

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008073.D
 Acq On : 20 Nov 2021 23:54
 Operator : CG/JU
 Sample : M4766-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26706

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 05:36:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	132350	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	516866	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	310221	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	580059	20.000	ng	# 0.00
76) Chrysene-d12	21.316	240	639235	20.000	ng	0.00
86) Perylene-d12	23.710	264	723189	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	973031	125.663	ng	0.00
7) Phenol-d6	7.005	99	1264044	117.768	ng	0.00
23) Nitrobenzene-d5	8.981	82	851001	74.692	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	455714	116.078	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1723582	86.998	ng	0.00
79) Terphenyl-d14	19.792	244	2305733	70.916	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.028	94	33609	2.923	ng	90
71) Phenanthrene	17.263	178	108724	3.479	ng	# 72
75) Fluoranthene	19.239	202	271186	6.732	ng	92
78) Pyrene	19.592	202	261785	6.031	ng	# 94
81) Benzo(a)anthracene	21.298	228	187072	4.364	ng	97
83) Chrysene	21.351	228	186365m	4.581	ng	
87) Indeno(1,2,3-cd)pyrene	26.192	276	170063	3.389	ng	97
88) Benzo(b)fluoranthene	22.980	252	292979	6.480	ng	# 91
89) Benzo(k)fluoranthene	23.022	252	110824m	2.463	ng	
90) Benzo(a)pyrene	23.598	252	211397	5.578	ng	96
92) Benzo(g,h,i)perylene	26.963	276	169602	4.145	ng	98

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

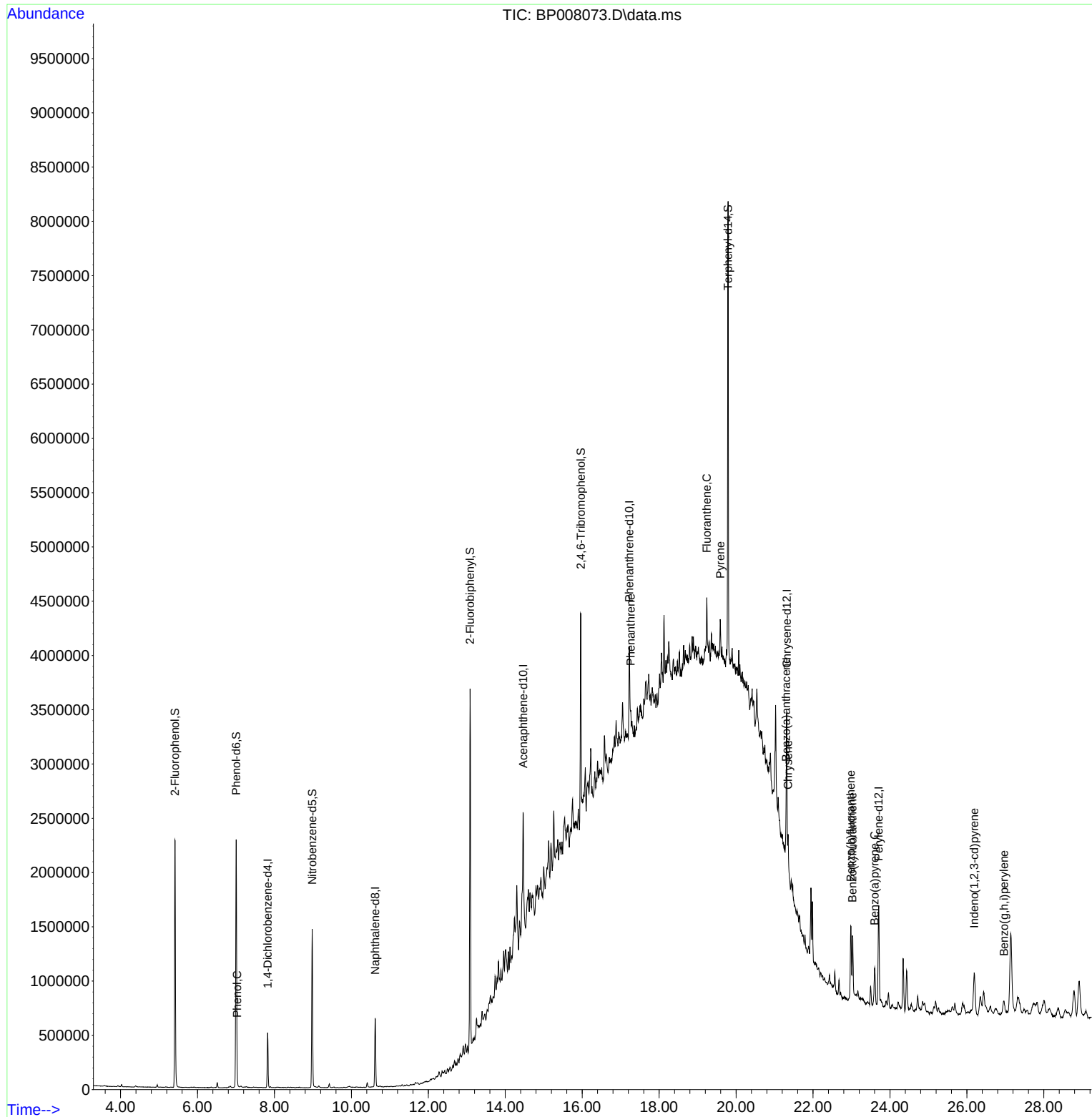
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Data File : BP008073.D
Acq On : 20 Nov 2021 23:54
Operator : CG/JU
Sample : M4766-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

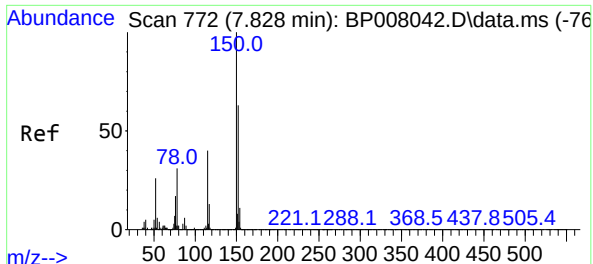
Instrument :
BNA_P
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CHRT-26706

Quant Time: Nov 22 05:36:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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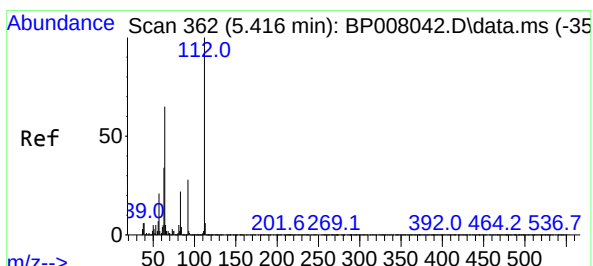
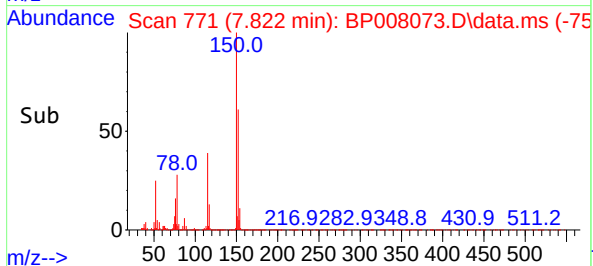
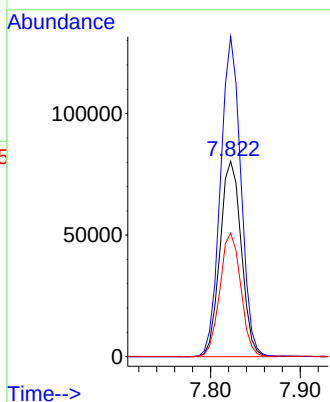
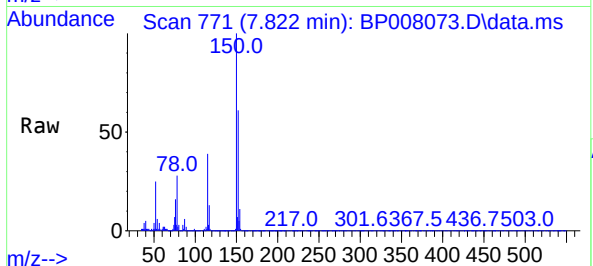
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26706

