

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019041.D
 Acq On : 22 Dec 2023 15:26
 Operator : MA/JU
 Sample : 05626-10MEDL2 20X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF6MEDL2

Quant Time: Dec 22 22:59:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	138376	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	522649	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	345237	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	819741m	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	896141	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	1046938	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.999	99	3942	0.284	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	2637	0.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	2829	0.261	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	1691	0.150	ng/u1	0.01
21) Nitrobenzene-d5	8.987	128	1531	0.329	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	1656	0.343	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	3110	0.315	ng/u1	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.875	166	13831	0.449	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	12967	0.382	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.445	176	13520	0.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.304	188	21506	0.499	ng/u1	0.00
81) Pyrene-d10	19.539	212	19608	0.281	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	13316	0.218	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.663	128	438115	13.818	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	240553	10.709	ng/u1	100
37) 1-Methylnaphthalene	12.493	142	119131	5.252	ng/u1	99
52) Acenaphthene	14.516	153	501685	19.891	ng/u1	98
61) Fluorene	15.498	166	512172	18.464	ng/u1	99
72) Phenanthrene	17.245	178	2213056m	44.700	ng/u1	
74) Anthracene	17.339	178	243435	4.905	ng/u1	100
80) Fluoranthene	19.216	202	1266202	15.356	ng/u1	96
82) Pyrene	19.569	202	489979	5.890	ng/u1	95
85) Benzo(a)anthracene	21.280	228	203799	2.802	ng/u1	98
87) Chrysene	21.333	228	163905	2.447	ng/u1	98
90) Benzo(b)fluoranthene	22.939	252	90819	1.177	ng/u1	97

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

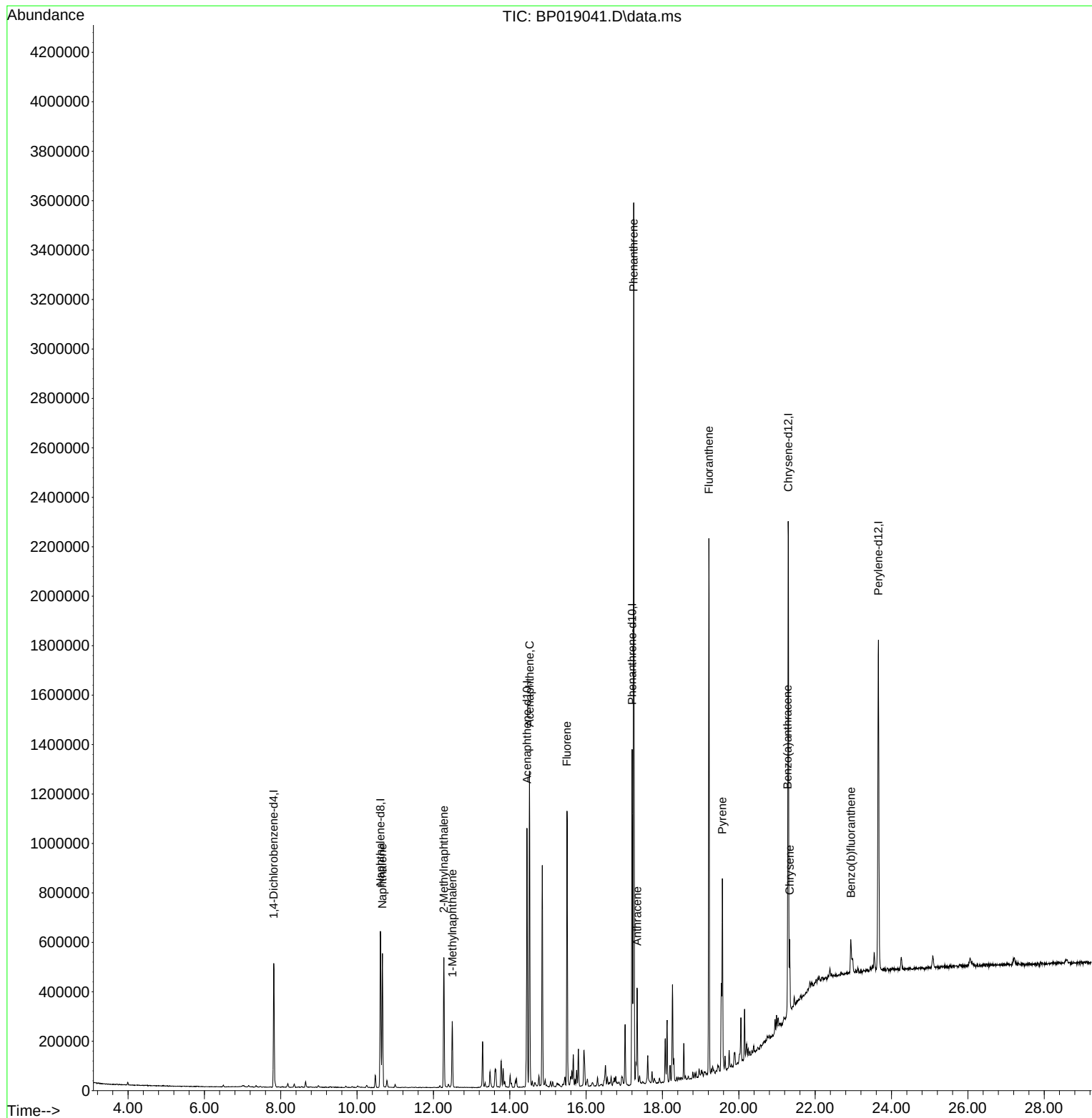
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019041.D
Acq On : 22 Dec 2023 15:26
Operator : MA/JU
Sample : 05626-10MEDL2 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

