

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018908.D
 Acq On : 18 Dec 2023 15:52
 Operator : MA/JU
 Sample : 05794-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 18 23:22:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	288179	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1024404	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	573797	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1219772	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1248175	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1514221	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3139	0.371	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.005	99	54680	1.891	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	30701	1.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	42555	1.886	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	34258	1.464	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	18572	2.037	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	20054	2.121	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	47137	2.439	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	19972	0.791	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	147173	2.874	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	163549	2.900	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	11438	1.361	ng/u1	0.01
60) Fluorene-d10	15.451	176	131076	3.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	4545	0.621	ng/u1	0.00
73) Anthracene-d10	17.310	188	209927	3.274	ng/u1	0.00
81) Pyrene-d10	19.551	212	268965	2.768	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	283939	3.216	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.658	105	78851	2.261	ng/u1	98
52) Acenaphthene	14.522	153	52218	1.246	ng/u1	94
61) Fluorene	15.510	166	75919	1.647	ng/u1#	99
72) Phenanthrene	17.251	178	1211438	16.444	ng/u1	99
74) Anthracene	17.345	178	304778	4.127	ng/u1	99
77) Carbazole	17.622	167	116288	1.976	ng/u1	99
80) Fluoranthene	19.228	202	1898497m	16.531	ng/u1	
82) Pyrene	19.581	202	1716335	14.814	ng/u1#	93
85) Benzo(a)anthracene	21.292	228	895883	8.843	ng/u1	99
87) Chrysene	21.339	228	835458	8.955	ng/u1	97
90) Benzo(b)fluoranthene	22.951	252	1089546	9.759	ng/u1	98
91) Benzo(k)fluoranthene	22.998	252	426613m	3.949	ng/u1	
93) Benzo(a)pyrene	23.569	252	830462	8.141	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	616931	5.062	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.139	278	159369	1.572	ng/u1#	93
96) Benzo(g,h,i)perylene	26.886	276	381516	3.889	ng/u1	94

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

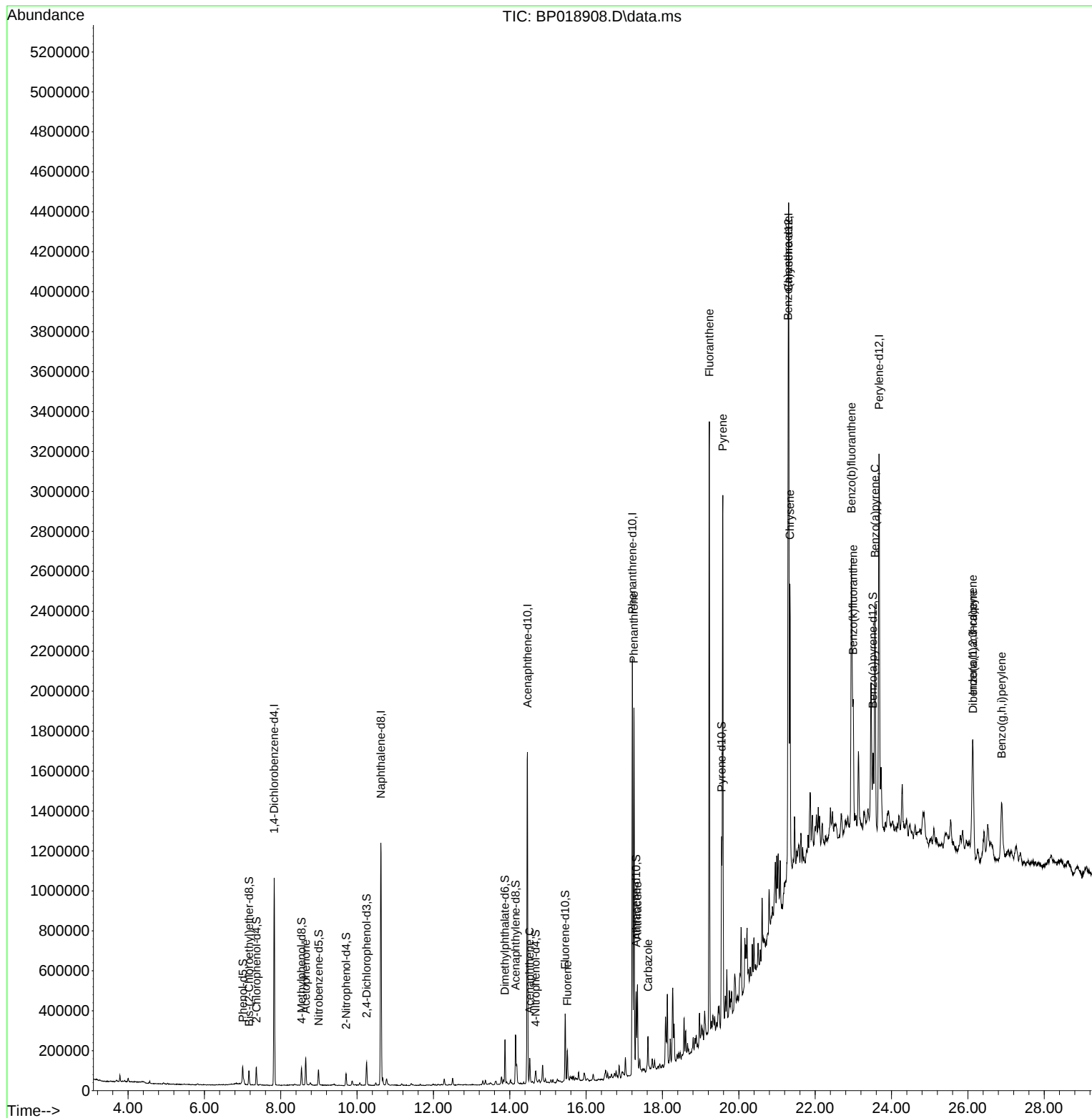
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018908.D
Acq On : 18 Dec 2023 15:52
Operator : MA/JU
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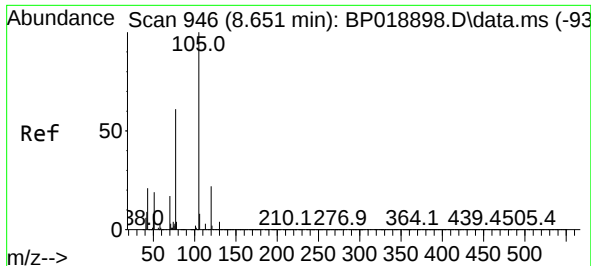
Instrument :
BNA_P
ClientSampleId :
BH3Q1DL

