

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018935.D
 Acq On : 19 Dec 2023 07:45
 Operator : MA/JU
 Sample : 05626-03DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 08:50:00 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	7.828	152	267772	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	959286	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	546692	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1168158	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1234271	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1509616	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	6164	0.784	ng/uL	0.00
4) Pyridine-d5	3.693	84	24122	1.146	ng/u1	0.01
7) Phenol-d5	7.011	99	93351	3.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	51791	3.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	75395	3.596	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	66937	3.078	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	32512	3.808	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	34052	3.847	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	70879	3.916	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	37836	1.600	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	203782	4.176	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	231392	4.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	22939	2.864	ng/u1	0.00
60) Fluorene-d10	15.457	176	177811	4.341	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.310	188	290547	4.731	ng/u1	0.00
81) Pyrene-d10	19.551	212	378289	3.937	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	398668	4.529	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.187	152	252196	4.175	ng/u1	100
52) Acenaphthene	14.528	153	554741	13.889	ng/u1	99
61) Fluorene	15.510	166	313084	7.128	ng/u1	100
72) Phenanthrene	17.257	178	1232465	17.469	ng/u1	100
74) Anthracene	17.351	178	1746484	24.696	ng/u1	99
80) Fluoranthene	19.233	202	5955356m	52.438	ng/u1	
82) Pyrene	19.586	202	6561678	57.272	ng/u1#	93
85) Benzo(a)anthracene	21.292	228	1537788	15.350	ng/u1	97
87) Chrysene	21.345	228	2544426	27.579	ng/u1	98
90) Benzo(b)fluoranthene	22.963	252	3648686	32.781	ng/u1	97
91) Benzo(k)fluoranthene	23.004	252	1004737m	9.329	ng/u1	
93) Benzo(a)pyrene	23.574	252	1383649	13.605	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.145	276	1066178	8.774	ng/u1#	93
96) Benzo(g,h,i)perylene	26.904	276	416722	4.261	ng/u1#	95

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

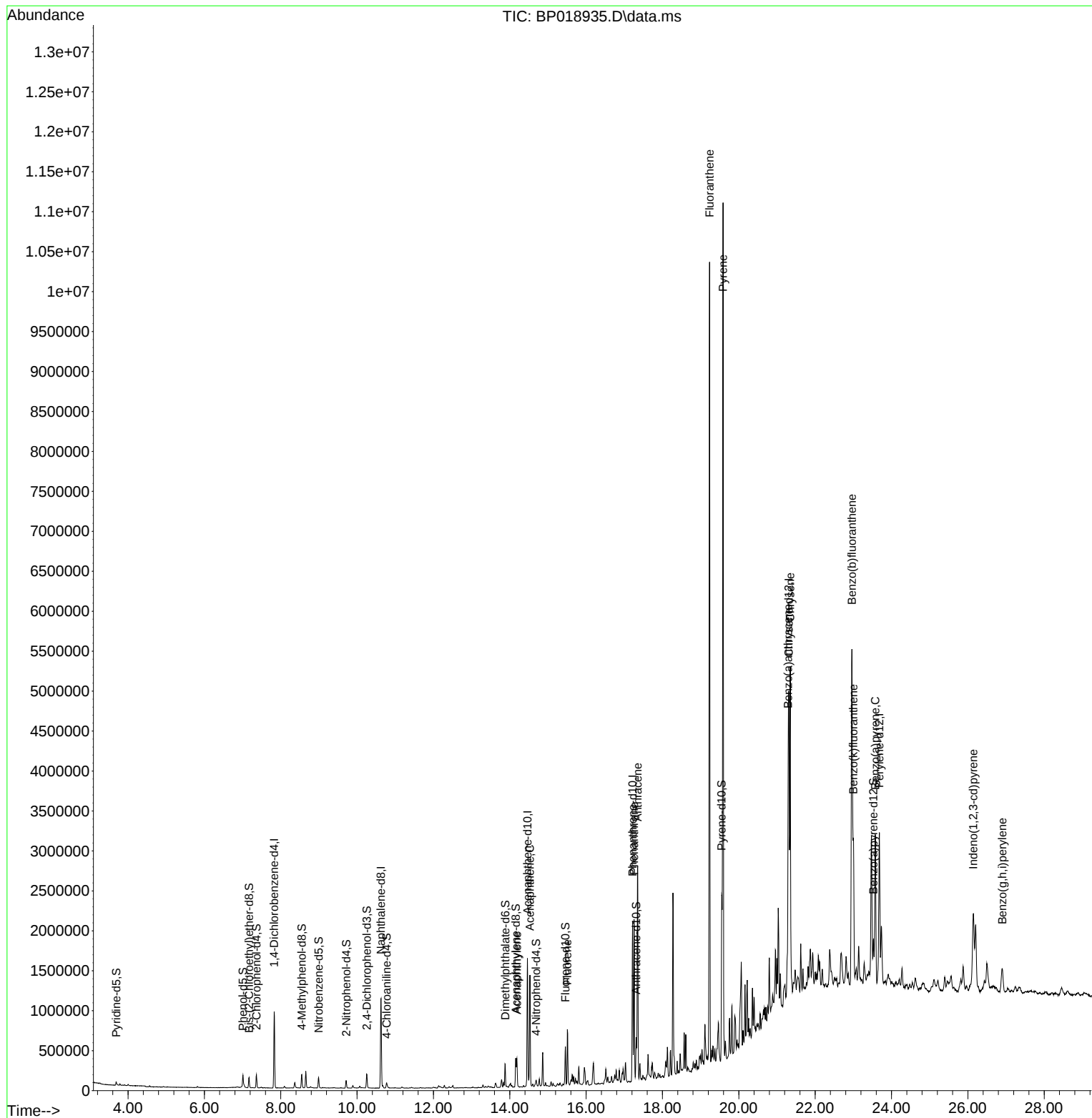
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018935.D
Acq On : 19 Dec 2023 07:45
Operator : MA/JU
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ALS Vial : 39 Sample Multiplier: 1