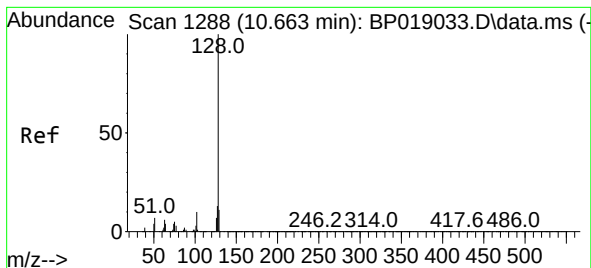
Instrument :
BNA_P
ClientSampleId :
DCLF6MEDL2

Quant Time: Dec 22 22:59:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
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#30

Naphthalene

Concen: 13.818 ng/ul

RT: 10.663 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BP019041.D

Acq: 22 Dec 2023 15:26

Instrument :

BNA_P

ClientSampleId :

DCLF6MEDL2

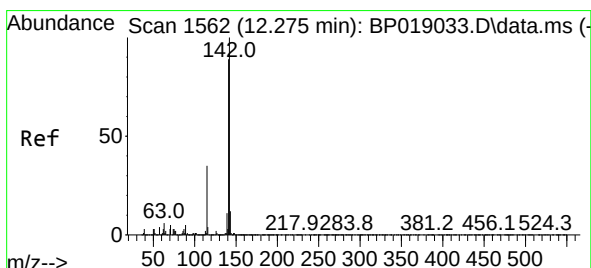
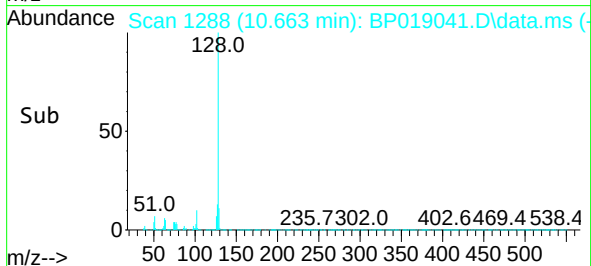
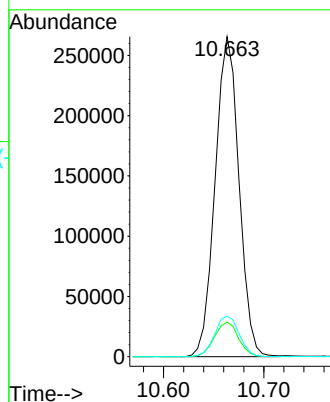
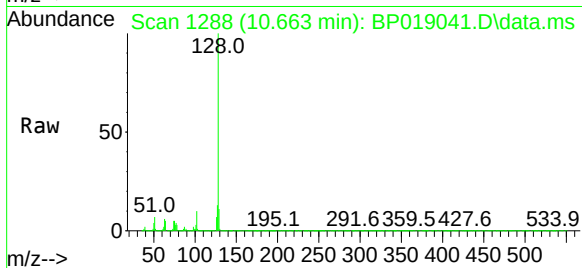
Tgt Ion:	128	Resp:	43811
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.9	13.3
127	12.7	10.5	15.7

