

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120222\
 Data File : BP012933.D
 Acq On : 02 Dec 2022 11:28
 Operator : CG/JU
 Sample : N5738-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GBNJ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/06/2022

Quant Time: Dec 03 01:28:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 23:46:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	481084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	2293907	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1585363	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	3254242	20.000	ng/u1	0.02
79) Chrysene-d12	21.492	240	4104438	20.000	ng/u1	0.01
88) Perylene-d12	23.998	264	4011527	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	35431	3.277	ng/uL	0.00
4) Pyridine-d5	3.822	84	300477	8.612	ng/u1	0.00
7) Phenol-d5	7.158	99	822486	18.513	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	500425	19.895	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	684361	21.017	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	544586	14.929	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	354379	21.724	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	394316	21.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	783625	20.968	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	269874	5.111	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2511050	21.960	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	2983334	23.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	330361	14.125	ng/u1	0.00
60) Fluorene-d10	15.640	176	2329989	23.183	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	334618	17.526	ng/u1	0.01
73) Anthracene-d10	17.522	188	3231575	22.466	ng/u1	0.02
81) Pyrene-d10	19.739	212	4159914	20.619	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.833	264	4463745	22.774	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.187	94	50901	1.104	ng/u1	92
16) Acetophenone	8.834	105	228875	4.051	ng/u1	99
37) 1-Methylnaphthalene	12.693	142	111160	1.258	ng/u1#	96
52) Acenaphthene	14.710	153	234415	2.391	ng/u1	92
58) 2,3,4,6-Tetrachlorophenol	15.275	232	1438159	43.047	ng/u1#	99
71) Pentachlorophenol	17.116	266	23353679m	896.103	ng/u1	
72) Phenanthrene	17.463	178	1442734	8.404	ng/u1#	89
80) Fluoranthene	19.416	202	2412865	10.090	ng/u1	99
82) Pyrene	19.769	202	3817993	15.346	ng/u1	98
83) Butylbenzylphthalate	20.622	149	545126	5.437	ng/u1#	95
85) Benzo(a)anthracene	21.474	228	414312m	1.599	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.380	149	565538	3.868	ng/u1#	88
87) Chrysene	21.527	228	1375513	5.658	ng/u1	95
90) Benzo(b)fluoranthene	23.227	252	1301766	5.100	ng/u1#	91
91) Benzo(k)fluoranthene	23.274	252	383186m	1.583	ng/u1	
93) Benzo(a)pyrene	23.886	252	375126	1.665	ng/u1#	81
94) Indeno(1,2,3-cd)pyrene	26.627	276	358237	1.299	ng/u1	96
96) Benzo(g,h,i)perylene	27.439	276	267923	1.119	ng/u1	93

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

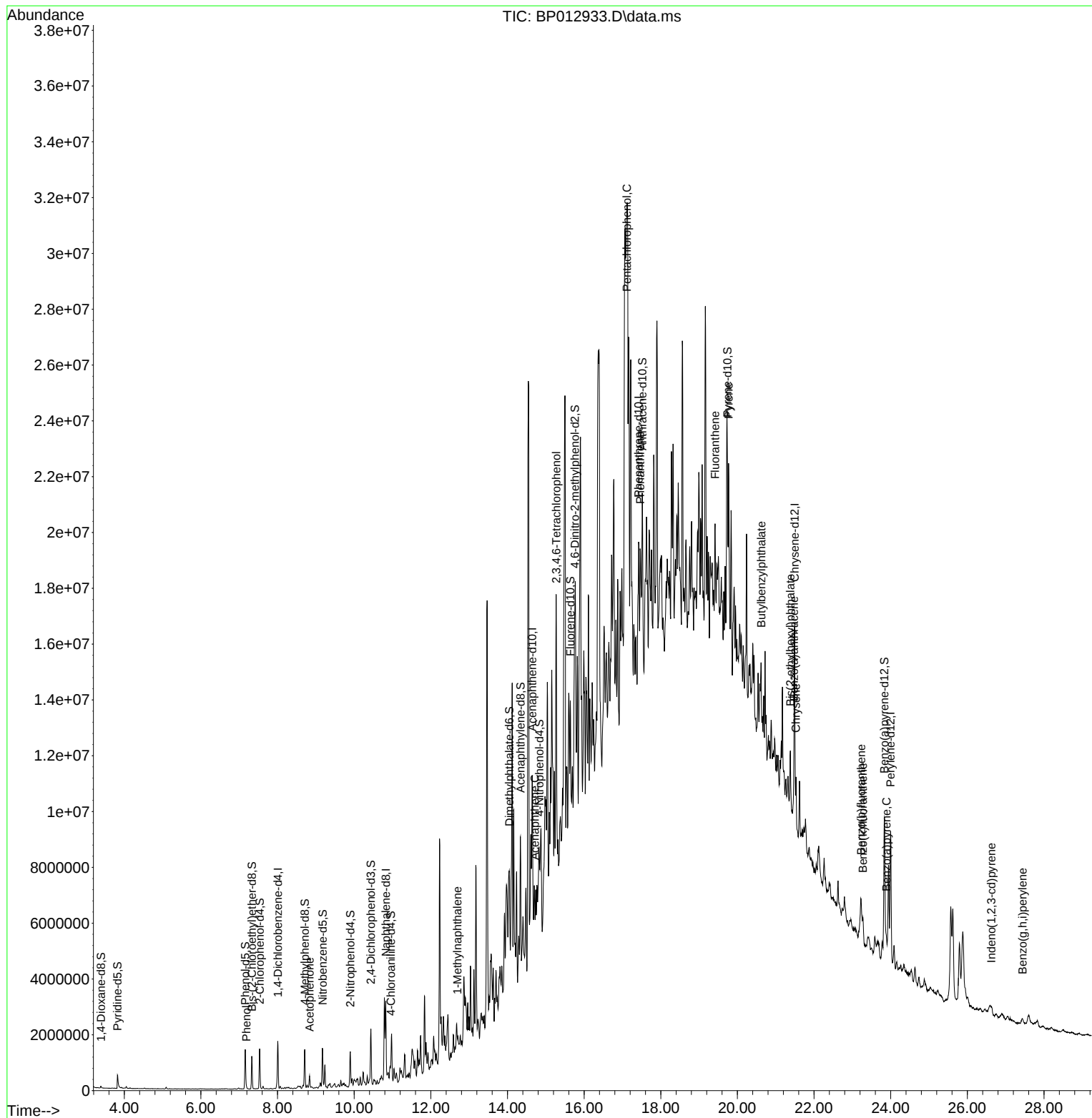
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120222\
 Data File : BP012933.D
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 Operator : CG/JU
 Sample : N5738-13
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 ALS Vial : 6 Sample Multiplier: 1