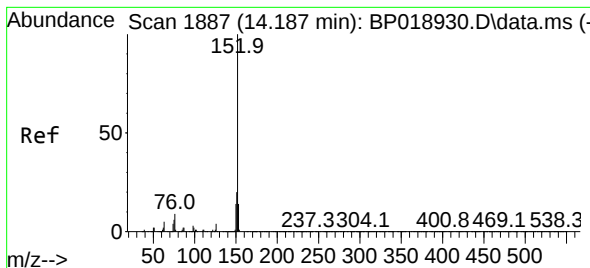
Instrument :
BNA_P
ClientSampleId :
DCLF1DL

Quant Time: Dec 19 08:50:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
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#50

Acenaphthylene

Concen: 4.175 ng/u1

RT: 14.187 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BP018935.D

Acq: 19 Dec 2023 07:45

Instrument :

BNP_P

ClientSampleId :

DCLF1DL

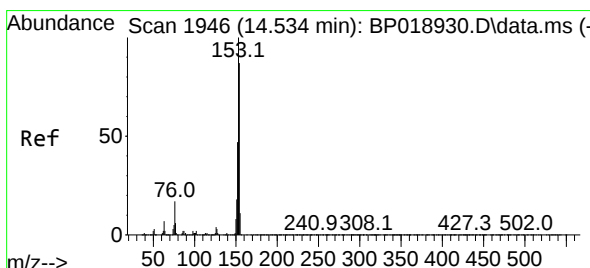
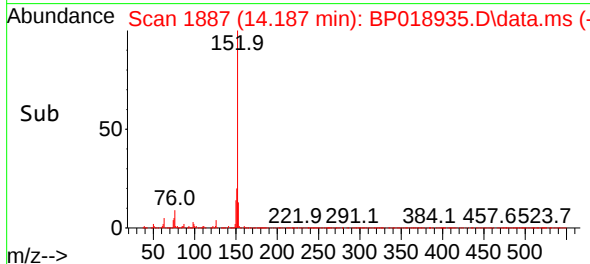
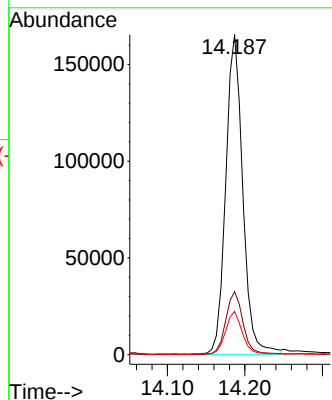
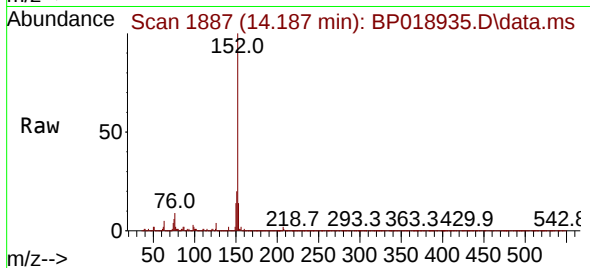
Tgt Ion:	152	Resp:	252190
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.9	23.9
153	13.5	10.6	16.0

Manual Integrations

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Supervised By :mohammad ahmed 12/20/2023