Manual Integrations

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#36

2-Methylnaphthalene

Concen: 10.709 ng/ul

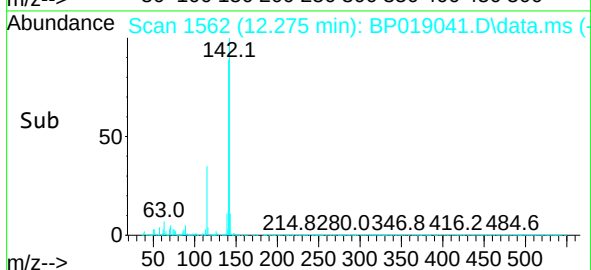
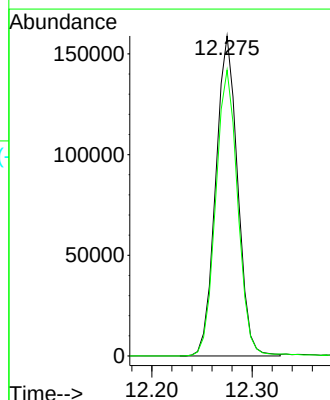
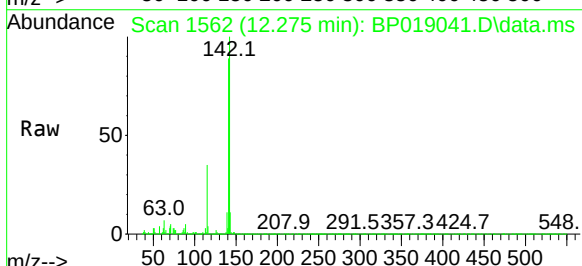
RT: 12.275 min Scan# 1562

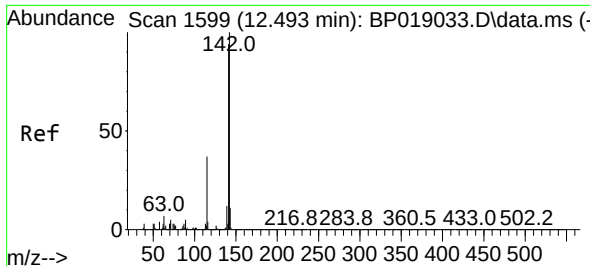
Delta R.T. -0.006 min

Lab File: BP019041.D

Acq: 22 Dec 2023 15:26

Tgt Ion:	142	Resp:	240553
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.4	107.0





#37
1-Methylnaphthalene
Concen: 5.252 ng/ul
RT: 12.493 min Scan# 11913
Delta R.T. -0.006 min
Lab File: BP019041.D
Acq: 22 Dec 2023 15:26

Instrument :

BNA_P

ClientSampleId :

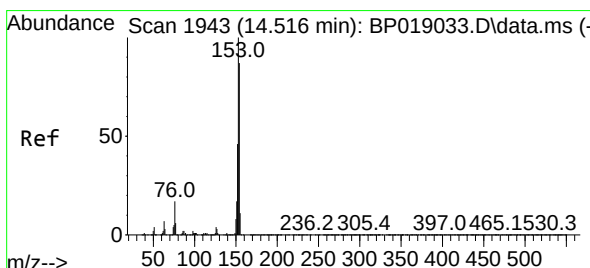
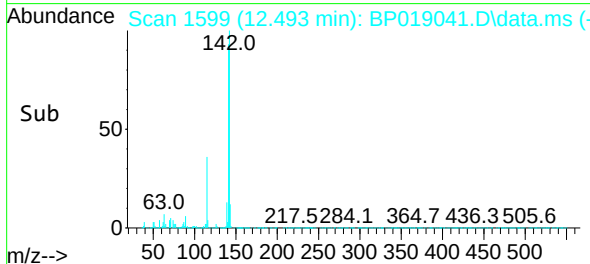
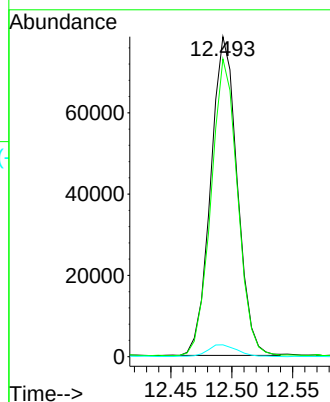
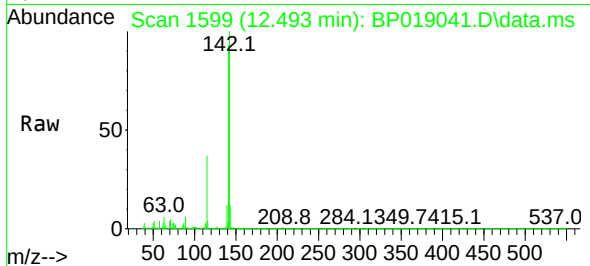
DCLF6MEDL2

