

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018934.D
 Acq On : 19 Dec 2023 07:11
 Operator : MA/JU
 Sample : 05626-02DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF0DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 08:49:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	271258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	984175	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	585676	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1327128	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1359767	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1668536	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	5753	0.723	ng/uL	0.00
4) Pyridine-d5	3.687	84	61047	2.863	ng/u1	0.00
7) Phenol-d5	7.011	99	101875	3.742	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	57126	3.541	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	79562	3.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	75971	3.449	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	35761	4.083	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	37732	4.155	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	77679	4.183	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	63997	2.637	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	223684	4.279	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	252195	4.382	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	27050	3.153	ng/u1	0.00
60) Fluorene-d10	15.457	176	201271	4.587	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.316	188	336381	4.821	ng/u1	0.00
81) Pyrene-d10	19.557	212	433240	4.093	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	453778	4.664	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.187	152	252089	3.895	ng/u1	99
52) Acenaphthene	14.528	153	634014	14.817	ng/u1	98
61) Fluorene	15.516	166	436454	9.275	ng/u1	100
72) Phenanthrene	17.257	178	1676771	20.920	ng/u1	100
74) Anthracene	17.351	178	1785534	22.224	ng/u1	99
80) Fluoranthene	19.233	202	6598498m	52.739	ng/u1	
82) Pyrene	19.586	202	6137547	48.626	ng/u1#	93
85) Benzo(a)anthracene	21.298	228	1664762	15.083	ng/u1	97
87) Chrysene	21.345	228	2338897	23.012	ng/u1	97
90) Benzo(b)fluoranthene	22.963	252	3642505	29.608	ng/u1	97
91) Benzo(k)fluoranthene	23.004	252	797310m	6.698	ng/u1	
93) Benzo(a)pyrene	23.580	252	1404632	12.496	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.145	276	1056161	7.864	ng/u1#	93
96) Benzo(g,h,i)perylene	26.910	276	840741	7.778	ng/u1#	95

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

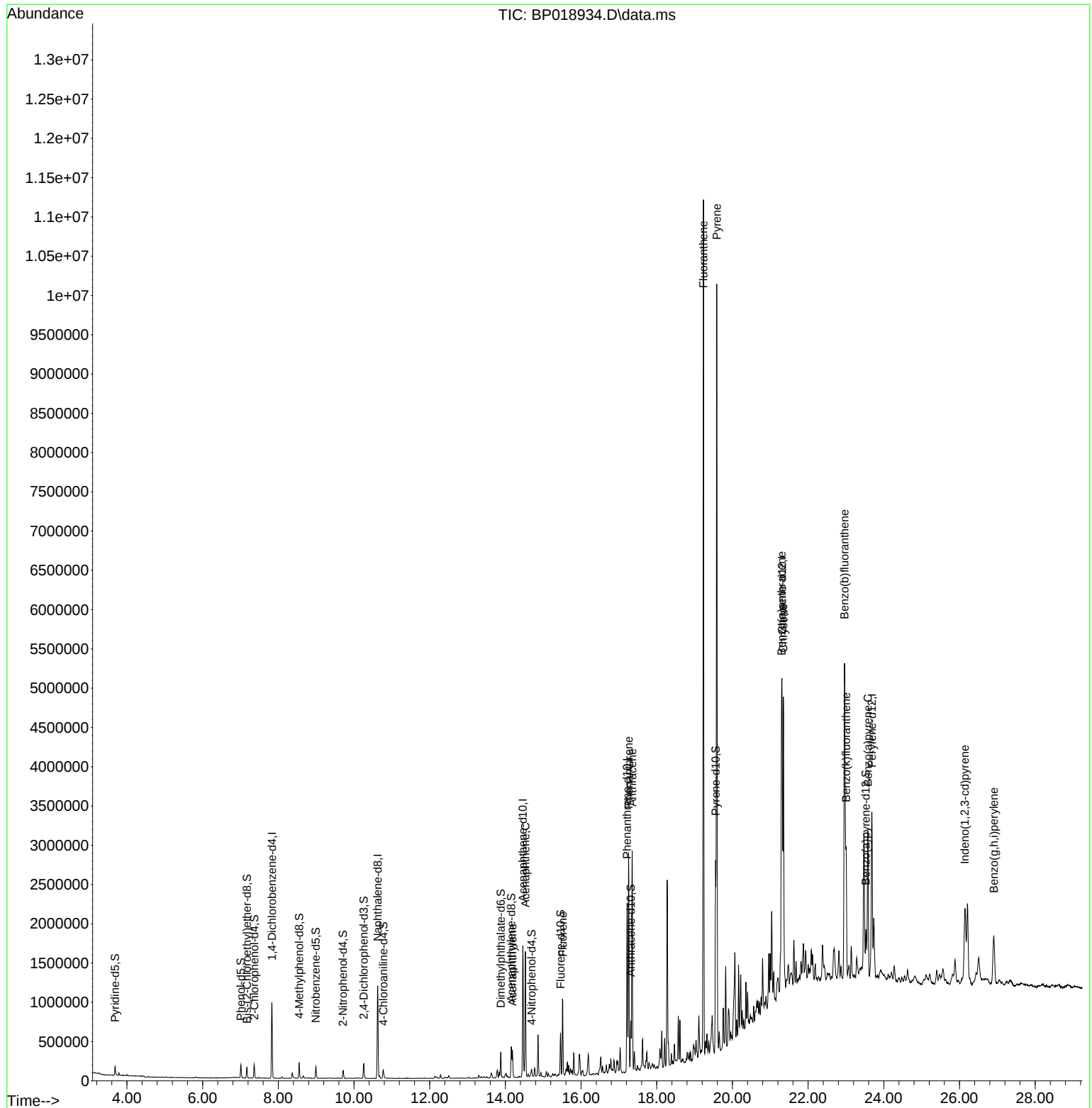
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018934.D
Acq On : 19 Dec 2023 07:11
Operator : MA/JU
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ALS Vial : 38 Sample Multiplier: 1