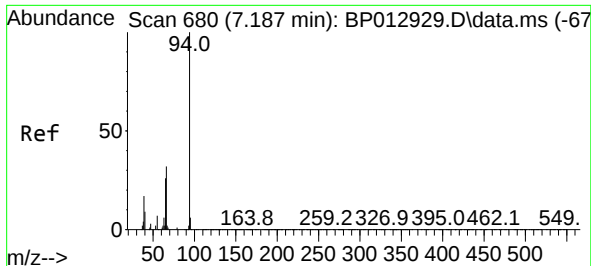
Instrument :
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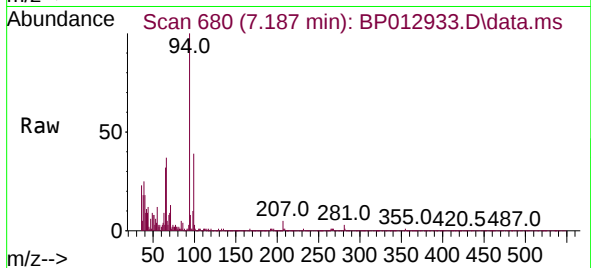
Quant Time: Dec 03 01:28:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 23:46:27 2022
 Response via : Initial Calibration





#8
Phenol
Concen: 1.104 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

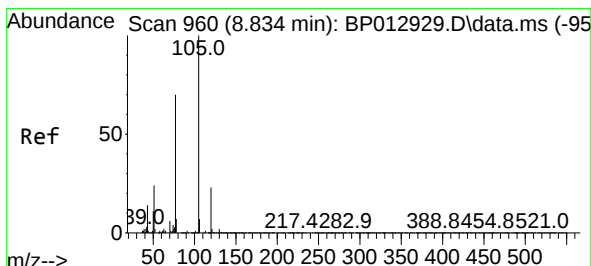
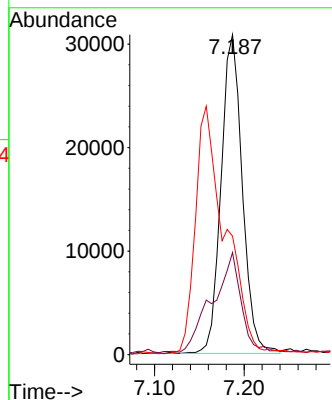
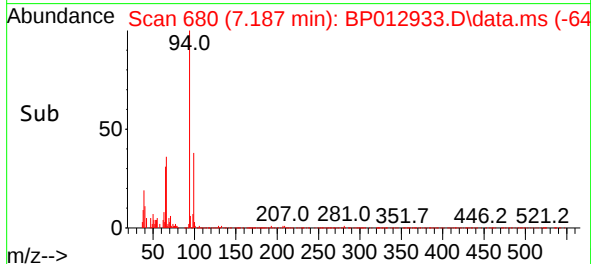
Instrument :
BNA_P
Client Sample Id :
GBNJ2



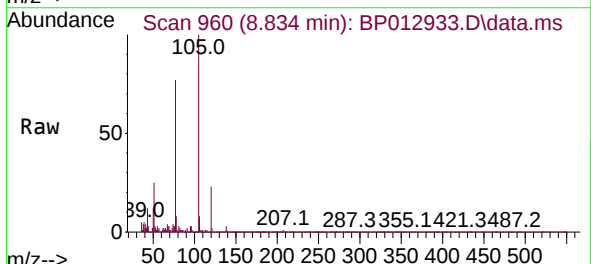
Tgt Ion: 94 Resp: 50901
Ion Ratio Lower Upper
94 100
65 31.9 21.8 32.6
66 37.0 26.6 39.8

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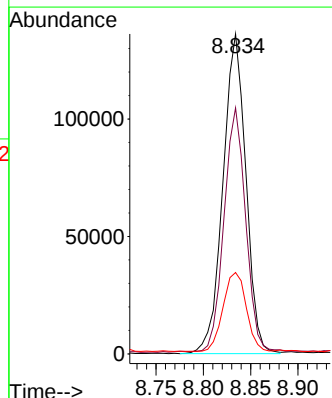
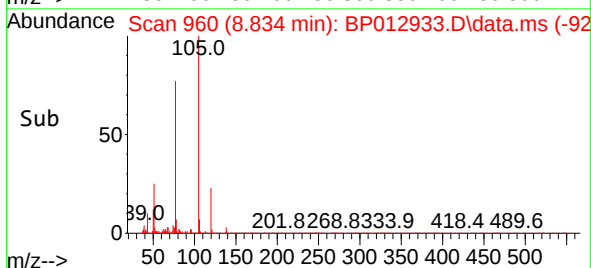
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/06/2022

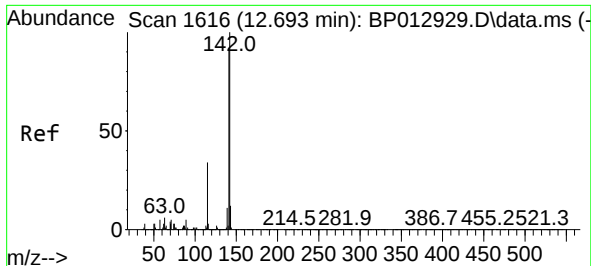


#16
Acetophenone
Concen: 4.051 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28