#52

Acenaphthene

Concen: 13.889 ng/u1

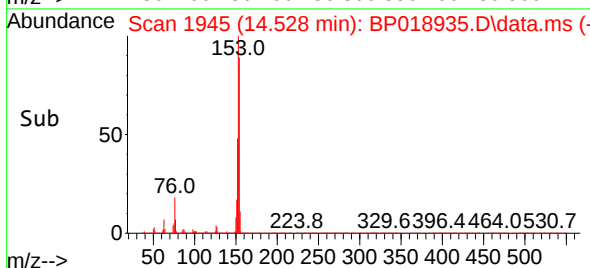
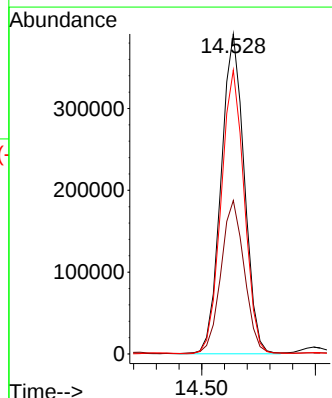
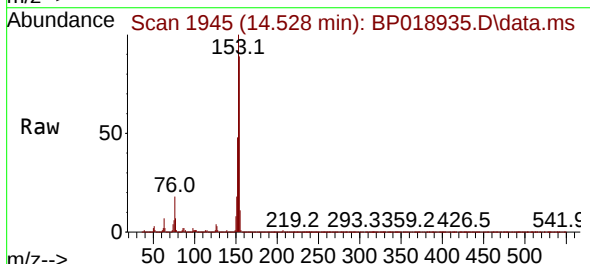
RT: 14.528 min Scan# 1945

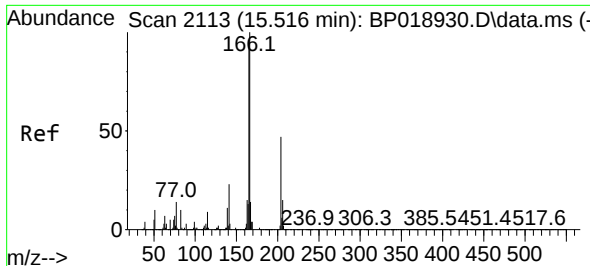
Delta R.T. -0.006 min

Lab File: BP018935.D

Acq: 19 Dec 2023 07:45

Tgt Ion:	153	Resp:	554741
Ion Ratio	Lower	Upper	
153	100		
152	48.0	38.1	57.1
154	88.7	71.7	107.5





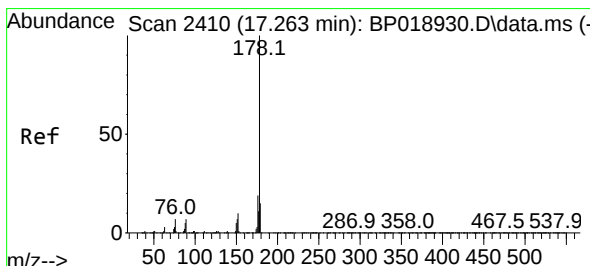
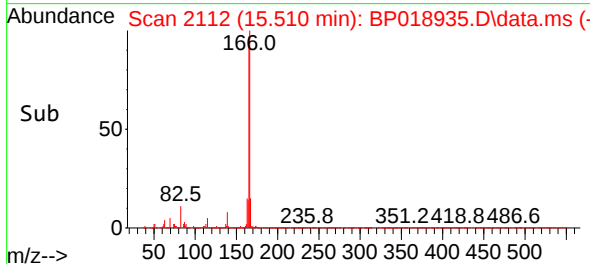
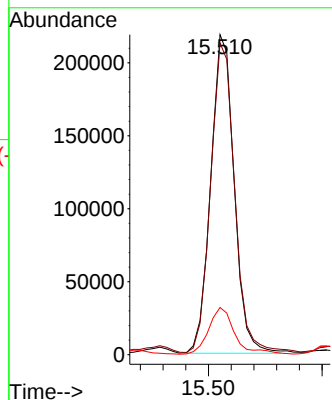
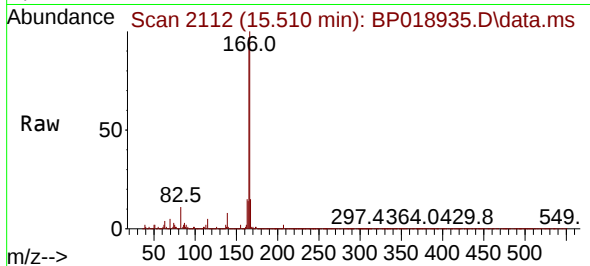
#61
Fluorene
Concen: 7.128 ng/ul
RT: 15.510 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018935.D
Acq: 19 Dec 2023 07:45

Instrument :
BNA_P
ClientSampleId :
DCLF1DL

Tgt Ion:166 Resp: 313084
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 14.7 10.8 16.2

