

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017958.D
 Acq On : 08 Nov 2023 11:20
 Operator : MA/JU
 Sample : 05168-04DL 2X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XA015DL

Quant Time: Nov 08 11:55:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

11/09/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	81993	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.669	136	340407	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	221468	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	504455	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	465474	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	510895	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	6586	3.074	ng/uL	0.00
4) Pyridine-d5	3.670	84	86825	14.603	ng/u1	0.00
7) Phenol-d5	7.016	99	111293	14.474	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	71909	15.504	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.369	132	89565	15.159	ng/u1	-0.02
15) 4-Methylphenol-d8	8.569	113	93374	14.693	ng/u1	-0.01
21) Nitrobenzene-d5	9.052	128	44476	16.349	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.769	143	49884	15.921	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	86011	14.974	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	121376	14.582	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	333342	17.165	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	336116	15.774	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	32998	11.052	ng/u1	0.02
60) Fluorene-d10	15.516	176	275072	16.923	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	41497	11.249	ng/u1	0.00
73) Anthracene-d10	17.398	188	460868	17.571	ng/u1	0.00
81) Pyrene-d10	19.645	212	556570	18.836	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	519850	18.211	ng/u1	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.293	93	289287	47.754	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	422705m	60.609	ng/u1	
22) Nitrobenzene	9.099	77	85379	11.508	ng/u1	98
23) Isophorone	9.604	82	158695	11.762	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.093	93	298232	40.183	ng/u1	99
36) 2-Methylnaphthalene	12.334	142	348388	25.843	ng/u1	99
47) Dimethylphthalate	13.987	163	1392953	72.734	ng/u1	100
50) Acenaphthylene	14.245	152	207850	8.715	ng/u1	99
52) Acenaphthene	14.587	153	298898	18.910	ng/u1	99
61) Fluorene	15.575	166	369106	19.965	ng/u1	99
68) 4-Bromophenyl-phenylether	16.475	248	52629	8.860	ng/u1	94
69) Hexachlorobenzene	16.551	284	123294	18.083	ng/u1#	85
72) Phenanthrene	17.339	178	509300	17.170	ng/u1	99
74) Anthracene	17.433	178	529515	17.562	ng/u1	100
78) Di-n-butylphthalate	18.233	149	1687940	50.457	ng/u1	99
82) Pyrene	19.675	202	402853	11.200	ng/u1	99
83) Butylbenzylphthalate	20.539	149	659523	41.677	ng/u1	95
85) Benzo(a)anthracene	21.398	228	312896	8.729	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1043329	45.530	ng/u1	100
89) Di-n-octyl phthalate	22.233	149	2527564	58.578	ng/u1	100
90) Benzo(b)fluoranthene	23.127	252	403287	11.437	ng/u1	99
91) Benzo(k)fluoranthene	23.180	252	451013	12.754	ng/u1	99
93) Benzo(a)pyrene	23.792	252	171191	5.222	ng/u1	99
95) Dibenzo(a,h)anthracene	26.562	278	563961	17.364	ng/u1	98

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

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

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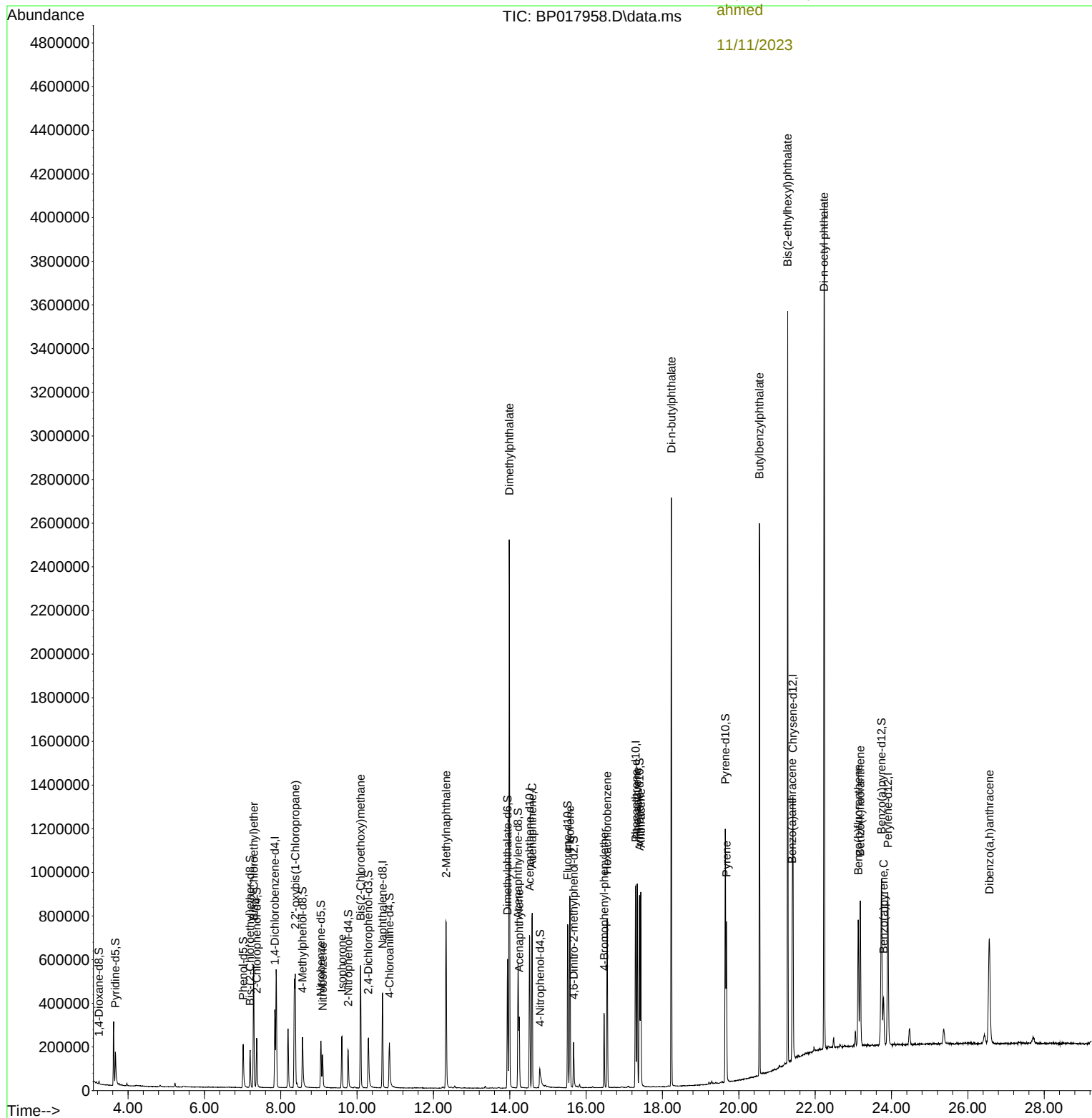
Instrument :
 BNA_P
 ClientSampleId :
 XA015DL

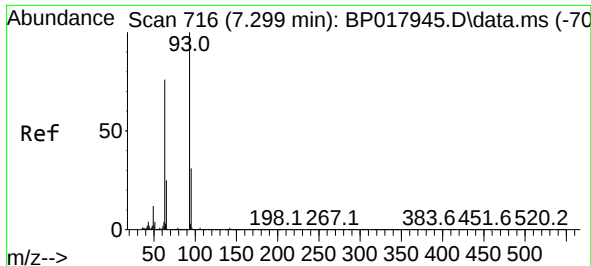
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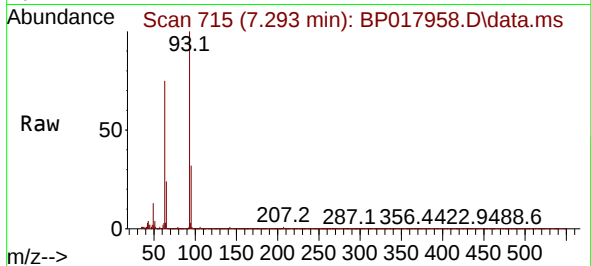
11/11/2023





