

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016921.D
 Acq On : 01 Sep 2023 22:43
 Operator : MA/JU
 Sample : 04113-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYJ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023

Quant Time: Sep 02 00:49:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	401920	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	1576265	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.687	164	948985	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1962335	20.000	ng/u1	0.01
79) Chrysene-d12	21.545	240	1319519	20.000	ng/u1	0.00
88) Perylene-d12	24.122	264	1338200	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	33024	3.396	ng/uL	0.00
4) Pyridine-d5	3.828	84	27398	0.922	ng/u1	0.02
7) Phenol-d5	7.164	99	580912	16.254	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	477253	20.952	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	475163	17.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	208118	7.133	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	261602	21.950	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	253483	20.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	385291	16.451	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	172862	4.813	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	1242625	17.363	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1681998	20.790	ng/u1	0.01
54) 4-Nitrophenol-d4	14.881	143	190889	12.905	ng/u1	0.00
60) Fluorene-d10	15.687	176	1300639	21.581	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.822	200	104369	8.931	ng/u1	0.02
73) Anthracene-d10	17.557	188	1891058	21.741	ng/u1	0.01
81) Pyrene-d10	19.781	212	1985047	27.391	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1407884	21.003	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.193	94	89407	2.390	ng/u1	94
16) Acetophenone	8.869	105	102268	2.261	ng/u1#	83
18) 4-Methylphenol	8.793	108	67140	2.198	ng/u1	91
36) 2-Methylnaphthalene	12.510	142	176963	3.140	ng/u1	95
37) 1-Methylnaphthalene	12.734	142	2470581	43.470	ng/u1#	97
52) Acenaphthene	14.757	153	806727	13.169	ng/u1#	83
61) Fluorene	15.746	166	1265041	17.993	ng/u1#	91
72) Phenanthrene	17.504	178	2882753	27.905	ng/u1#	91
80) Fluoranthene	19.451	202	231026	2.654	ng/u1#	88
82) Pyrene	19.810	202	685766	7.626	ng/u1#	89
87) Chrysene	21.586	228	82734m	1.002	ng/u1	