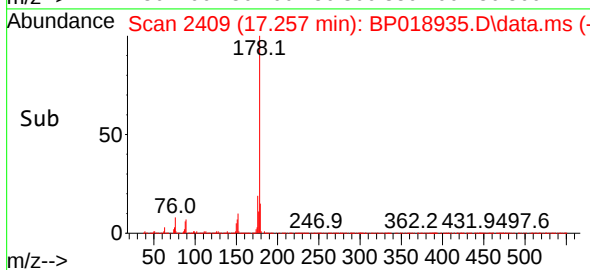
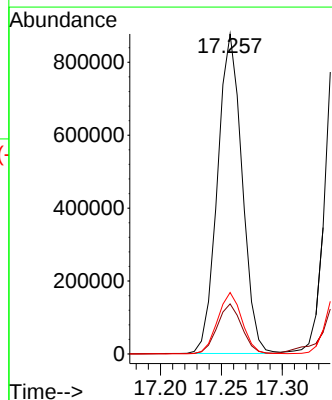
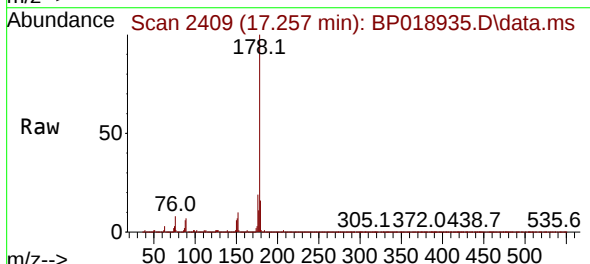
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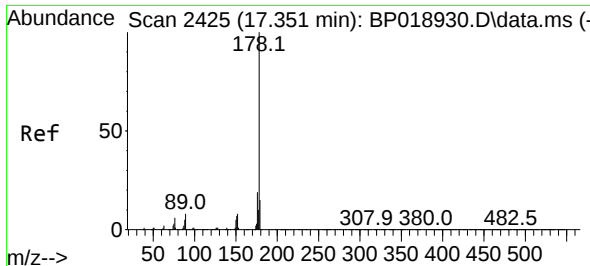
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#72
Phenanthrene
Concen: 17.469 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP018935.D
Acq: 19 Dec 2023 07:45

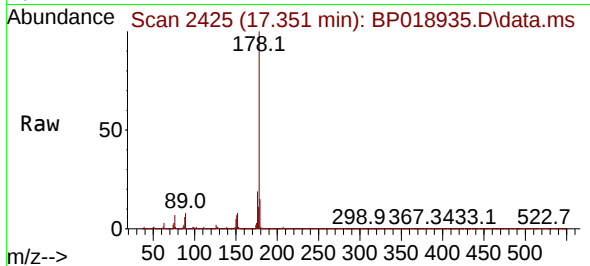
Tgt Ion:178 Resp: 1232465
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.4 23.2





#74
 Anthracene
 Concen: 24.696 ng/ul
 RT: 17.351 min Scan# 2425
 Delta R.T. 0.000 min
 Lab File: BP018935.D
 Acq: 19 Dec 2023 07:45

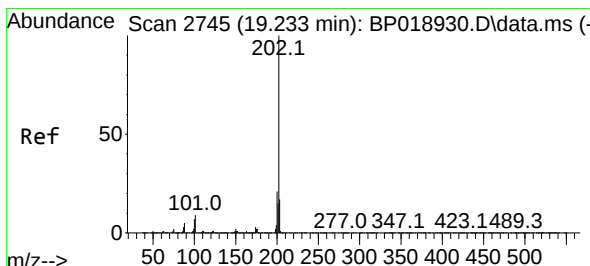
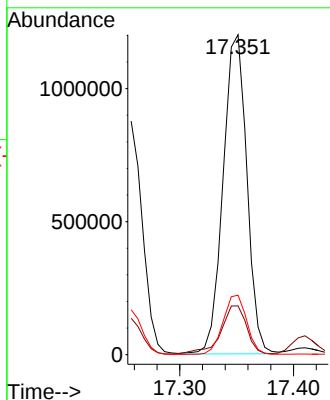
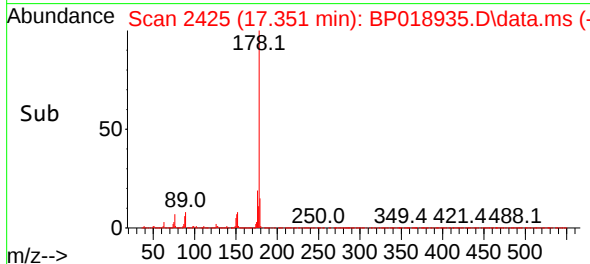
Instrument :
 BNA_P
 ClientSampleId :
 DCLF1DL



Tgt Ion:178 Resp: 1746484
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.5 18.7
 176 18.6 15.0 22.6