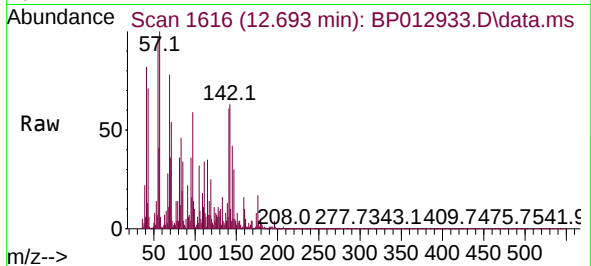
Tgt Ion:105 Resp: 228875
Ion Ratio Lower Upper
105 100
77 76.9 60.4 90.6
51 25.4 20.7 31.1





#37
1-Methylnaphthalene
Concen: 1.258 ng/ul
RT: 12.693 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

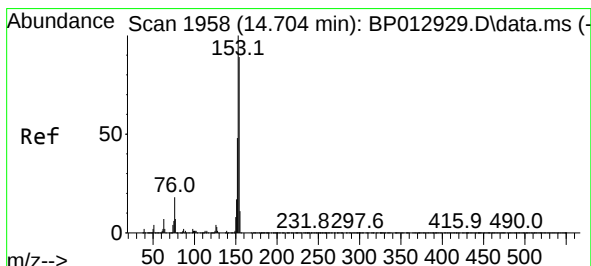
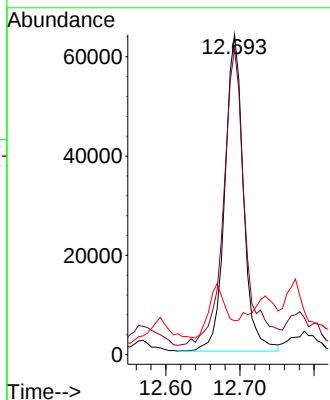
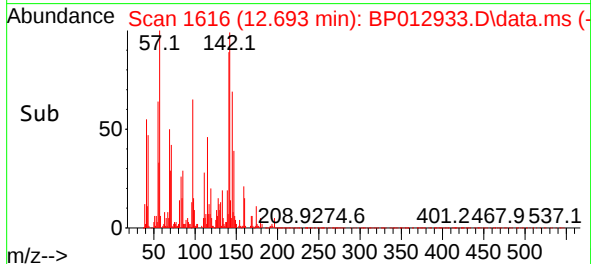
Instrument :
BNA_P
ClientSampleId :
GBNJ2



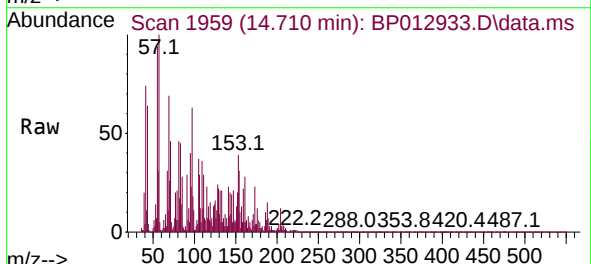
Tgt Ion:142 Resp: 111160
Ion Ratio Lower Upper
142 100
141 95.6 74.2 111.4
116 10.6 2.8 4.2

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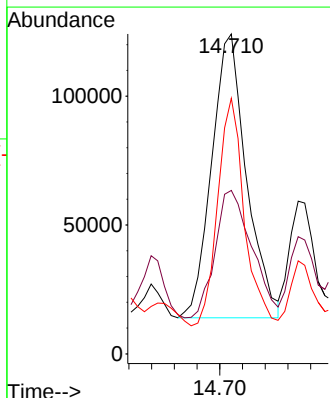
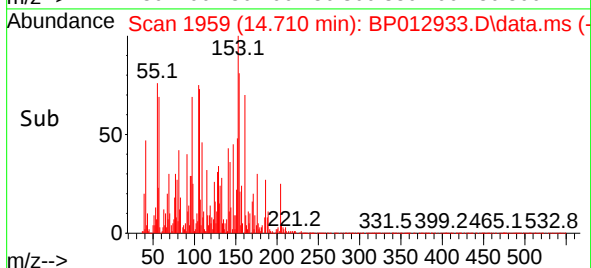
Reviewed By :Jagrut Upadhyay 12/05/2022
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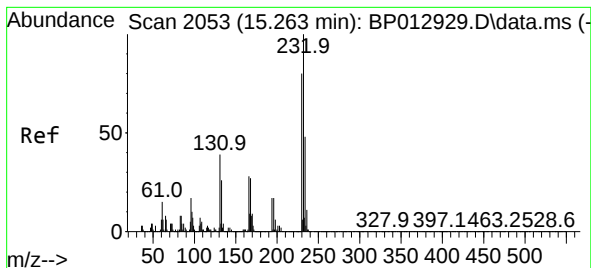


#52
Acenaphthene
Concen: 2.391 ng/ul
RT: 14.710 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28



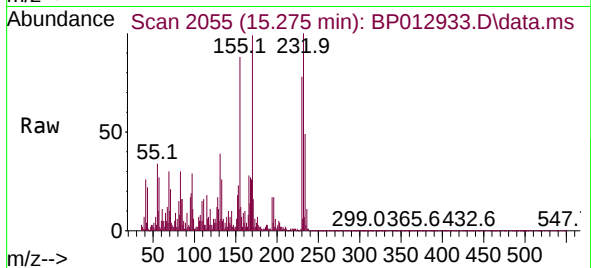
Tgt Ion:153 Resp: 234415
Ion Ratio Lower Upper
153 100
152 51.1 38.5 57.7
154 79.9 71.0 106.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 43.047 ng/ul
RT: 15.275 min Scan# 2055
Delta R.T. 0.012 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

