

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019007.D
 Acq On : 21 Dec 2023 19:39
 Operator : MA/JU
 Sample : 05626-10ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF6ME

Quant Time: Dec 22 23:27:03 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 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023

12/22/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	130360	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	502753	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	339712	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	752645	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	801176	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	972490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	3194	0.835	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.999	99	59288	4.532	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	40272	5.194	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	50547	4.952	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	35419	3.345	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	27445	6.133	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	29377	6.332	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	56791	5.987	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	54129	4.366	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	217908	7.187	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	222489	6.664	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	25968	5.218	ng/u1	0.01
60) Fluorene-d10	15.451	176	192667	7.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	26799	5.938	ng/u1	0.02
73) Anthracene-d10	17.316	188	290181	7.334	ng/u1	0.01
81) Pyrene-d10	19.545	212	252099	4.042	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	164806	2.906	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.675	128	6218517	203.893	ng/u1	99
36) 2-Methylnaphthalene	12.281	142	3593457	166.312	ng/u1	100
37) 1-Methylnaphthalene	12.499	142	1843171	84.471	ng/u1	99
50) Acenaphthylene	14.175	152	139061	3.705	ng/u1#	88
52) Acenaphthene	14.534	153	6675208	268.960	ng/u1	99
61) Fluorene	15.516	166	6954326	254.790	ng/u1	99
72) Phenanthrene	17.263	178	21135802m	464.970	ng/u1	
74) Anthracene	17.351	178	3620641	79.463	ng/u1	100
80) Fluoranthene	19.233	202	14697867	199.379	ng/u1#	91
82) Pyrene	19.580	202	6884301	92.570	ng/u1#	90
85) Benzo(a)anthracene	21.286	228	3145436	48.369	ng/u1	99
87) Chrysene	21.339	228	2458789	41.058	ng/u1	97
90) Benzo(b)fluoranthene	22.939	252	1636811	22.828	ng/u1	97
91) Benzo(k)fluoranthene	22.986	252	521532	7.517	ng/u1	97
93) Benzo(a)pyrene	23.551	252	270079	4.122	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.098	276	138747	1.772	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.121	278	79579	1.222	ng/u1	95

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

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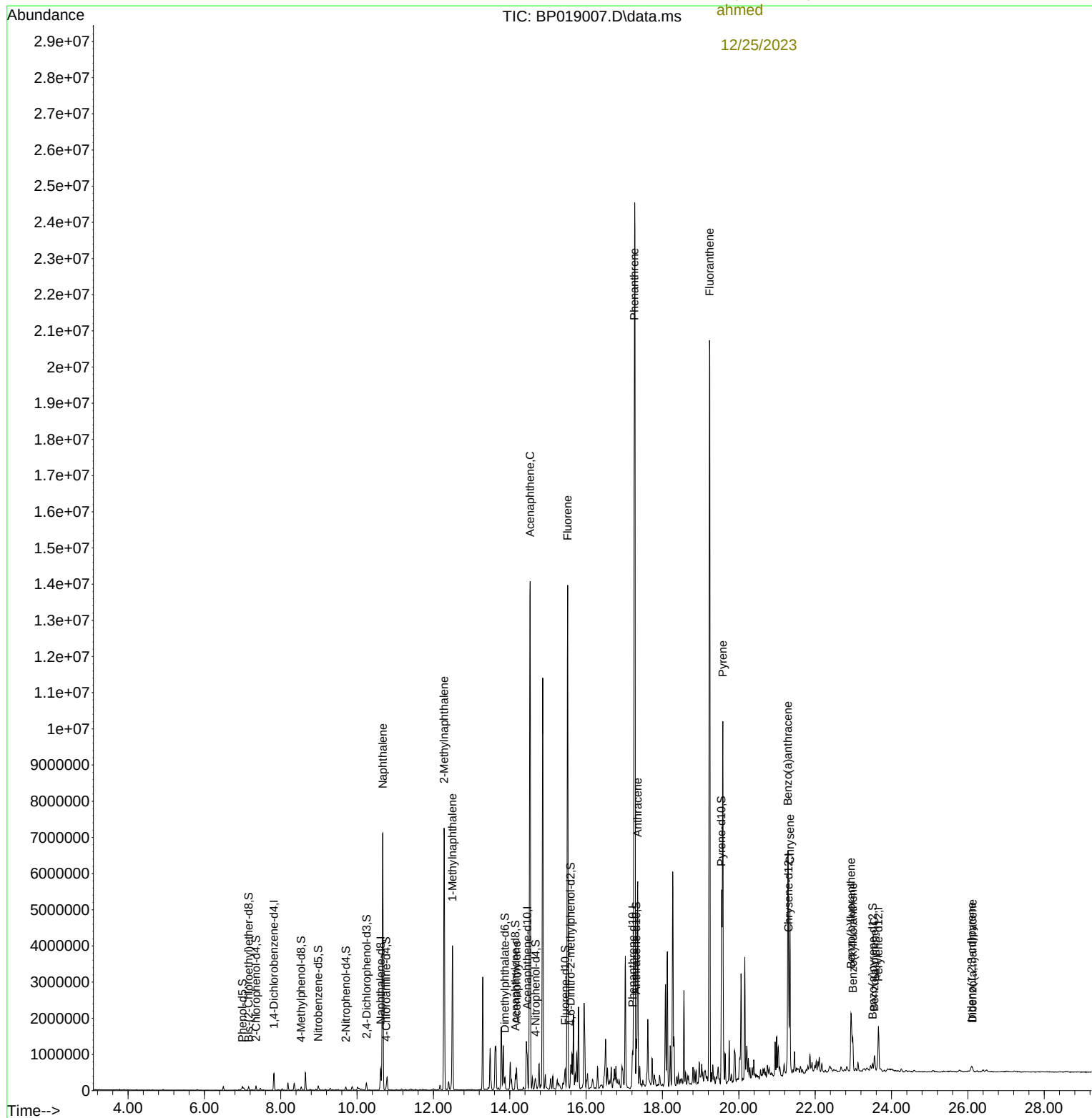
Quant Time: Dec 22 23:27:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