#10
Bis(2-Chloroethyl)ether
Concen: 47.754 ng/ul
RT: 7.293 min Scan# 716
Delta R.T. -0.012 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
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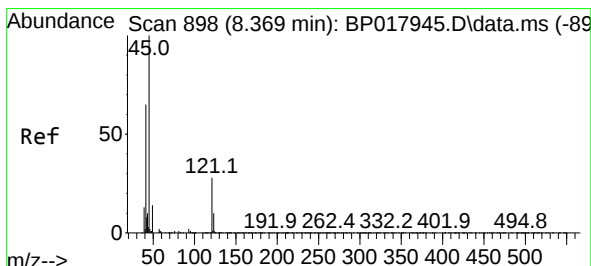
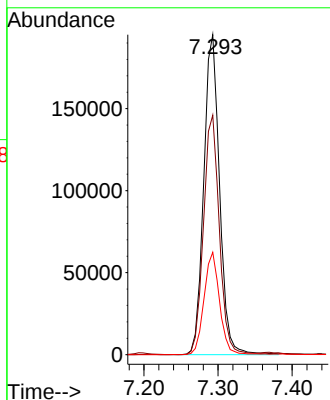
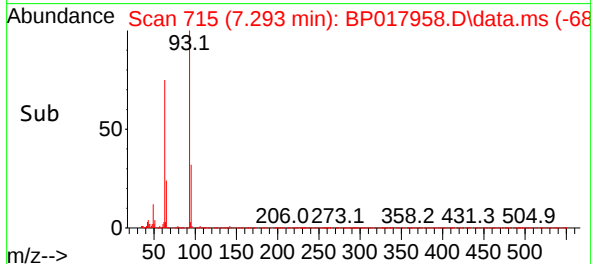
Tgt Ion: 93 Resp: 28928
Ion Ratio Lower Upper
93 100
63 74.9 57.2 85.8
95 32.0 26.2 39.4

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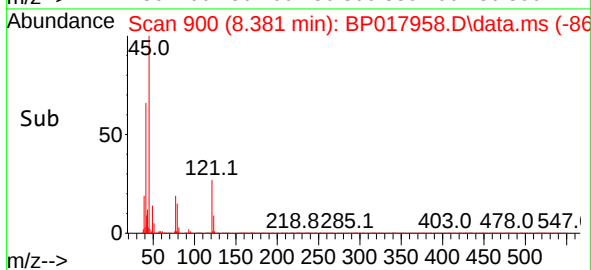
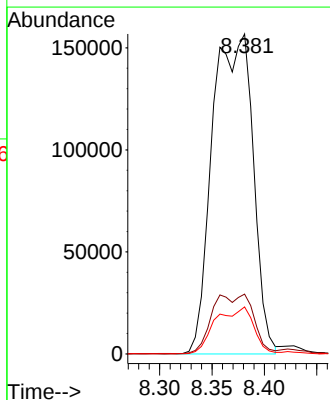
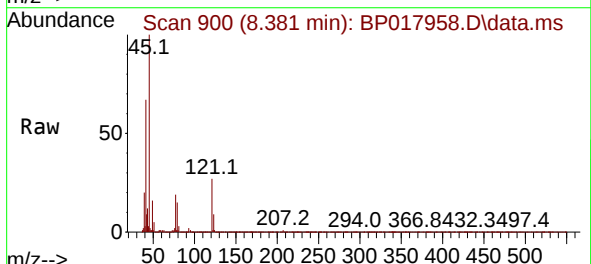
11/09/2023
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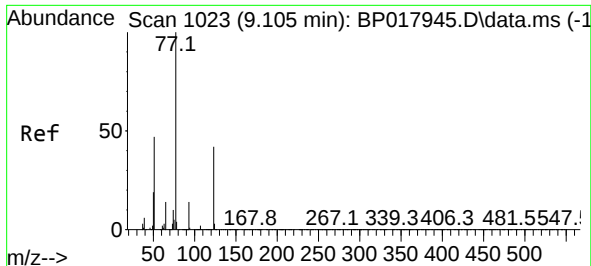
11/11/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 60.609 ng/ul m
RT: 8.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Tgt Ion: 45 Resp: 422705
Ion Ratio Lower Upper
45 100
77 18.7 14.8 22.2
79 14.7 11.2 16.8





#22
Nitrobenzene
Concen: 11.508 ng/ul
RT: 9.099 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
BNA_P
ClientSampleId :
XA015DL

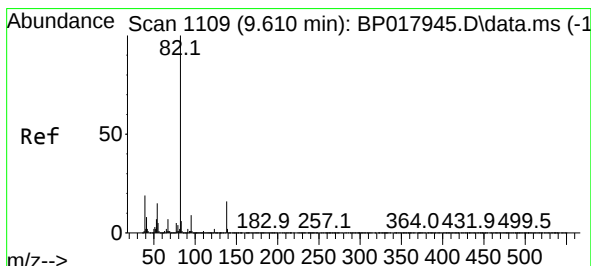
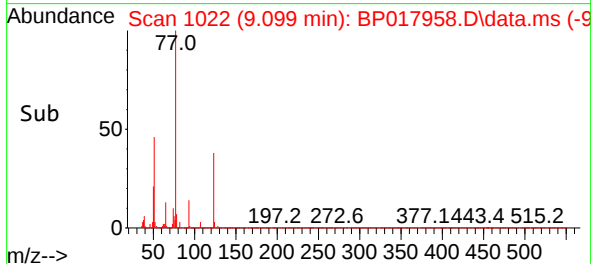
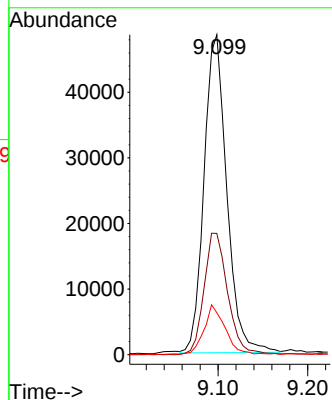
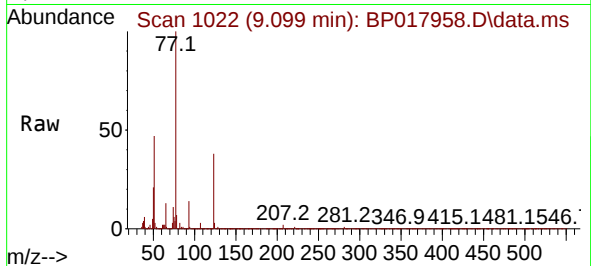
Tgt Ion: 77 Resp: 85379
Ion Ratio Lower Upper
77 100
123 37.9 31.2 46.8
65 13.1 11.5 17.3