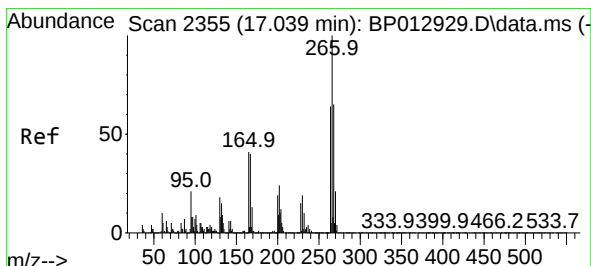
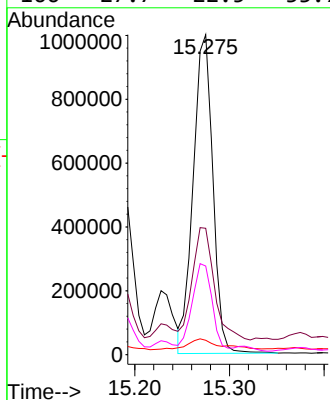
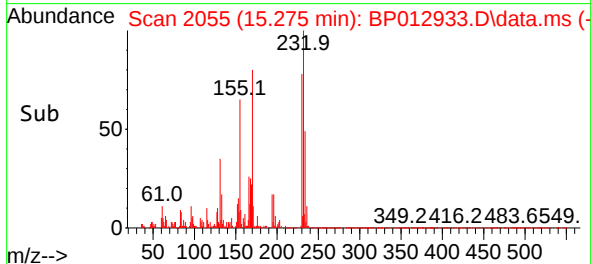
Instrument :
BNA_P
ClientSampleId :
GBNJ2



Tgt Ion:232 Resp: 1438159
Ion Ratio Lower Upper
232 100
131 39.5 31.0 46.6
130 4.5 1.8 2.6
166 27.7 22.5 33.7

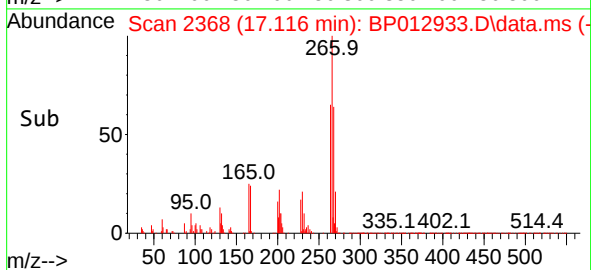
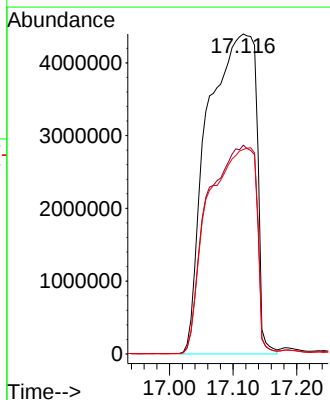
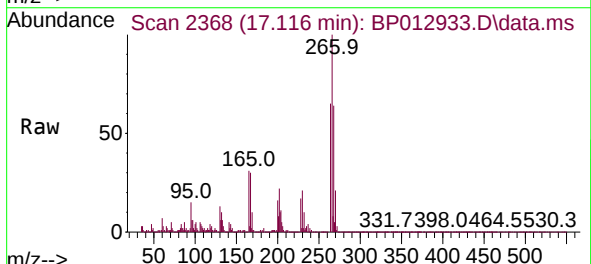
Manual Integrations
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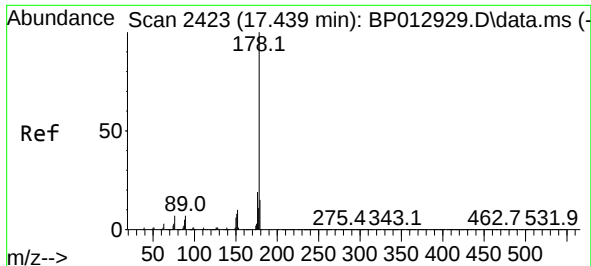
Reviewed By :Jagrut Upadhyay 12/05/2022
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#71
Pentachlorophenol
Concen: 896.103 ng/ul m
RT: 17.116 min Scan# 2368
Delta R.T. 0.077 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

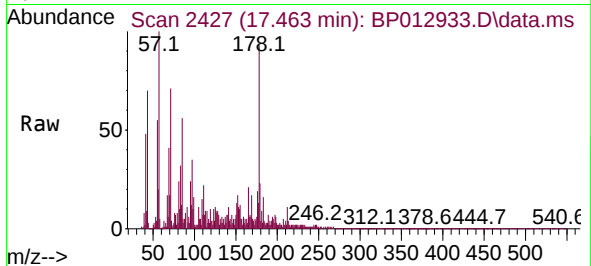
Tgt Ion:266 Resp:23353679
Ion Ratio Lower Upper
266 100
264 65.3 50.5 75.7
268 63.9 51.2 76.8





#72
Phenanthrene
Concen: 8.404 ng/ul
RT: 17.463 min Scan# 2423
Delta R.T. 0.024 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

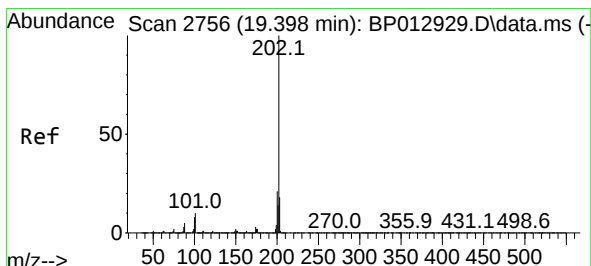
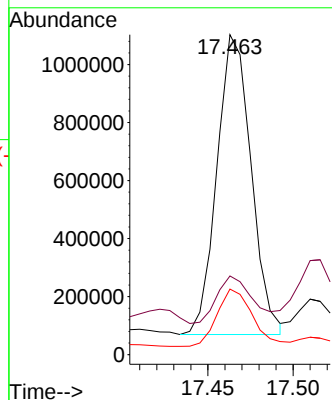
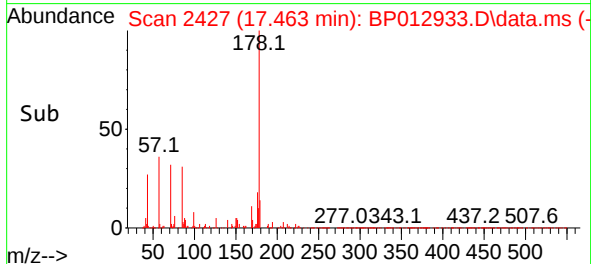
Instrument :
BNA_P
ClientSampleId :
GBNJ2