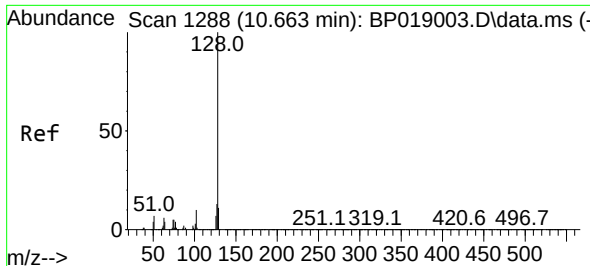
Manual Integrations
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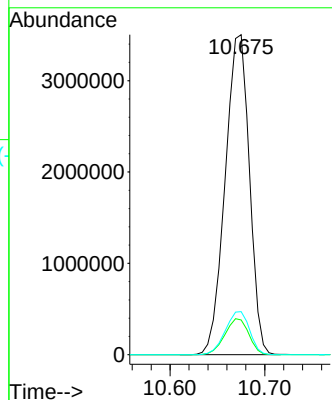
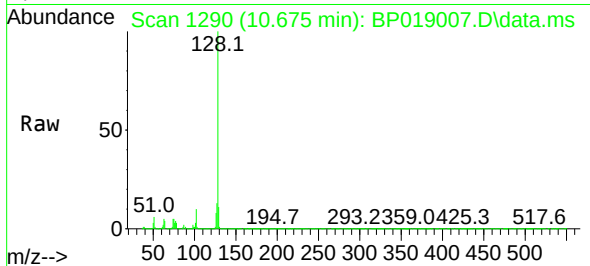
#30
Naphthalene
Concen: 203.893 ng/ul
RT: 10.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Instrument :
BNA_P
ClientSampleId :
DCLF6ME

Tgt Ion:128 Resp: 621851
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.5 15.7

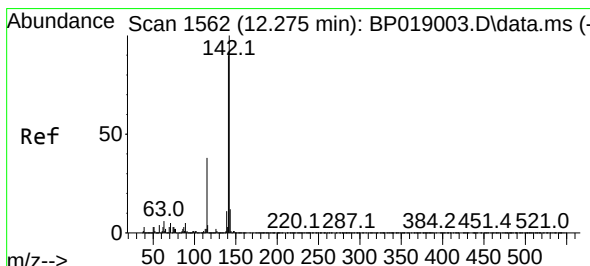
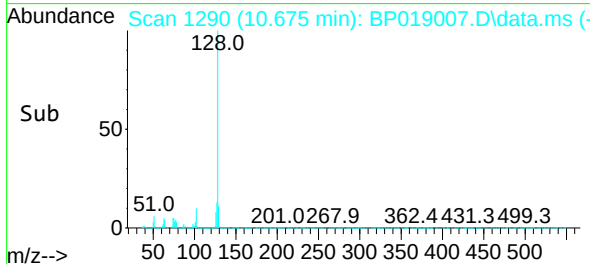
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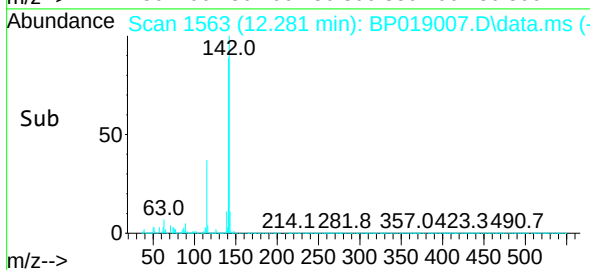
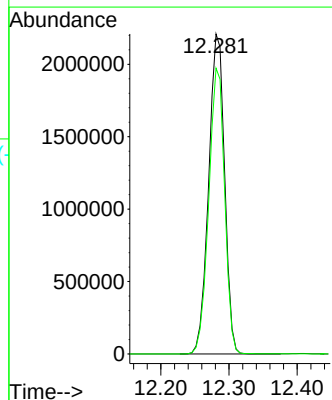
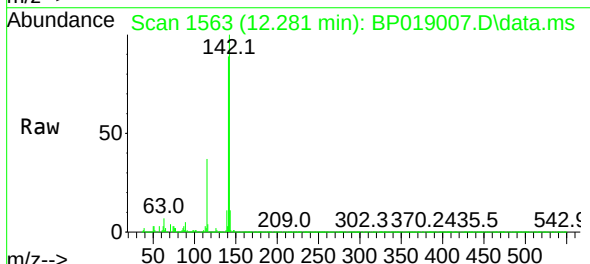
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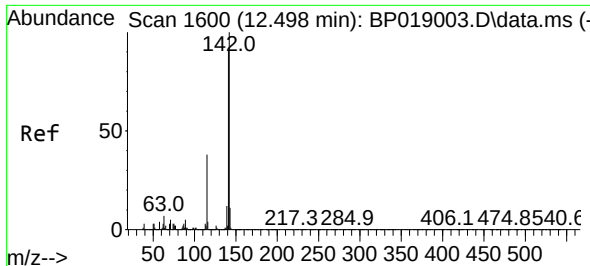
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#36
2-Methylnaphthalene
Concen: 166.312 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