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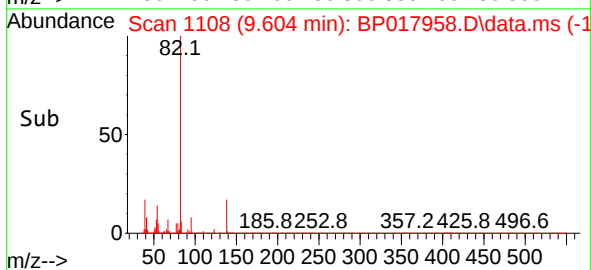
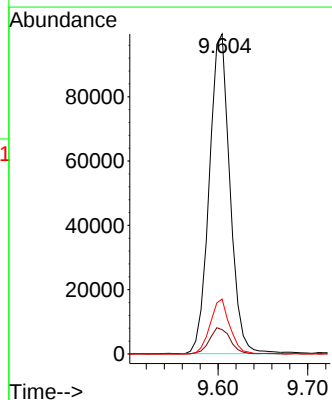
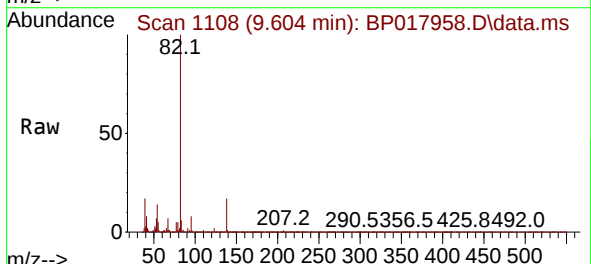
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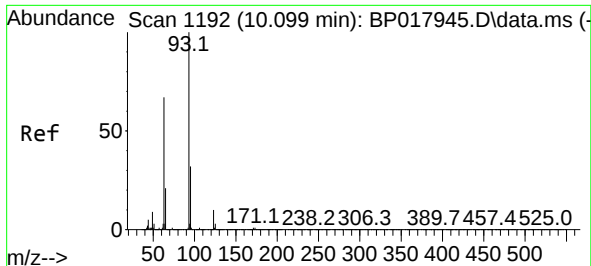
11/11/2023



#23
Isophorone
Concen: 11.762 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

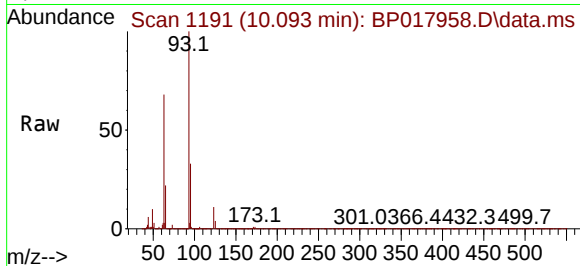
Tgt Ion: 82 Resp: 158695
Ion Ratio Lower Upper
82 100
95 7.6 7.2 10.8
138 17.2 13.4 20.2





#27
Bis(2-Chloroethoxy)methane
Concen: 40.183 ng/ul
RT: 10.093 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
BNA_P
ClientSampleId :
XA015DL



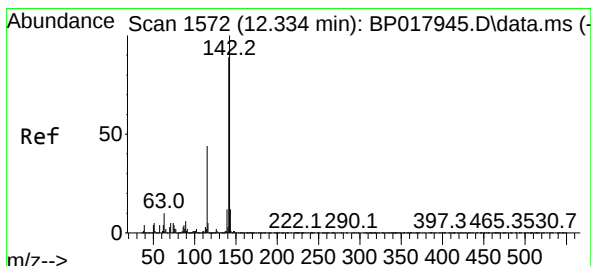
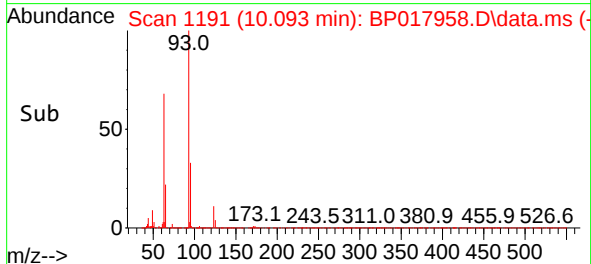
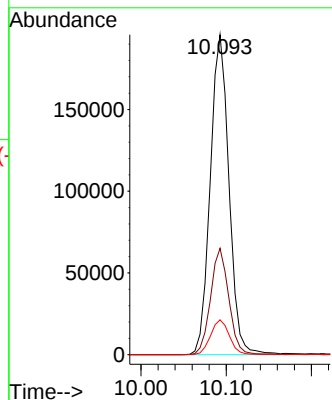
Tgt Ion: 93 Resp: 29823
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 10.9 9.2 13.8

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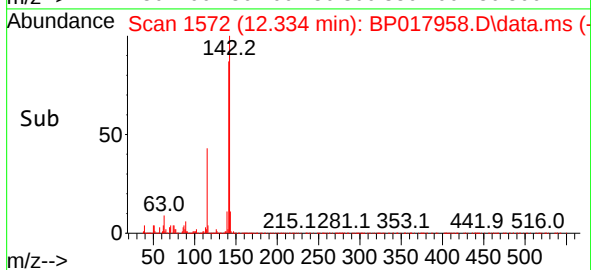
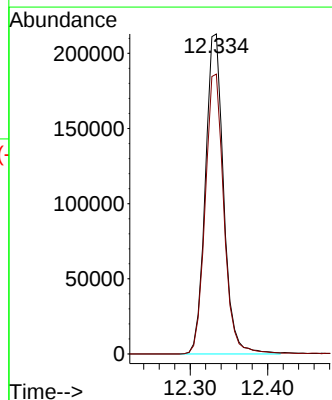
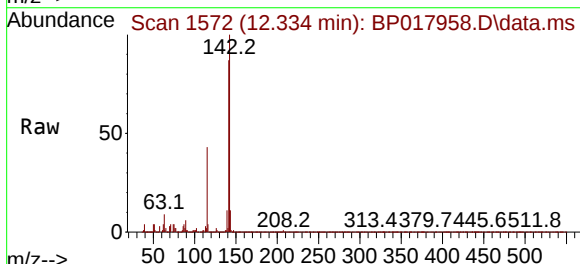
11/09/2023
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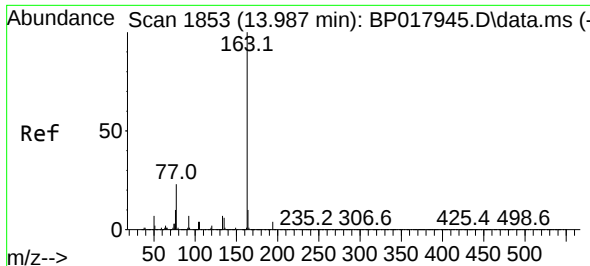
11/11/2023



#36
2-Methylnaphthalene
Concen: 25.843 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

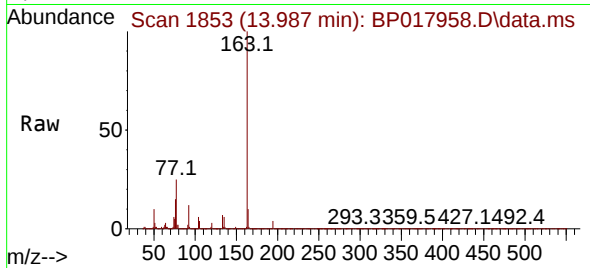
Tgt Ion:142 Resp: 348388
Ion Ratio Lower Upper
142 100
141 87.4 70.9 106.3





#47
Dimethylphthalate
Concen: 72.734 ng/ul
RT: 13.987 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
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ClientSampleId :
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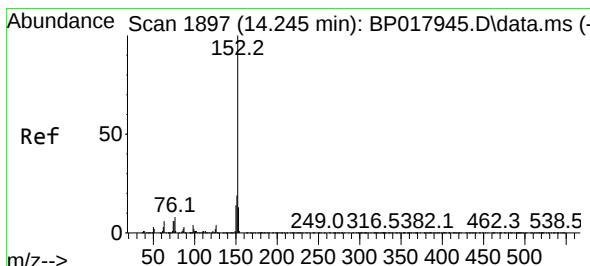
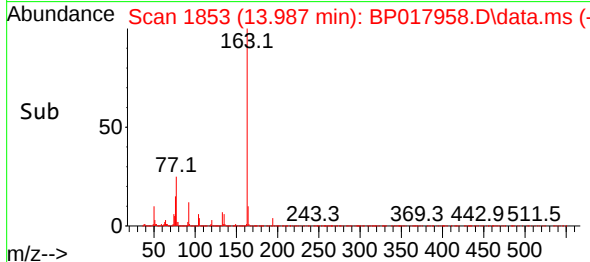
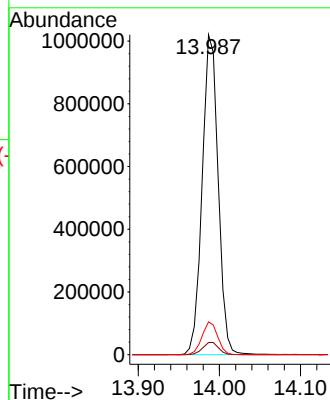
Tgt Ion:163 Resp: 139295
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.2 12.4