Tgt Ion:152 Resp: 132350
Ion Ratio Lower Upper
152 100
150 163.8 126.5 189.7
115 63.3 50.6 75.8

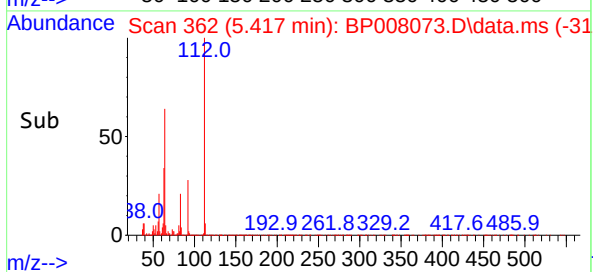
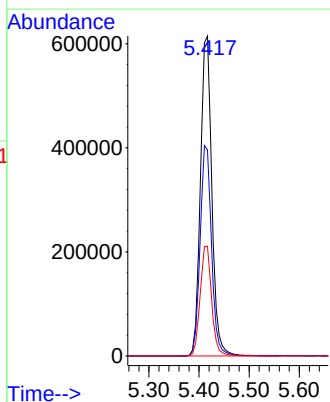
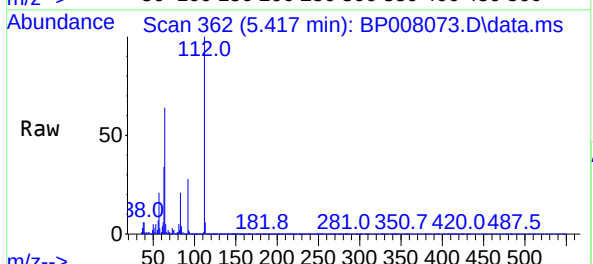
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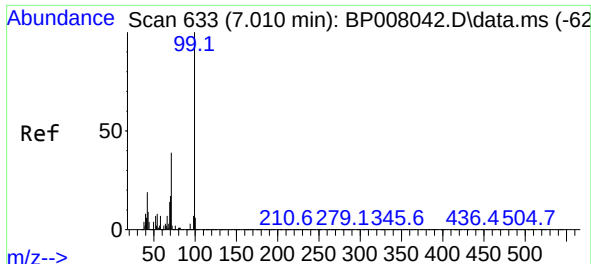
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#5
2-Fluorophenol
Concen: 125.663 ng
RT: 5.417 min Scan# 362
Delta R.T. 0.001 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Tgt Ion:112 Resp: 973031
Ion Ratio Lower Upper
112 100
64 64.4 51.7 77.5
63 34.3 27.4 41.0





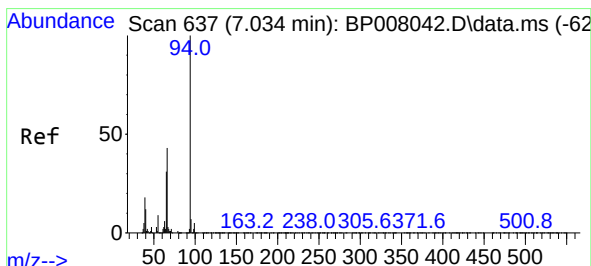
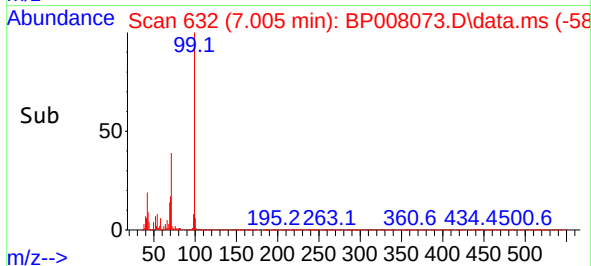
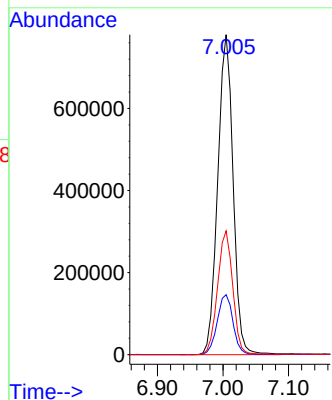
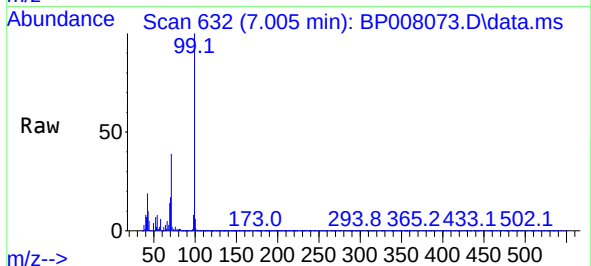
#7
Phenol-d6
Concen: 117.768 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26706

Tgt Ion: 99 Resp: 126404
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.2
71 38.7 31.0 46.6

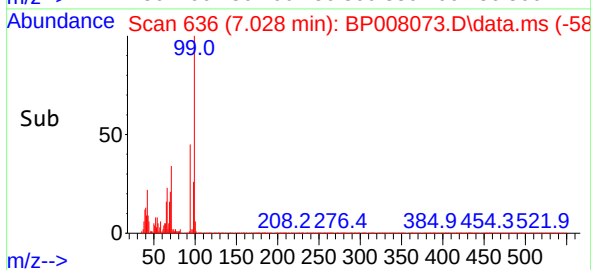
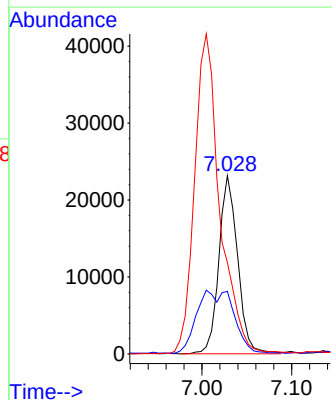
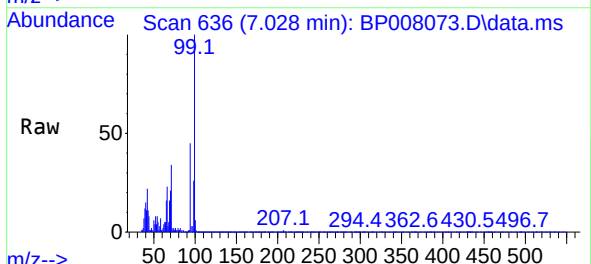
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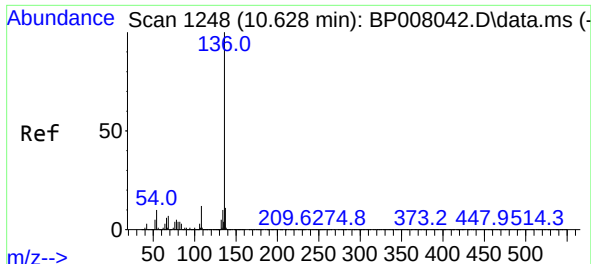
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Supervised By :mohammad ahmed 11/24/2021