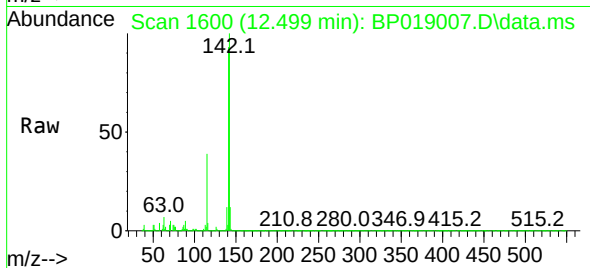
Tgt Ion:142 Resp: 3593457
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





#37
1-Methylnaphthalene
Concen: 84.471 ng/ul
RT: 12.499 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Instrument :
BNA_P
ClientSampleId :
DCLF6ME



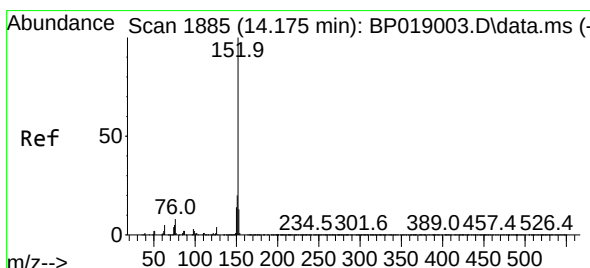
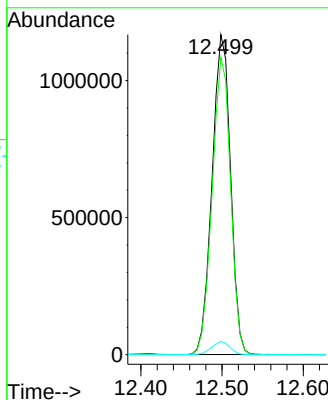
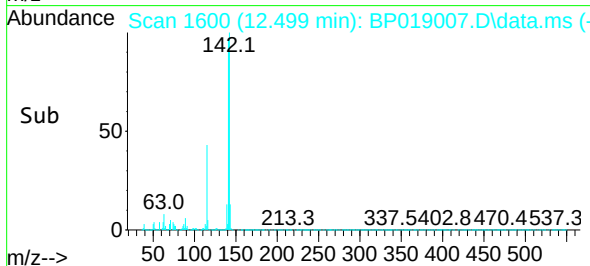
Tgt Ion:142 Resp: 184317
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3
116 4.1 2.8 4.2

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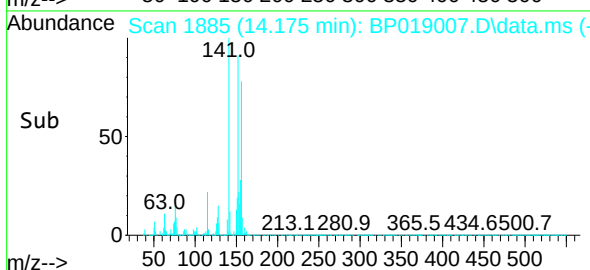
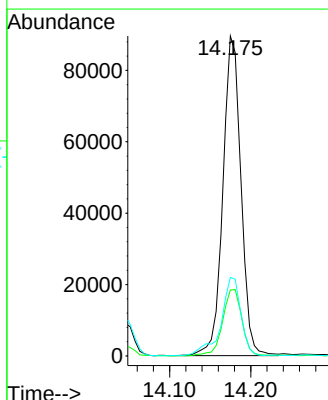
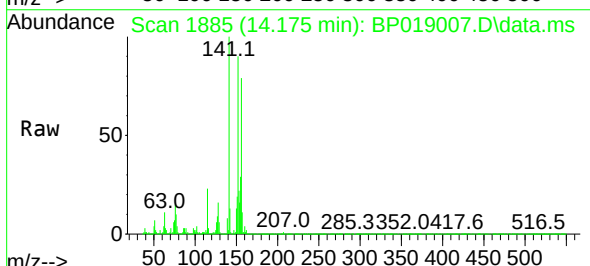
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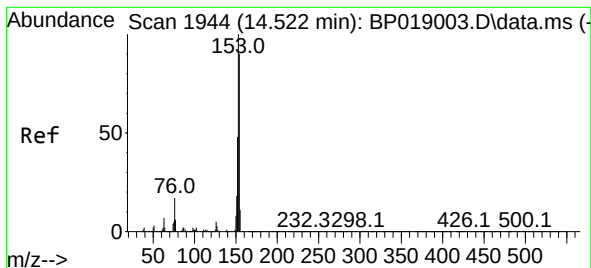
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#50
Acenaphthylene
Concen: 3.705 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

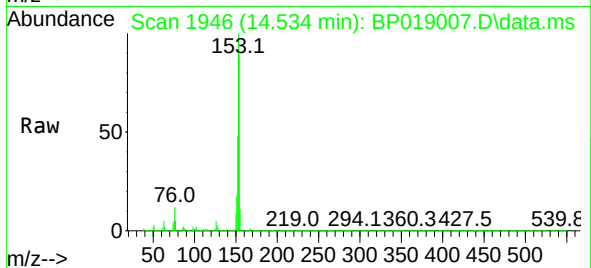
Tgt Ion:152 Resp: 139061
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 24.5 10.6 16.0#





#52
Acenaphthene
Concen: 268.960 ng/u1
RT: 14.534 min Scan# 1946
Delta R.T. 0.012 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