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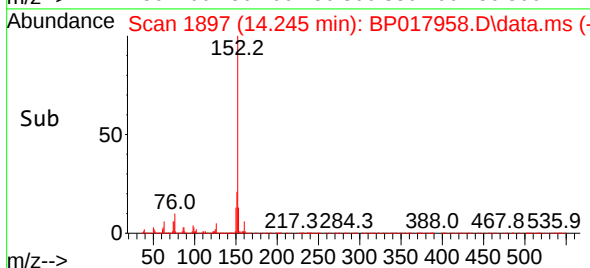
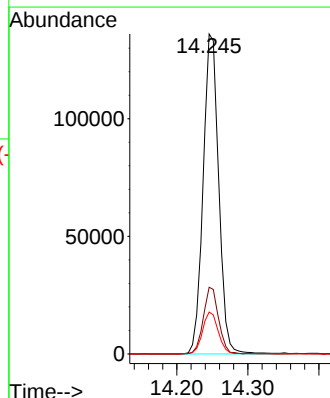
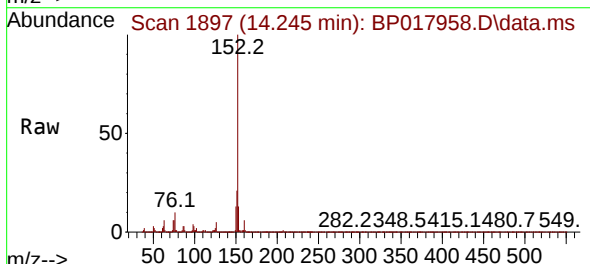
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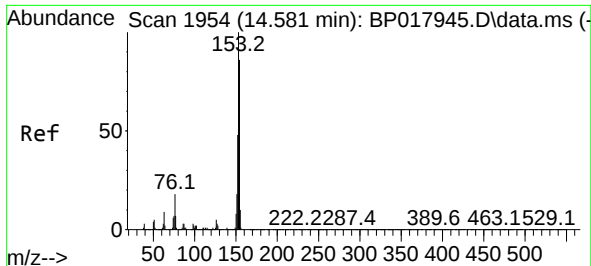
11/11/2023



#50
Acenaphthylene
Concen: 8.715 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

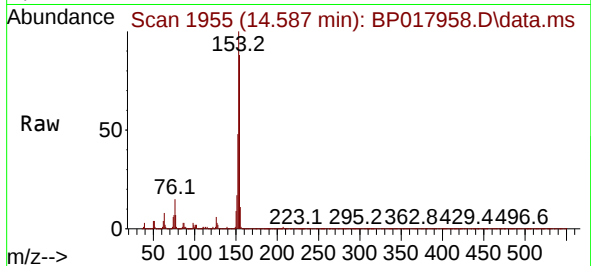
Tgt Ion:152 Resp: 207850
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 13.1 10.4 15.6





#52
Acenaphthene
Concen: 18.910 ng/ul
RT: 14.587 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP017958.D
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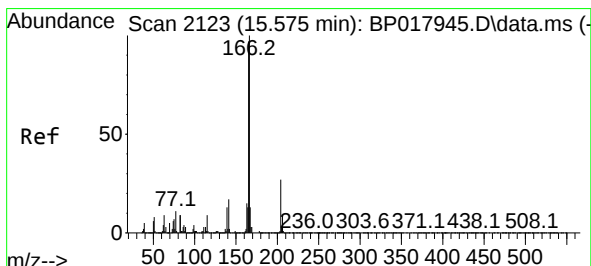
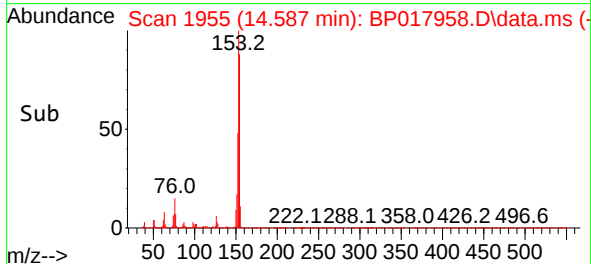
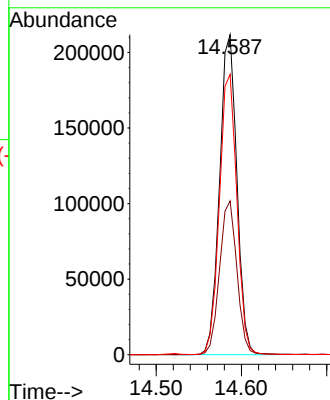
Tgt Ion:153 Resp: 298898
Ion Ratio Lower Upper
153 100
152 48.0 37.7 56.5
154 87.6 70.4 105.6

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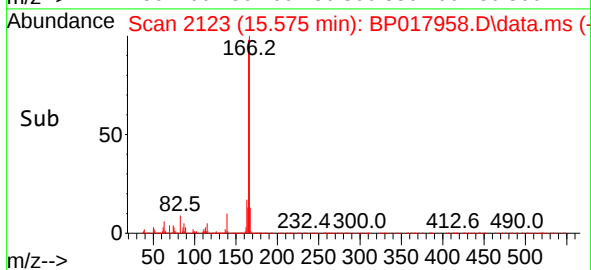
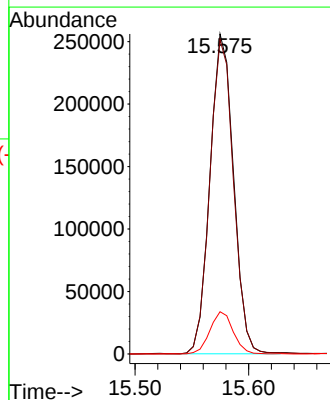
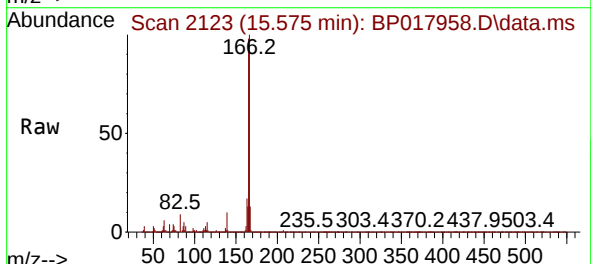
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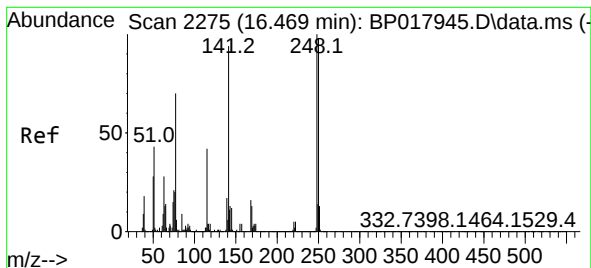
11/11/2023



#61
Fluorene
Concen: 19.965 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

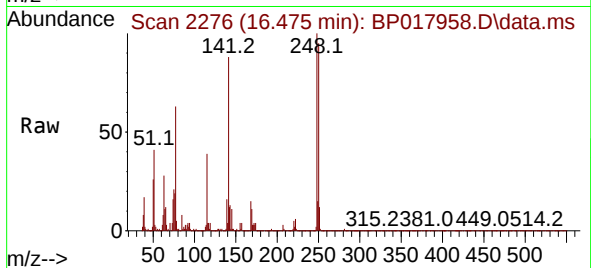
Tgt Ion:166 Resp: 369106
Ion Ratio Lower Upper
166 100
165 98.2 79.8 119.6
167 13.2 10.9 16.3





