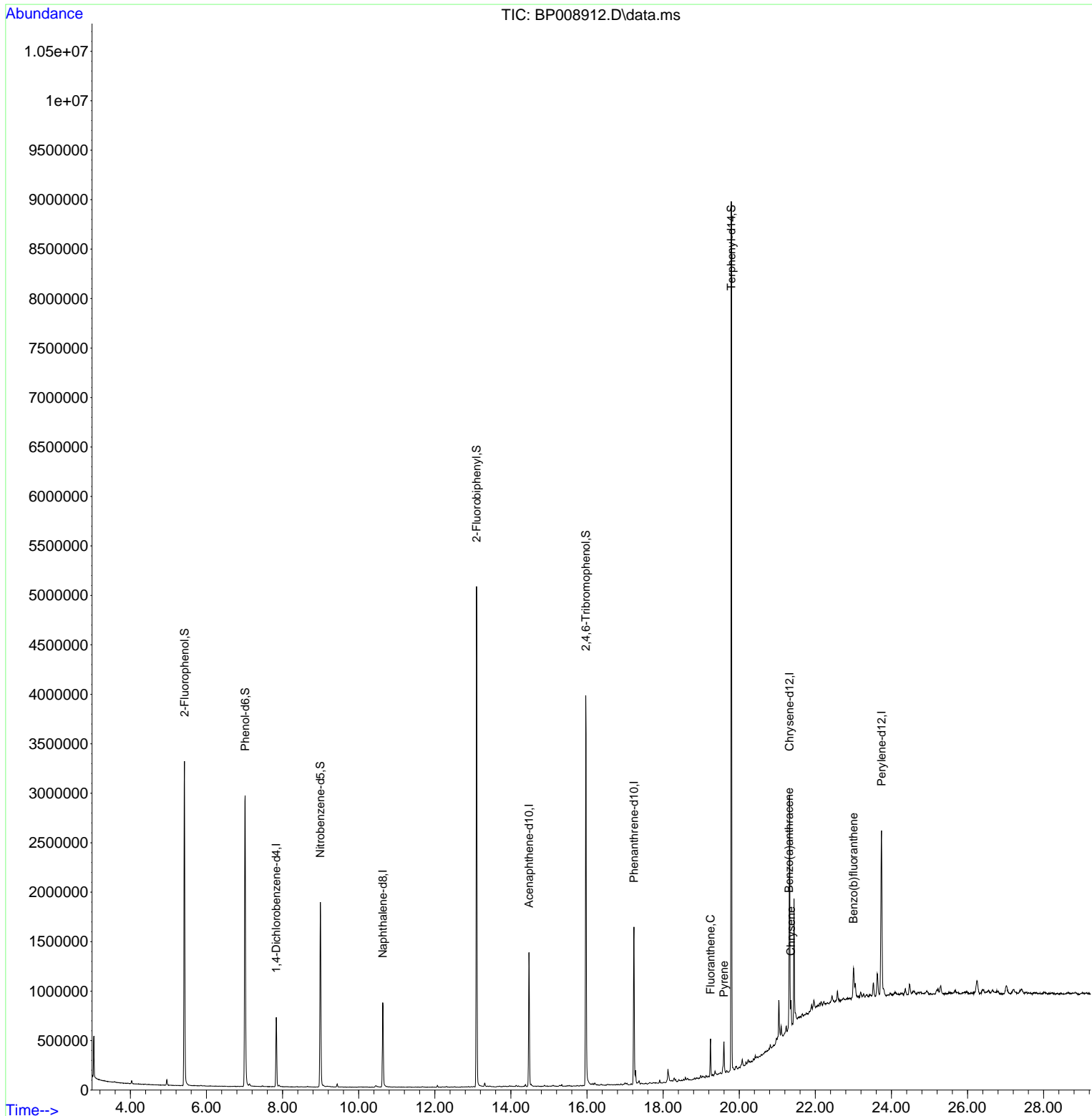
(#) = qualifier out of range (m) = manual integration (+) = signals summed

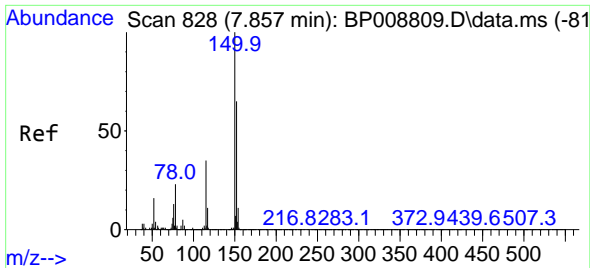
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
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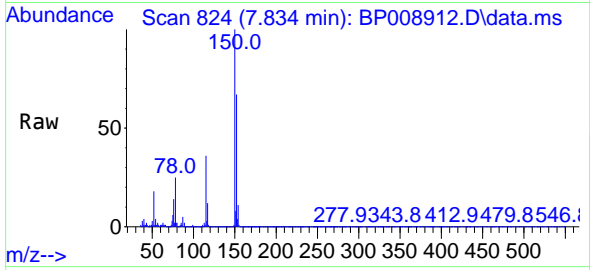
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.834 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

Instrument :

BNA_P

Client Sample Id :

SB-3(3-3.5)