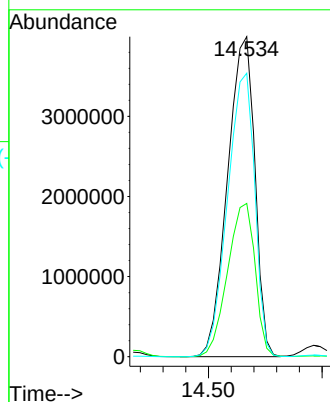
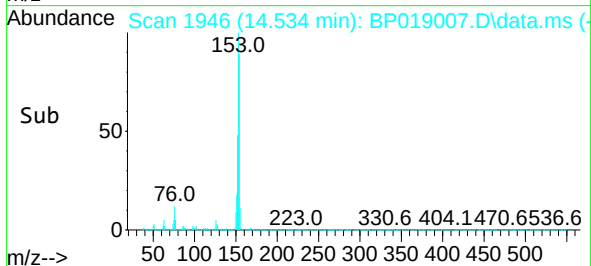
Instrument :
BNA_P
ClientSampleId :
DCLF6ME



Tgt Ion:153 Resp: 6675208
Ion Ratio Lower Upper
153 100
152 47.9 38.1 57.1
154 88.6 71.7 107.5

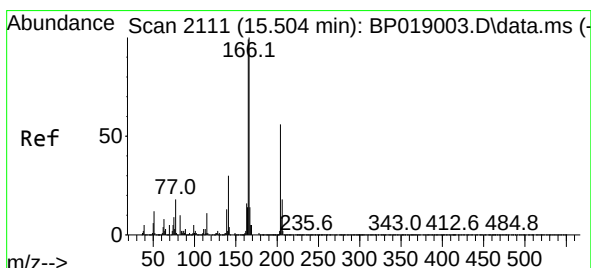
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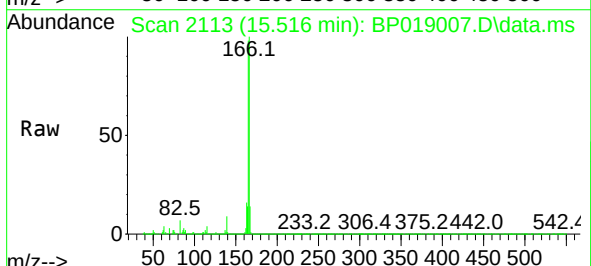


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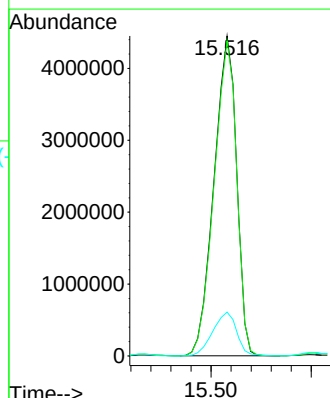
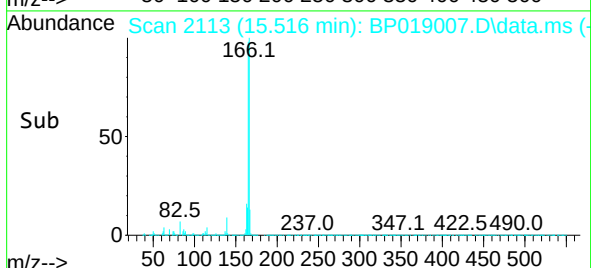
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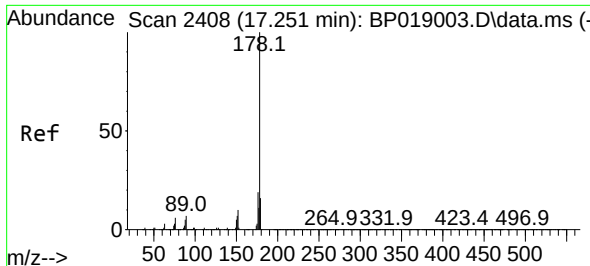


#61
Fluorene
Concen: 254.790 ng/u1
RT: 15.516 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39



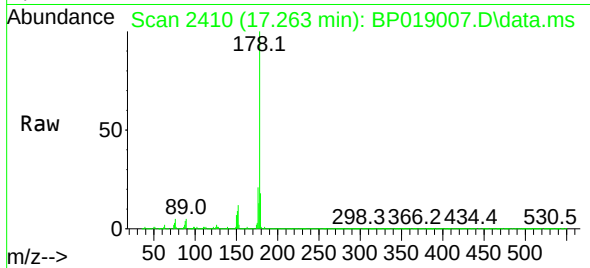
Tgt Ion:166 Resp: 6954326
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.7 10.8 16.2





#72
Phenanthrene
Concen: 464.970 ng/ul m
RT: 17.263 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Instrument :
BNA_P
ClientSampleId :
DCLF6ME



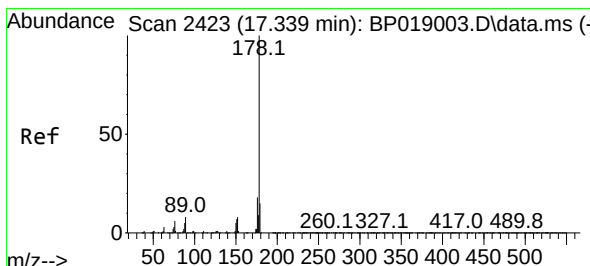
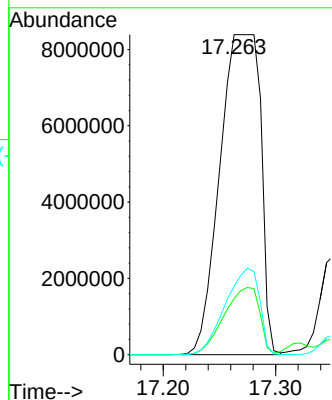
Tgt Ion:178 Resp:2113580
Ion Ratio Lower Upper
178 100
179 17.5 12.3 18.5
176 21.4 15.4 23.2