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

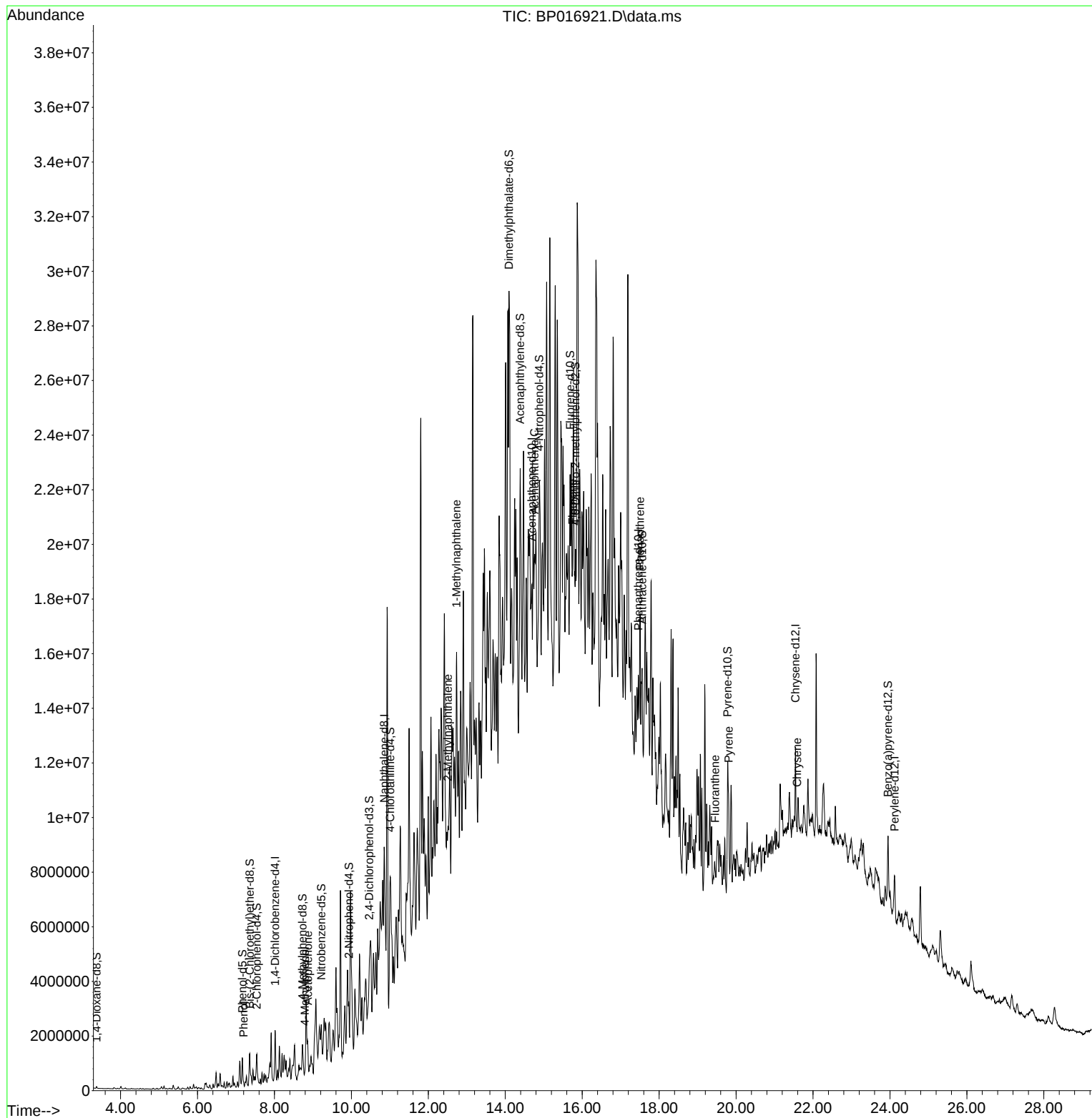
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016921.D
Acq On : 01 Sep 2023 22:43
Operator : MA/JU
Sample : 04113-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

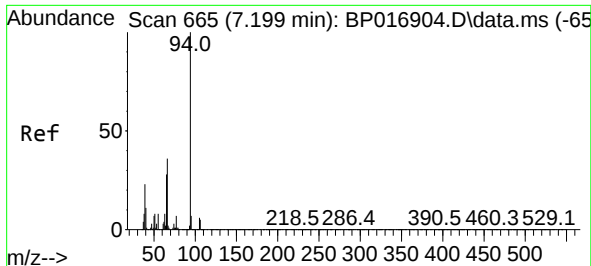
Instrument :
BNA_P
ClientSampleId :
EZYJ2

Quant Time: Sep 02 00:49:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 02:25:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

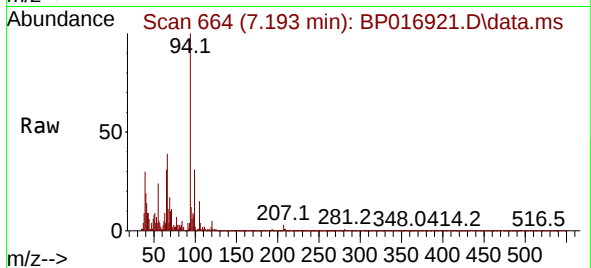
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023





#8
Phenol
Concen: 2.390 ng/u1
RT: 7.193 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43