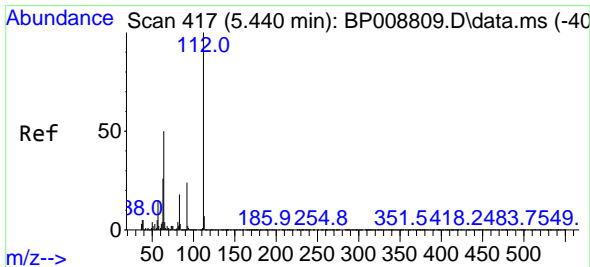
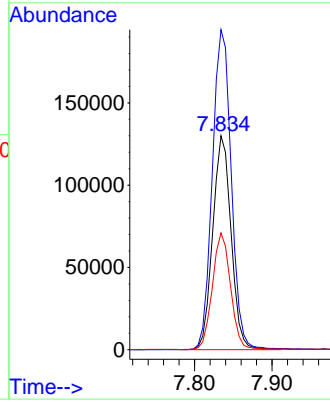
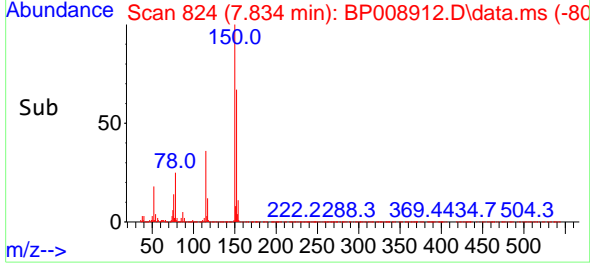


Tgt Ion:152 Resp: 21444
 Ion Ratio Lower Upper
 152 100
 150 149.6 127.0 190.6
 115 54.6 43.7 65.5

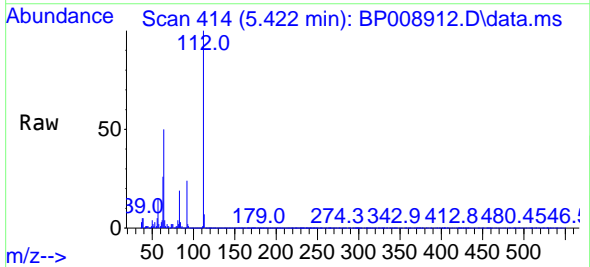
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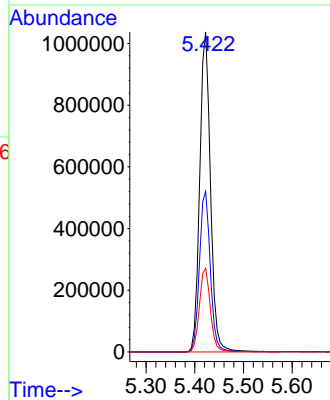
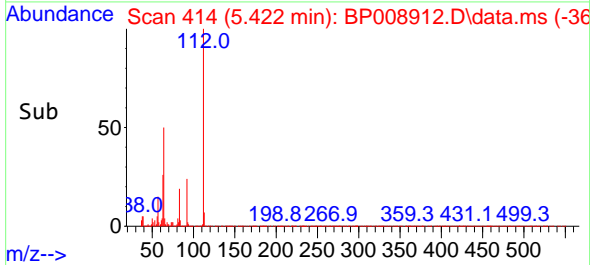
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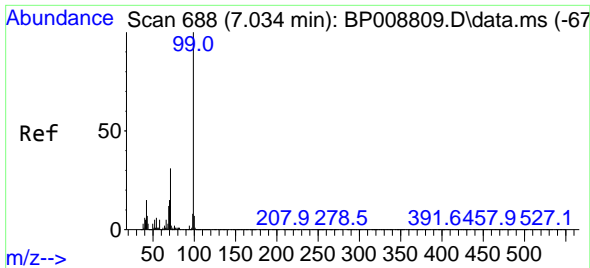


#5
 2-Fluorophenol
 Concen: 115.318 ng
 RT: 5.422 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42



Tgt Ion:112 Resp: 1599109
 Ion Ratio Lower Upper
 112 100
 64 50.1 39.7 59.5
 63 26.2 20.0 30.0





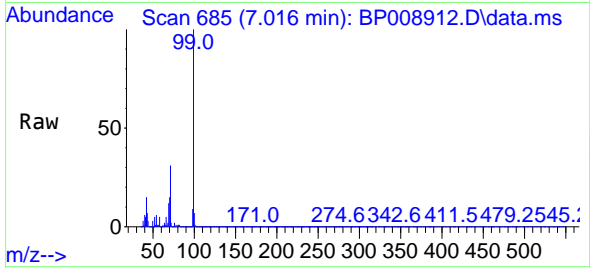
#7
Phenol-d6
Concen: 115.259 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Instrument :

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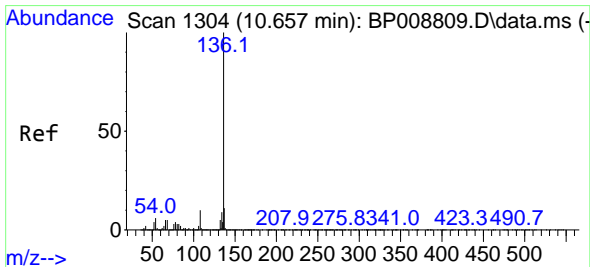
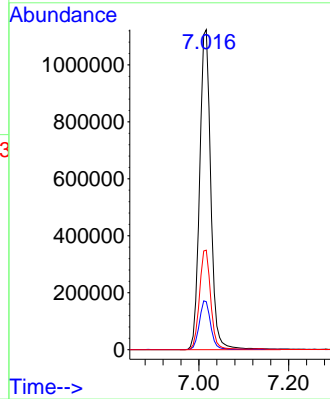
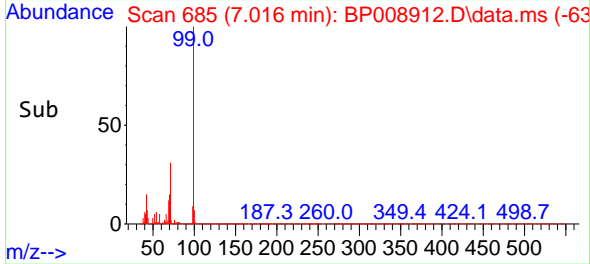