#68
4-Bromophenyl-phenylether
Concen: 8.860 ng/ul
RT: 16.475 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
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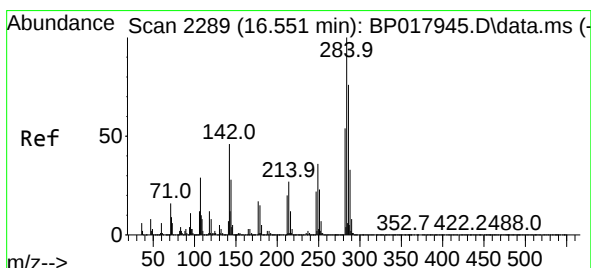
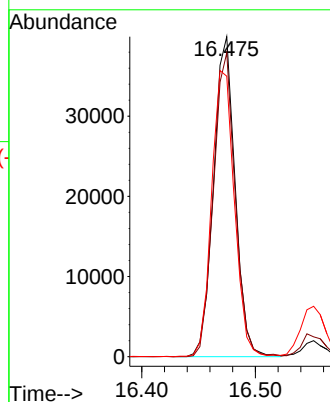
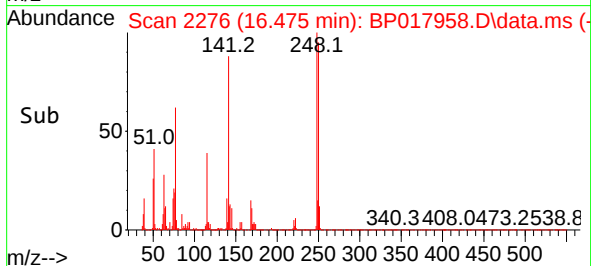
Tgt Ion:248 Resp: 52629
Ion Ratio Lower Upper
248 100
250 95.0 77.9 116.9
141 87.7 62.4 93.6

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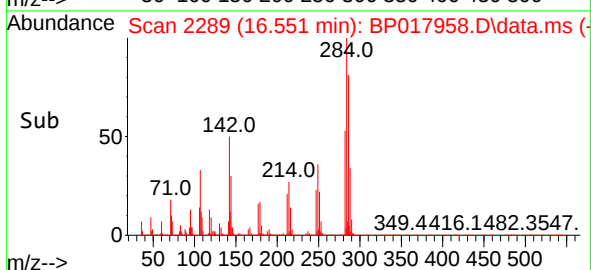
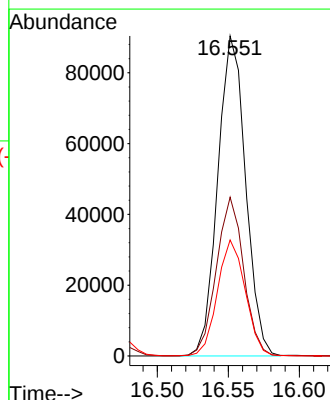
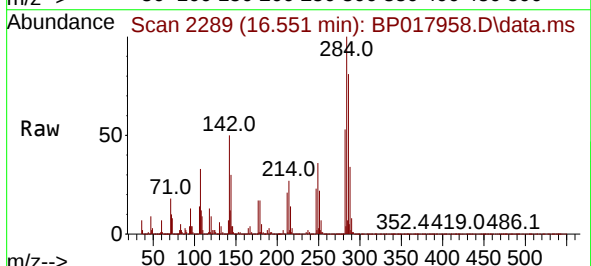
11/09/2023
Supervised By :mohammad
ahmed

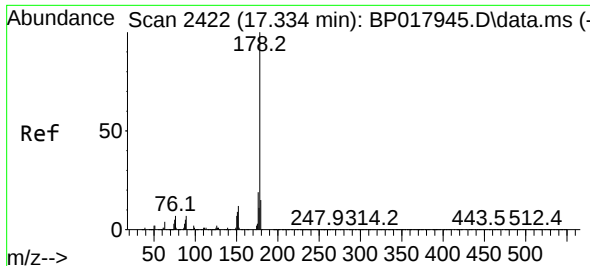
11/11/2023



#69
Hexachlorobenzene
Concen: 18.083 ng/ul
RT: 16.551 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Tgt Ion:284 Resp: 123294
Ion Ratio Lower Upper
284 100
142 49.6 29.0 43.6#
249 36.2 25.8 38.6





#72
Phenanthrene
Concen: 17.170 ng/u1
RT: 17.339 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
BNA_P
ClientSampleId :
XA015DL

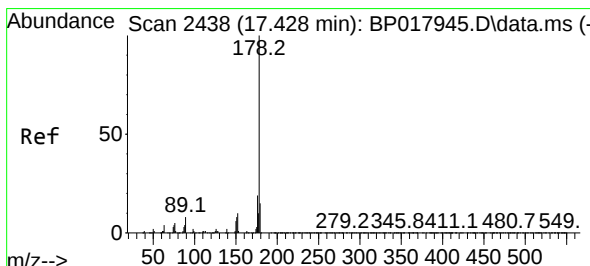
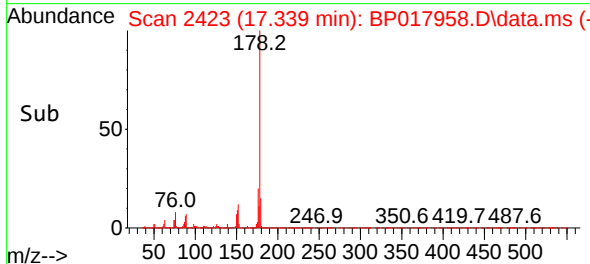
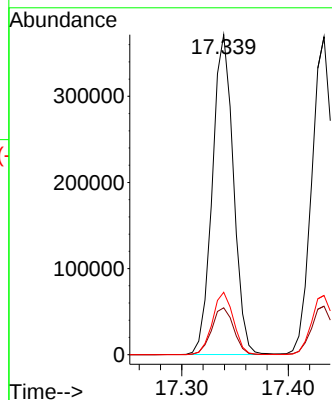
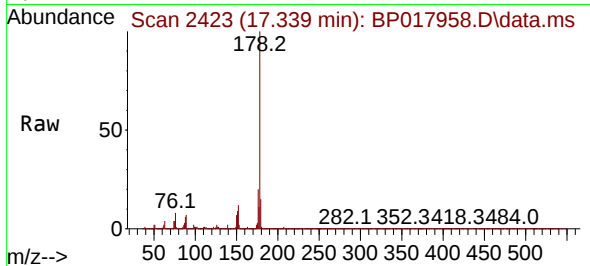
Tgt Ion:178 Resp: 509300
Ion Ratio Lower Upper
178 100
179 14.7 12.3 18.5
176 19.5 15.2 22.8

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Reviewed By :Yogesh
Patel

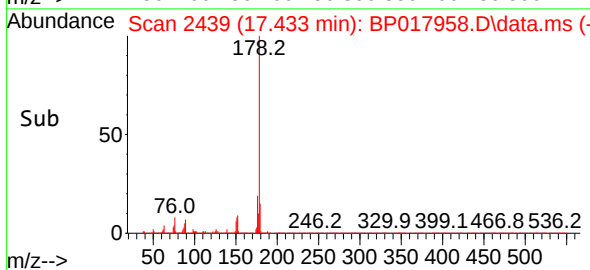
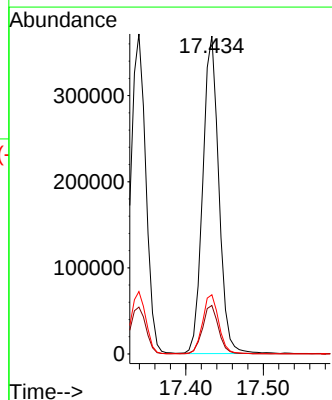
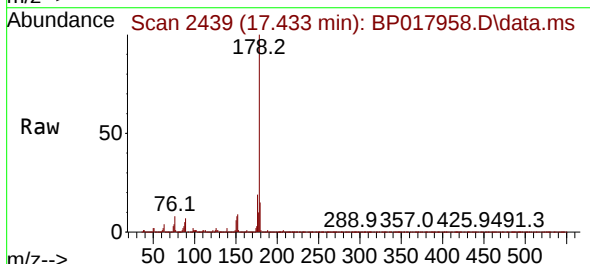
11/09/2023
Supervised By :mohammad
ahmed