Tgt Ion:142 Resp: 11913
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3
116 3.7 2.8 4.2

Manual Integrations

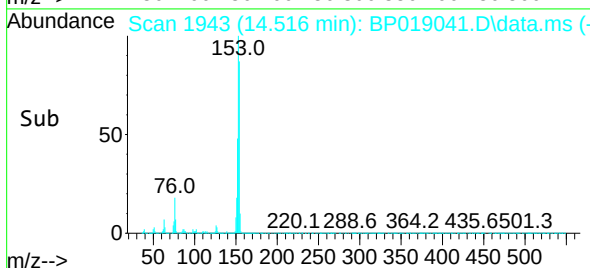
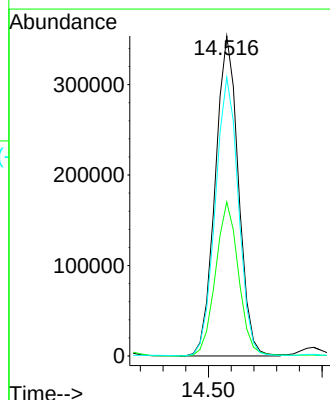
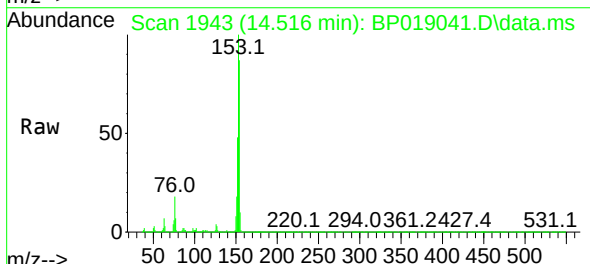
APPROVED

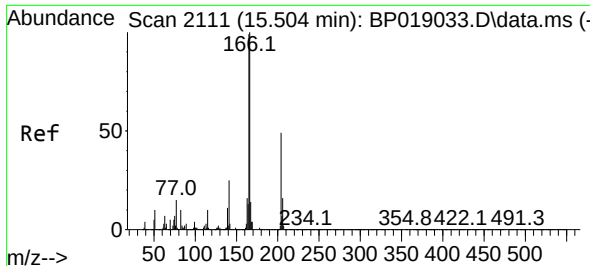
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 19.891 ng/ul
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP019041.D
Acq: 22 Dec 2023 15:26

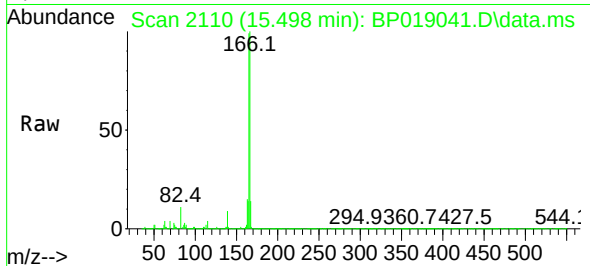
Tgt Ion:153 Resp: 501685
Ion Ratio Lower Upper
153 100
152 48.2 38.1 57.1
154 87.1 71.7 107.5





#61
Fluorene
Concen: 18.464 ng/ul
RT: 15.498 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP019041.D
Acq: 22 Dec 2023 15:26