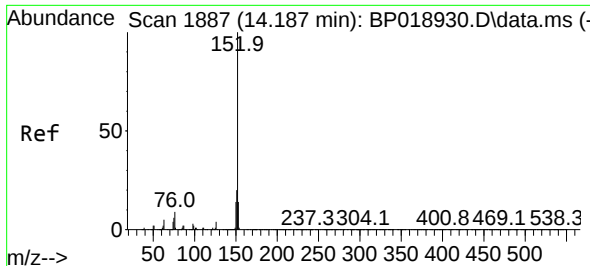
Instrument :
BNA_P
ClientSampleId :
DCLF0DL

Quant Time: Dec 19 08:49:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
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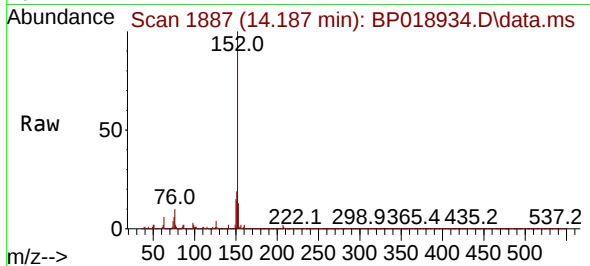
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023





#50
Acenaphthylene
Concen: 3.895 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11

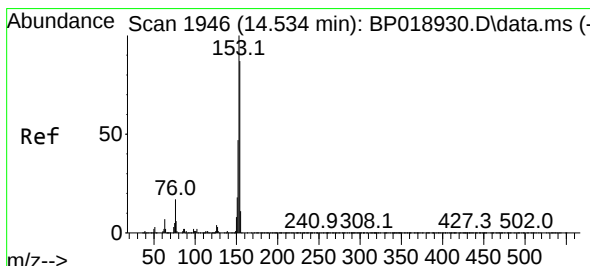
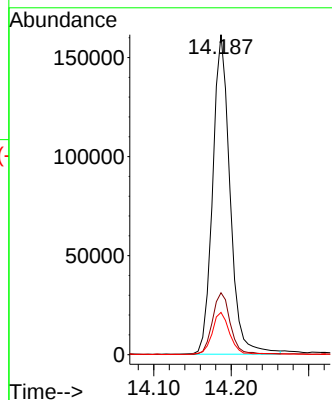
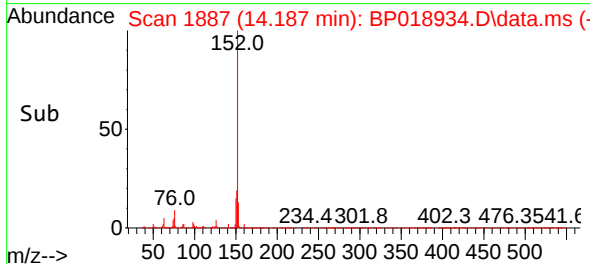
Instrument :
BNA_P
ClientSampleId :
DCLF0DL



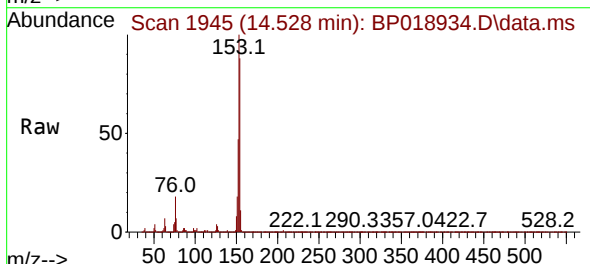
Tgt Ion:152 Resp: 252089
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.2 10.6 16.0