Quant Time: Dec 18 23:22:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
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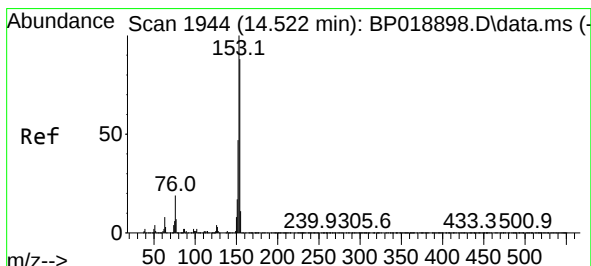
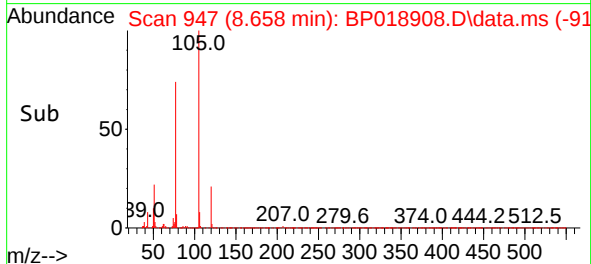
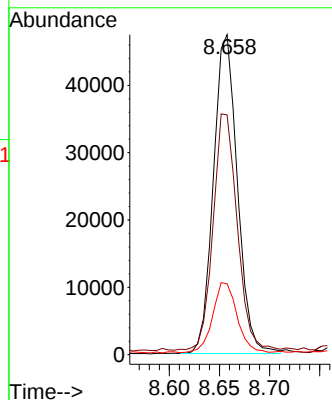
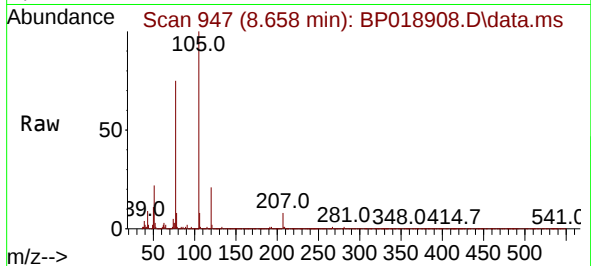
#16
Acetophenone
Concen: 2.261 ng/ul
RT: 8.658 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

Instrument :
BNA_P
ClientSampleId :
BH3Q1DL

Tgt Ion:105 Resp: 7885
Ion Ratio Lower Upper
105 100
77 74.9 59.4 89.0
51 22.2 19.4 29.0

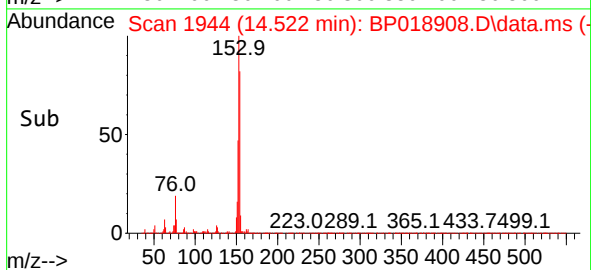
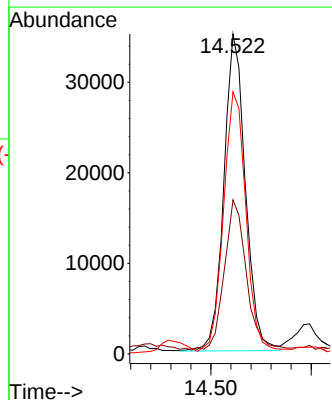
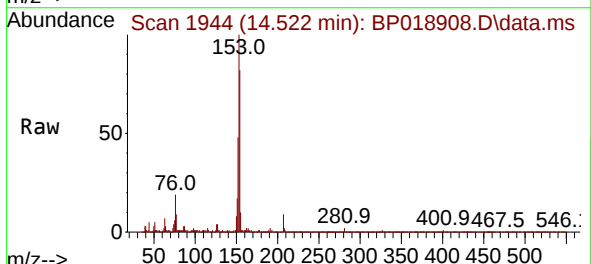
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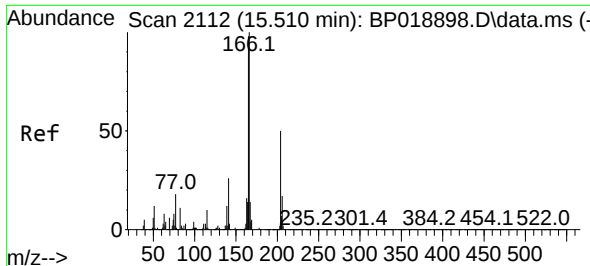
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#52
Acenaphthene
Concen: 1.246 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