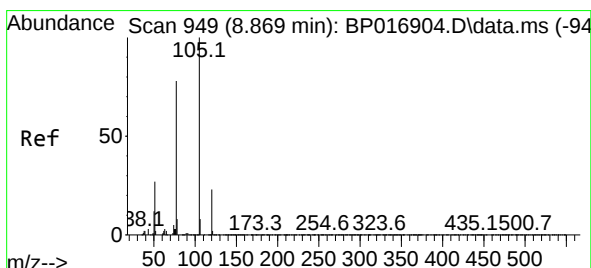
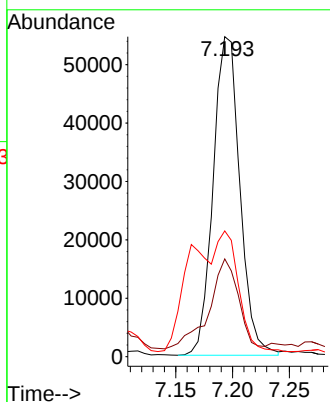
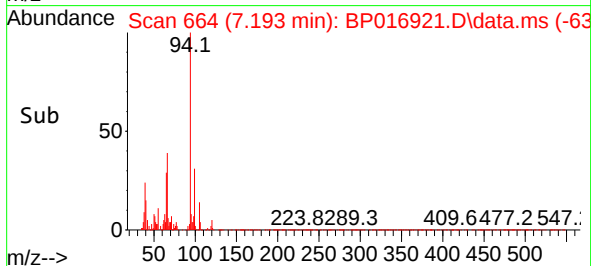
Instrument :
BNA_P
ClientSampleId :
EZYJ2



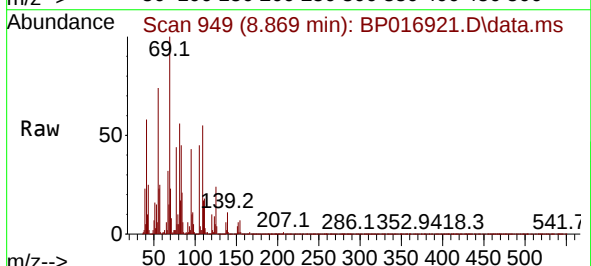
Tgt Ion: 94 Resp: 8940
Ion Ratio Lower Upper
94 100
65 30.5 22.4 33.6
66 39.3 28.6 42.8

Manual Integrations
APPROVED

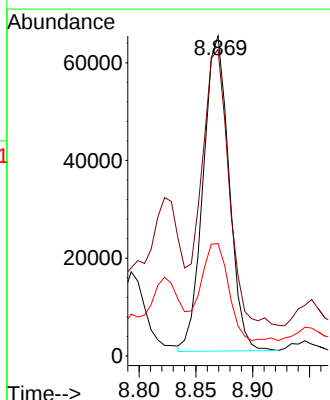
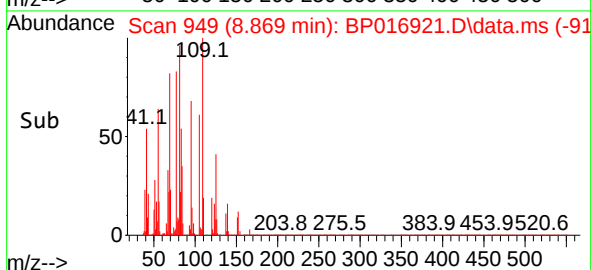
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023

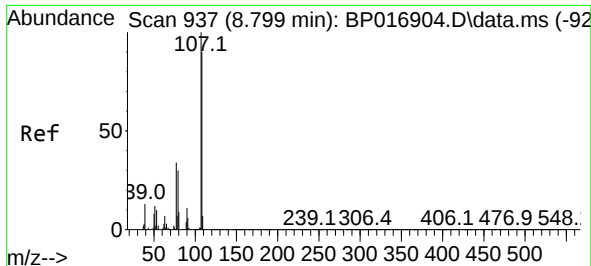


#16
Acetophenone
Concen: 2.261 ng/u1
RT: 8.869 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43



Tgt Ion:105 Resp: 102268
Ion Ratio Lower Upper
105 100
77 95.8 64.2 96.4
51 35.1 22.2 33.4#





#18

4-Methylphenol

Concen: 2.198 ng/ul

RT: 8.793 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP016921.D

Acq: 01 Sep 2023 22:43

Instrument :

BNA_P

ClientSampleId :