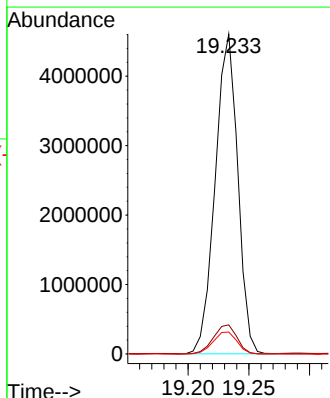
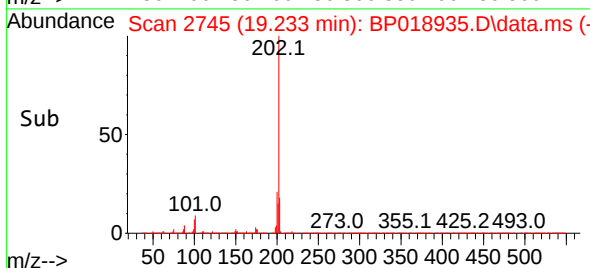
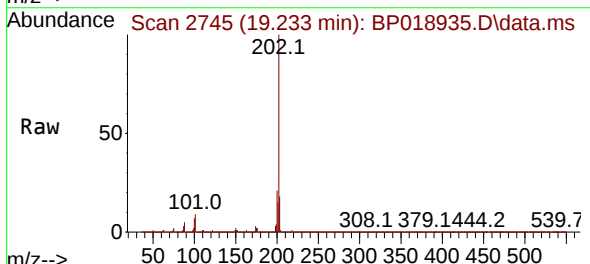
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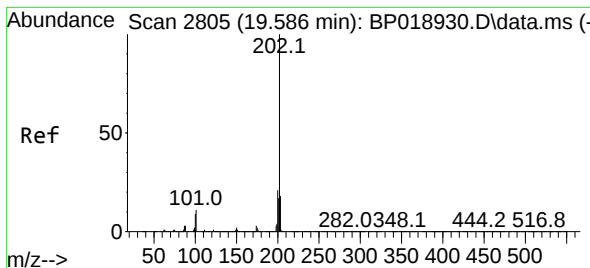
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



#80
 Fluoranthene
 Concen: 52.438 ng/ul m
 RT: 19.233 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BP018935.D
 Acq: 19 Dec 2023 07:45

Tgt Ion:202 Resp: 5955356
 Ion Ratio Lower Upper
 202 100
 101 9.1 9.1 13.7#
 100 6.8 7.1 10.7#





#82

Pyrene

Concen: 57.272 ng/u1

RT: 19.586 min Scan# 2805

Delta R.T. 0.000 min

Lab File: BP018935.D

Acq: 19 Dec 2023 07:45

Instrument :

BNA_P

ClientSampleId :

DCLF1DL

Tgt Ion:202 Resp: 6561678

Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.4

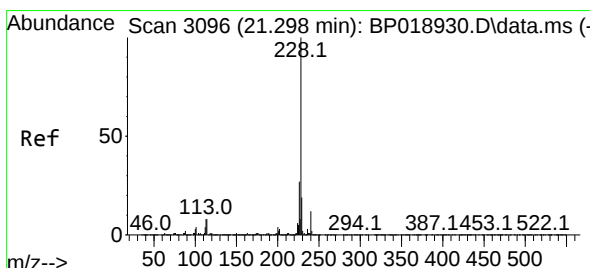
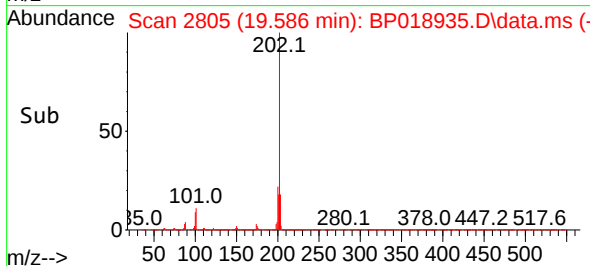
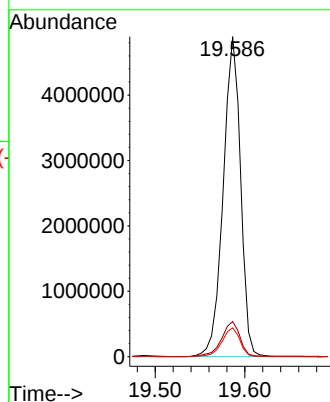
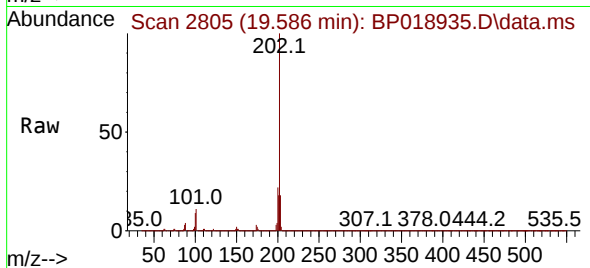
100 9.0 9.1 13.7