Tgt Ion: 99 Resp: 1935434
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.1 23.8 35.6

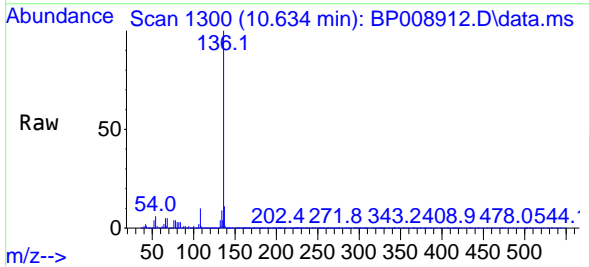
Manual Integrations

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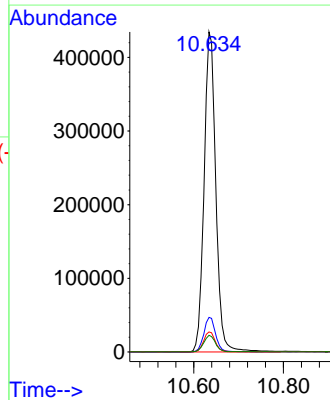
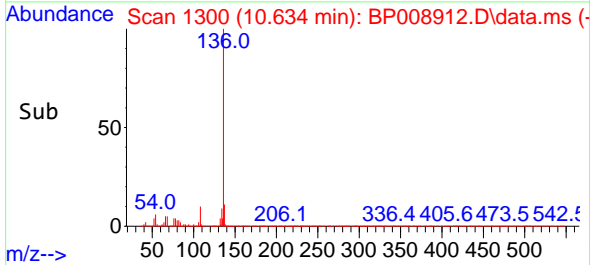
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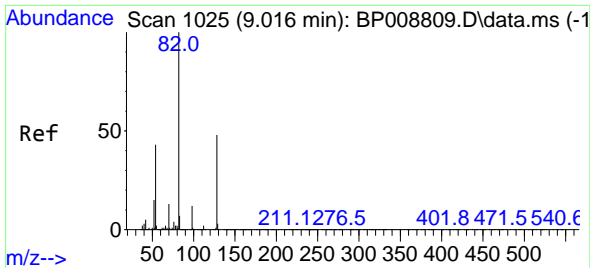


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42



Tgt Ion:136 Resp: 787676
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.3 4.9 7.3
68 5.2 4.3 6.5





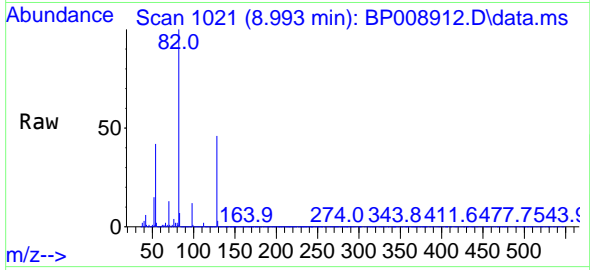
#23
 Nitrobenzene-d5
 Concen: 84.074 ng
 RT: 8.993 min Scan# 1021
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

Instrument :

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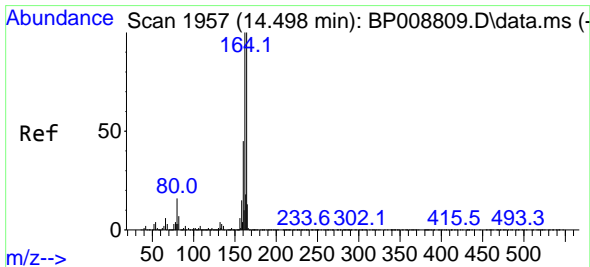
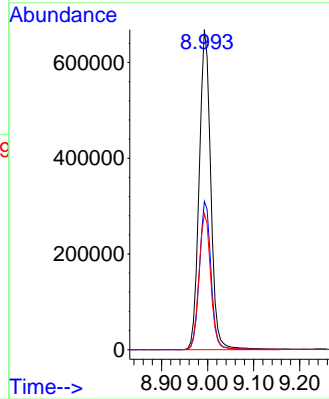
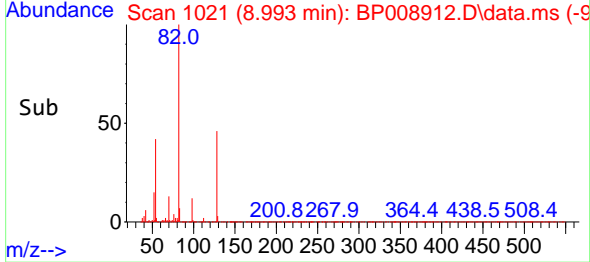