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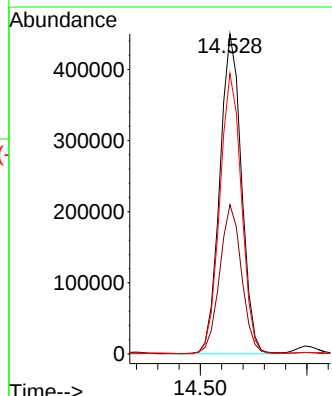
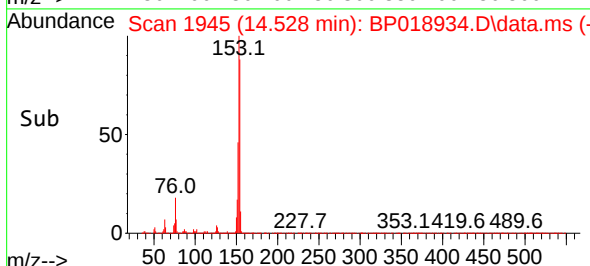
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

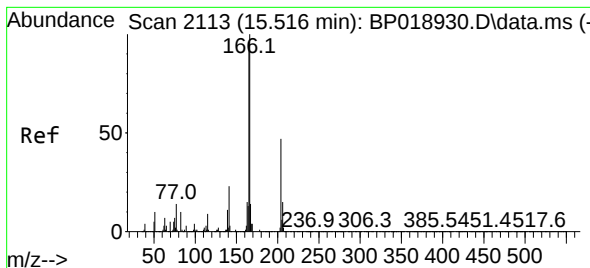


#52
Acenaphthene
Concen: 14.817 ng/ul
RT: 14.528 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11



Tgt Ion:153 Resp: 634014
Ion Ratio Lower Upper
153 100
152 46.7 38.1 57.1
154 87.6 71.7 107.5





#61

Fluorene

Concen: 9.275 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BP018934.D

Acq: 19 Dec 2023 07:11

Instrument :

BNA_P

ClientSampleId :

DCLF0DL

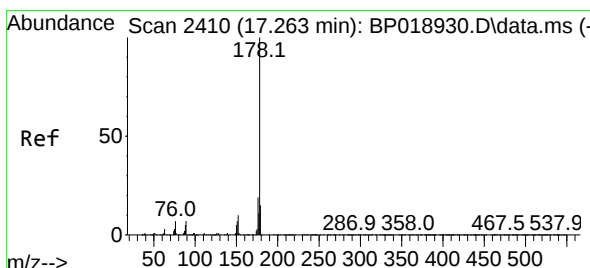
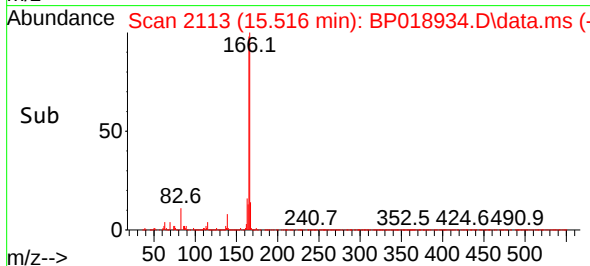
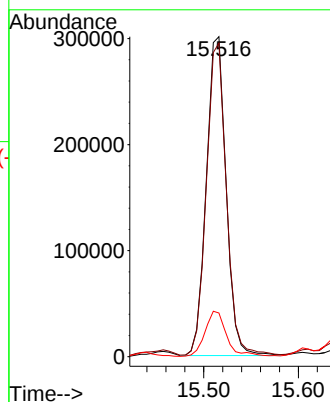
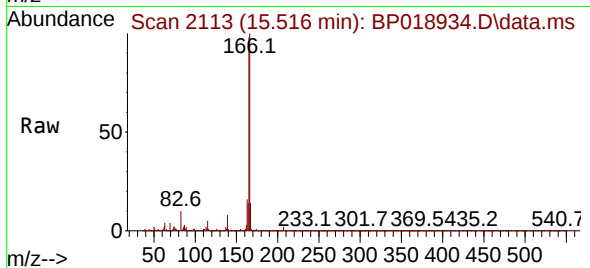
Tgt Ion:166 Resp: 436454
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.0 117.0
 167 13.7 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#72