EZYJ2

Tgt Ion:108 Resp: 67140

Ion Ratio Lower Upper

108 100

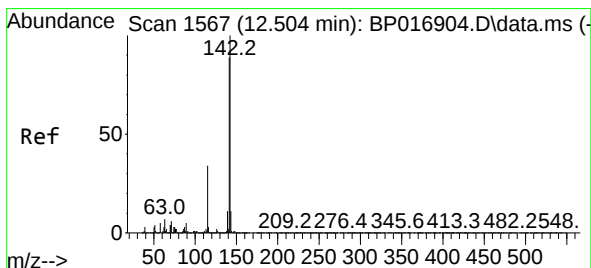
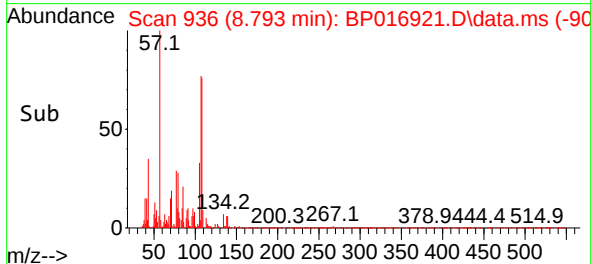
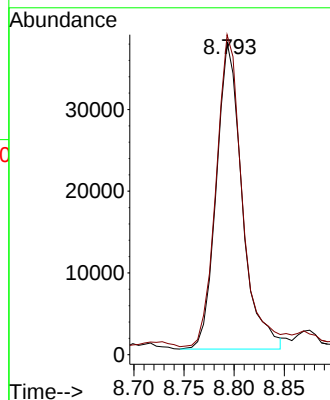
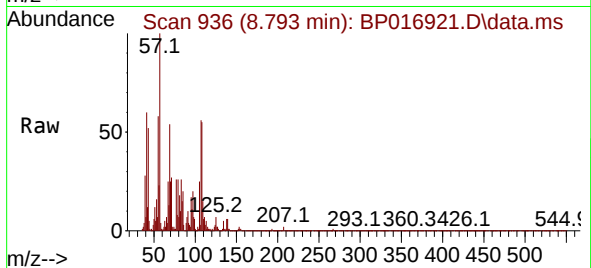
107 102.4 89.8 134.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/04/2023

Supervised By :mohammad ahmed 09/05/2023



#36

2-Methylnaphthalene

Concen: 3.140 ng/ul

RT: 12.510 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BP016921.D

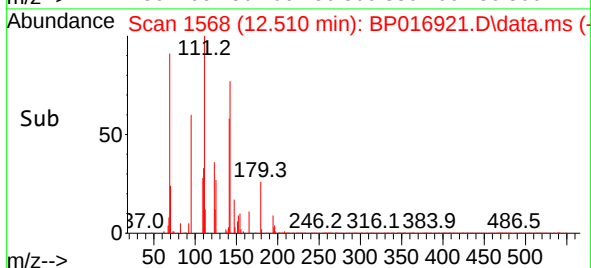
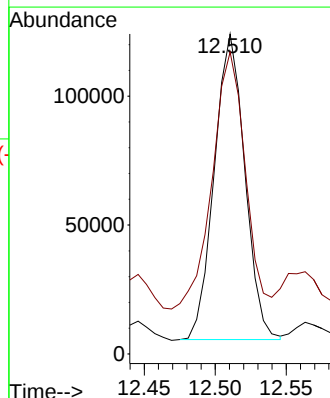
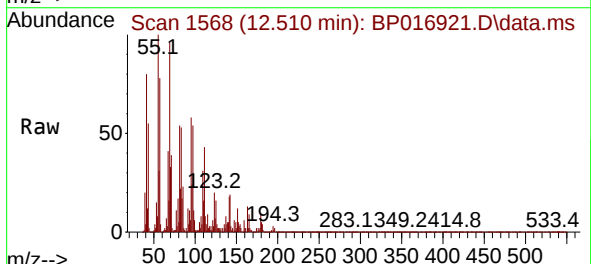
Acq: 01 Sep 2023 22:43