Tgt Ion: 82 Resp: 1166438
 Ion Ratio Lower Upper
 82 100
 128 46.3 39.4 59.2
 54 42.5 32.6 48.8

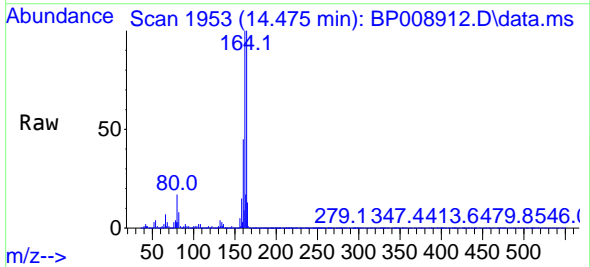
Manual Integrations

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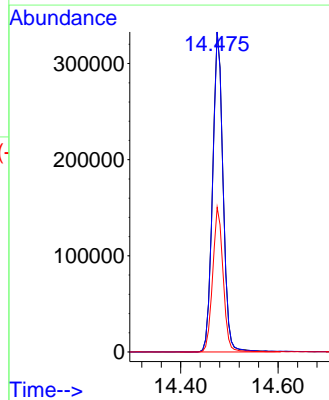
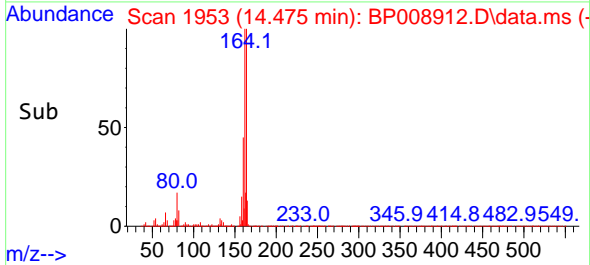
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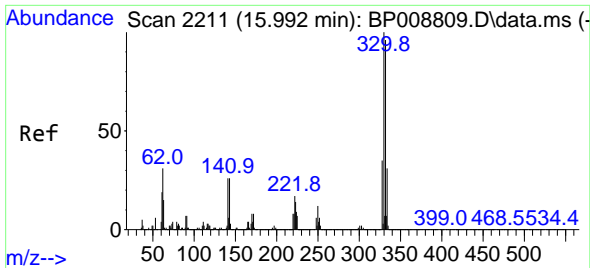


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.475 min Scan# 1953
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42



Tgt Ion:164 Resp: 494566
 Ion Ratio Lower Upper
 164 100
 162 100.0 79.9 119.9
 160 45.2 35.5 53.3





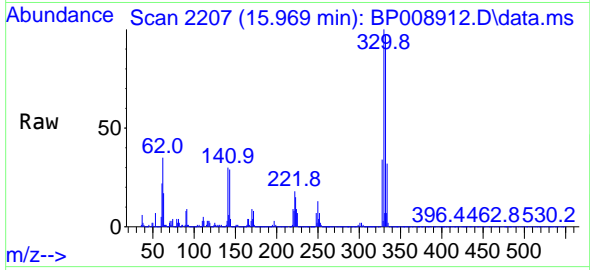
#42
 2,4,6-Tribromophenol
 Concen: 120.679 ng
 RT: 15.969 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

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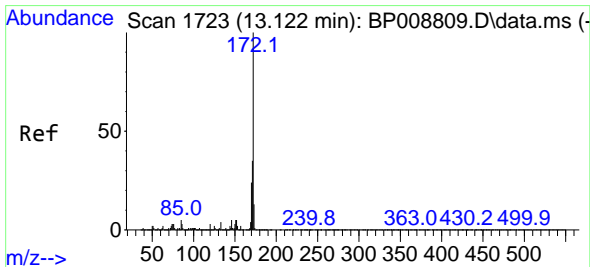
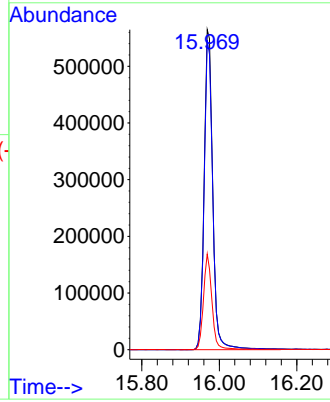
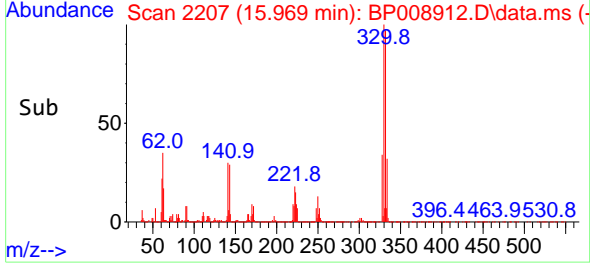


Tgt Ion:330 Resp: 86875
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.4
 141 29.3 21.3 31.9