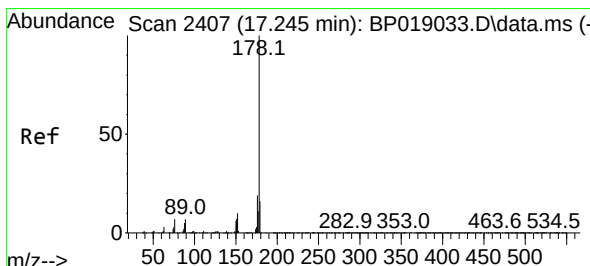
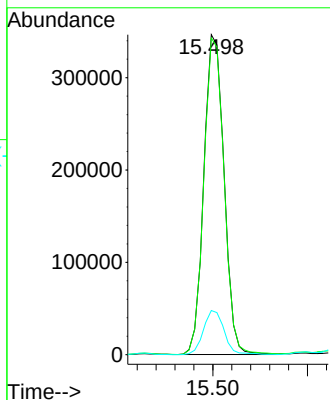
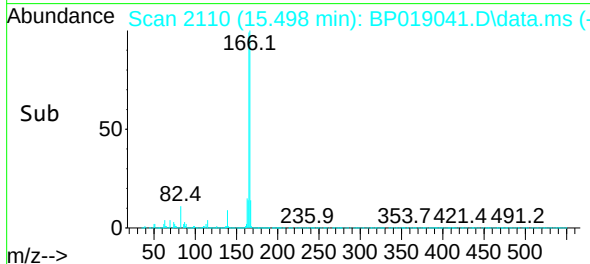
Instrument :
BNA_P
ClientSampleId :
DCLF6MEDL2



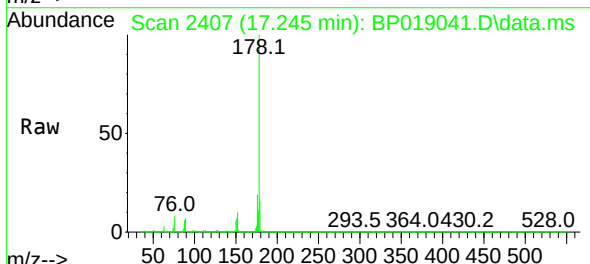
Tgt Ion:166 Resp: 512172
Ion Ratio Lower Upper
166 100
165 98.9 78.0 117.0
167 13.8 10.8 16.2

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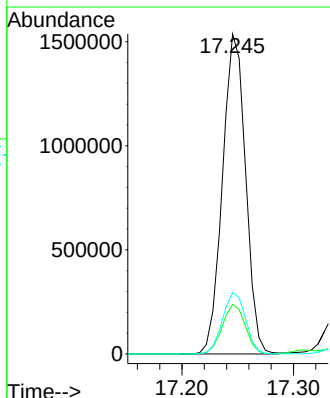
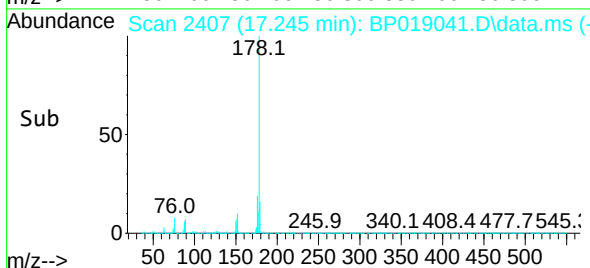
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

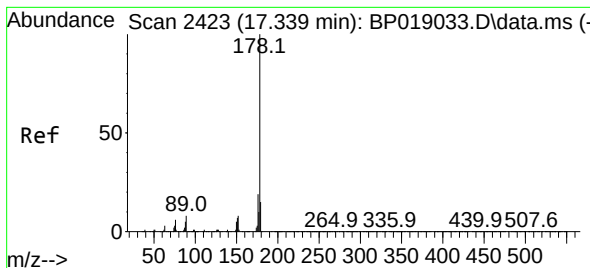


#72
Phenanthrene
Concen: 44.700 ng/ul m
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP019041.D
Acq: 22 Dec 2023 15:26



Tgt Ion:178 Resp: 2213056
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.2 15.4 23.2