Phenanthrene

Concen: 20.920 ng/ul

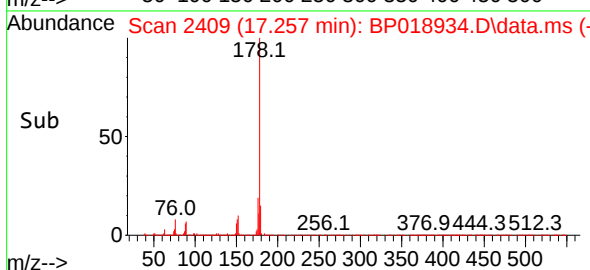
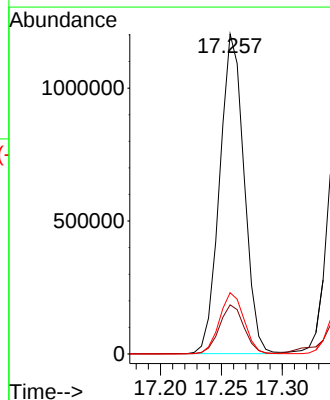
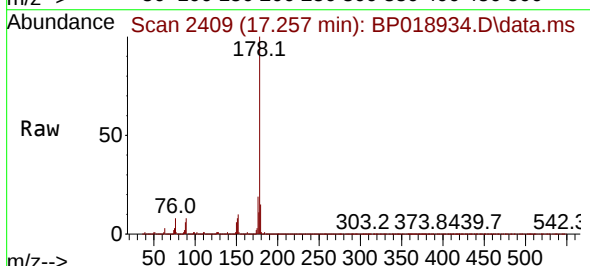
RT: 17.257 min Scan# 2409

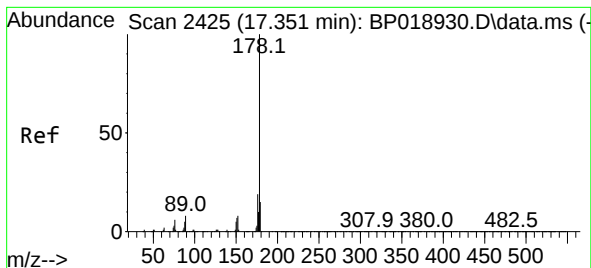
Delta R.T. -0.006 min

Lab File: BP018934.D

Acq: 19 Dec 2023 07:11

Tgt Ion:178 Resp: 1676771
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 19.1 15.4 23.2





#74

Anthracene

Concen: 22.224 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP018934.D

Acq: 19 Dec 2023 07:11

Instrument :

BNA_P

ClientSampleId :

DCLF0DL

Tgt Ion:178 Resp: 1785534

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

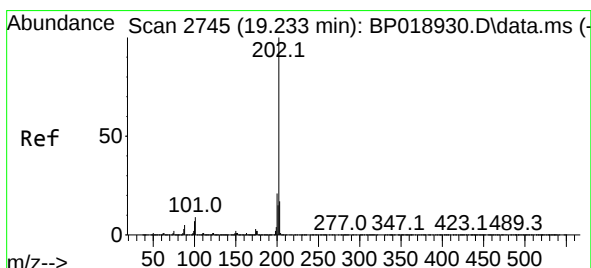
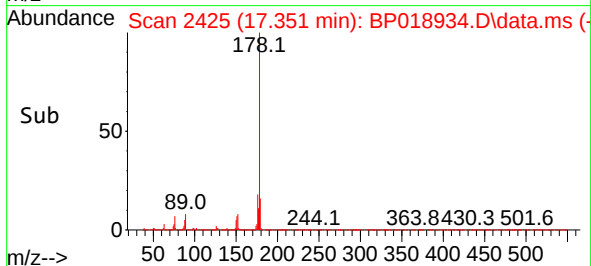
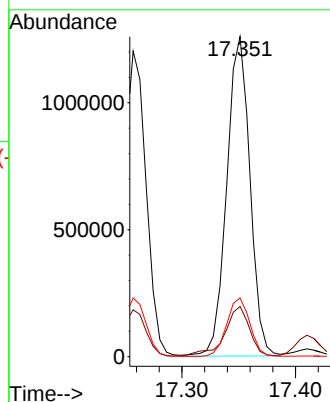
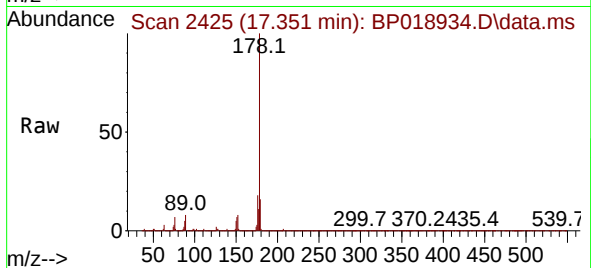
176 18.3 15.0 22.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#80