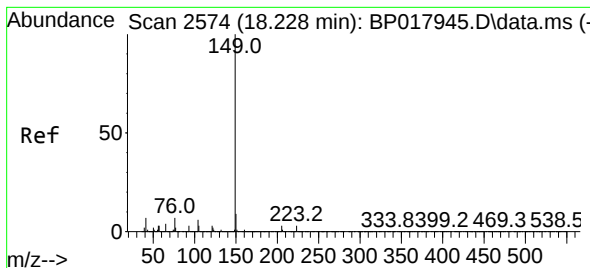
11/11/2023



#74
Anthracene
Concen: 17.562 ng/u1
RT: 17.433 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

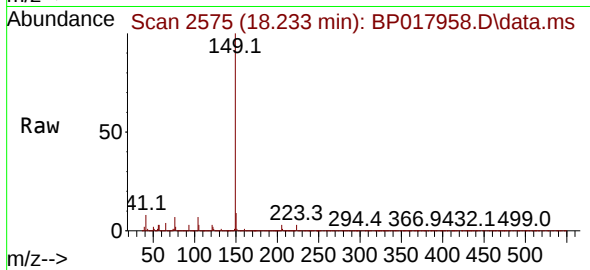
Tgt Ion:178 Resp: 529515
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 18.6 14.9 22.3





#78
Di-n-butylphthalate
Concen: 50.457 ng/ul
RT: 18.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
BNA_P
ClientSampleId :
XA015DL



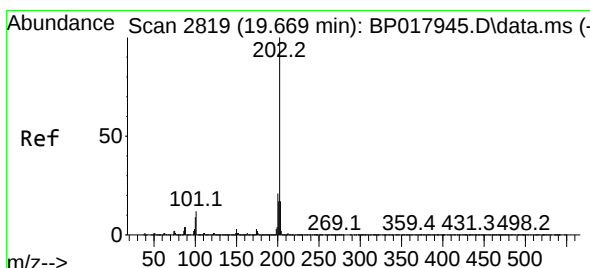
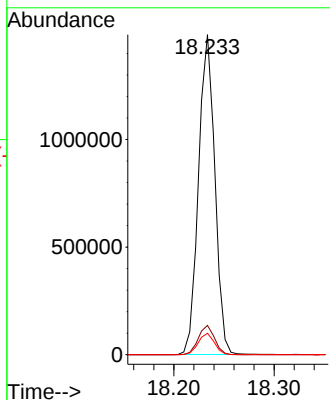
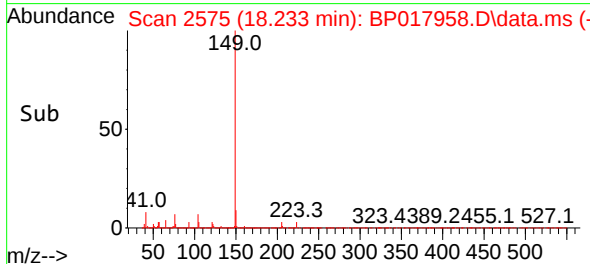
Tgt Ion:149 Resp: 1687940
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 6.7 5.0 7.6

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Reviewed By :Yogesh
Patel

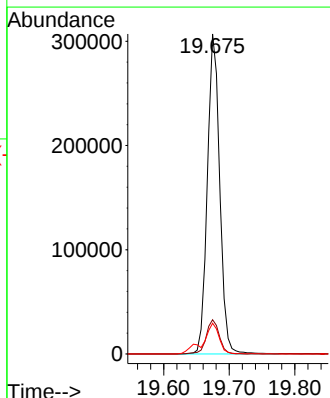
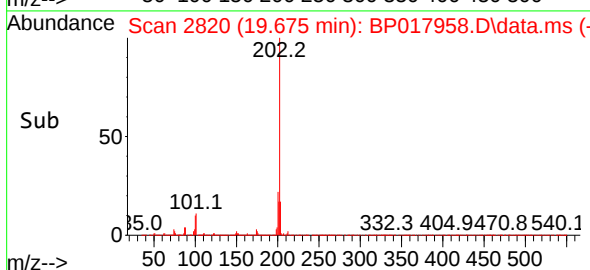
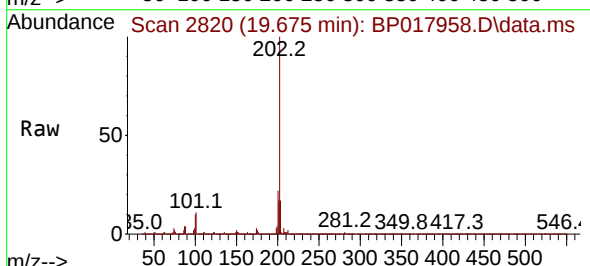
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Supervised By :mohammad
ahmed

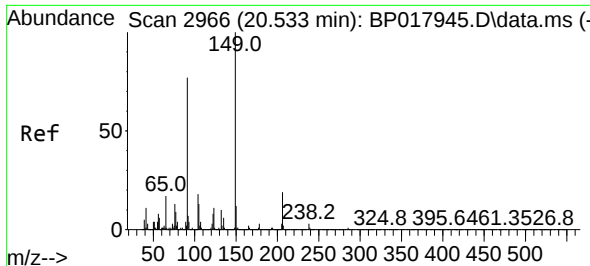
11/11/2023



#82
Pyrene
Concen: 11.200 ng/ul
RT: 19.675 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

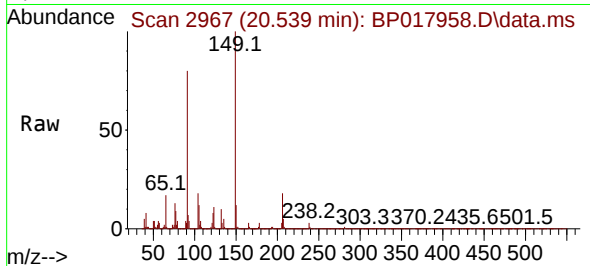
Tgt Ion:202 Resp: 402853
Ion Ratio Lower Upper
202 100
101 10.7 8.6 12.8
100 9.6 7.3 10.9





#83
Butylbenzylphthalate
Concen: 41.677 ng/ul
RT: 20.539 min Scan# 2966
Delta R.T. 0.000 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
BNA_P
ClientSampleId :
XA015DL



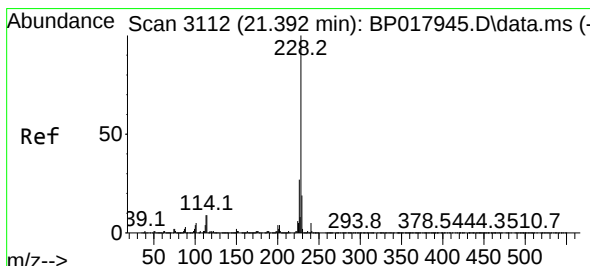
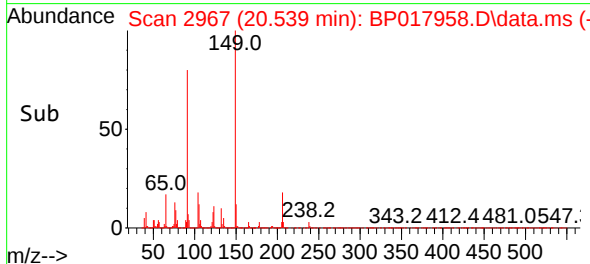
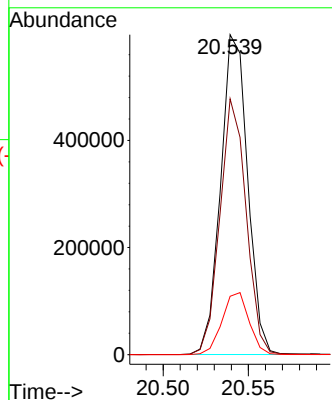
Tgt Ion:149 Resp: 65952
Ion Ratio Lower Upper
149 100
91 80.0 60.4 90.6
206 18.2 15.3 22.9