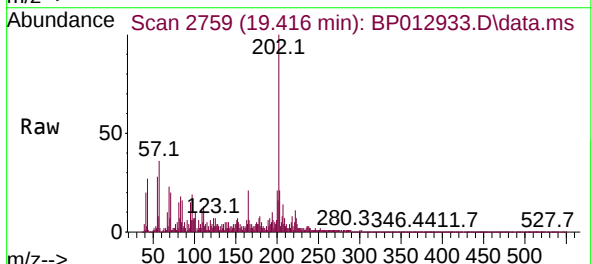
Tgt Ion:178 Resp: 1442734
Ion Ratio Lower Upper
178 100
179 24.6 12.6 18.8
176 20.5 15.4 23.0

Manual Integrations
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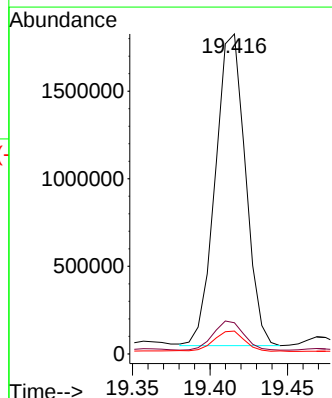
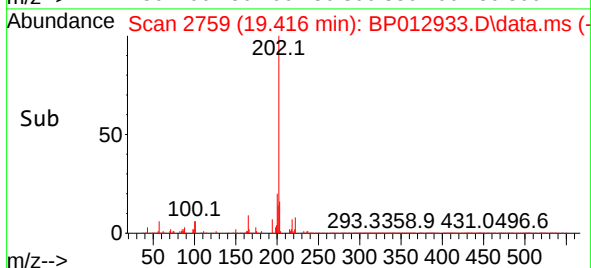
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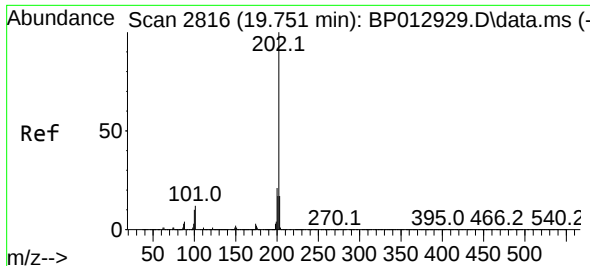


#80
Fluoranthene
Concen: 10.090 ng/ul
RT: 19.416 min Scan# 2759
Delta R.T. 0.018 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28



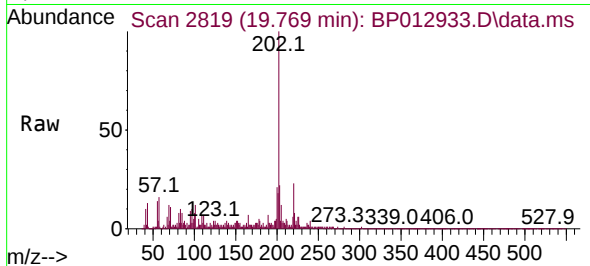
Tgt Ion:202 Resp: 2412865
Ion Ratio Lower Upper
202 100
101 9.7 7.9 11.9
100 7.1 6.2 9.4





#82
Pyrene
Concen: 15.346 ng/ul
RT: 19.769 min Scan# 2816
Delta R.T. 0.018 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

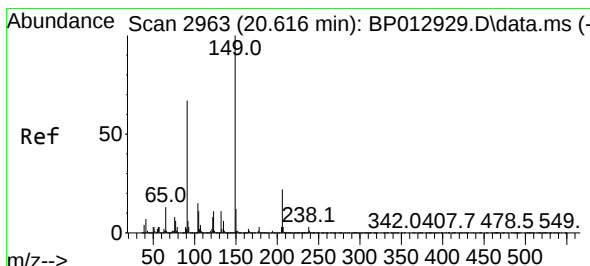
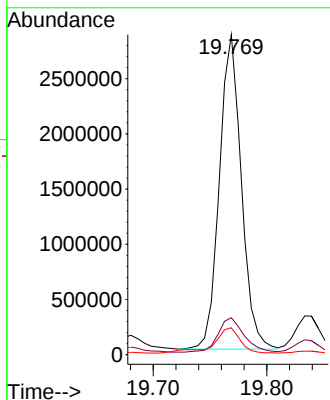
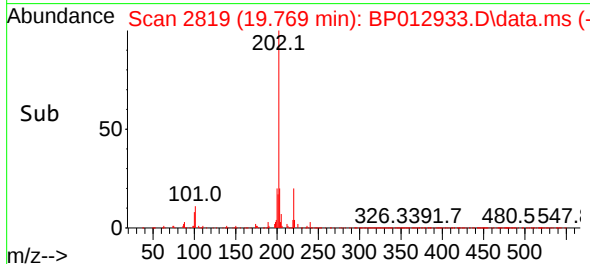
Instrument :
BNA_P
ClientSampleId :
GBNJ2



Tgt Ion:202 Resp: 3817993
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.4 7.7 11.5

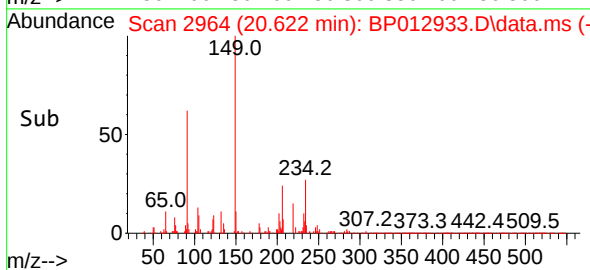
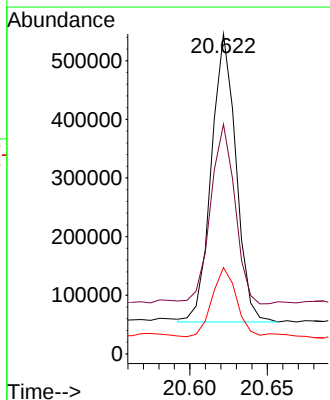
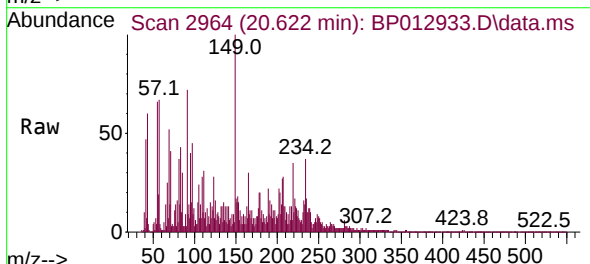
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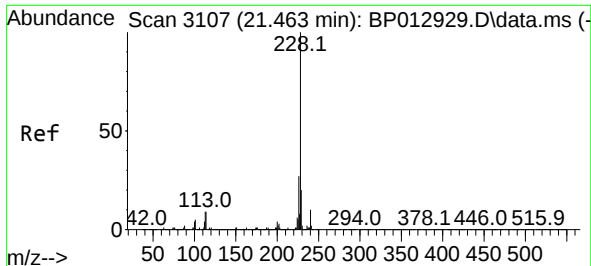
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/06/2022