#74

Anthracene

Concen: 4.905 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP019041.D

Acq: 22 Dec 2023 15:26

Instrument :

BNA_P

ClientSampleId :

DCLF6MEDL2

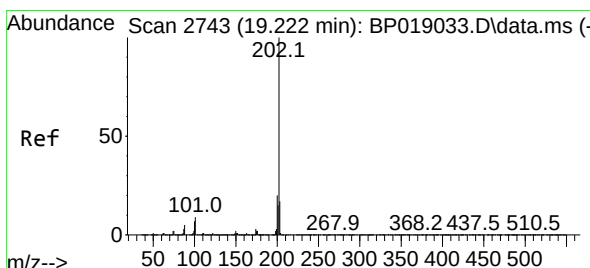
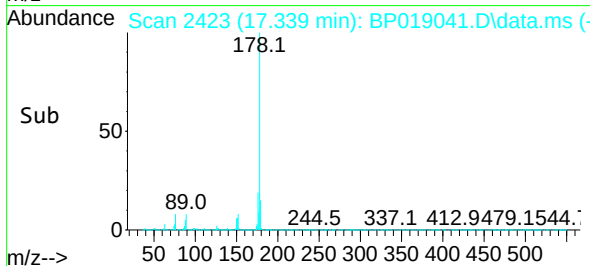
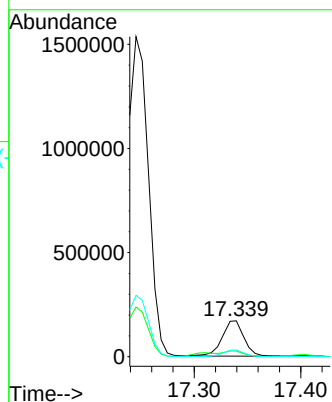
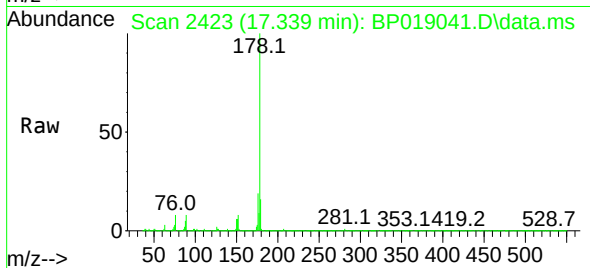
Tgt Ion:178	Resp: 24343
Ion Ratio	Lower Upper
178 100	
179 15.6	12.5 18.7
176 18.6	15.0 22.6

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Supervised By :mohammad ahmed 12/25/2023



#80

Fluoranthene

Concen: 15.356 ng/ul

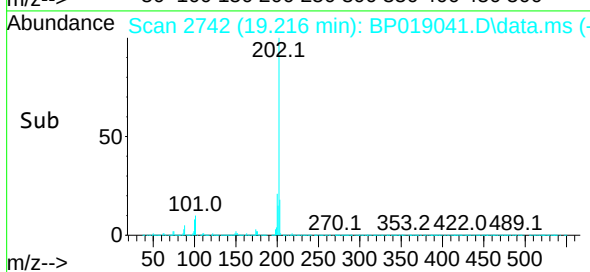
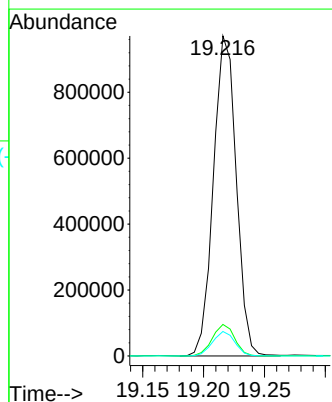
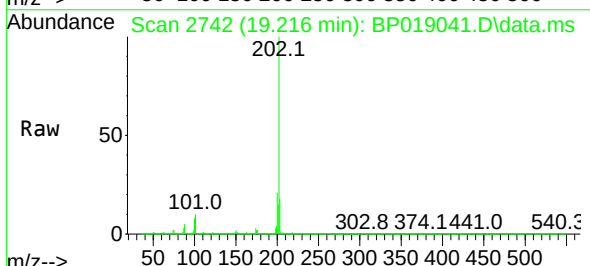
RT: 19.216 min Scan# 2742