Fluoranthene

Concen: 52.739 ng/ul m

RT: 19.233 min Scan# 2745

Delta R.T. 0.000 min

Lab File: BP018934.D

Acq: 19 Dec 2023 07:11

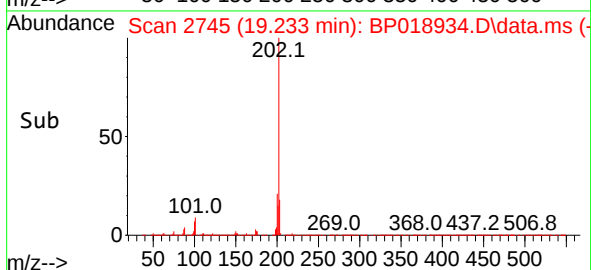
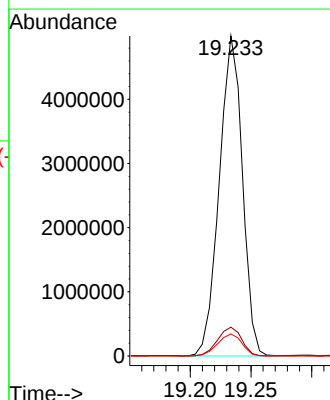
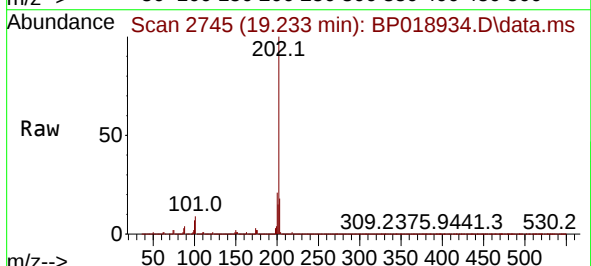
Tgt Ion:202 Resp: 6598498

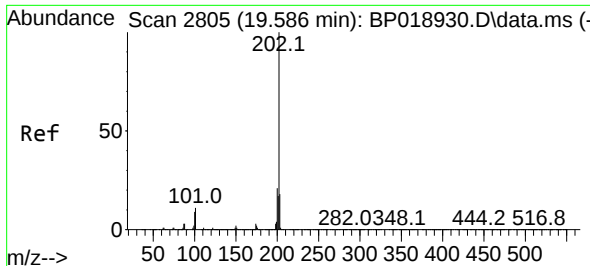
Ion Ratio Lower Upper

202 100

101 9.0 9.1 13.7#

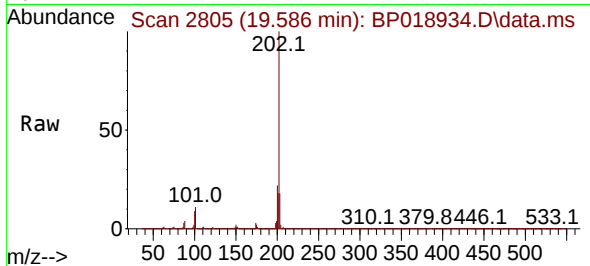
100 6.9 7.1 10.7#





#82
Pyrene
Concen: 48.626 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11

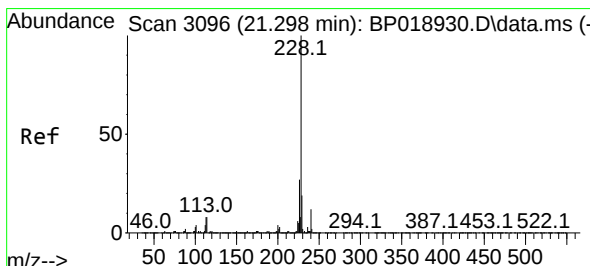
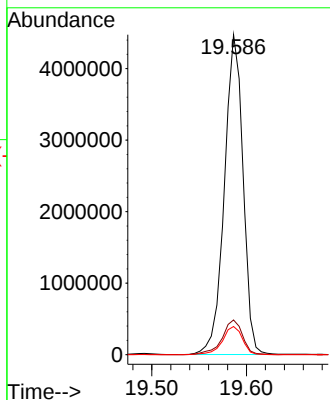
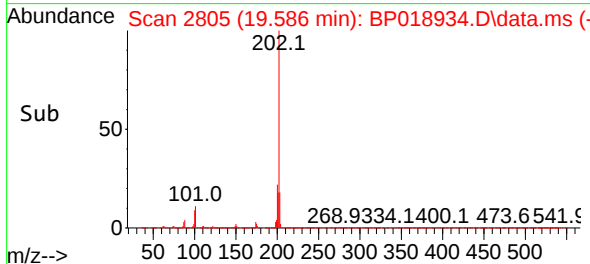
Instrument :
BNA_P
ClientSampleId :
DCLF0DL



Tgt Ion:202 Resp: 613754
Ion Ratio Lower Upper
202 100
101 10.8 11.0 16.4
100 8.8 9.1 13.7