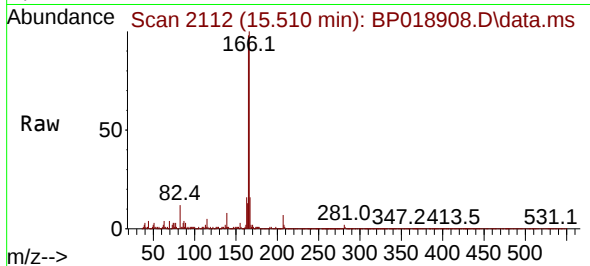
Tgt Ion:153 Resp: 52218
Ion Ratio Lower Upper
153 100
152 48.2 38.1 57.1
154 81.9 71.7 107.5





#61
Fluorene
Concen: 1.647 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

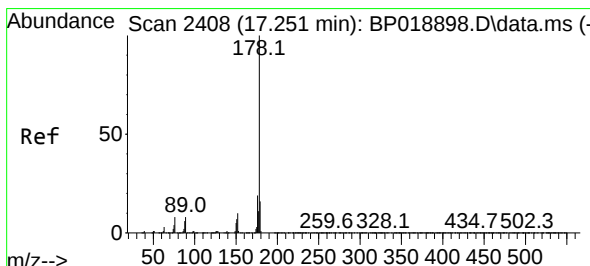
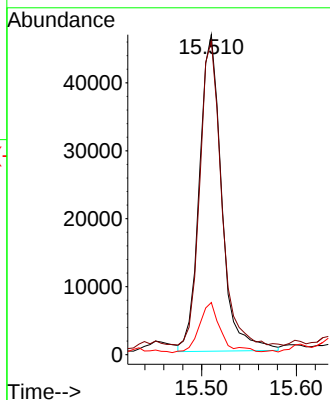
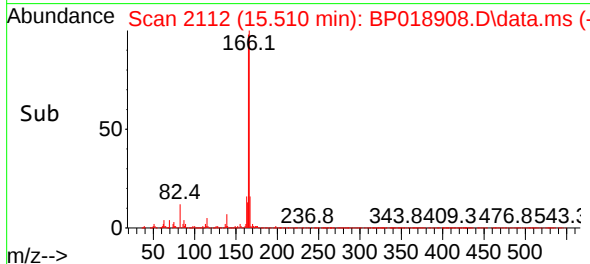
Instrument :
BNA_P
ClientSampleId :
BH3Q1DL



Tgt Ion:166 Resp: 75919
Ion Ratio Lower Upper
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165 98.0 78.0 117.0
167 16.3 10.8 16.2

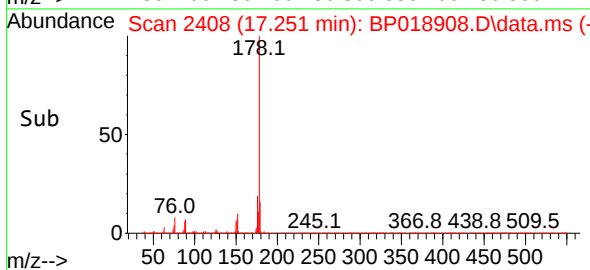
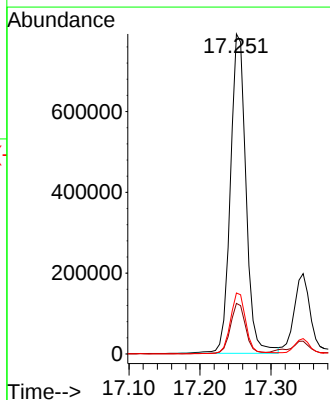
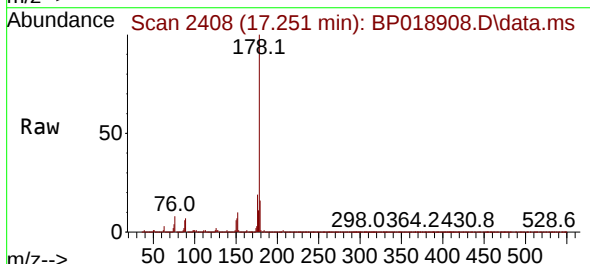
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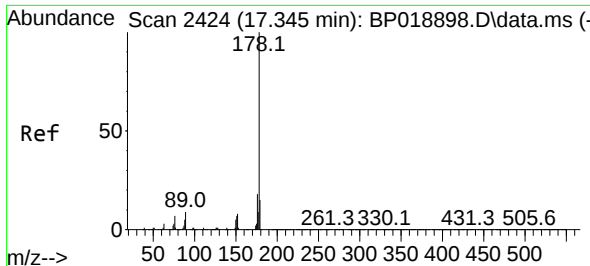
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#72
Phenanthrene
Concen: 16.444 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

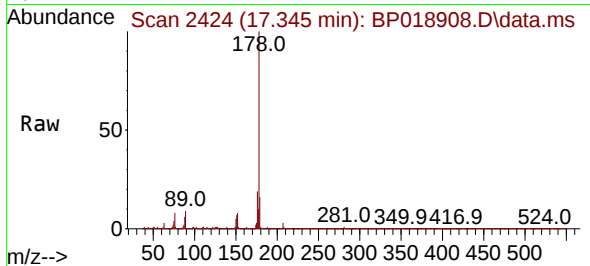
Tgt Ion:178 Resp: 1211438
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.0 15.4 23.2