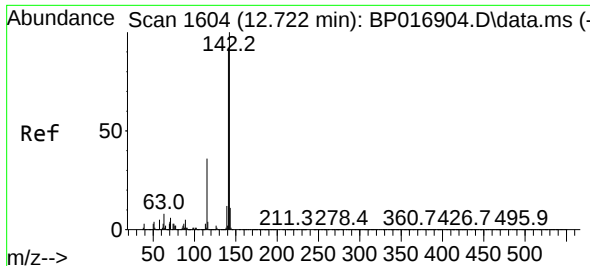
Tgt Ion:142 Resp: 176963

Ion Ratio Lower Upper

142 100

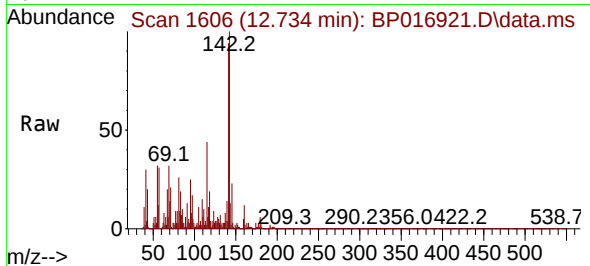
141 94.3 71.4 107.0





#37
1-Methylnaphthalene
Concen: 43.470 ng/ul
RT: 12.734 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43

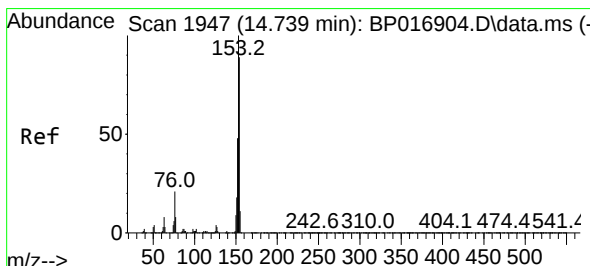
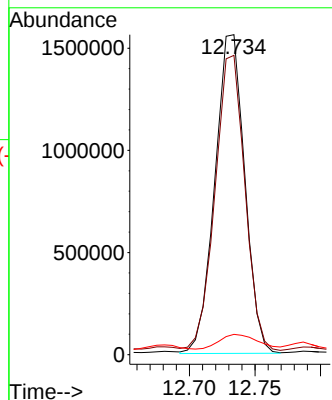
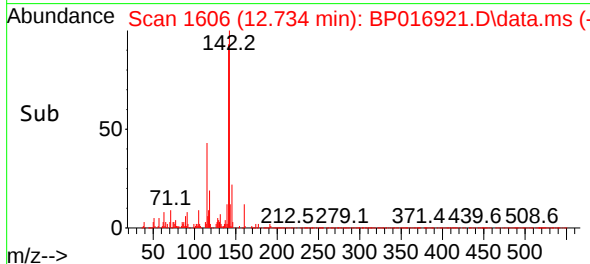
Instrument :
BNA_P
ClientSampleId :
EZYJ2



Tgt Ion:142 Resp: 247058
Ion Ratio Lower Upper
142 100
141 93.6 73.0 109.4
116 6.4 3.1 4.7

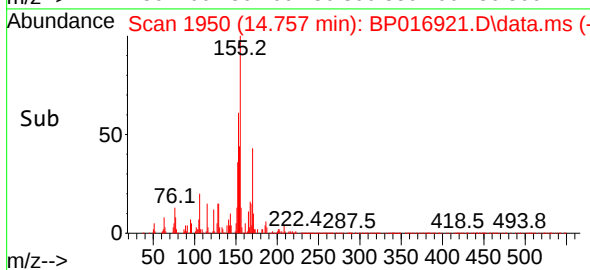
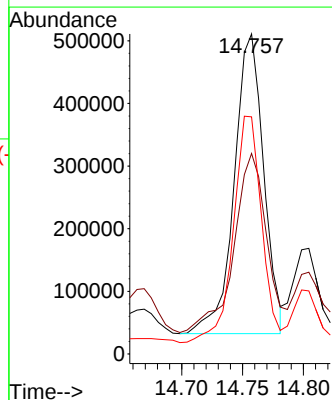
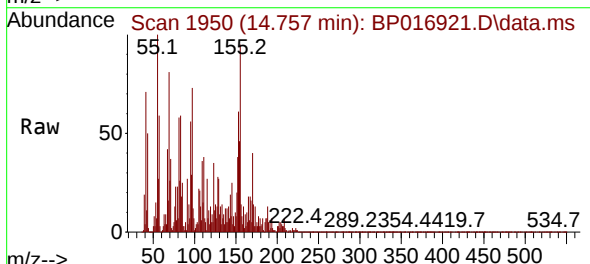
Manual Integrations
APPROVED