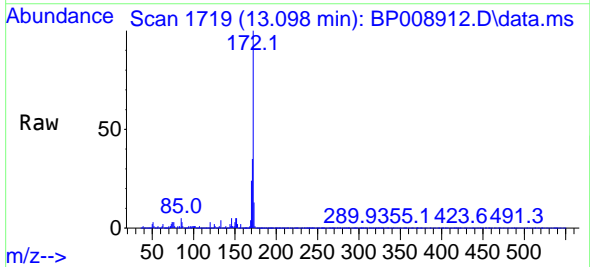
Manual Integrations

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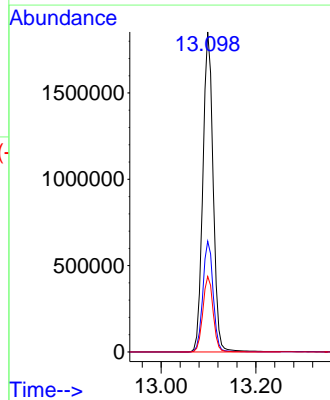
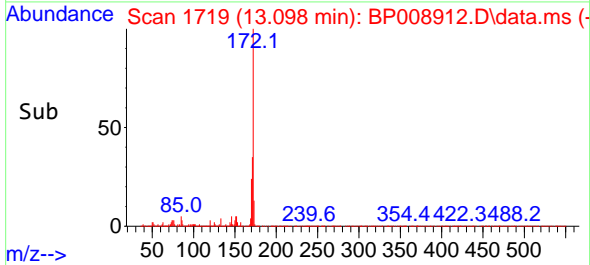
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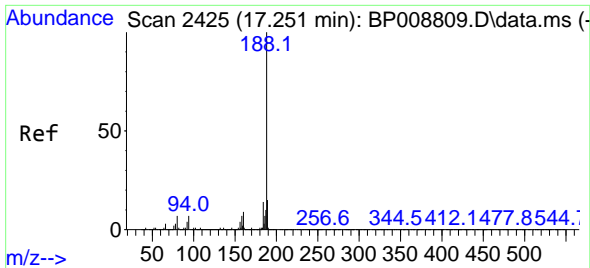


#45
 2-Fluorobiphenyl
 Concen: 74.702 ng
 RT: 13.098 min Scan# 1719
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42



Tgt Ion:172 Resp: 2801537
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.3 43.9
 170 23.6 19.5 29.3





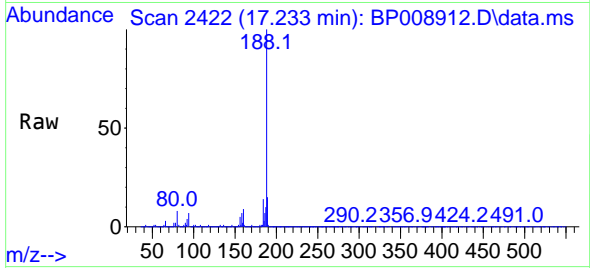
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.233 min Scan# 2425
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

Instrument :

BNA_P

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SB-3(3-3.5)

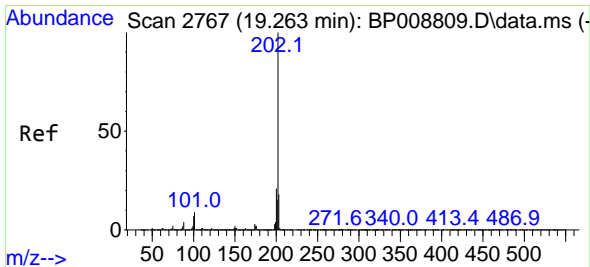
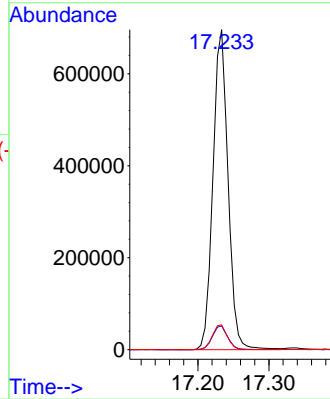
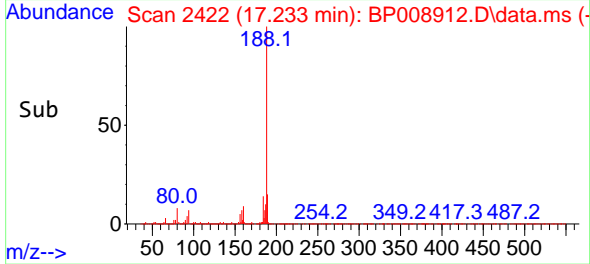


Tgt Ion:188 Resp: 1024634
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.8 10.2
 80 7.7 7.2 10.8