#74
 Anthracene
 Concen: 4.127 ng/ul
 RT: 17.345 min Scan# 2424
 Delta R.T. 0.000 min
 Lab File: BP018908.D
 Acq: 18 Dec 2023 15:52

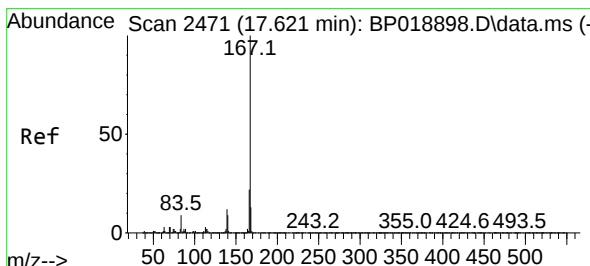
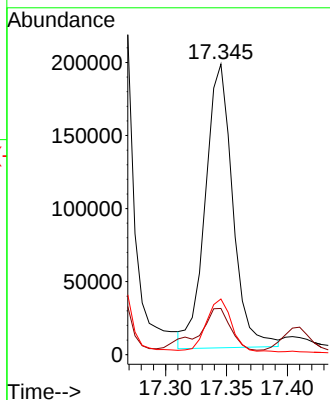
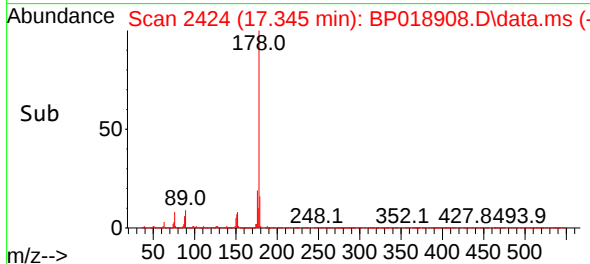
Instrument :
 BNA_P
 ClientSampleId :
 BH3Q1DL



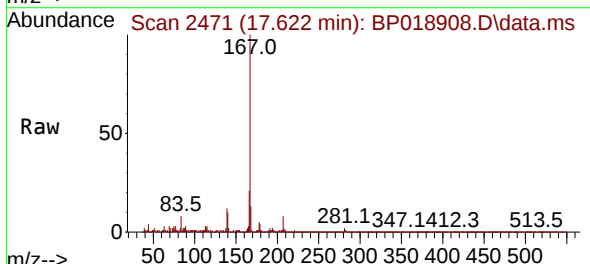
Tgt Ion:178 Resp: 304778
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.2 15.0 22.6

Manual Integrations
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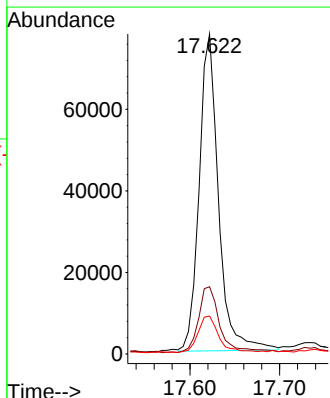
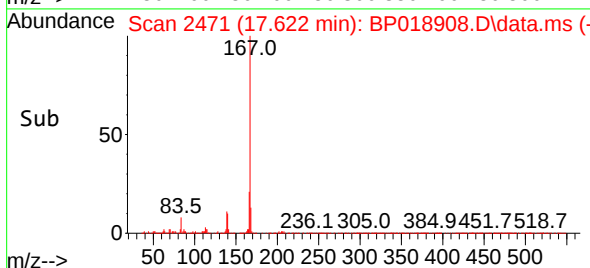
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

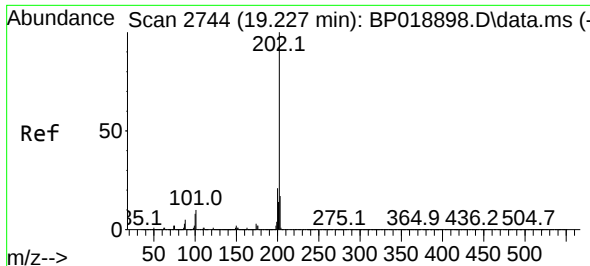


#77
 Carbazole
 Concen: 1.976 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BP018908.D
 Acq: 18 Dec 2023 15:52



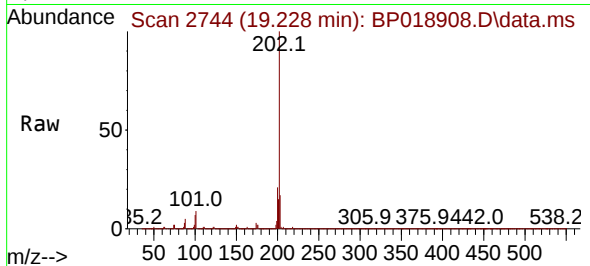
Tgt Ion:167 Resp: 116288
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 11.9 10.2 15.4





#80
Fluoranthene
Concen: 16.531 ng/ul m
RT: 19.228 min Scan# 2744
Delta R.T. 0.000 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