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Patel

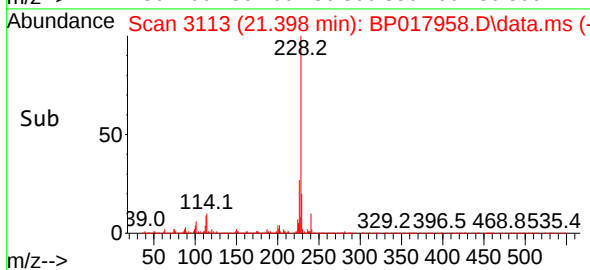
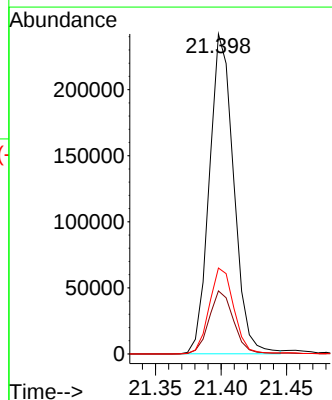
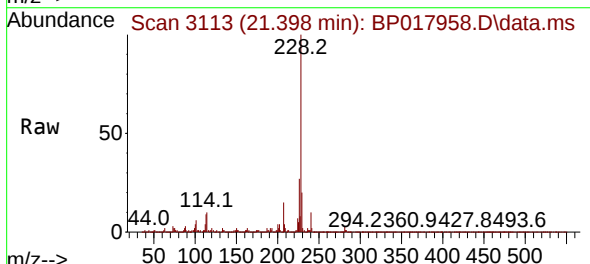
11/09/2023
Supervised By :mohammad
ahmed

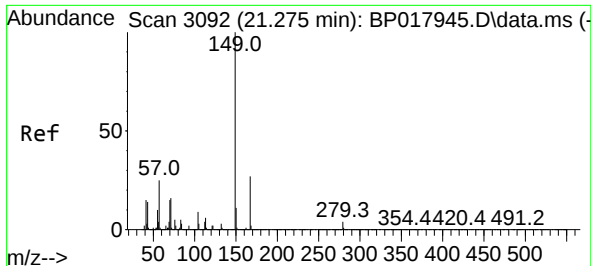
11/11/2023



#85
Benzo(a)anthracene
Concen: 8.729 ng/ul
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

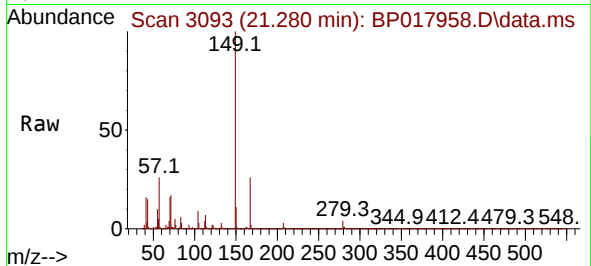
Tgt Ion:228 Resp: 312896
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 26.9 21.6 32.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 45.530 ng/ul
RT: 21.280 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
BNA_P
ClientSampleId :
XA015DL



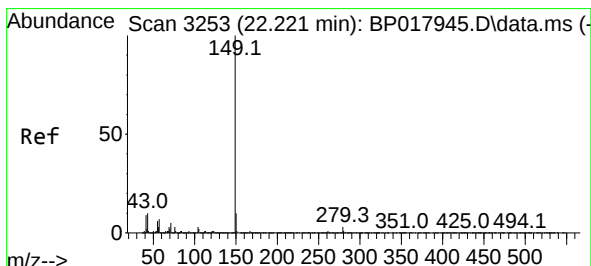
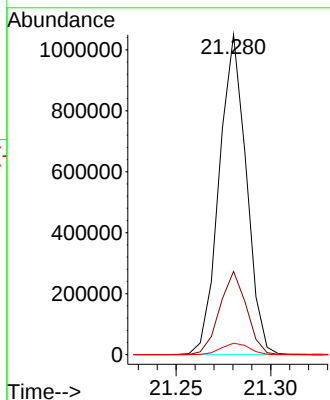
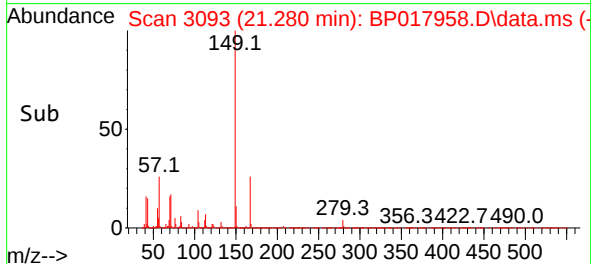
Tgt Ion:149 Resp: 1043329
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.6
279 3.6 3.0 4.6

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Patel

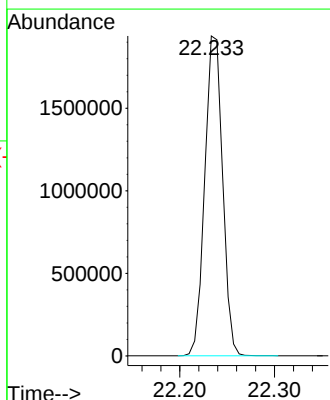
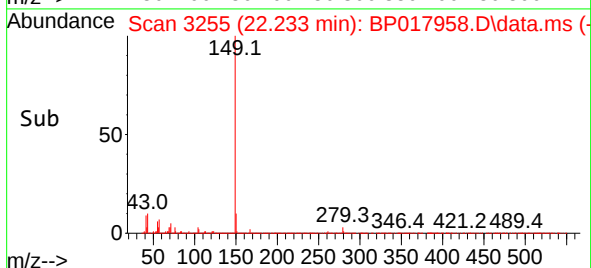
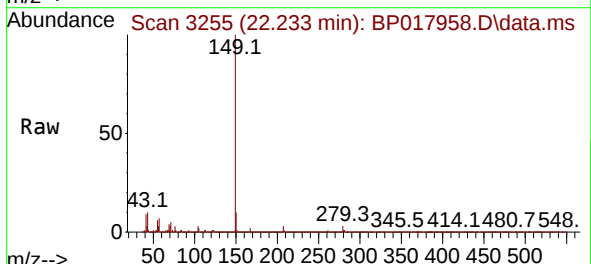
11/09/2023
Supervised By :mohammad
ahmed

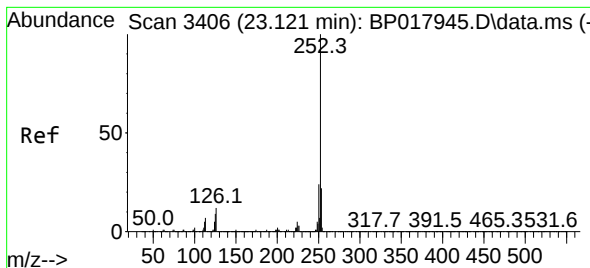
11/11/2023



#89
Di-n-octyl phthalate
Concen: 58.578 ng/ul
RT: 22.233 min Scan# 3255
Delta R.T. 0.006 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Tgt Ion:149 Resp: 2527564





#90

Benzo(b)fluoranthene

Concen: 11.437 ng/ul

RT: 23.127 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BP017958.D

Acq: 08 Nov 2023 11:20

Instrument :