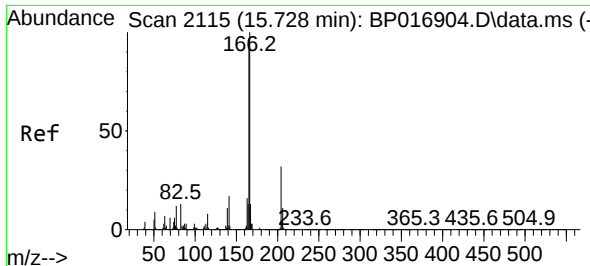
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#52
Acenaphthene
Concen: 13.169 ng/ul
RT: 14.757 min Scan# 1950
Delta R.T. 0.018 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43

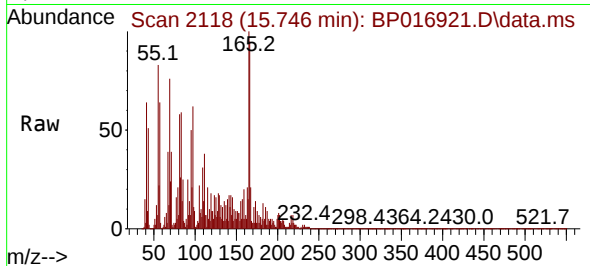
Tgt Ion:153 Resp: 806727
Ion Ratio Lower Upper
153 100
152 62.6 38.5 57.7#
154 74.1 70.6 105.8





#61
Fluorene
Concen: 17.993 ng/u1
RT: 15.746 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43

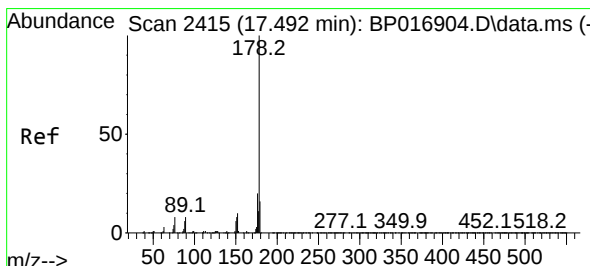
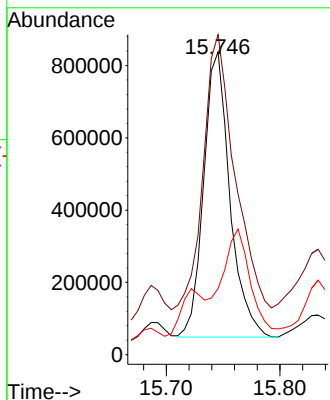
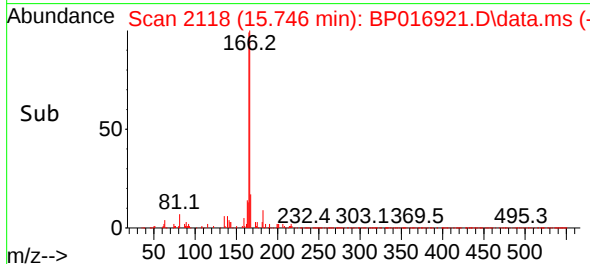
Instrument :
BNA_P
ClientSampleId :
EZYJ2