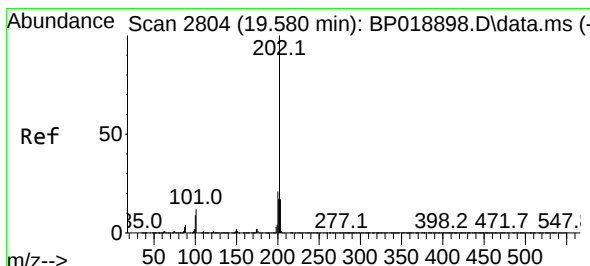
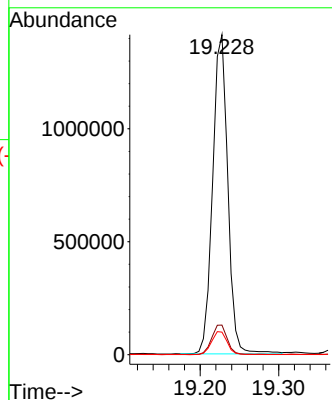
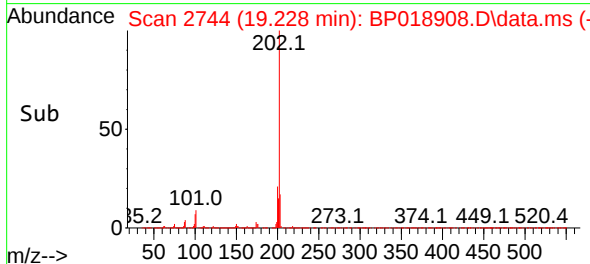
Instrument :
BNA_P
ClientSampleId :
BH3Q1DL



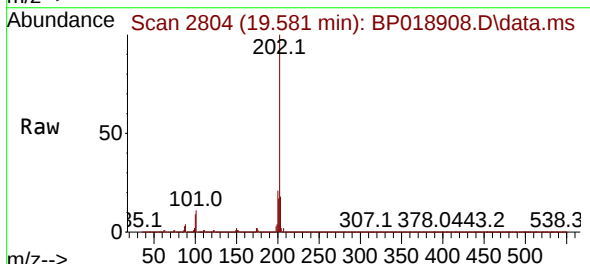
Tgt Ion:202 Resp: 189849
Ion Ratio Lower Upper
202 100
101 9.3 9.1 13.7
100 7.1 7.1 10.7

Manual Integrations
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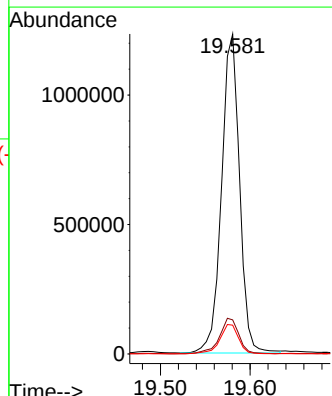
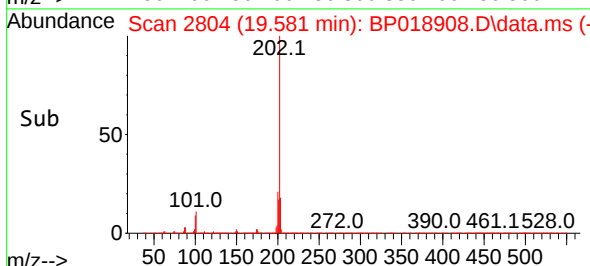
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

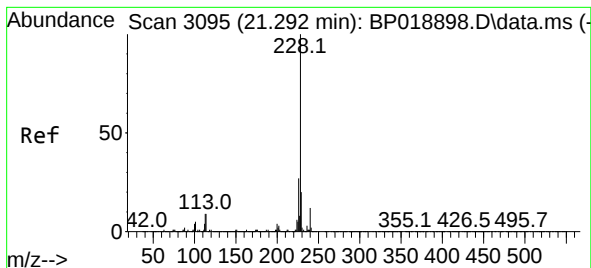


#82
Pyrene
Concen: 14.814 ng/ul
RT: 19.581 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52



Tgt Ion:202 Resp: 1716335
Ion Ratio Lower Upper
202 100
101 10.7 11.0 16.4#
100 9.0 9.1 13.7#





#85

Benzo(a)anthracene

Concen: 8.843 ng/u1

RT: 21.292 min Scan# 3095

Delta R.T. 0.006 min

Lab File: BP018908.D

Acq: 18 Dec 2023 15:52

Instrument :

BNA_P

ClientSampleId :

BH3Q1DL

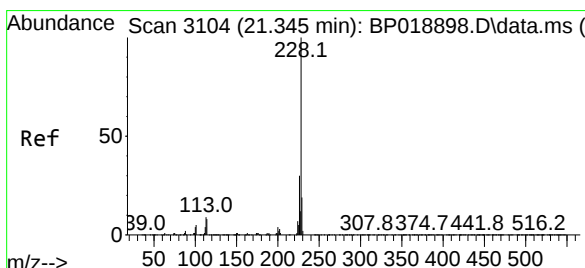
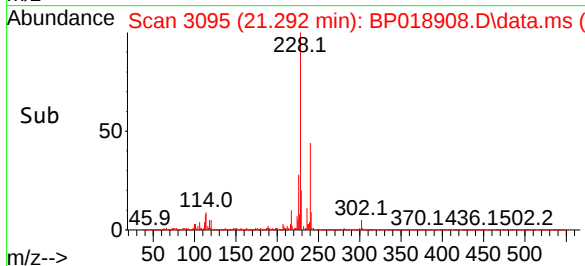
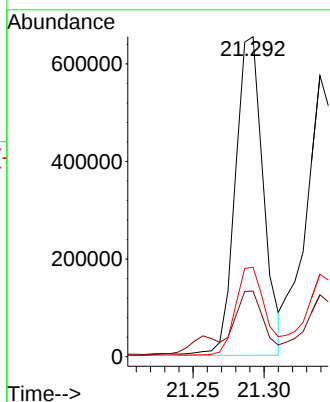
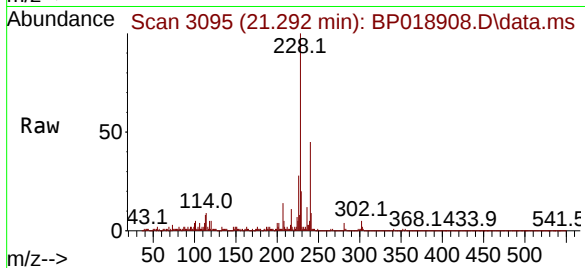
Tgt Ion:	228	Resp:	89588
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	28.0	21.9	32.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#87