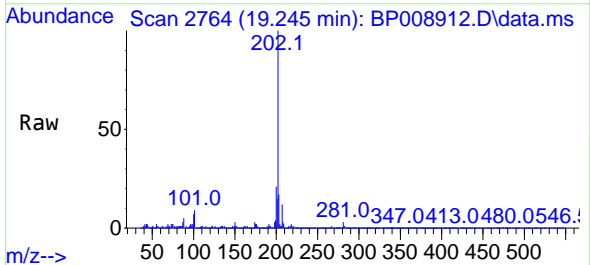
Manual Integrations

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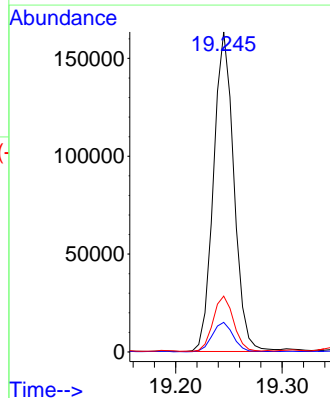
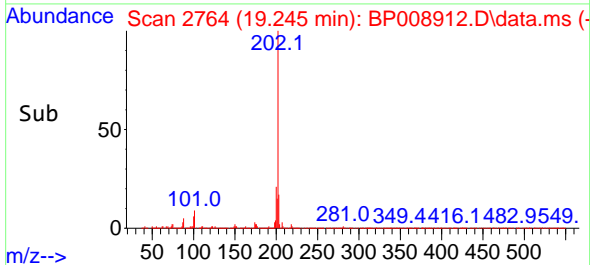
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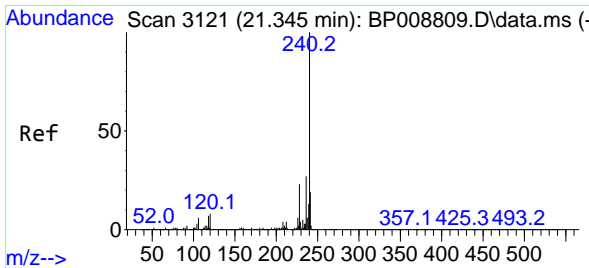


#75
 Fluoranthene
 Concen: 3.389 ng
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42



Tgt Ion:202 Resp: 217429
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 30.7
 203 17.5 0.0 38.9





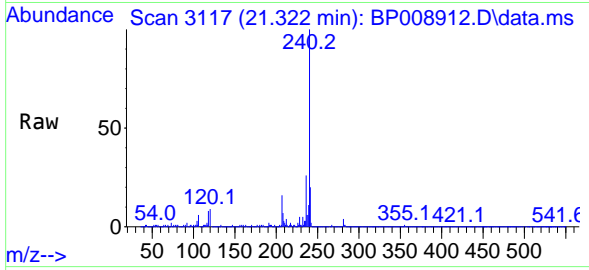
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.322 min Scan# 3117
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

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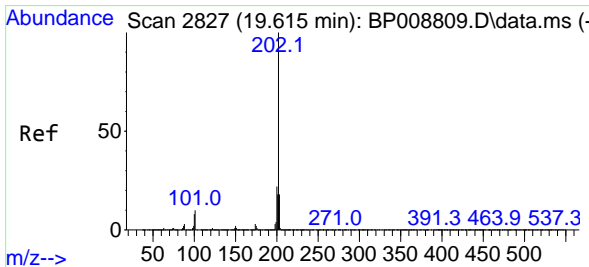
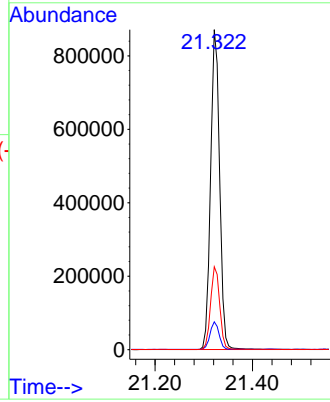
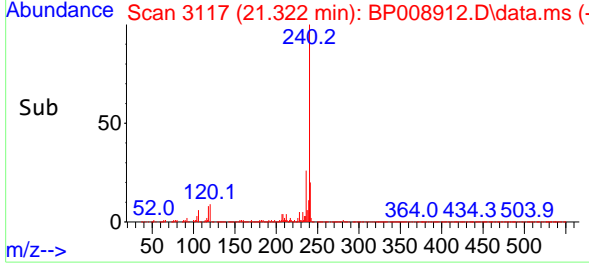


Tgt Ion: 240 Resp: 1113980
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.7 11.5
 236 25.9 21.2 31.8

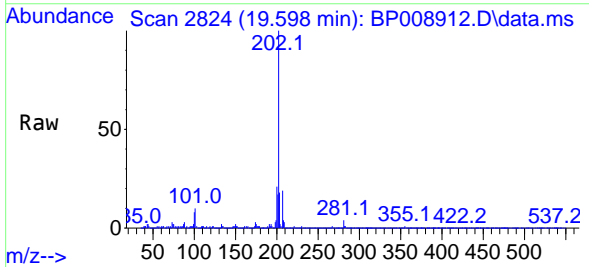
Manual Integrations

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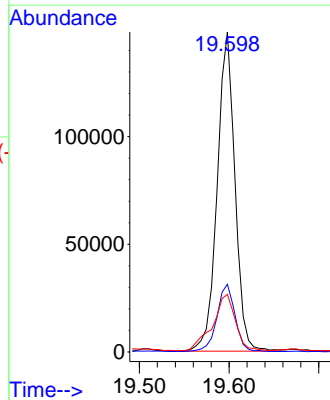
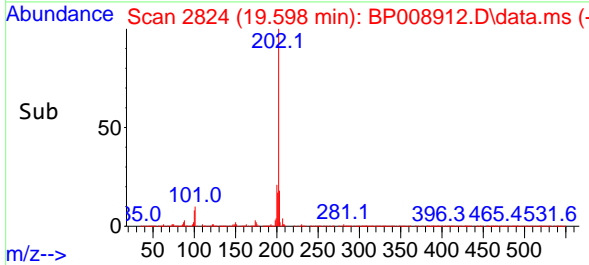
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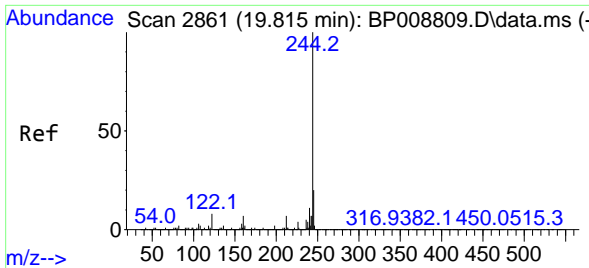