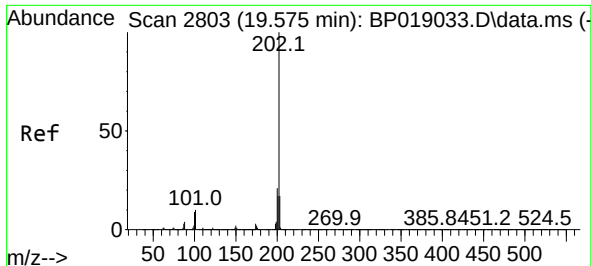
Delta R.T. -0.006 min

Lab File: BP019041.D

Acq: 22 Dec 2023 15:26

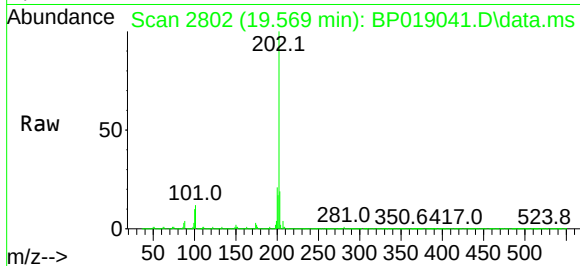
Tgt Ion:202	Resp: 1266202
Ion Ratio	Lower Upper
202 100	
101 9.8	9.1 13.7
100 7.6	7.1 10.7





#82
Pyrene
Concen: 5.890 ng/ul
RT: 19.569 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019041.D
Acq: 22 Dec 2023 15:26

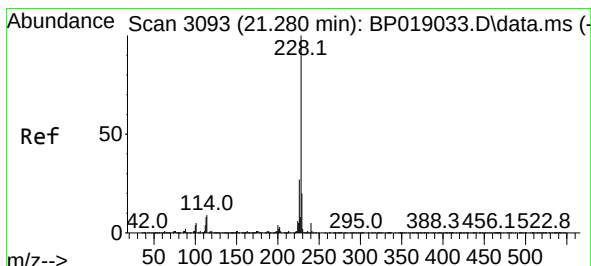
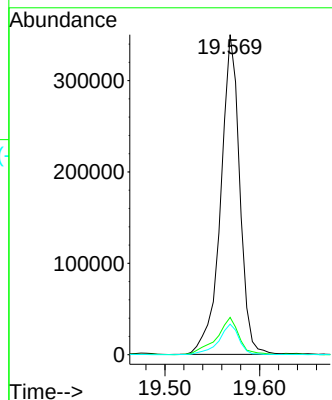
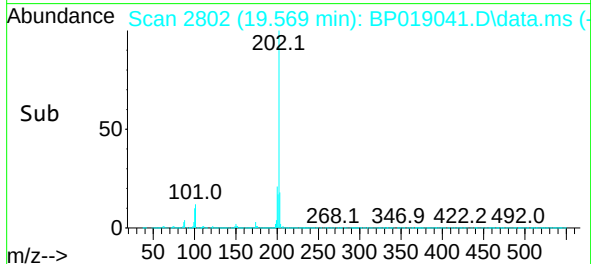
Instrument :
BNA_P
ClientSampleId :
DCLF6MEDL2



Tgt Ion:202 Resp: 489979
Ion Ratio Lower Upper
202 100
101 11.7 11.0 16.4
100 9.6 9.1 13.7