Chrysene

Concen: 8.955 ng/u1

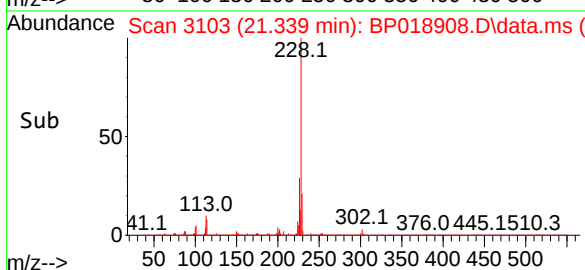
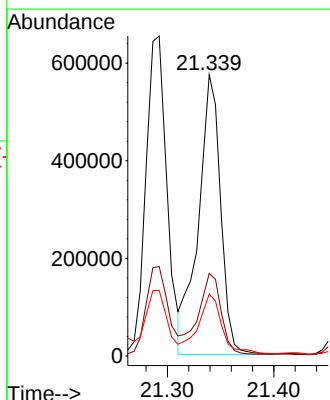
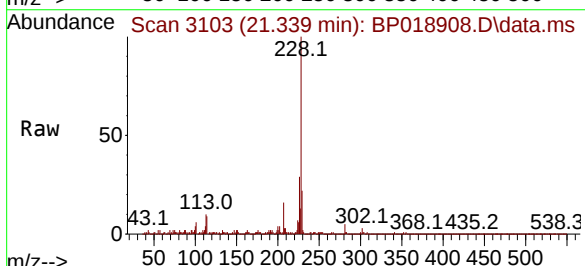
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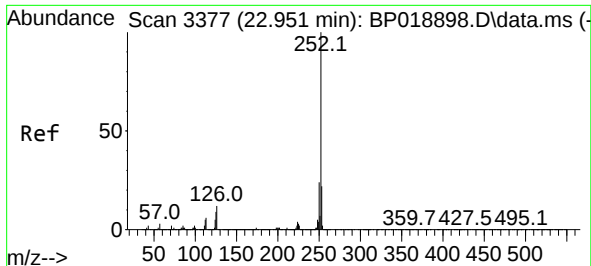
Delta R.T. 0.000 min

Lab File: BP018908.D

Acq: 18 Dec 2023 15:52

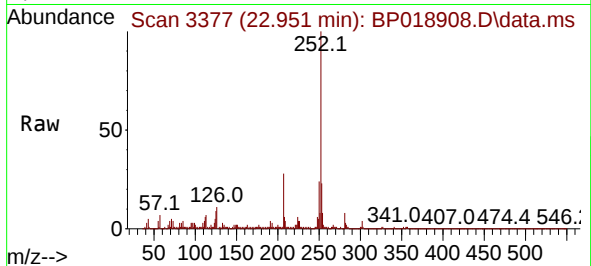
Tgt Ion:	228	Resp:	835458
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.9	35.9
229	22.0	15.6	23.4





#90
Benzo(b)fluoranthene
Concen: 9.759 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

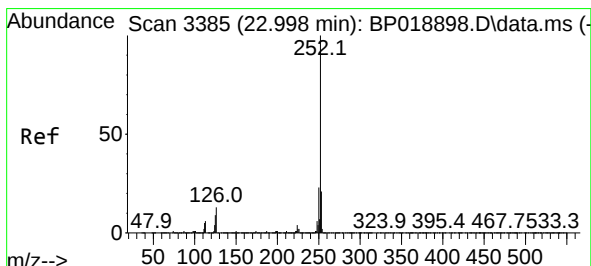
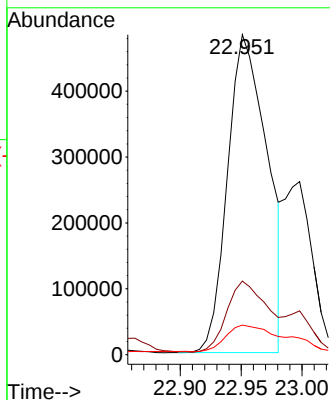
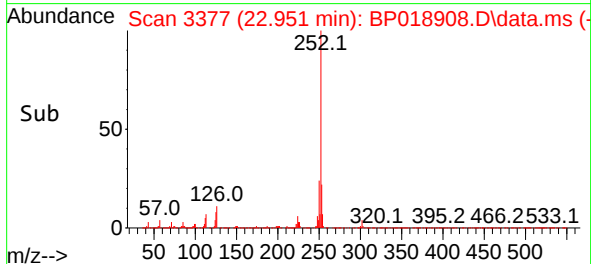
Instrument :
BNA_P
ClientSampleId :
BH3Q1DL