BNA_P

ClientSampleId :

XA015DL

Tgt Ion:252	Resp: 40328
Ion Ratio	Lower Upper
252 100	
253 22.0	17.9 26.9
125 9.3	6.6 10.0

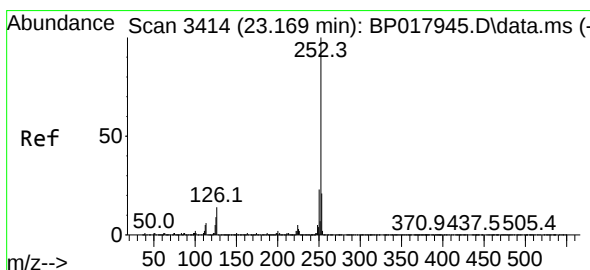
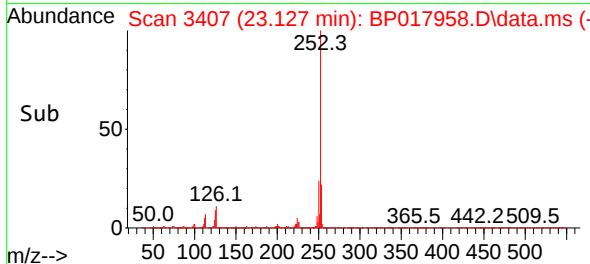
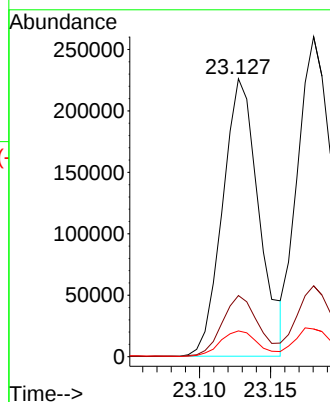
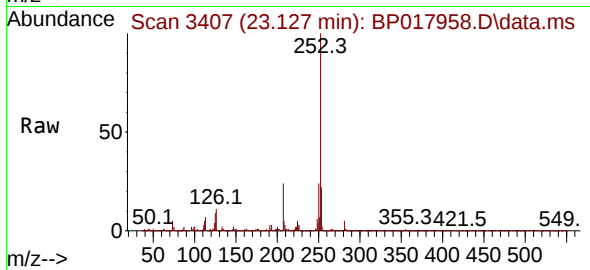
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Reviewed By :Yogesh
Patel

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ahmed

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#91

Benzo(k)fluoranthene

Concen: 12.754 ng/ul

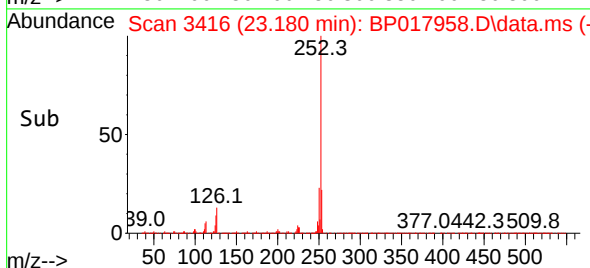
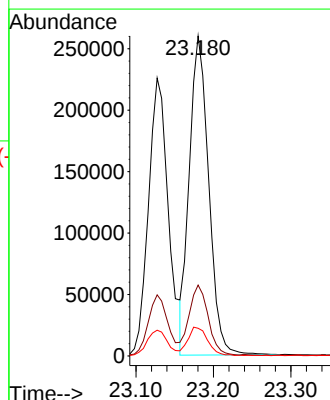
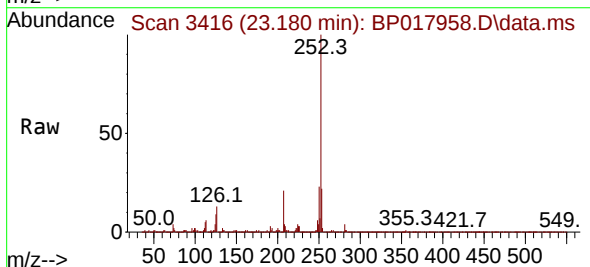
RT: 23.180 min Scan# 3416

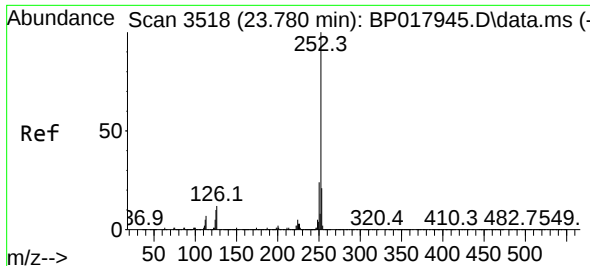
Delta R.T. 0.006 min

Lab File: BP017958.D

Acq: 08 Nov 2023 11:20

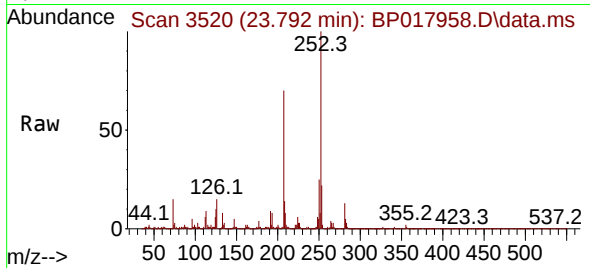
Tgt Ion:252	Resp: 451013
Ion Ratio	Lower Upper
252 100	
253 22.1	17.2 25.8
125 8.7	7.0 10.6





#93
Benzo(a)pyrene
Concen: 5.222 ng/ul
RT: 23.792 min Scan# 3518
Delta R.T. 0.012 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Instrument :
BNA_P
ClientSampleId :
XA015DL



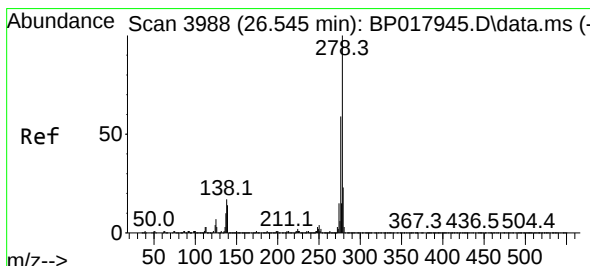
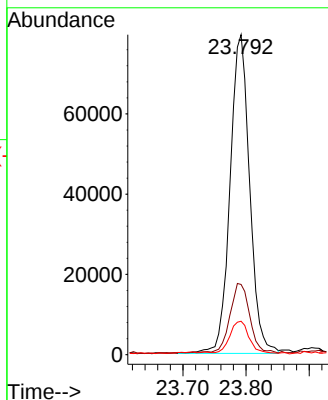
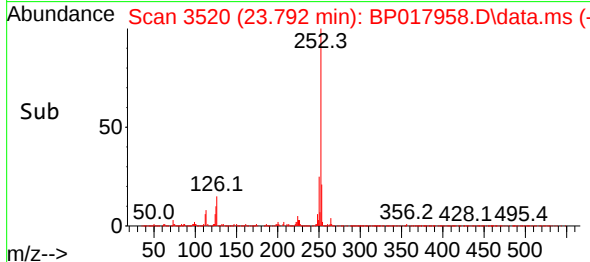
Tgt Ion: 252 Resp: 17119
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.4 7.5 11.3

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Reviewed By :Yogesh
Patel

11/09/2023
Supervised By :mohammad
ahmed

11/11/2023



#95
Dibenzo(a,h)anthracene
Concen: 17.364 ng/ul
RT: 26.562 min Scan# 3991
Delta R.T. 0.012 min
Lab File: BP017958.D
Acq: 08 Nov 2023 11:20

Tgt Ion: 278 Resp: 563961
Ion Ratio Lower Upper
278 100
139 15.5 11.0 16.4
279 24.1 19.1 28.7