#83
Butylbenzylphthalate
Concen: 5.437 ng/ul
RT: 20.622 min Scan# 2964
Delta R.T. 0.006 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

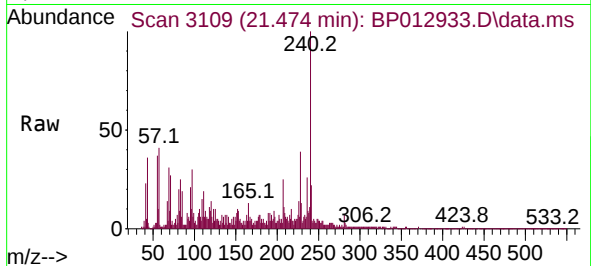
Tgt Ion:149 Resp: 545126
Ion Ratio Lower Upper
149 100
91 71.8 55.0 82.6
206 27.0 17.8 26.8#





#85
Benzo(a)anthracene
Concen: 1.599 ng/ul m
RT: 21.474 min Scan# 3109
Delta R.T. 0.012 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

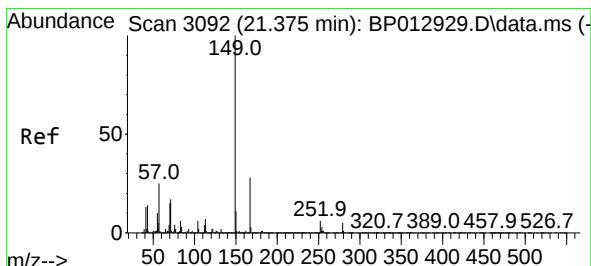
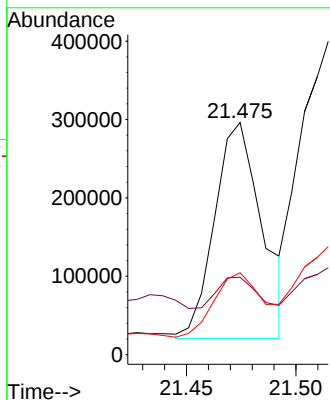
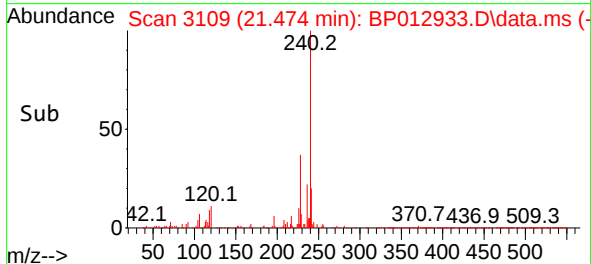
Instrument :
BNA_P
ClientSampleId :
GBNJ2



Tgt Ion:228 Resp: 414312
Ion Ratio Lower Upper
228 100
229 33.3 16.2 24.2#
226 35.3 22.0 33.0#

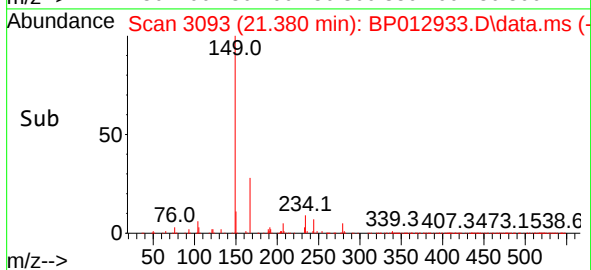
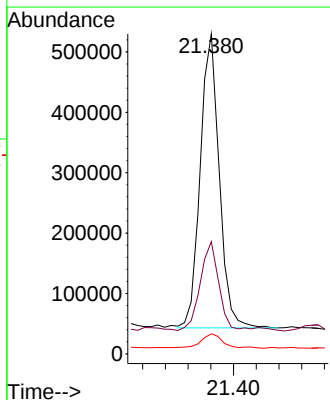
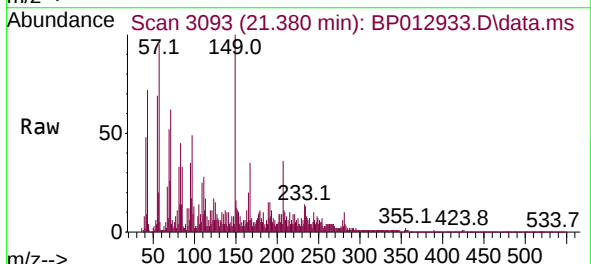
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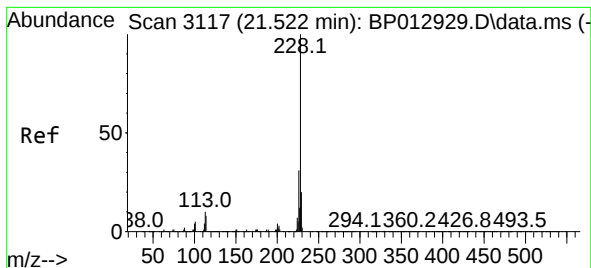
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/06/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.868 ng/ul
RT: 21.380 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:149 Resp: 565538
Ion Ratio Lower Upper
149 100
167 35.1 22.6 33.8#
279 6.3 3.5 5.3#





#87

Chrysene

Concen: 5.658 ng/ul

RT: 21.527 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

Instrument :