#10
Phenol
Concen: 2.923 ng
RT: 7.028 min Scan# 636
Delta R.T. -0.005 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Tgt Ion: 94 Resp: 33609
Ion Ratio Lower Upper
94 100
65 35.1 11.5 51.5
66 51.3 23.5 63.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Instrument :

BNA_P

ClientSampleId :

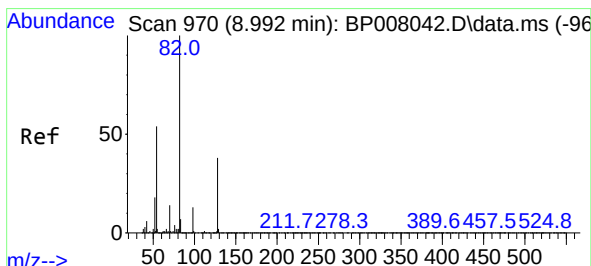
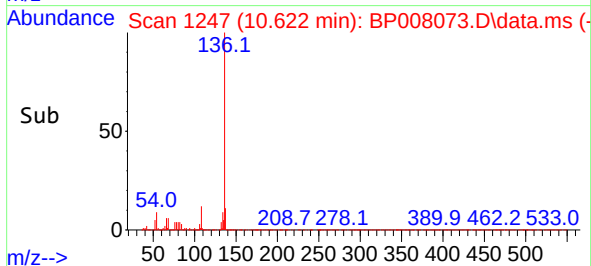
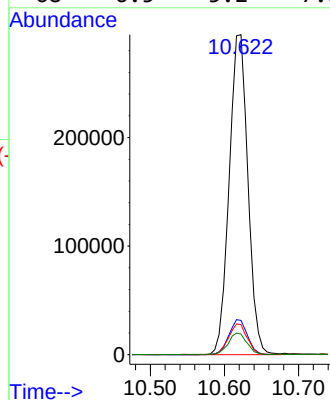
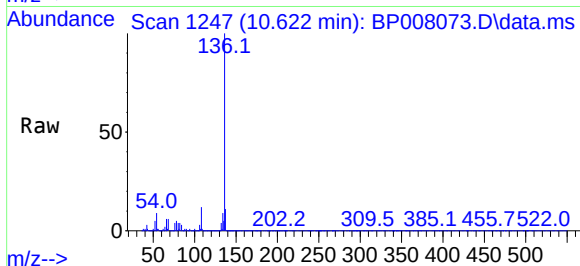
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Tgt Ion:136 Resp: 516860
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.4 8.0 12.0
68 6.5 5.2 7.8

Manual Integrations

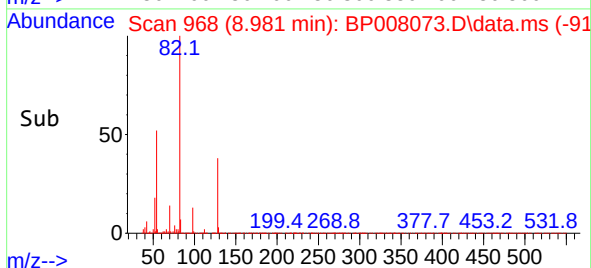
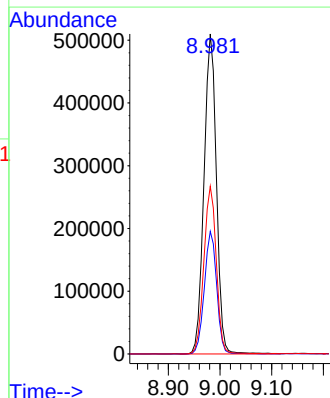
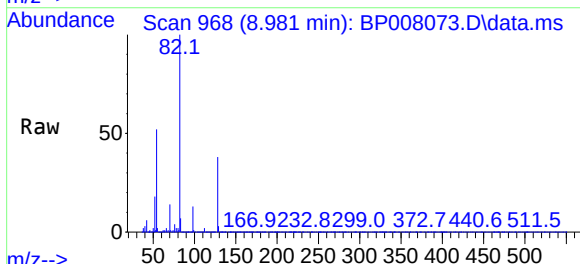
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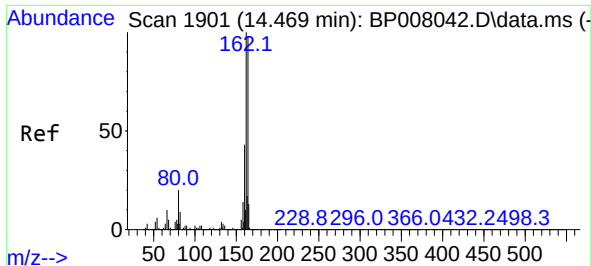
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#23
Nitrobenzene-d5
Concen: 74.692 ng
RT: 8.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Tgt Ion: 82 Resp: 851001
Ion Ratio Lower Upper
82 100
128 38.3 30.2 45.2
54 52.4 43.1 64.7





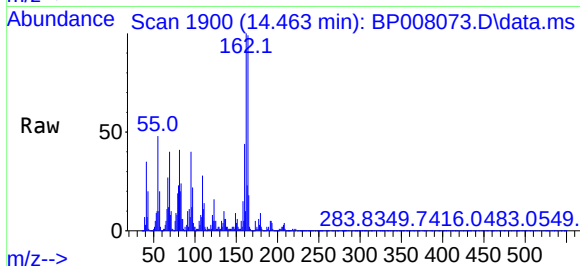
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Instrument :

BNA_P

ClientSampleId :

CHRT-26706

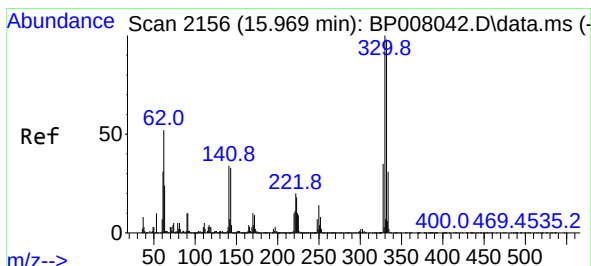
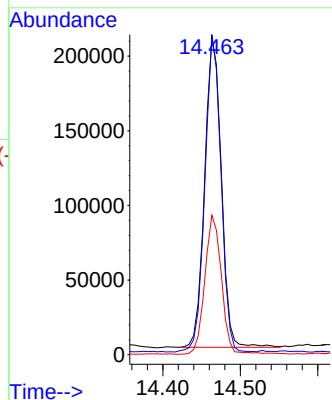
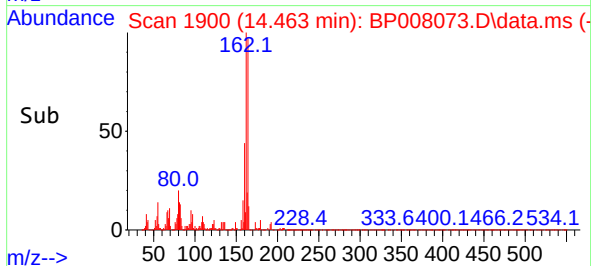