Tgt Ion:252 Resp: 1089540
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.3 7.8 11.6

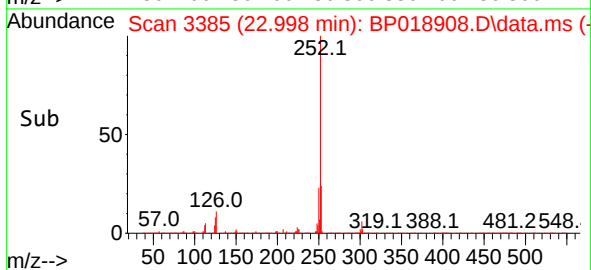
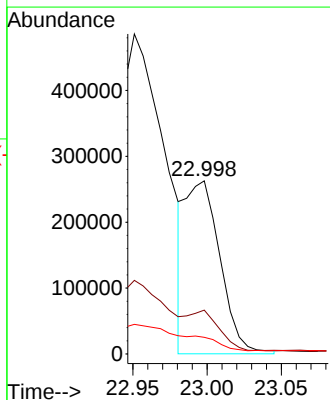
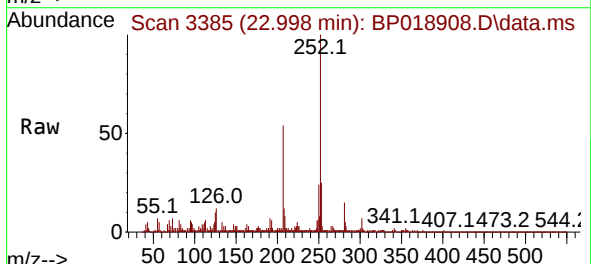
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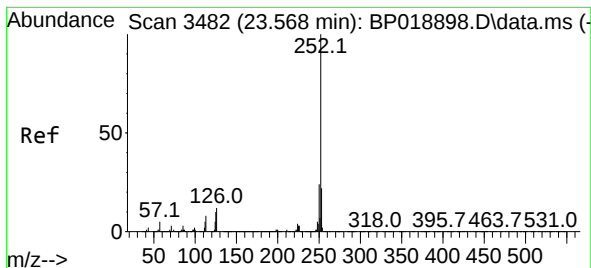
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#91
Benzo(k)fluoranthene
Concen: 3.949 ng/ul m
RT: 22.998 min Scan# 3385
Delta R.T. 0.006 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

Tgt Ion:252 Resp: 426613
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 9.6 8.0 12.0





#93

Benzo(a)pyrene

Concen: 8.141 ng/ul

RT: 23.569 min Scan# 3482

Delta R.T. 0.006 min

Lab File: BP018908.D

Acq: 18 Dec 2023 15:52

Instrument :

BNA_P

ClientSampleId :

BH3Q1DL

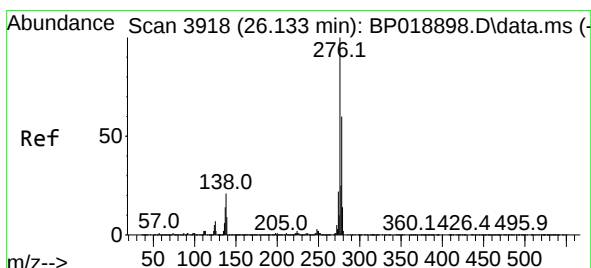
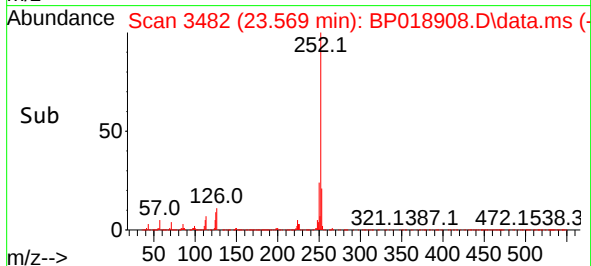
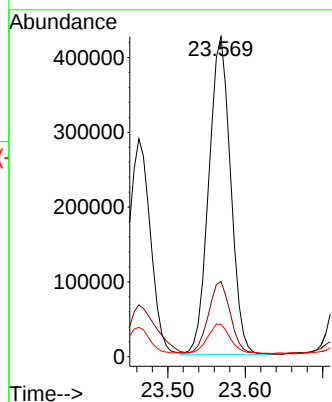
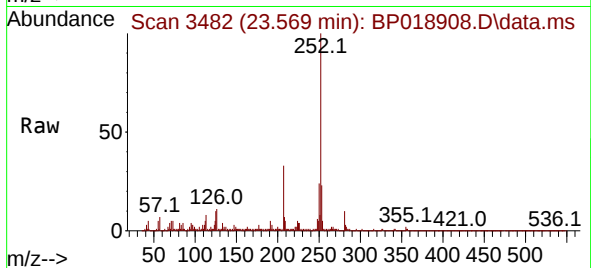
Tgt Ion:	252	Resp:	830462
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.8
125	10.1	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.062 ng/ul