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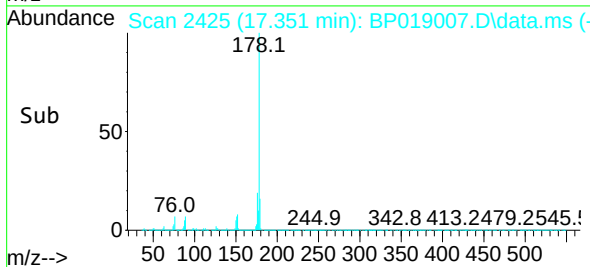
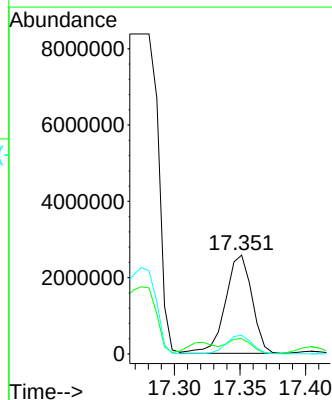
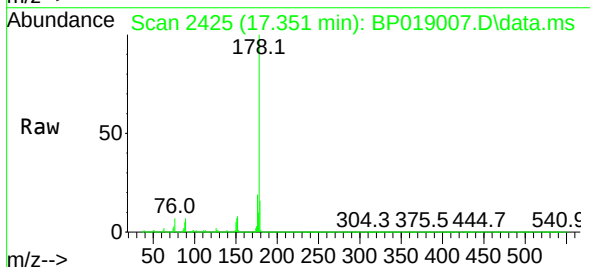
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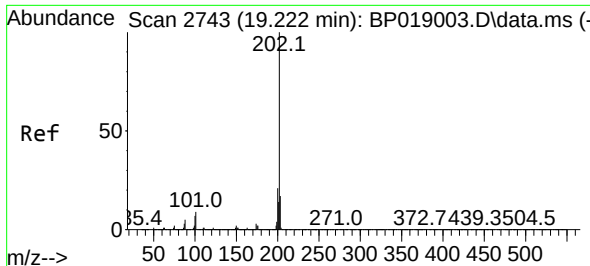
12/25/2023



#74
Anthracene
Concen: 79.463 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

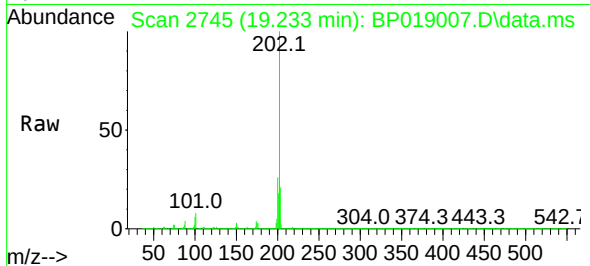
Tgt Ion:178 Resp: 3620641
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.0 15.0 22.6





#80
Fluoranthene
Concen: 199.379 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

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ClientSampleId :
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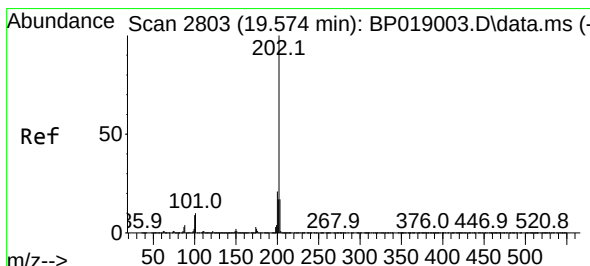
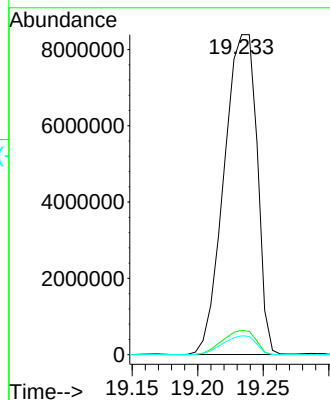
Tgt Ion:202 Resp:1469786
Ion Ratio Lower Upper
202 100
101 7.7 9.1 13.7#
100 5.9 7.1 10.7#

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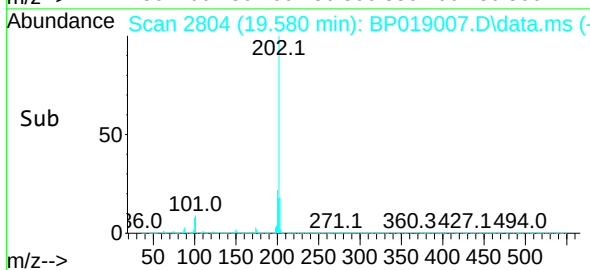
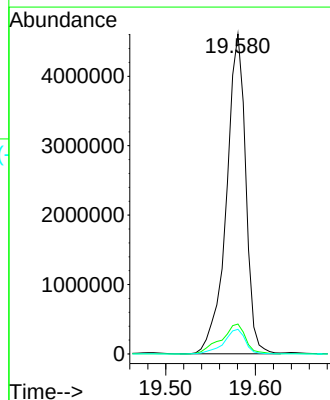
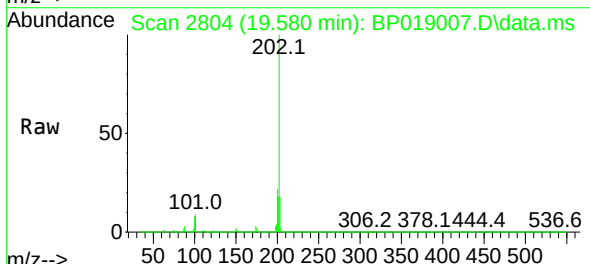
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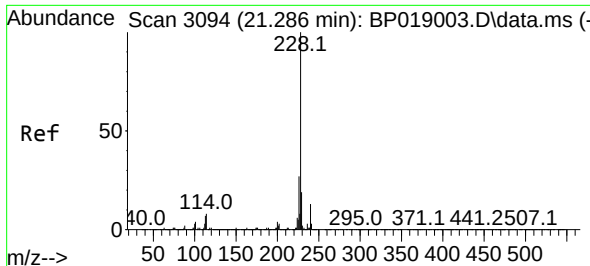
12/25/2023