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: 15.350 ng/u1

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP018935.D

Acq: 19 Dec 2023 07:45

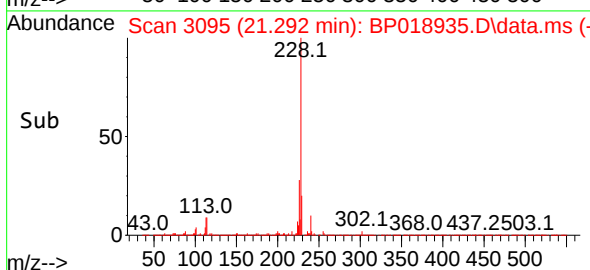
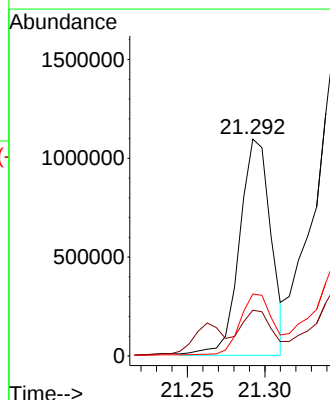
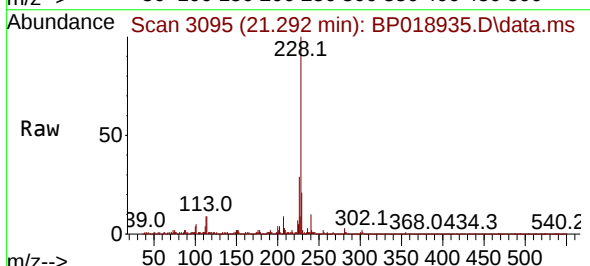
Tgt Ion:228 Resp: 1537788

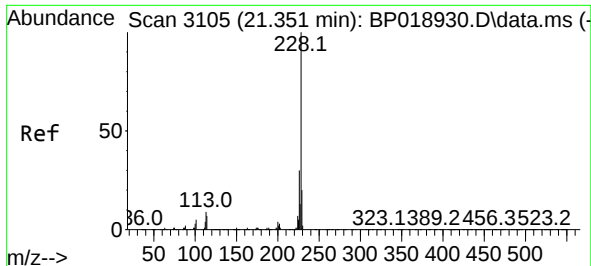
Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

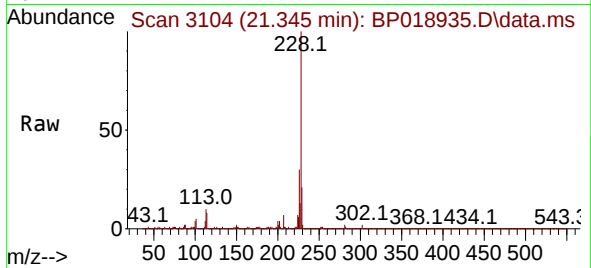
226 28.6 21.9 32.9





#87
Chrysene
Concen: 27.579 ng/u1
RT: 21.345 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP018935.D
Acq: 19 Dec 2023 07:45

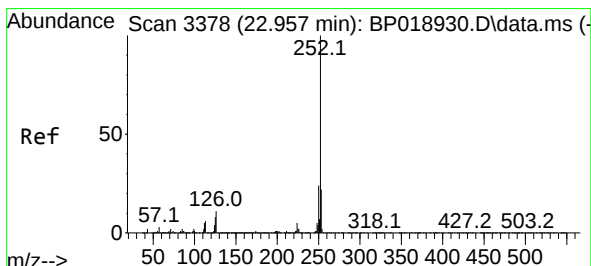
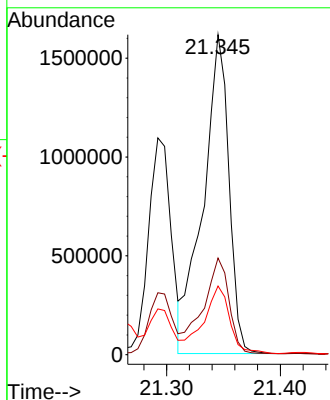
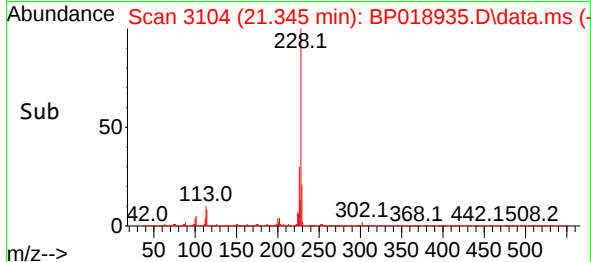
Instrument :
BNA_P
ClientSampleId :
DCLF1DL



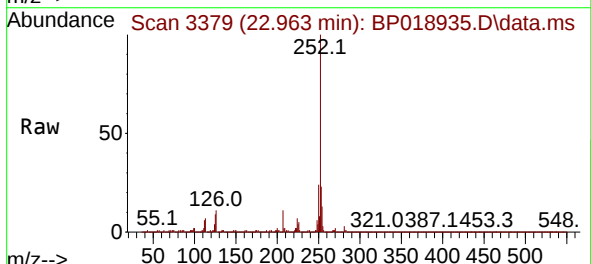
Tgt Ion:228 Resp: 2544420
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 21.5 15.6 23.4