Tgt Ion:164 Resp: 31022
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.8
160 43.9 35.1 52.7

Manual Integrations

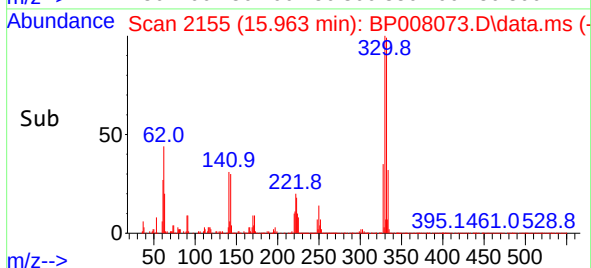
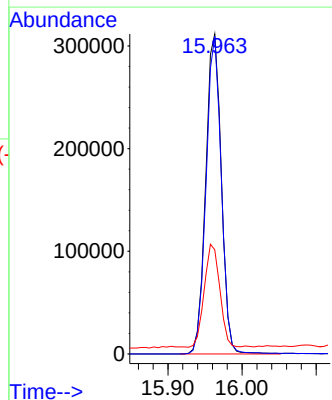
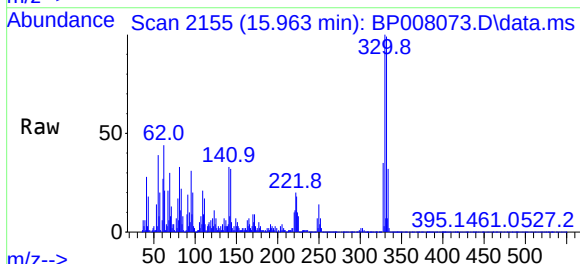
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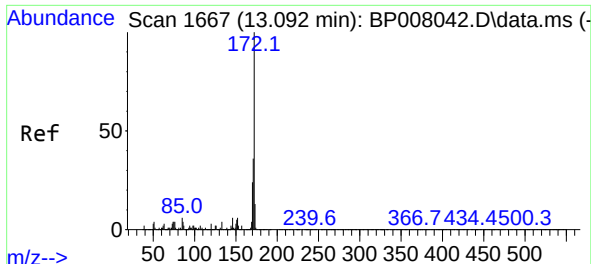
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#42
2,4,6-Tribromophenol
Concen: 116.078 ng
RT: 15.963 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Tgt Ion:330 Resp: 455714
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 32.2 29.6 44.4





#45
2-Fluorobiphenyl
Concen: 86.998 ng
RT: 13.087 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Instrument :

BNA_P

ClientSampleId :

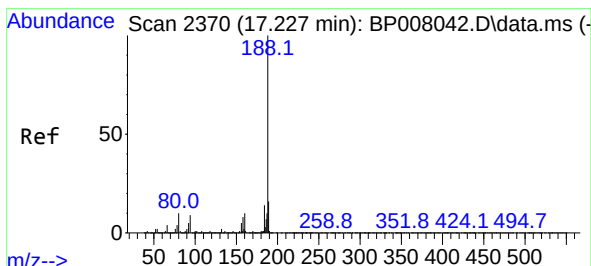
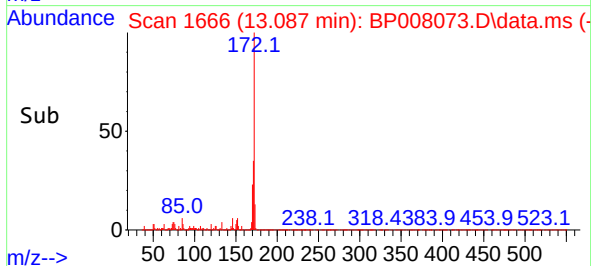
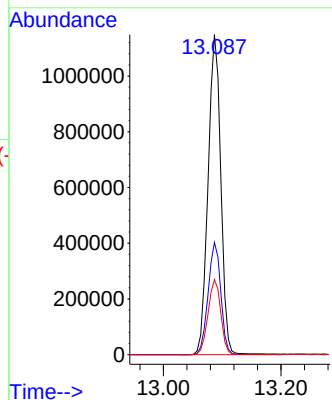
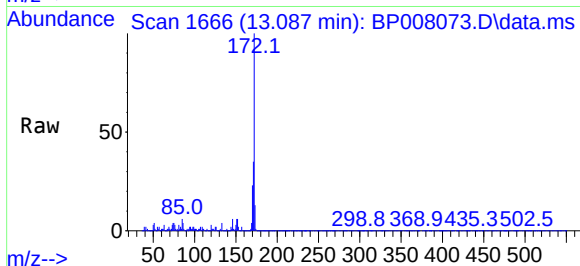
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Tgt Ion:172 Resp: 172358
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.5 19.0 28.4

Manual Integrations

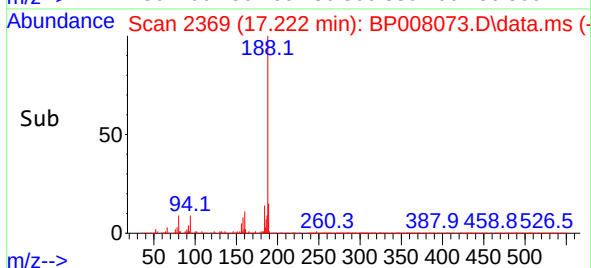
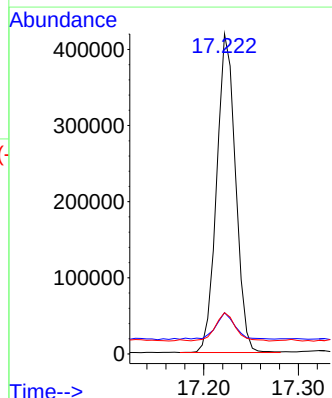
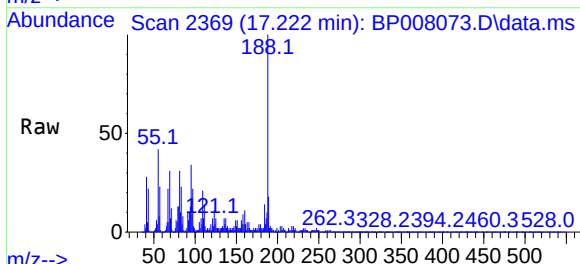
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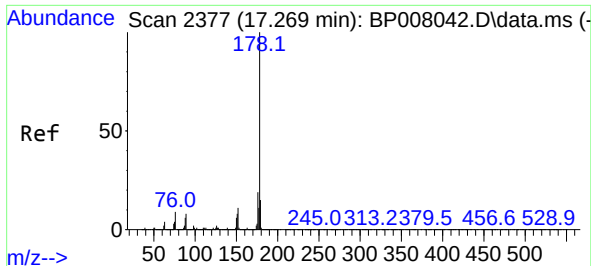
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Supervised By :mohammad ahmed 11/24/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2369
Delta R.T. -0.005 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