#82
Pyrene
Concen: 92.570 ng/u1
RT: 19.580 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

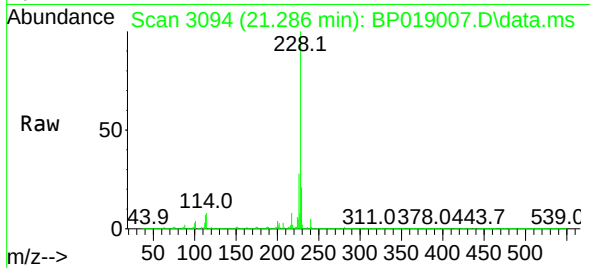
Tgt Ion:202 Resp: 6884301
Ion Ratio Lower Upper
202 100
101 9.4 11.0 16.4#
100 7.7 9.1 13.7#





#85
Benzo(a)anthracene
Concen: 48.369 ng/u1
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

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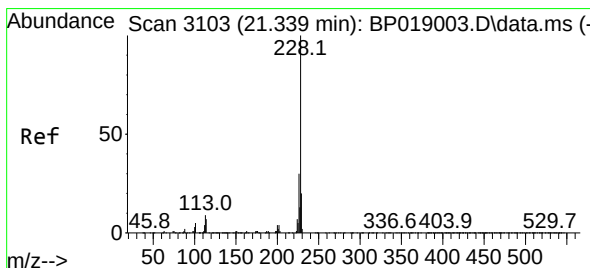
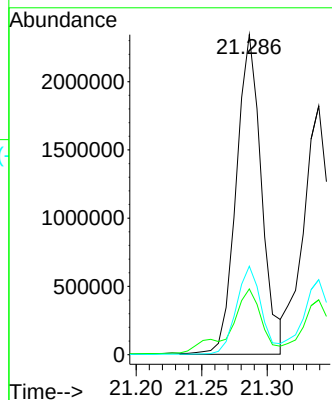
Tgt Ion:228 Resp: 3145436
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.7 21.9 32.9

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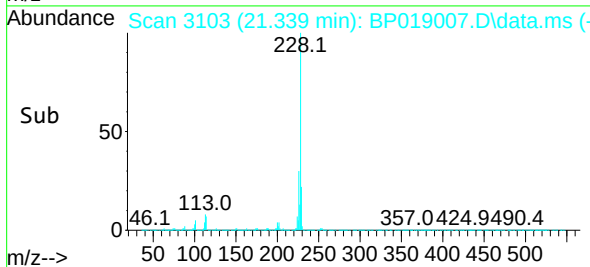
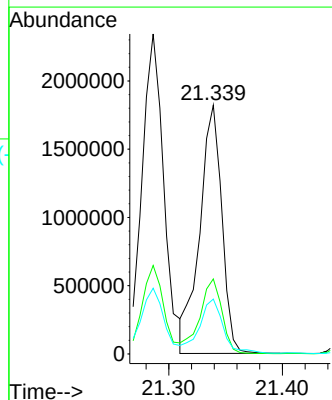
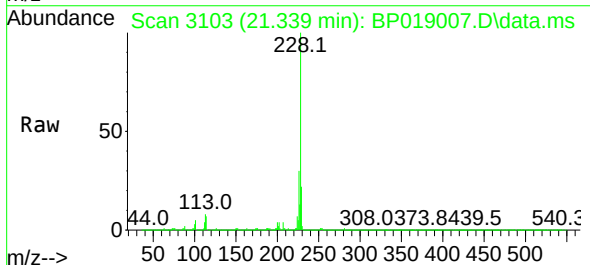
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Supervised By :mohammad
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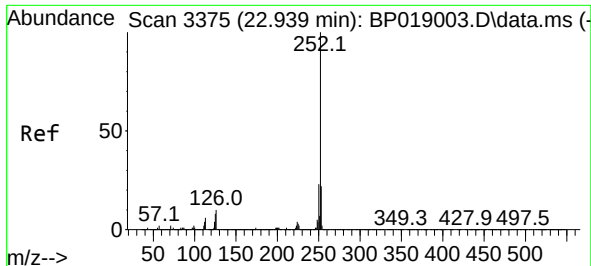
12/25/2023



#87
Chrysene
Concen: 41.058 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

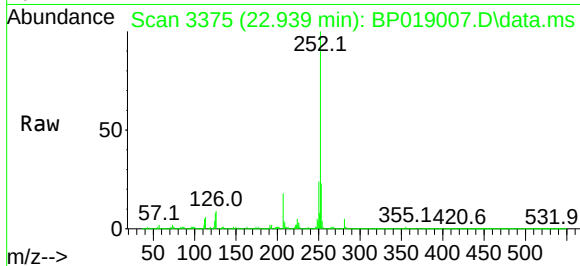
Tgt Ion:228 Resp: 2458789
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 22.1 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 22.828 ng/u1
RT: 22.939 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