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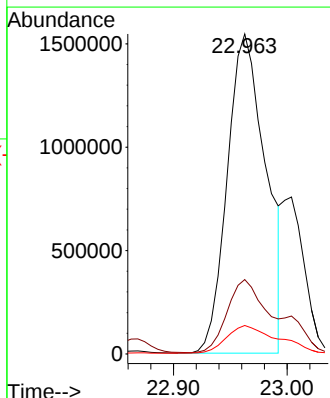
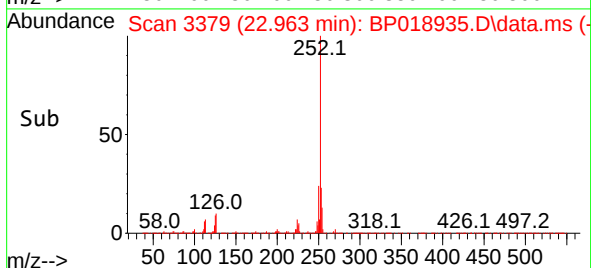
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

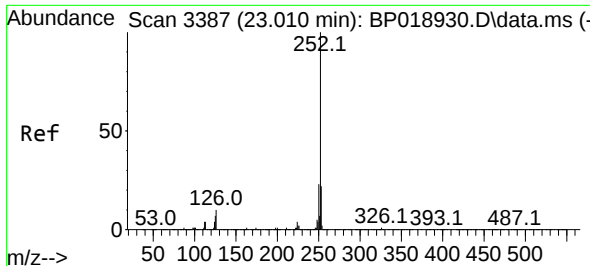


#90
Benzo(b)fluoranthene
Concen: 32.781 ng/u1
RT: 22.963 min Scan# 3379
Delta R.T. 0.006 min
Lab File: BP018935.D
Acq: 19 Dec 2023 07:45



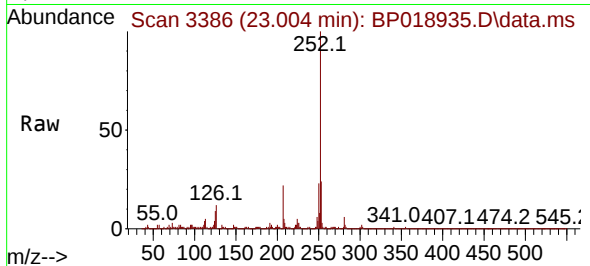
Tgt Ion:252 Resp: 3648686
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 8.9 7.8 11.6





#91
Benzo(k)fluoranthene
Concen: 9.329 ng/ul m
RT: 23.004 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018935.D
Acq: 19 Dec 2023 07:45

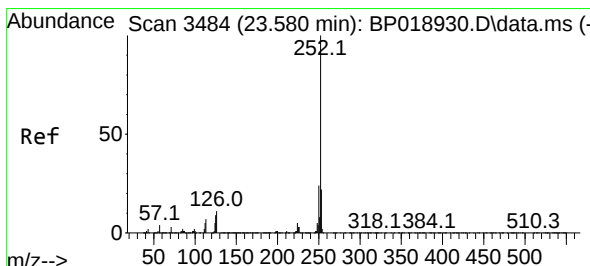
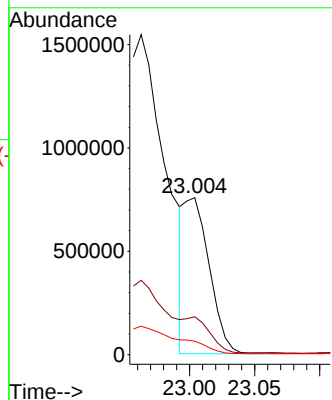
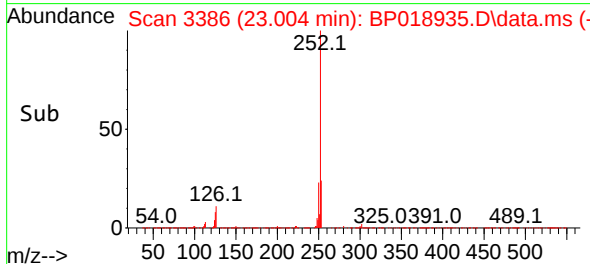
Instrument :
BNA_P
ClientSampleId :
DCLF1DL



Tgt Ion:252 Resp: 100473
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 8.6 8.0 12.0