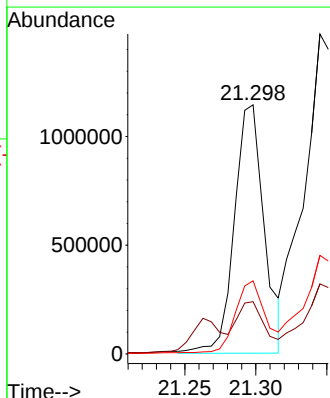
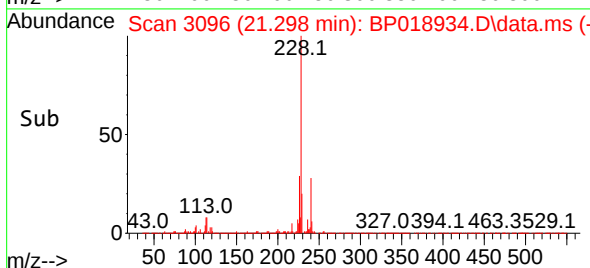
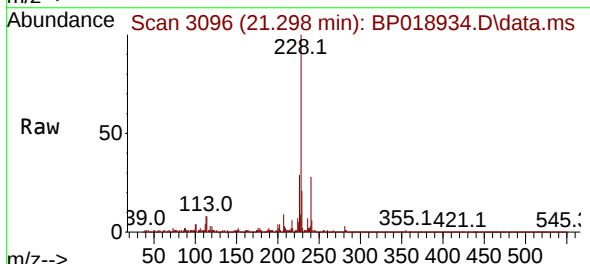
Manual Integrations
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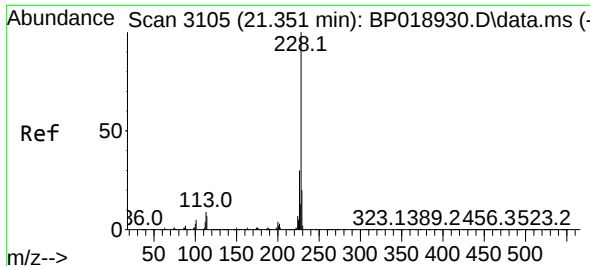
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#85
Benzo(a)anthracene
Concen: 15.083 ng/ul
RT: 21.298 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11

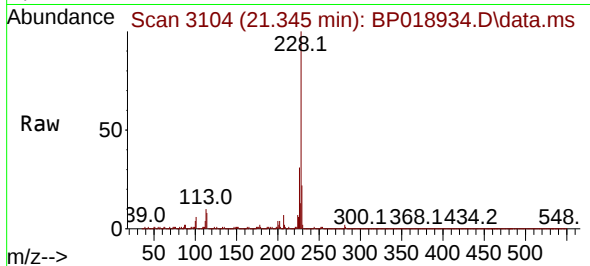
Tgt Ion:228 Resp: 1664762
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 29.4 21.9 32.9





#87
Chrysene
Concen: 23.012 ng/ul
RT: 21.345 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11

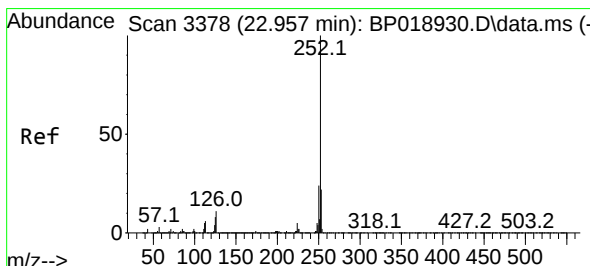
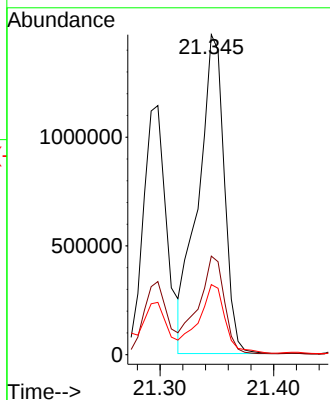
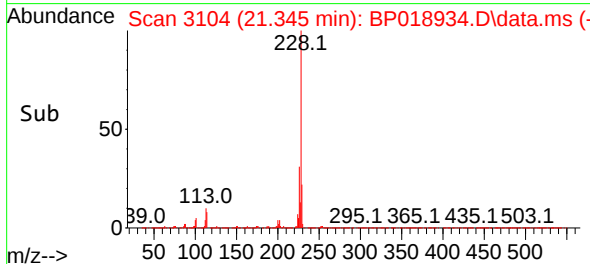
Instrument :
BNA_P
ClientSampleId :
DCLF0DL



Tgt Ion:228 Resp: 233889
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 21.9 15.6 23.4