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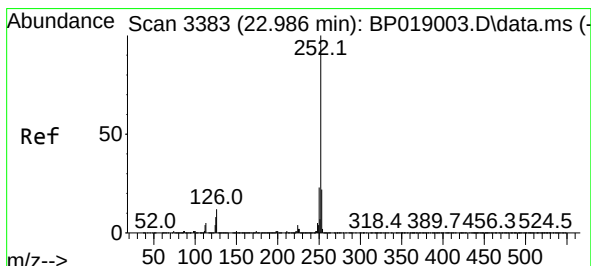
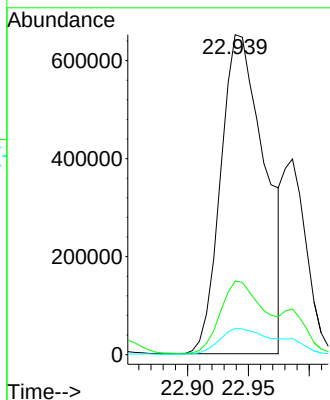
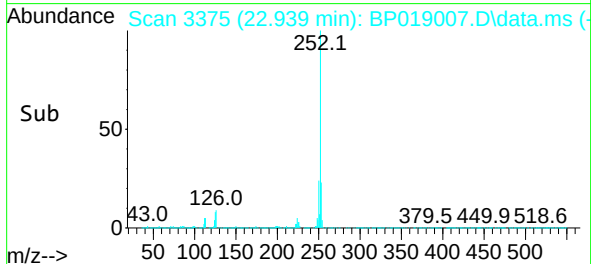
Tgt Ion:252 Resp: 163681
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 8.2 7.8 11.6

Manual Integrations
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Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023

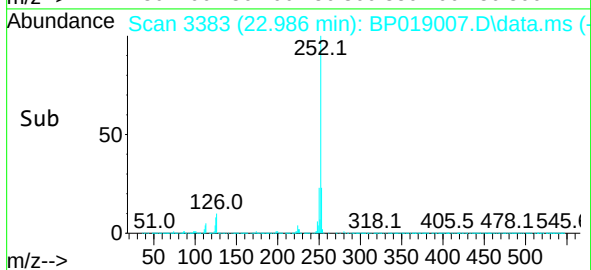
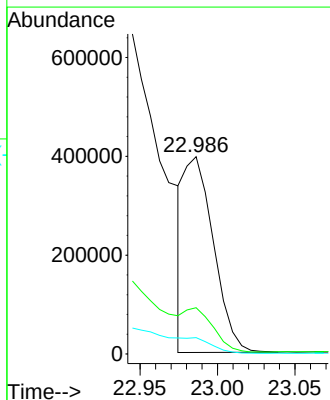
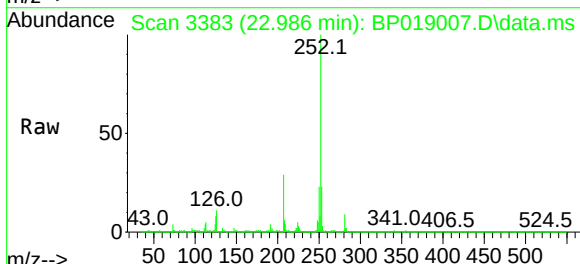
12/22/2023
Supervised By :mohammad
ahmed

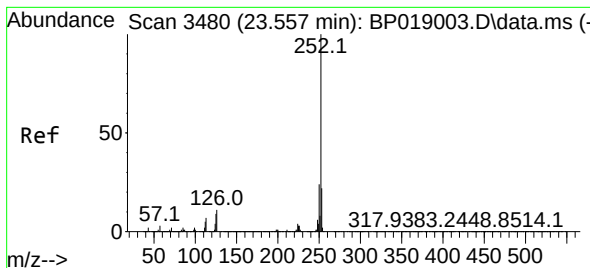
12/25/2023



#91
Benzo(k)fluoranthene
Concen: 7.517 ng/u1
RT: 22.986 min Scan# 3383
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Tgt Ion:252 Resp: 521532
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 8.2 8.0 12.0





#93

Benzo(a)pyrene

Concen: 4.122 ng/ul

RT: 23.551 min Scan# 3480

Delta R.T. -0.006 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

DCLF6ME

Tgt Ion:252 Resp: 270079

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	9.1	9.2	13.8

Manual Integrations

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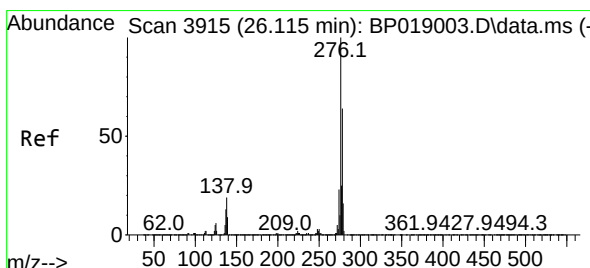
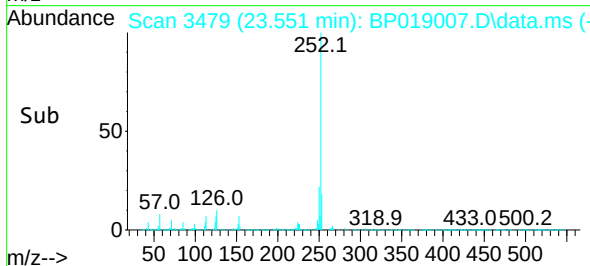
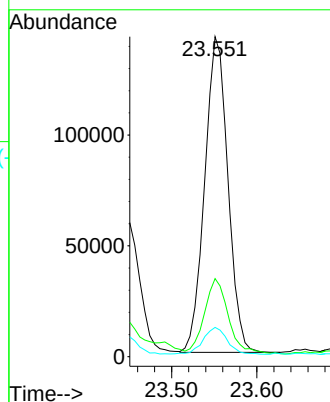
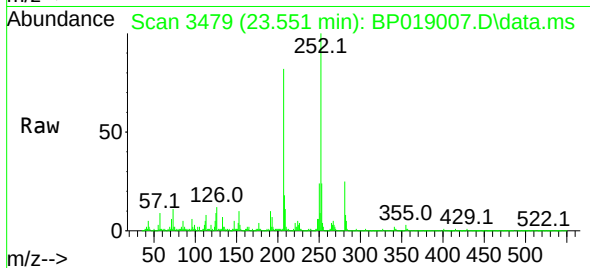
Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/25/2023