BNA_P

ClientSampleId :

GBNJ2

Tgt Ion:228 Resp: 137551

Ion Ratio Lower Upper

228 100

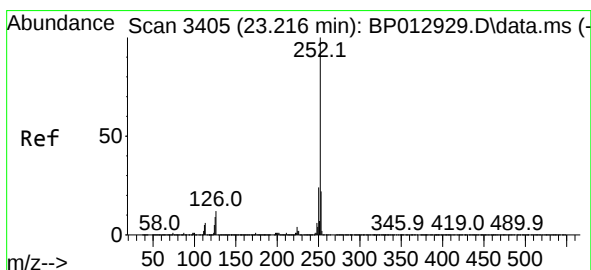
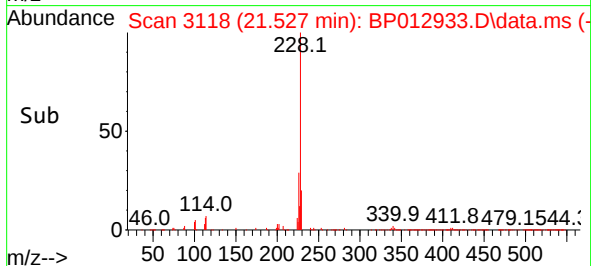
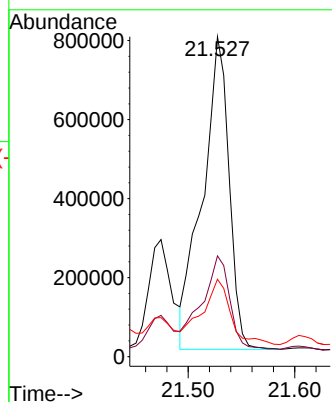
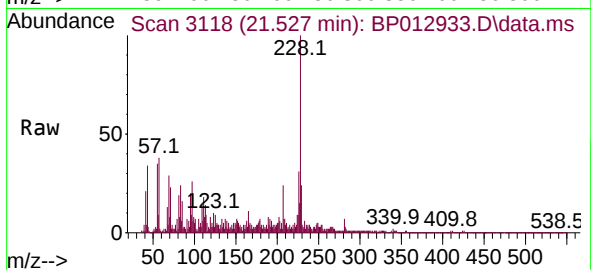
226 31.5 24.3 36.5

229 24.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/06/2022



#90

Benzo(b)fluoranthene

Concen: 5.100 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. 0.006 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

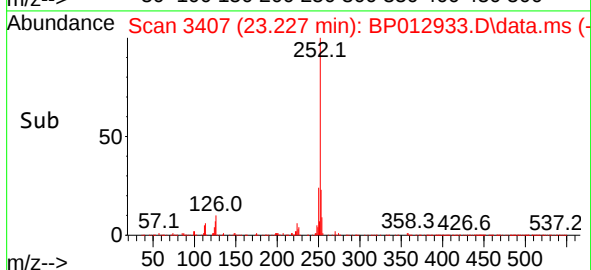
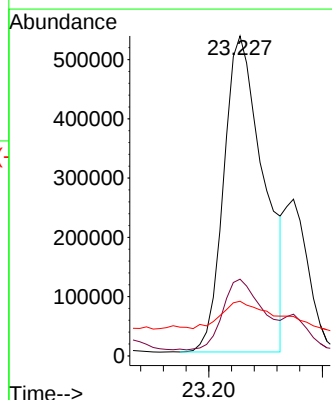
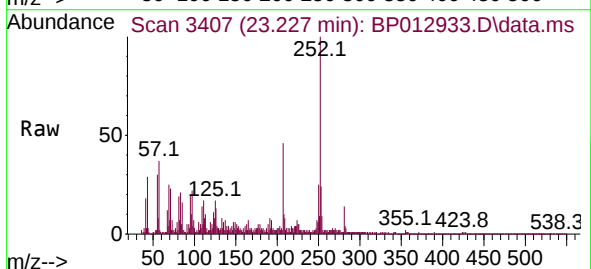
Tgt Ion:252 Resp: 1301766

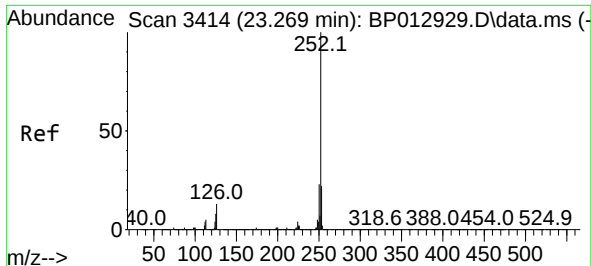
Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

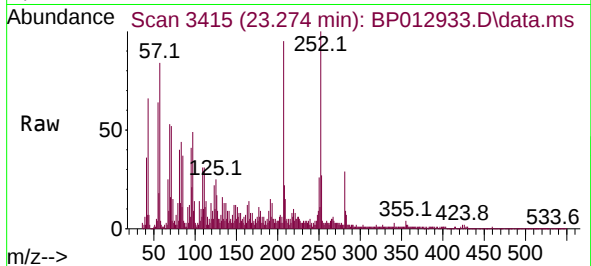
125 17.1 7.1 10.7#





#91
Benzo(k)fluoranthene
Concen: 1.583 ng/ul m
RT: 23.274 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