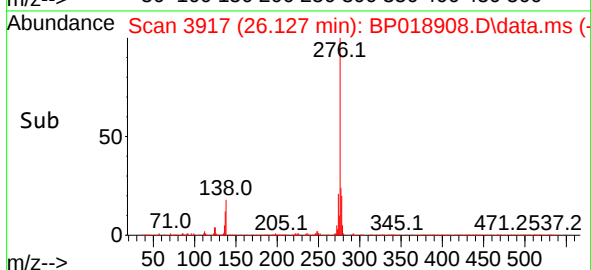
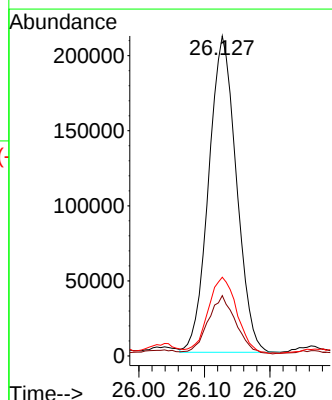
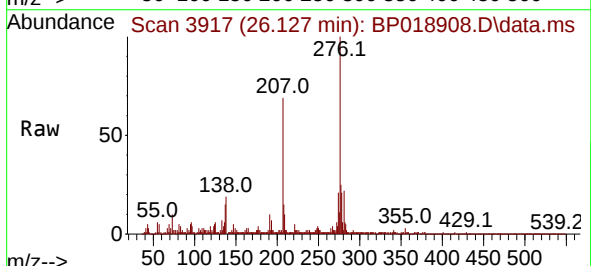
RT: 26.127 min Scan# 3917

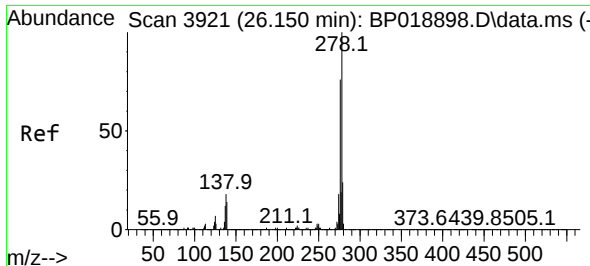
Delta R.T. 0.006 min

Lab File: BP018908.D

Acq: 18 Dec 2023 15:52

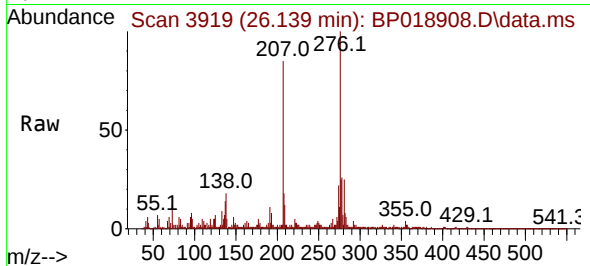
Tgt Ion:	276	Resp:	616931
Ion Ratio	Lower	Upper	
276	100		
138	18.8	19.4	29.2
277	24.6	19.8	29.6





#95
Dibenzo(a,h)anthracene
Concen: 1.572 ng/ul
RT: 26.139 min Scan# 3921
Delta R.T. 0.000 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52

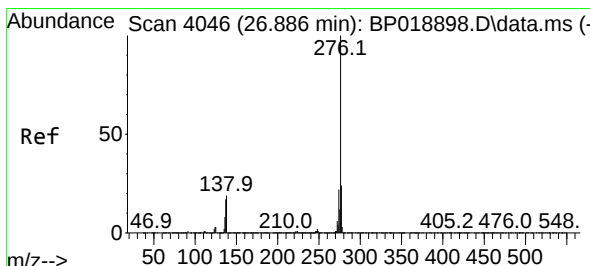
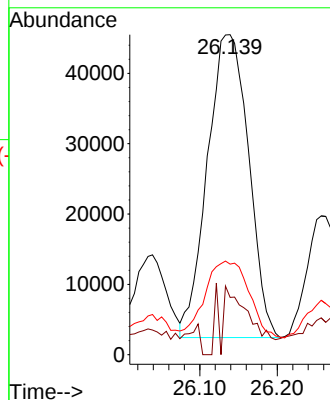
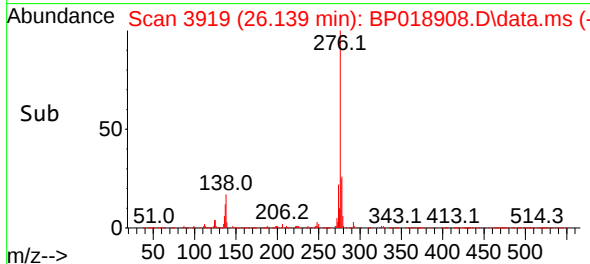
Instrument :
BNA_P
ClientSampleId :
BH3Q1DL



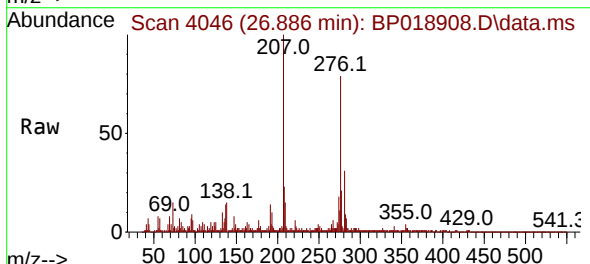
Tgt Ion:278 Resp: 159369
Ion Ratio Lower Upper
278 100
139 17.9 13.0 19.6
279 28.3 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#96
Benzo(g,h,i)perylene
Concen: 3.889 ng/ul
RT: 26.886 min Scan# 4046
Delta R.T. 0.012 min
Lab File: BP018908.D
Acq: 18 Dec 2023 15:52



Tgt Ion:276 Resp: 381516
Ion Ratio Lower Upper
276 100
138 18.4 18.1 27.1
277 26.3 19.4 29.0