#78
 Pyrene
 Concen: 2.619 ng
 RT: 19.598 min Scan# 2824
 Delta R.T. -0.006 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42



Tgt Ion: 202 Resp: 203603
 Ion Ratio Lower Upper
 202 100
 200 21.2 18.0 27.0
 203 18.0 15.0 22.6





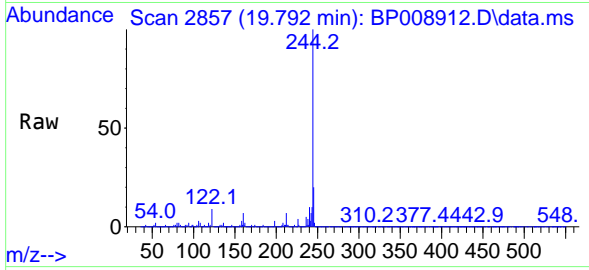
#79
 Terphenyl-d14
 Concen: 63.454 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

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SB-3(3-3.5)

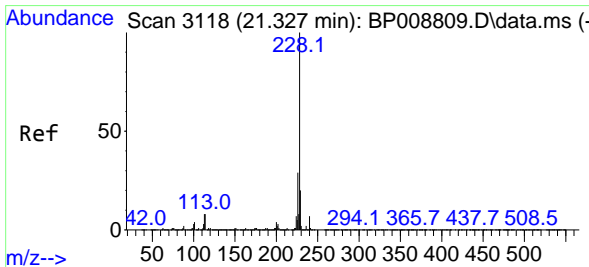
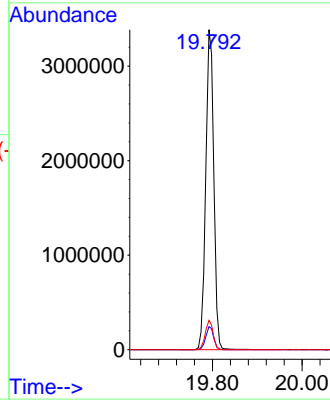
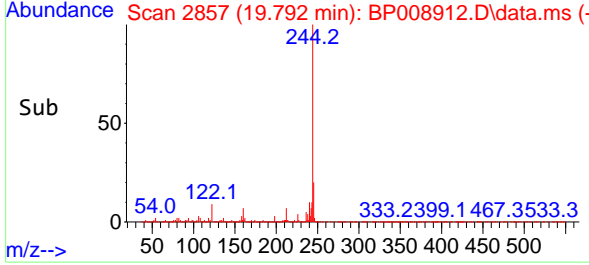


Tgt Ion:244 Resp: 4187729
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 9.1 9.2 13.8

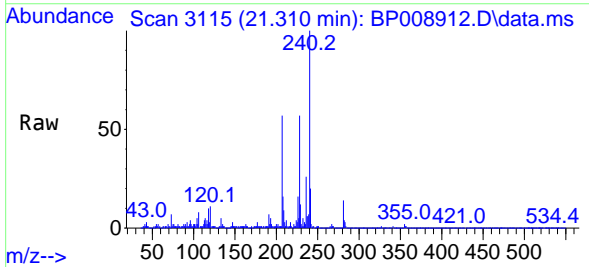
Manual Integrations

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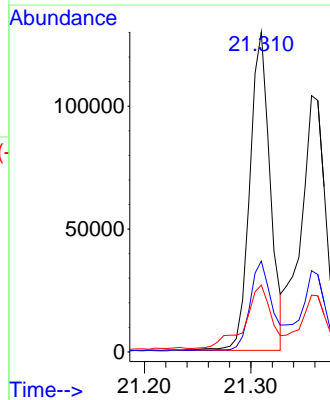
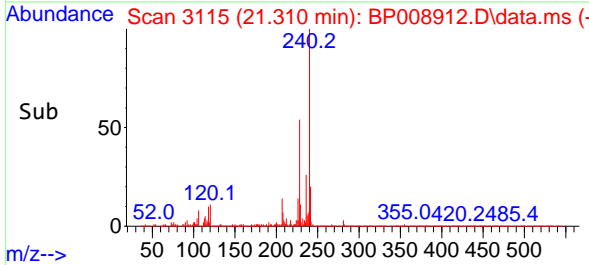
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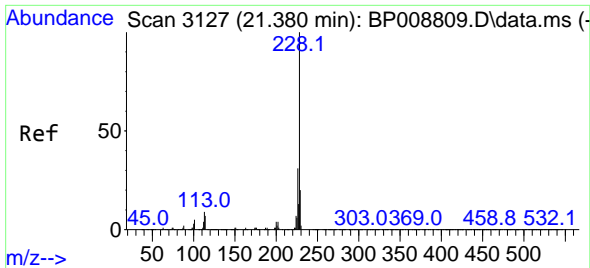


#81
 Benzo(a)anthracene
 Concen: 2.288 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42



Tgt Ion:228 Resp: 171458
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.3 34.9
 229 20.9 17.0 25.6





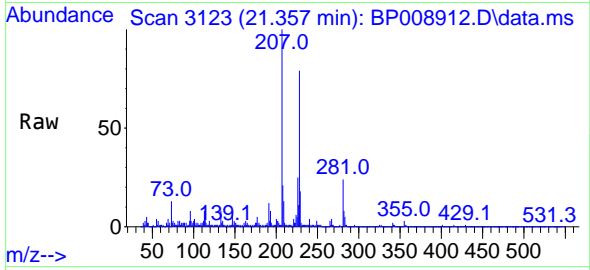
#83
 Chrysene
 Concen: 2.312 ng m
 RT: 21.357 min Scan# 3127
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