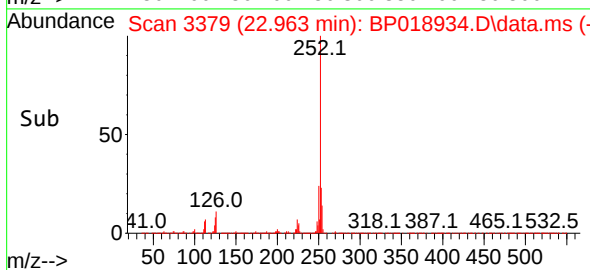
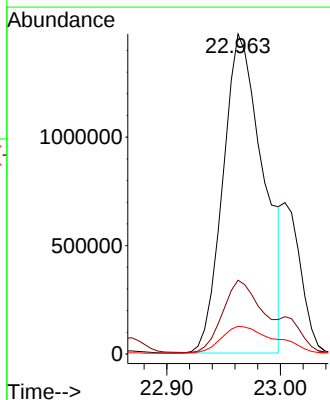
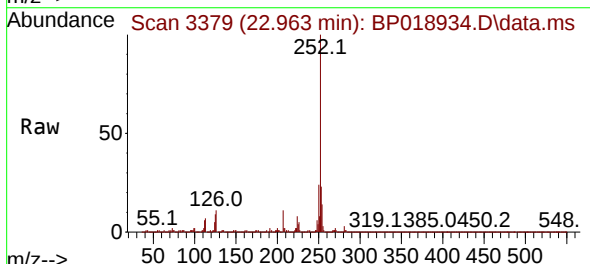
Manual Integrations
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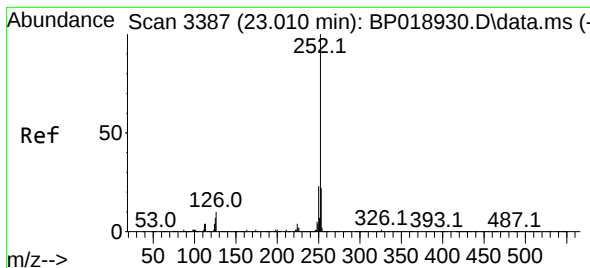
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#90
Benzo(b)fluoranthene
Concen: 29.608 ng/ul
RT: 22.963 min Scan# 3379
Delta R.T. 0.006 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11

Tgt Ion:252 Resp: 3642505
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 8.7 7.8 11.6





#91

Benzo(k)fluoranthene

Concen: 6.698 ng/ul m

RT: 23.004 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BP018934.D

Acq: 19 Dec 2023 07:11

Instrument :

BNA_P

ClientSampleId :

DCLF0DL

Tgt Ion:252 Resp: 797310

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

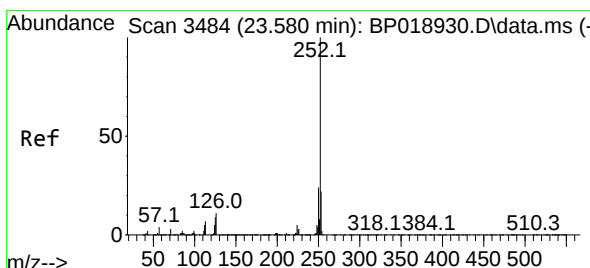
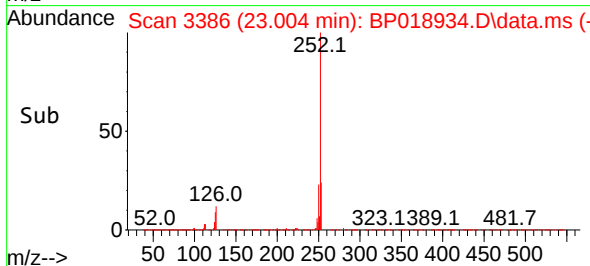
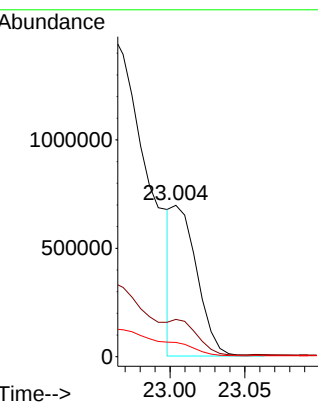
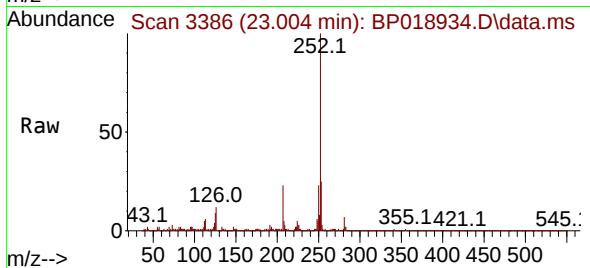
125 9.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#93