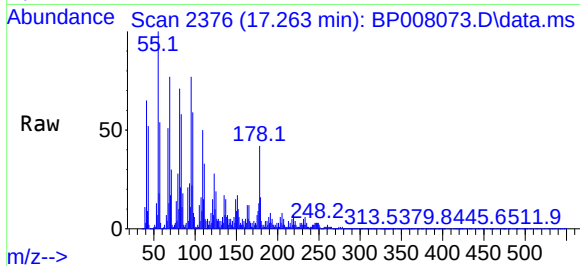
Tgt Ion:188 Resp: 580059
Ion Ratio Lower Upper
188 100
94 12.9 7.1 10.7#
80 12.9 8.1 12.1#





#71
Phenanthrene
Concen: 3.479 ng
RT: 17.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

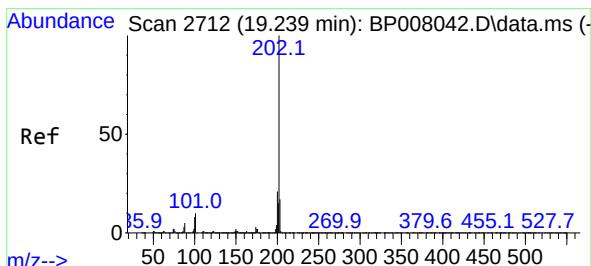
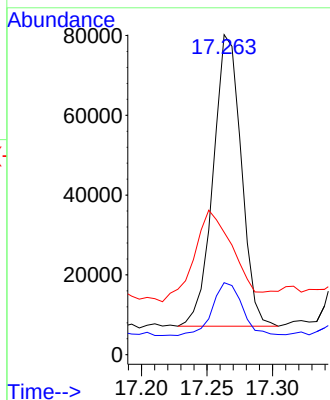
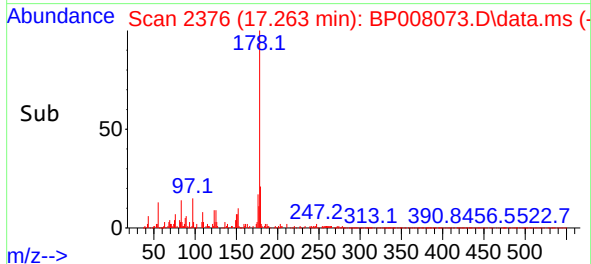
Instrument :
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ClientSampleId :
CHRT-26706



Tgt Ion:178 Resp: 108724
Ion Ratio Lower Upper
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176 22.5 15.6 23.4
179 38.2 12.4 18.6

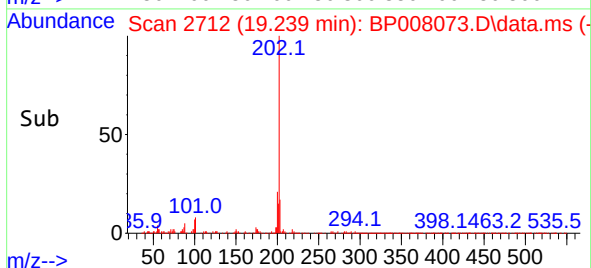
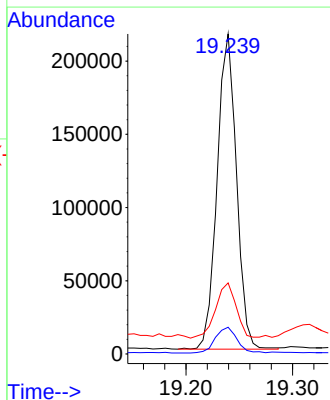
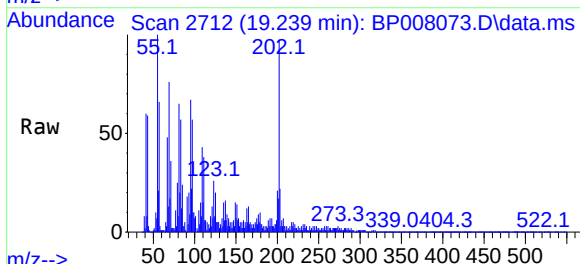
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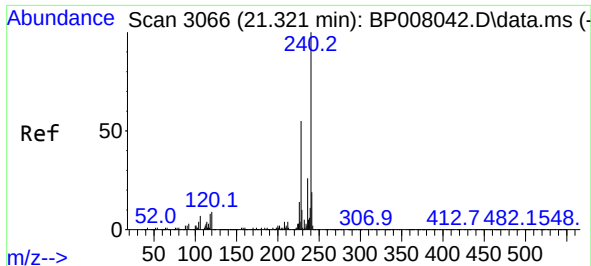
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#75
Fluoranthene
Concen: 6.732 ng
RT: 19.239 min Scan# 2712
Delta R.T. 0.000 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

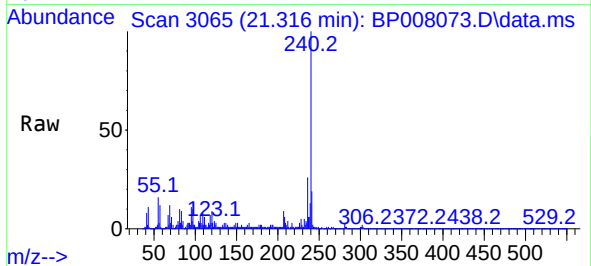
Tgt Ion:202 Resp: 271186
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.5
203 22.2 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3066
Delta R.T. -0.005 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

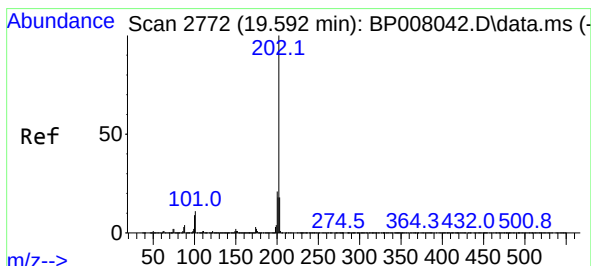
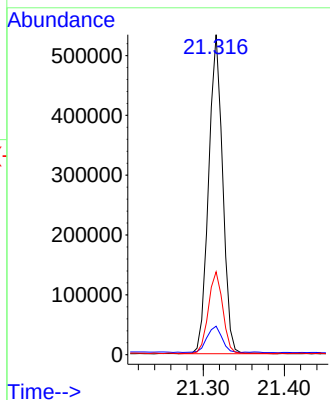
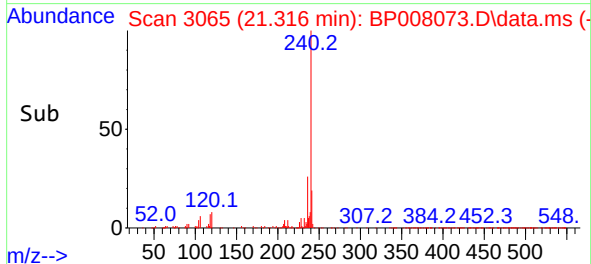
Instrument :
BNA_P
ClientSampleId :
CHRT-26706



Tgt Ion:240 Resp: 639235
Ion Ratio Lower Upper
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120 8.9 7.4 11.2
236 25.9 21.0 31.4