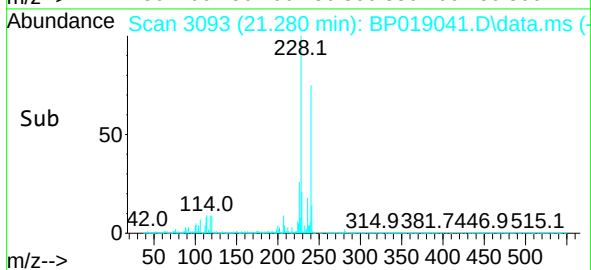
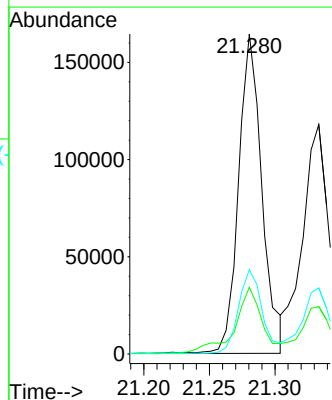
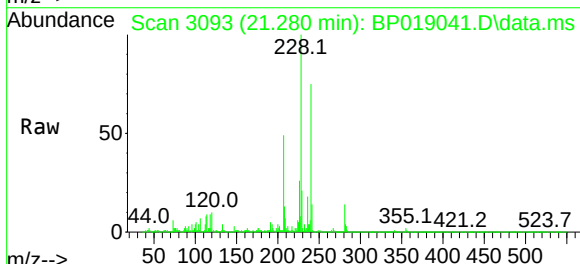
Manual Integrations
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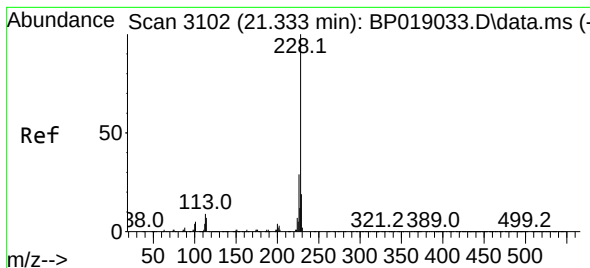
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#85
Benzo(a)anthracene
Concen: 2.802 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BP019041.D
Acq: 22 Dec 2023 15:26

Tgt Ion:228 Resp: 203799
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 26.4 21.9 32.9





#87

Chrysene

Concen: 2.447 ng/ul

RT: 21.333 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP019041.D

Acq: 22 Dec 2023 15:26

Instrument :

BNA_P

ClientSampleId :

DCLF6MEDL2

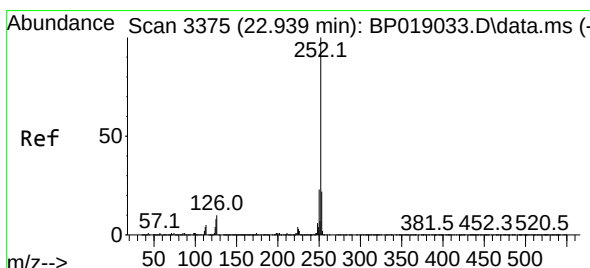
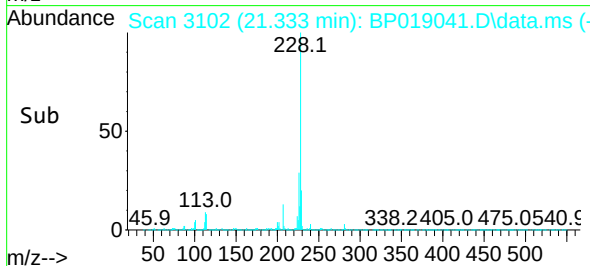
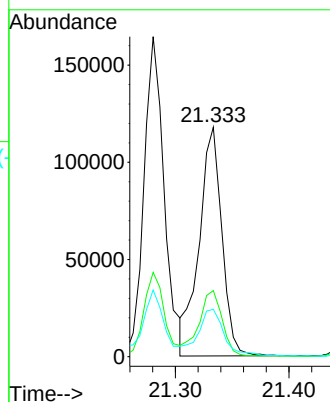
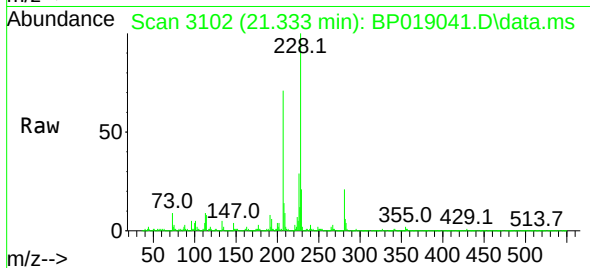
Tgt Ion:228 Resp: 163905
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.9 35.9
 229 20.7 15.6 23.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 12/25/2023



#90

Benzo(b)fluoranthene

Concen: 1.177 ng/ul

RT: 22.939 min Scan# 3375

Delta R.T. 0.000 min

Lab File: BP019041.D

Acq: 22 Dec 2023 15:26

Tgt Ion:252 Resp: 90819
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.3 25.9
 125 10.4 7.8 11.6