Tgt Ion:166 Resp: 126504
Ion Ratio Lower Upper
166 100
165 105.7 78.8 118.2
167 21.9 10.9 16.3

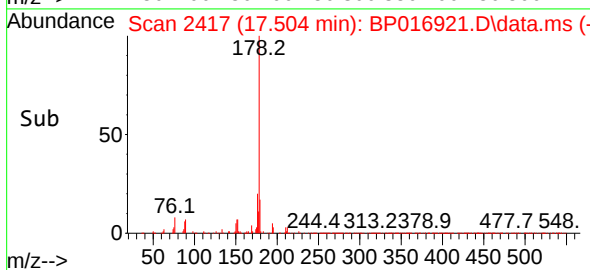
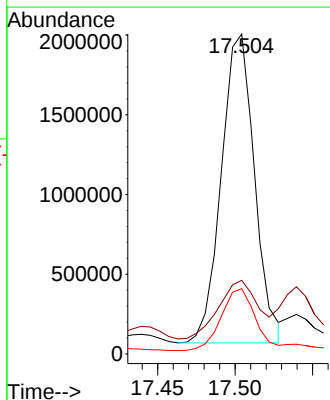
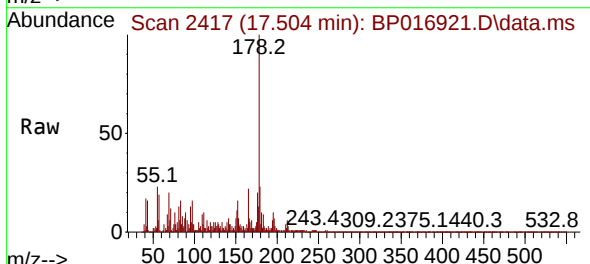
Manual Integrations
APPROVED

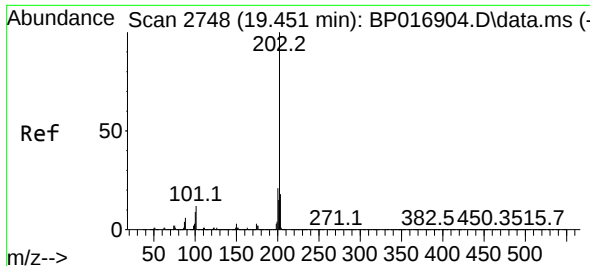
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#72
Phenanthrene
Concen: 27.905 ng/u1
RT: 17.504 min Scan# 2417
Delta R.T. 0.018 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43

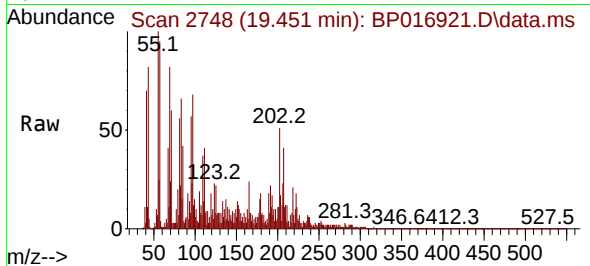
Tgt Ion:178 Resp: 2882753
Ion Ratio Lower Upper
178 100
179 23.0 12.4 18.6#
176 20.4 15.6 23.4





#80
Fluoranthene
Concen: 2.654 ng/u1
RT: 19.451 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43