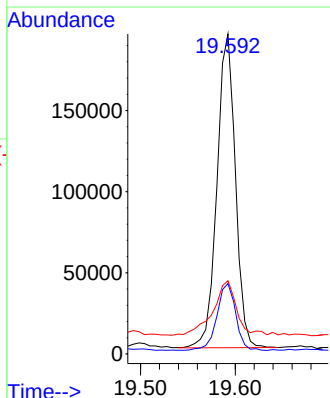
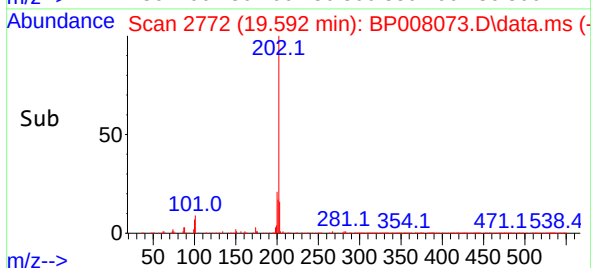
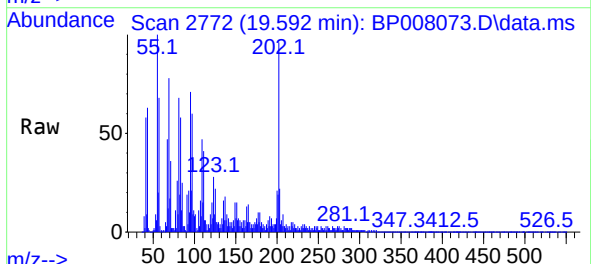
Manual Integrations
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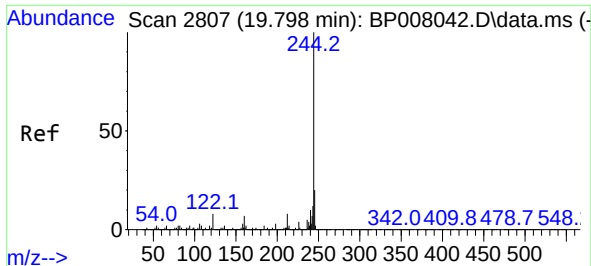
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#78
Pyrene
Concen: 6.031 ng
RT: 19.592 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Tgt Ion:202 Resp: 261785
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 22.9 14.2 21.2





#79
 Terphenyl-d14
 Concen: 70.916 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008073.D
 Acq: 20 Nov 2021 23:54

Instrument :

BNA_P

ClientSampleId :

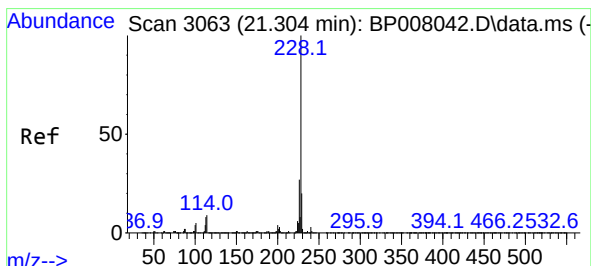
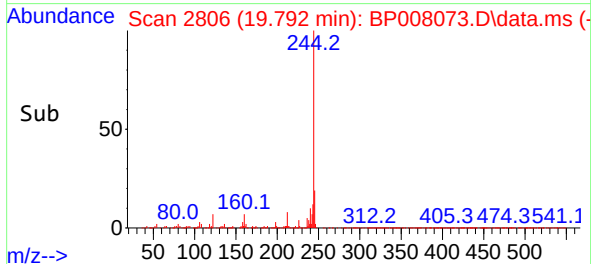
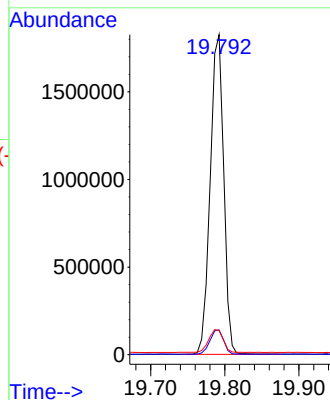
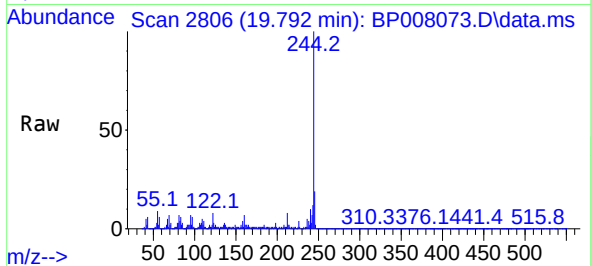
CHRT-26706

Tgt Ion:244 Resp: 230573
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.6 6.1 9.1

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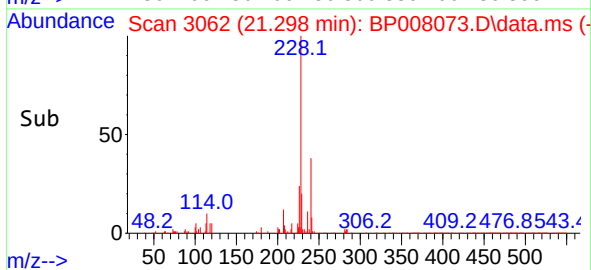
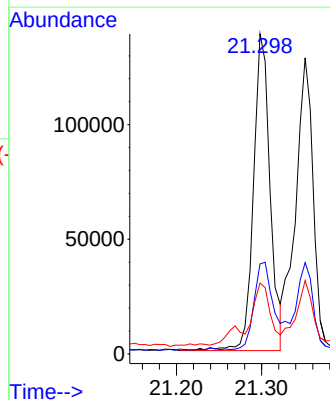
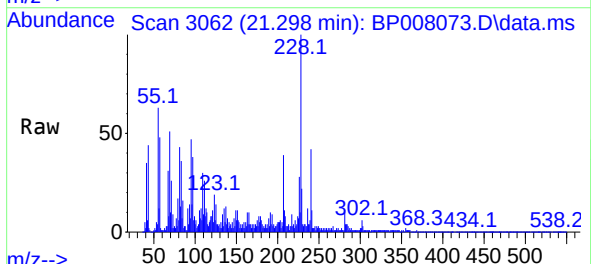
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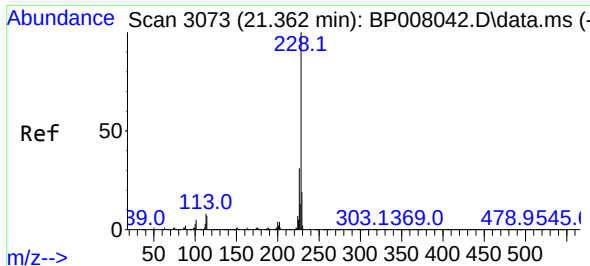
Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021



#81
 Benzo(a)anthracene
 Concen: 4.364 ng
 RT: 21.298 min Scan# 3062
 Delta R.T. -0.005 min
 Lab File: BP008073.D
 Acq: 20 Nov 2021 23:54

Tgt Ion:228 Resp: 187072
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.8 32.6
 229 22.1 16.1 24.1