Benzo(a)pyrene

Concen: 12.496 ng/ul

RT: 23.580 min Scan# 3484

Delta R.T. 0.000 min

Lab File: BP018934.D

Acq: 19 Dec 2023 07:11

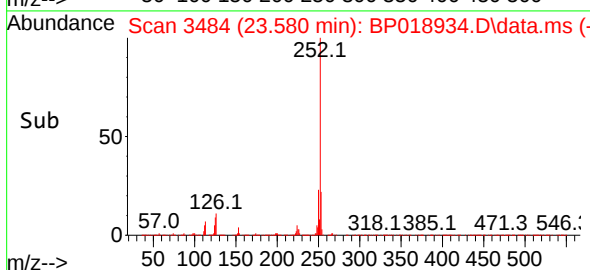
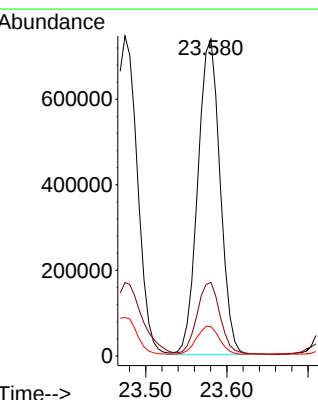
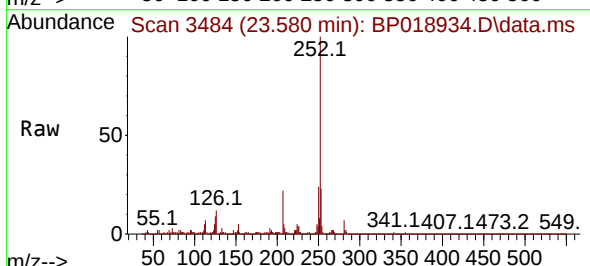
Tgt Ion:252 Resp: 1404632

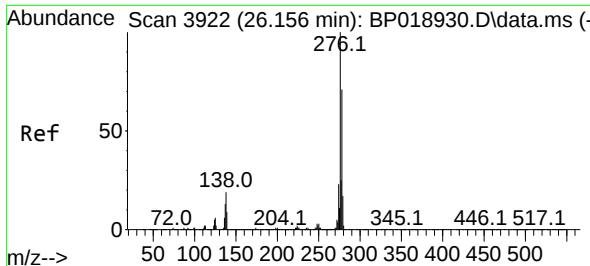
Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

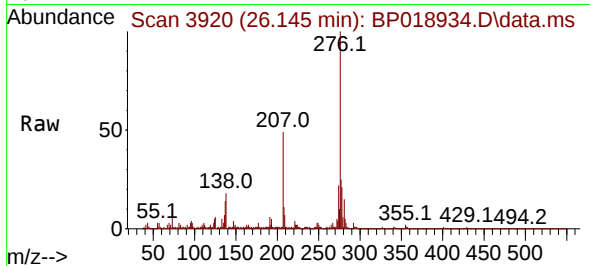
125 9.2 9.2 13.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 7.864 ng/ul
RT: 26.145 min Scan# 3922
Delta R.T. -0.012 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11

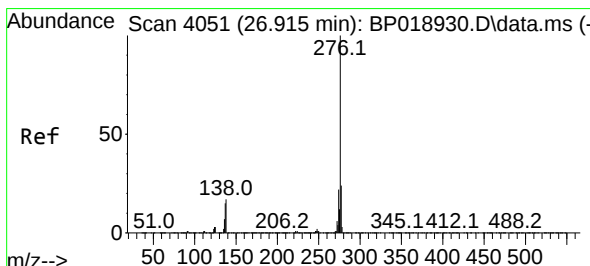
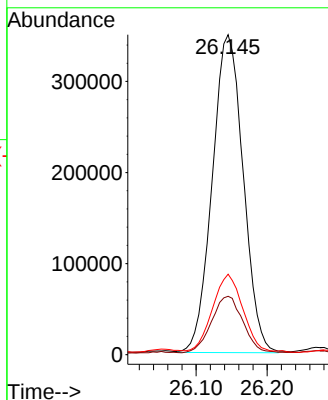
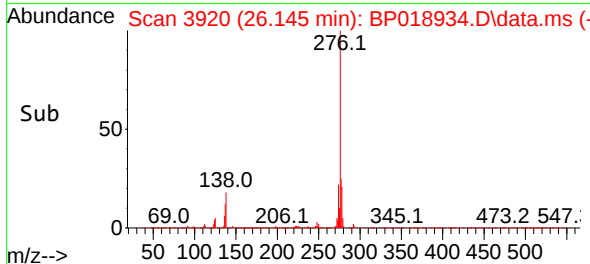
Instrument :
BNA_P
ClientSampleId :
DCLF0DL



Tgt Ion:276 Resp: 105616
Ion Ratio Lower Upper
276 100
138 18.3 19.4 29.2
277 25.2 19.8 29.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 7.778 ng/ul
RT: 26.910 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BP018934.D
Acq: 19 Dec 2023 07:11

Tgt Ion:276 Resp: 840741
Ion Ratio Lower Upper
276 100
138 18.0 18.1 27.1
277 23.5 19.4 29.0