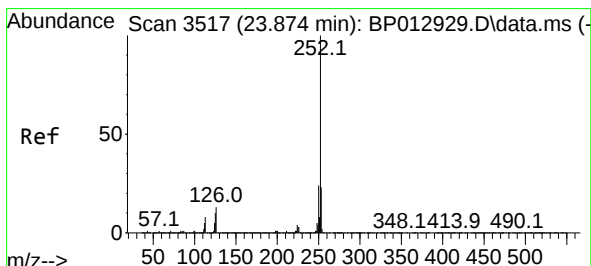
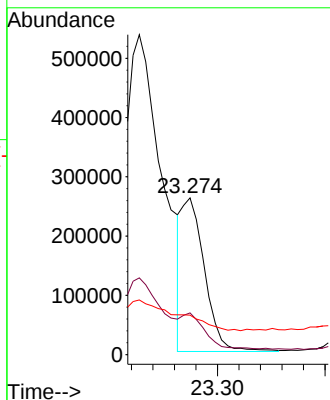
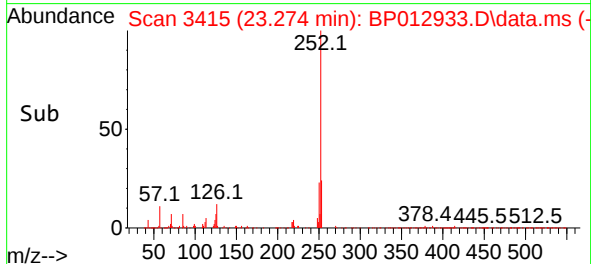
Instrument :
BNA_P
ClientSampleId :
GBNJ2



Tgt Ion:252 Resp: 383186
Ion Ratio Lower Upper
252 100
253 26.6 17.6 26.4
125 25.1 7.1 10.7

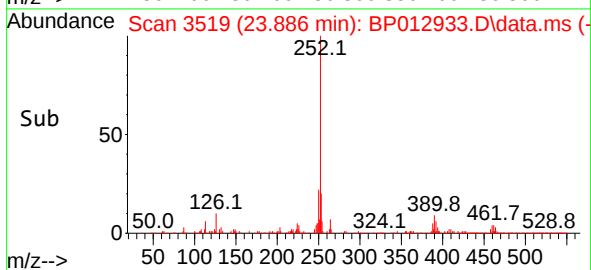
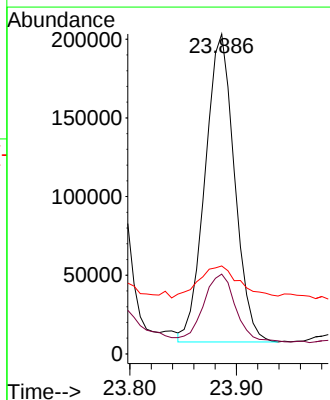
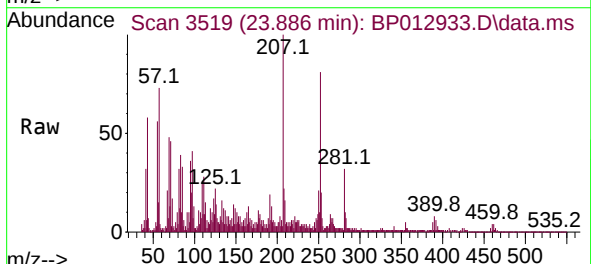
Manual Integrations
APPROVED

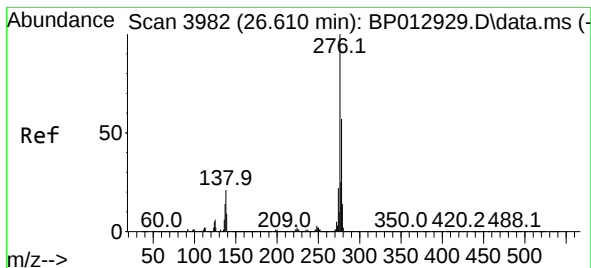
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/06/2022



#93
Benzo(a)pyrene
Concen: 1.665 ng/ul
RT: 23.886 min Scan# 3519
Delta R.T. 0.012 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:252 Resp: 375126
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 27.5 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.299 ng/ul

RT: 26.627 min Scan# 3982

Delta R.T. 0.012 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

Instrument :

BNA_P

ClientSampleId :

GBNJ2

Tgt Ion:276 Resp: 35823

Ion Ratio Lower Upper

276 100

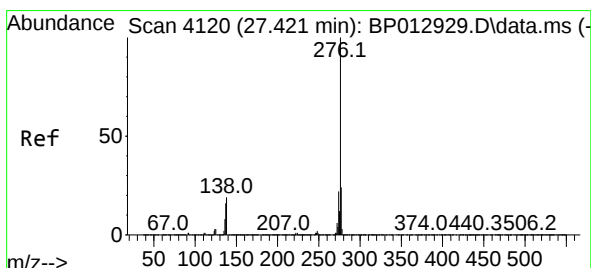
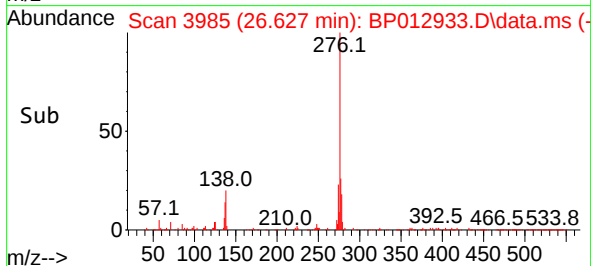
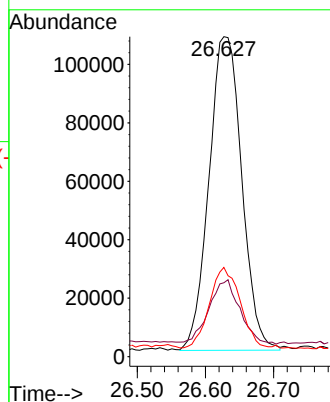
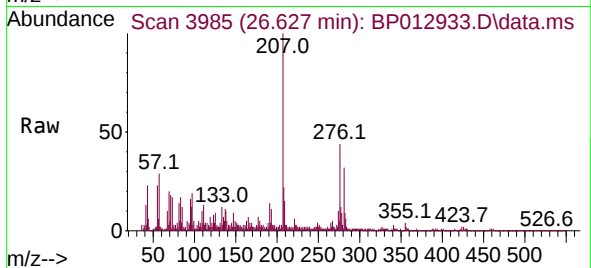
138 23.1 17.9 26.9

277 27.9 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/06/2022



#96

Benzo(g,h,i)perylene

Concen: 1.119 ng/ul

RT: 27.439 min Scan# 4123

Delta R.T. 0.018 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

Tgt Ion:276 Resp: 267923

Ion Ratio Lower Upper

276 100

138 22.7 15.9 23.9

277 27.6 19.2 28.8