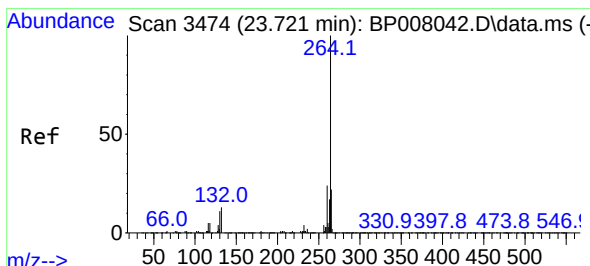
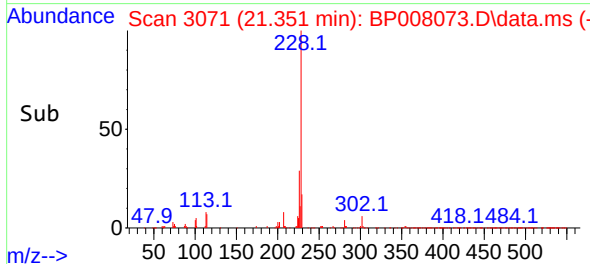
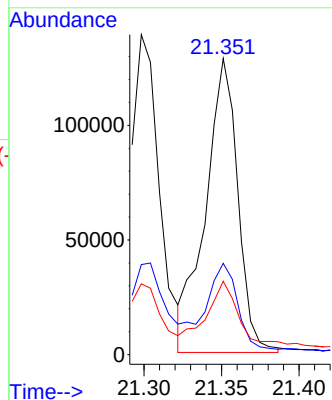
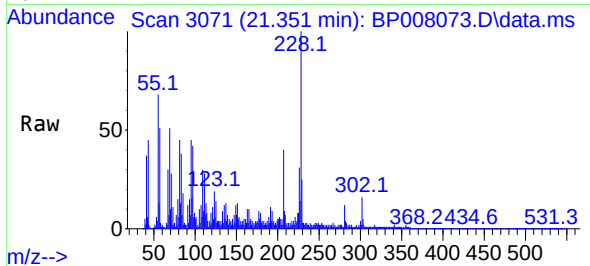
#83
Chrysene
Concen: 4.581 ng m
RT: 21.351 min Scan# 3071
Delta R.T. -0.011 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26706

Tgt Ion:228 Resp: 18636
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 24.8 15.5 23.3

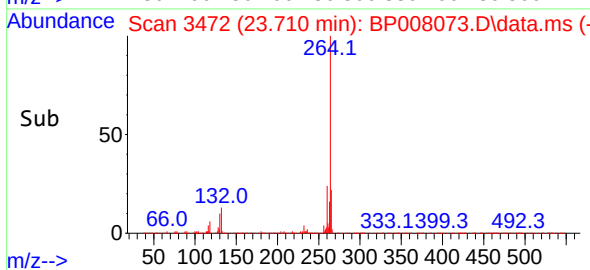
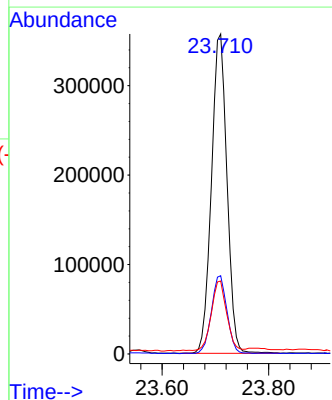
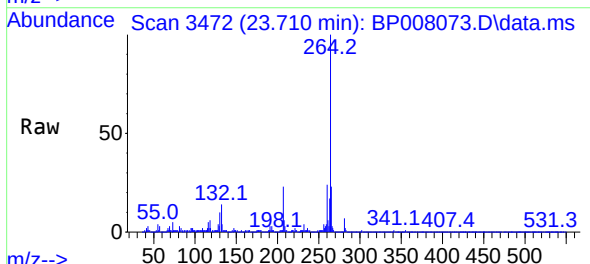
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APPROVED

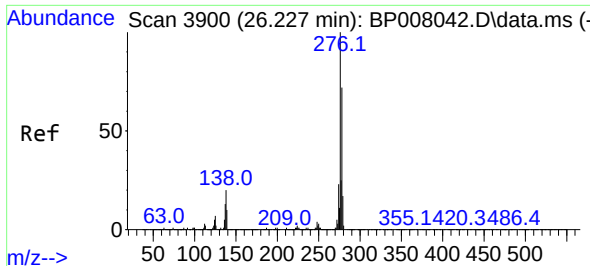
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3472
Delta R.T. -0.011 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

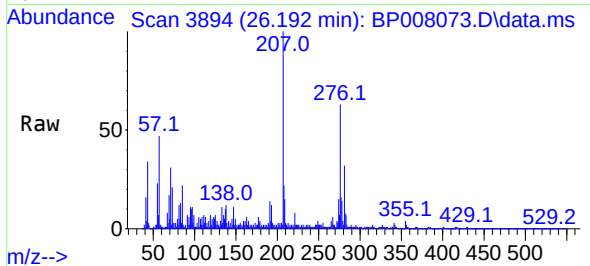
Tgt Ion:264 Resp: 723189
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 22.8 17.7 26.5





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.389 ng
 RT: 26.192 min Scan# 31
 Delta R.T. -0.035 min
 Lab File: BP008073.D
 Acq: 20 Nov 2021 23:54

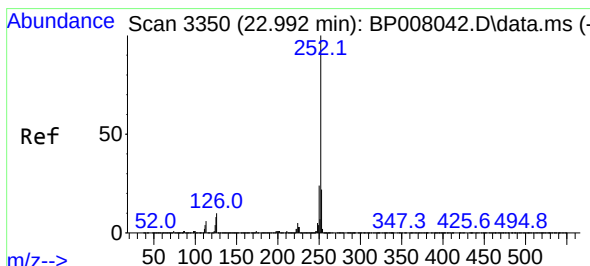
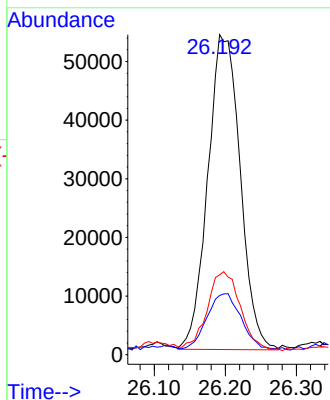
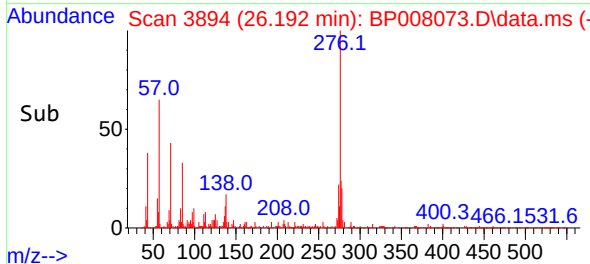
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26706



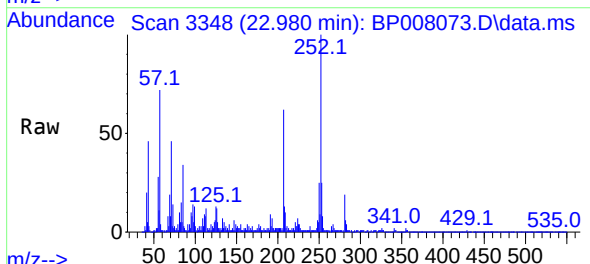
Tgt Ion: 276 Resp: 17006
 Ion Ratio Lower Upper
 276 100
 138 18.0 16.5 24.7
 277 25.8 20.2 30.4