Instrument :

BNA_P

ClientSampleId :

SB-3(3-3.5)

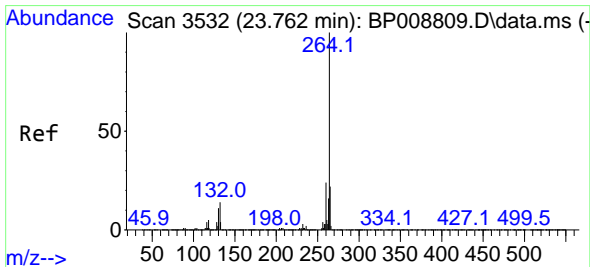
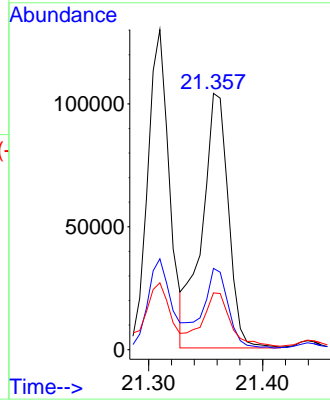
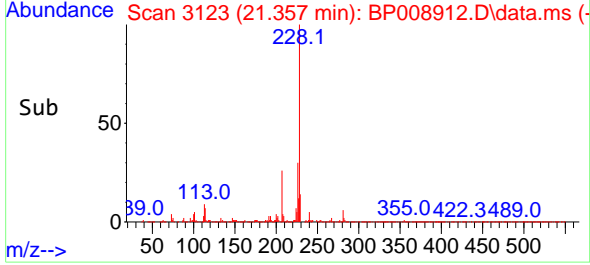


Tgt Ion:228 Resp: 167978
 Ion Ratio Lower Upper
 228 100
 226 31.7 26.0 39.0
 229 22.2 16.9 25.3

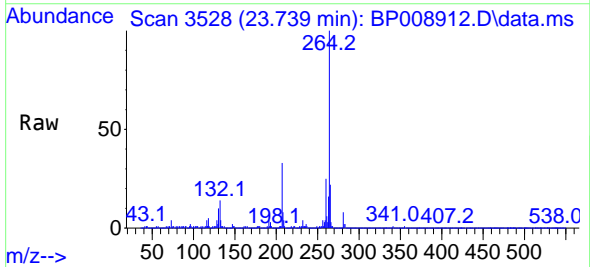
Manual Integrations

APPROVED

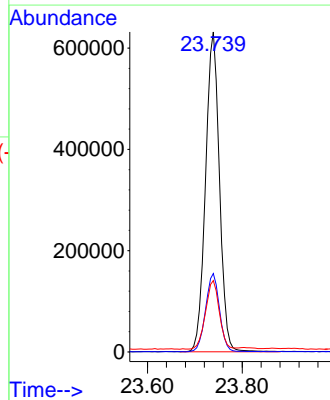
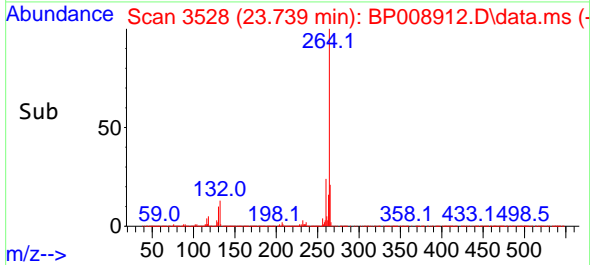
Reviewed By :Christian Giraldo 01/26/2022
 Supervised By :Jagrut Upadhyay 01/26/2022

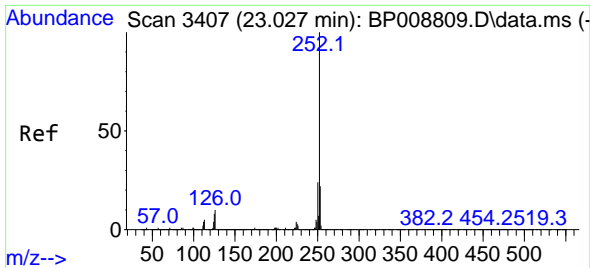


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3528
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42



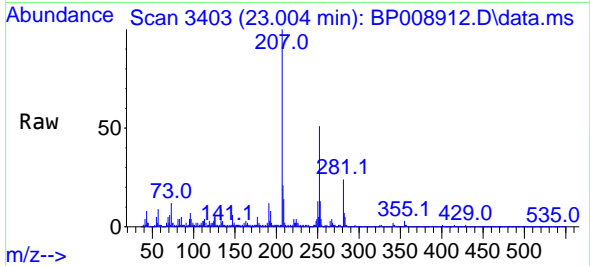
Tgt Ion:264 Resp: 1286957
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.3 17.1 25.7





#88
 Benzo(b)fluoranthene
 Concen: 2.690 ng
 RT: 23.004 min Scan# 3403
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(3-3.5)



Tgt Ion: 252 Resp: 23115
 Ion Ratio Lower Upper
 252 100
 253 24.6 18.0 27.0
 125 10.7 6.9 10.3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2022
 Supervised By : Jagrut Upadhyay 01/26/2022