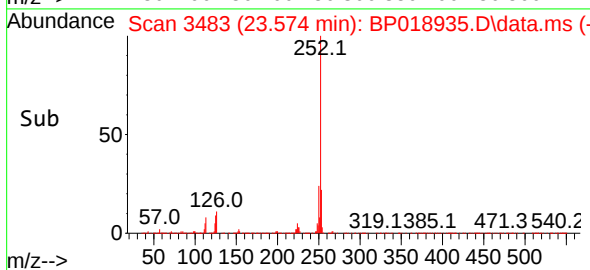
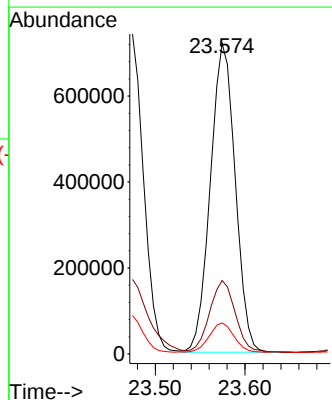
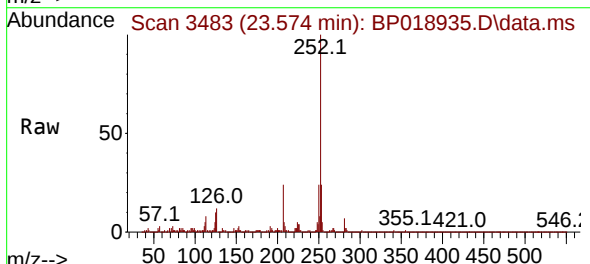
Manual Integrations
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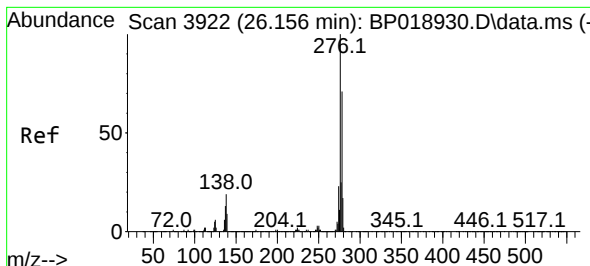
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#93
Benzo(a)pyrene
Concen: 13.605 ng/ul
RT: 23.574 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BP018935.D
Acq: 19 Dec 2023 07:45

Tgt Ion:252 Resp: 1383649
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.0 9.2 13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.774 ng/ul

RT: 26.145 min Scan# 3922

Delta R.T. -0.012 min

Lab File: BP018935.D

Acq: 19 Dec 2023 07:45

Instrument :

BNA_P

ClientSampleId :

DCLF1DL

Tgt Ion:276 Resp: 1066178

Ion Ratio Lower Upper

276 100

138 17.4 19.4 29.2

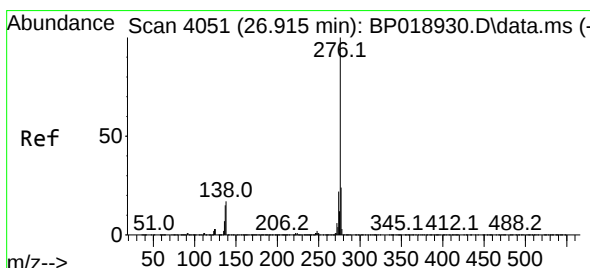
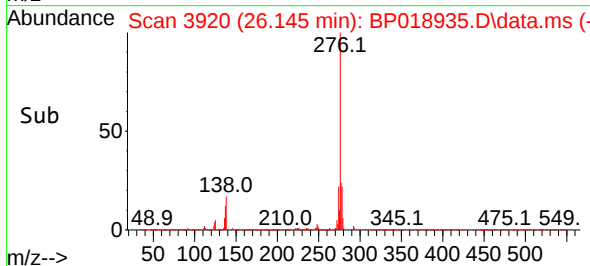
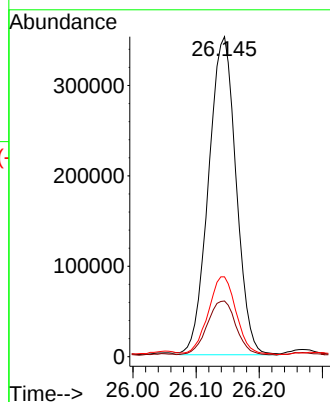
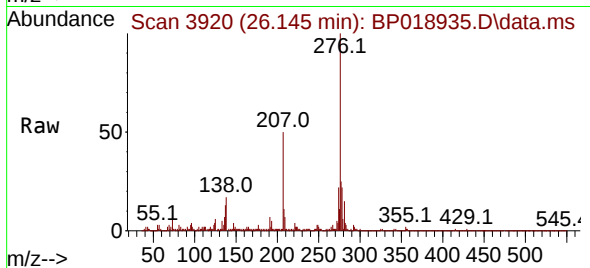
277 25.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#96

Benzo(g,h,i)perylene

Concen: 4.261 ng/ul

RT: 26.904 min Scan# 4049

Delta R.T. -0.012 min

Lab File: BP018935.D

Acq: 19 Dec 2023 07:45

Tgt Ion:276 Resp: 416722

Ion Ratio Lower Upper

276 100

138 17.9 18.1 27.1

277 24.8 19.4 29.0