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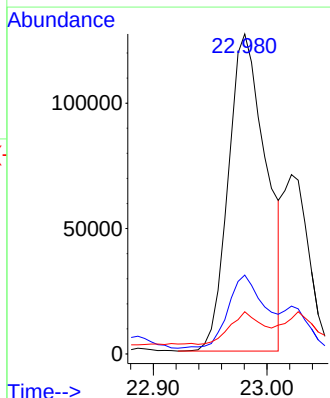
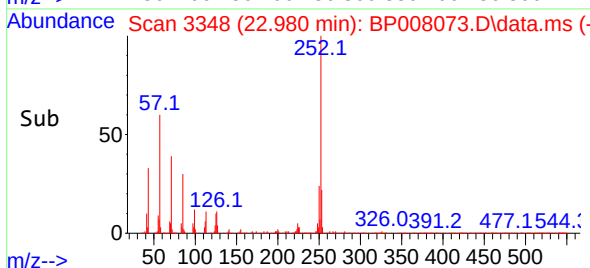
Reviewed By : Jagrut Upadhyay 11/22/2021
 Supervised By : mohammad ahmed 11/24/2021

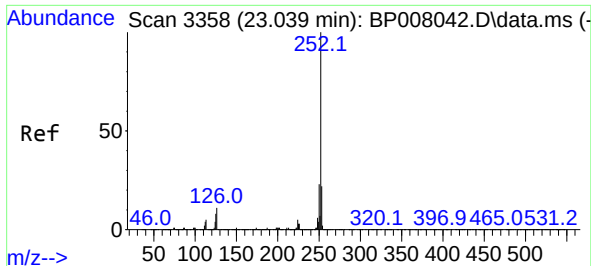


#88
 Benzo(b)fluoranthene
 Concen: 6.480 ng
 RT: 22.980 min Scan# 3348
 Delta R.T. -0.011 min
 Lab File: BP008073.D
 Acq: 20 Nov 2021 23:54



Tgt Ion: 252 Resp: 292979
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.4 26.2
 125 13.2 6.1 9.1#





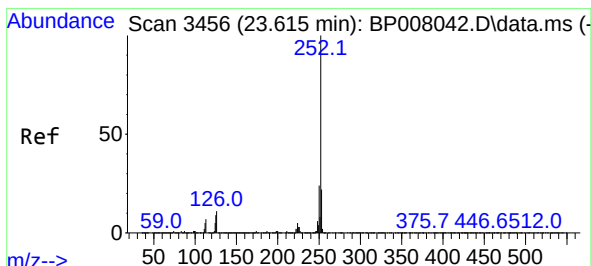
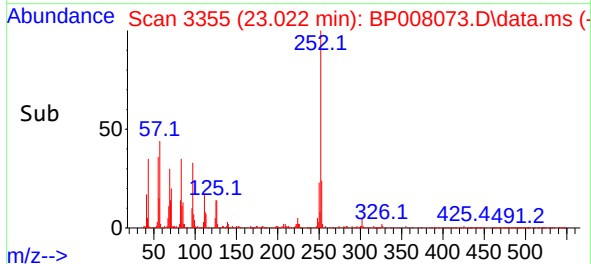
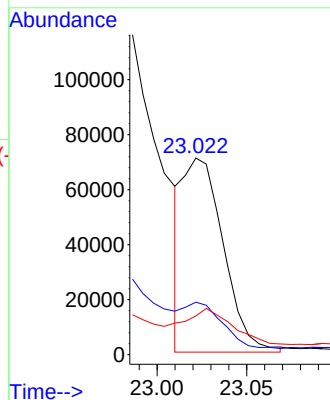
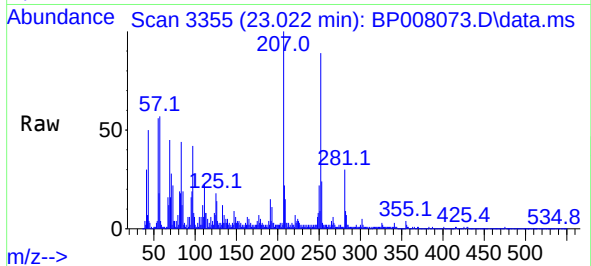
#89
Benzo(k)fluoranthene
Concen: 2.463 ng m
RT: 23.022 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26706

Tgt Ion:252 Resp: 110824
Ion Ratio Lower Upper
252 100
253 26.7 17.4 26.0
125 19.7 6.2 9.4

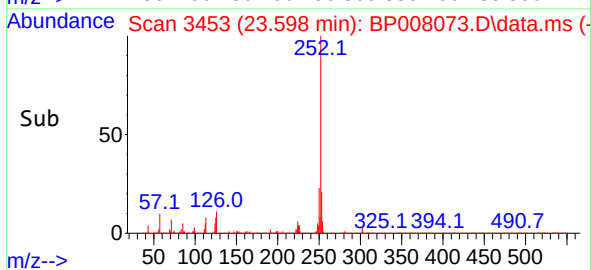
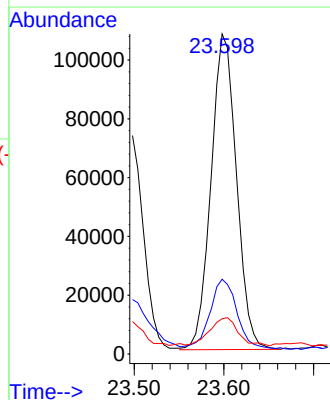
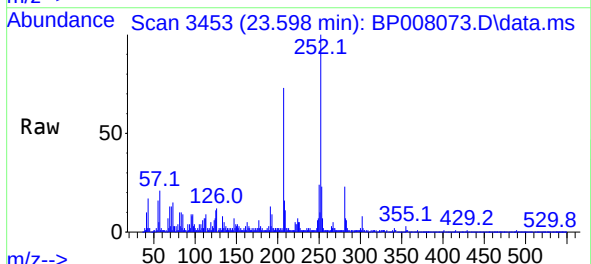
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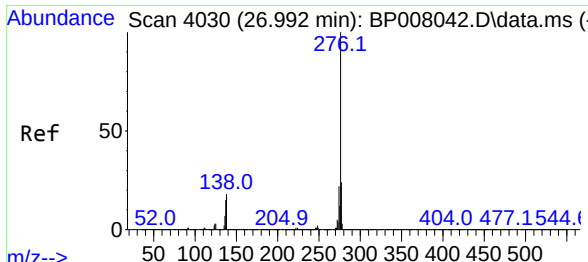
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#90
Benzo(a)pyrene
Concen: 5.578 ng
RT: 23.598 min Scan# 3453
Delta R.T. -0.017 min
Lab File: BP008073.D
Acq: 20 Nov 2021 23:54

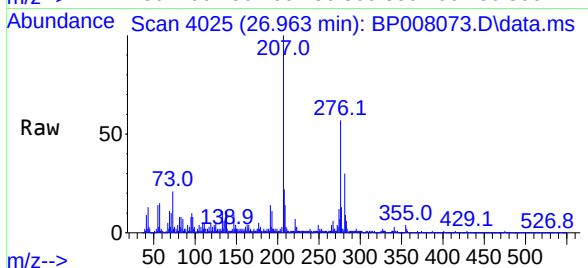
Tgt Ion:252 Resp: 211397
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 11.0 7.4 11.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.145 ng
 RT: 26.963 min Scan# 40
 Delta R.T. -0.029 min
 Lab File: BP008073.D
 Acq: 20 Nov 2021 23:54

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26706



Tgt Ion: 276 Resp: 16960

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.6
138	19.0	14.2	21.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