12/22/2023

Supervised By :mohammad
ahmed

12/25/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.772 ng/ul

RT: 26.098 min Scan# 3912

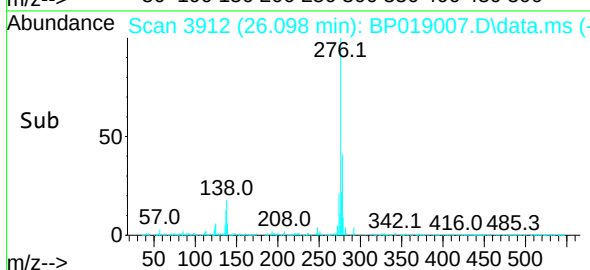
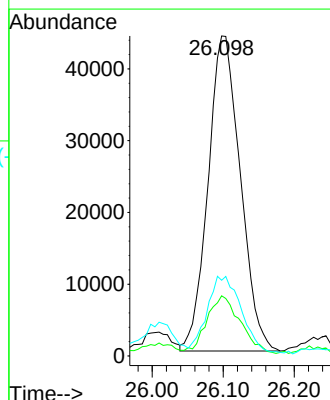
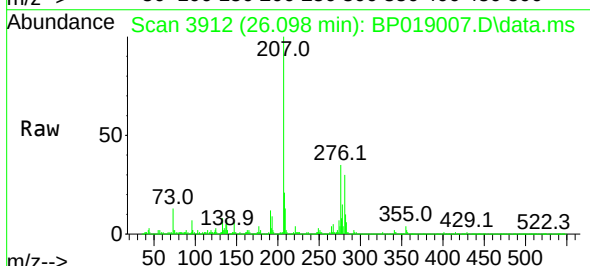
Delta R.T. -0.018 min

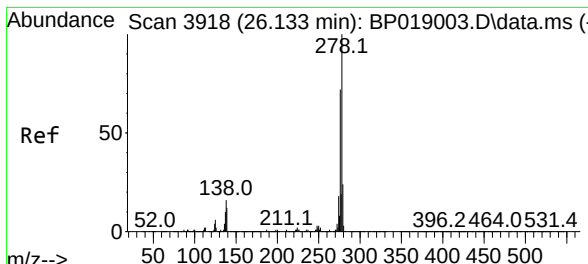
Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Tgt Ion:276 Resp: 138747

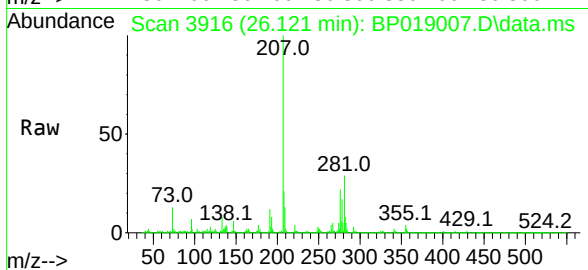
Ion	Ratio	Lower	Upper
276	100		
138	18.8	19.4	29.2
277	23.6	19.8	29.6





#95
 Dibenzo(a,h)anthracene
 Concen: 1.222 ng/ul
 RT: 26.121 min Scan# 3916
 Delta R.T. -0.012 min
 Lab File: BP019007.D
 Acq: 21 Dec 2023 19:39

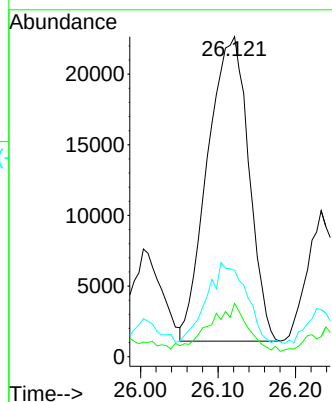
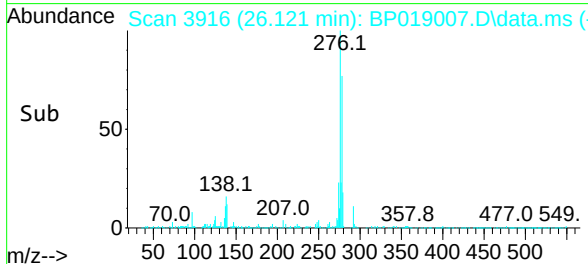
Instrument :
 BNA_P
 ClientSampleId :
 DCLF6ME



Tgt Ion:	278	Resp:	79579
Ion Ratio	Lower	Upper	
278	100		
139	16.7	13.0	19.6
279	27.0	18.7	28.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023



12/22/2023
 Supervised By :mohammad
 ahmed
 12/25/2023