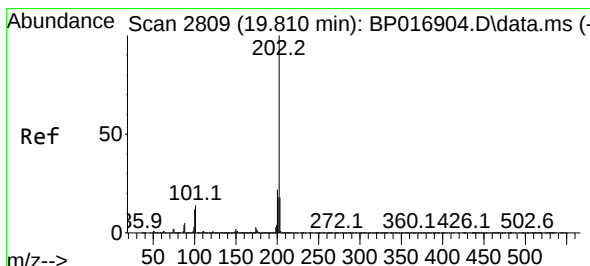
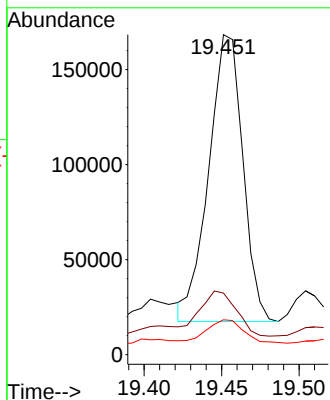
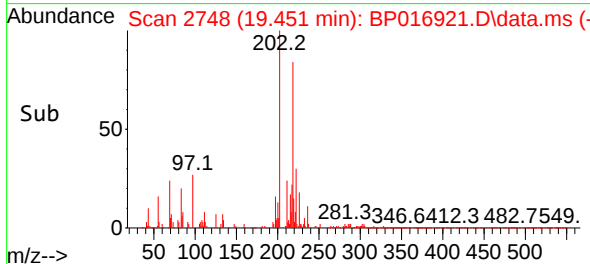
Instrument :
BNA_P
ClientSampleId :
EZYJ2



Tgt Ion:202 Resp: 231020
Ion Ratio Lower Upper
202 100
101 19.3 9.7 14.5
100 10.9 7.4 11.2

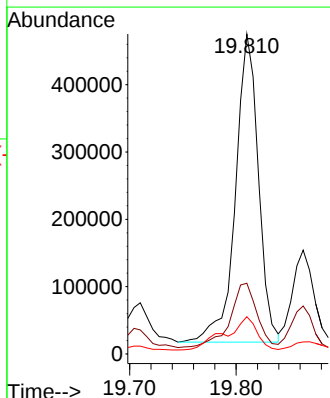
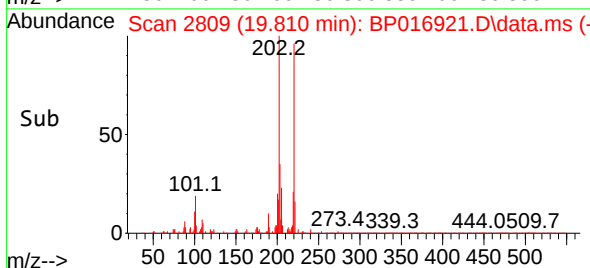
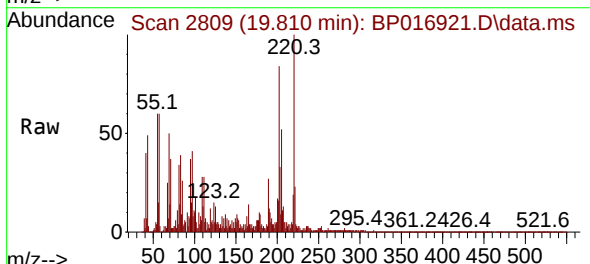
Manual Integrations
APPROVED

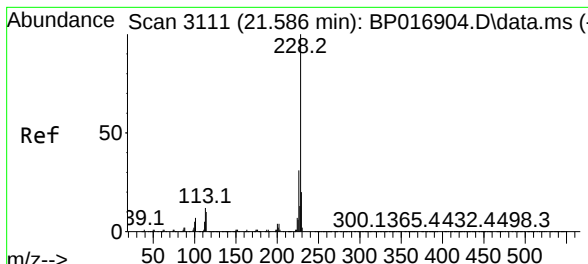
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#82
Pyrene
Concen: 7.626 ng/u1
RT: 19.810 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP016921.D
Acq: 01 Sep 2023 22:43

Tgt Ion:202 Resp: 685766
Ion Ratio Lower Upper
202 100
101 22.1 11.4 17.2#
100 11.7 9.4 14.2





#87
 Chrysene
 Concen: 1.002 ng/ul m
 RT: 21.586 min Scan# 3111
 Delta R.T. 0.006 min
 Lab File: BP016921.D
 Acq: 01 Sep 2023 22:43

Instrument : BNA_P
 ClientSampleId : EZYJ2

Tgt Ion:	228	Resp:	82734
Ion Ratio	Lower	Upper	
228	100		
226	37.3	25.0	37.4
229	57.1	16.0	24.0

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023

