

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019008.D
 Acq On : 21 Dec 2023 20:13
 Operator : MA/JU
 Sample : 05626-12ME
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF8ME

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:34:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	155329	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	622835	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	414771	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	917717	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	931000	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	1151095	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	5436	1.193	ng/uL	0.00
4) Pyridine-d5	3.687	84	15499m	1.269	ng/u1	0.02
7) Phenol-d5	6.993	99	103370	6.631	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	70396	7.620	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	90137	7.411	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	53656	4.253	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	47835	8.629	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	55842	9.716	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	97330	8.282	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	85016	5.535	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	349979	9.454	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	361600	8.871	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	41124	6.768	ng/u1	0.01
60) Fluorene-d10	15.451	176	310403	9.989	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	46182	8.393	ng/u1	0.01
73) Anthracene-d10	17.316	188	453542	9.401	ng/u1	0.01
81) Pyrene-d10	19.545	212	297904	4.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	181811	2.709	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.669	128	4990646	132.085	ng/u1	99
36) 2-Methylnaphthalene	12.281	142	2846628	106.347	ng/u1	98
37) 1-Methylnaphthalene	12.499	142	1398298	51.728	ng/u1	99
50) Acenaphthylene	14.175	152	126516	2.761	ng/u1#	86
52) Acenaphthene	14.528	153	5748726	189.713	ng/u1	99
61) Fluorene	15.516	166	7125458	213.817	ng/u1	99
72) Phenanthrene	17.263	178	19973488m	360.364	ng/u1	
74) Anthracene	17.363	178	12564231	226.149	ng/u1	98
80) Fluoranthene	19.233	202	13915836	162.447	ng/u1#	90
82) Pyrene	19.581	202	4887437	56.555	ng/u1#	90
85) Benzo(a)anthracene	21.286	228	2817198	37.280	ng/u1	99
87) Chrysene	21.339	228	2332794	33.522	ng/u1	97
90) Benzo(b)fluoranthene	22.939	252	1559515	18.375	ng/u1	97
91) Benzo(k)fluoranthene	22.980	252	476443m	5.802	ng/u1	
93) Benzo(a)pyrene	23.551	252	176217	2.272	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.098	276	110707	1.195	ng/u1	95
95) Dibenzo(a,h)anthracene	26.110	278	83685	1.086	ng/u1#	90

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

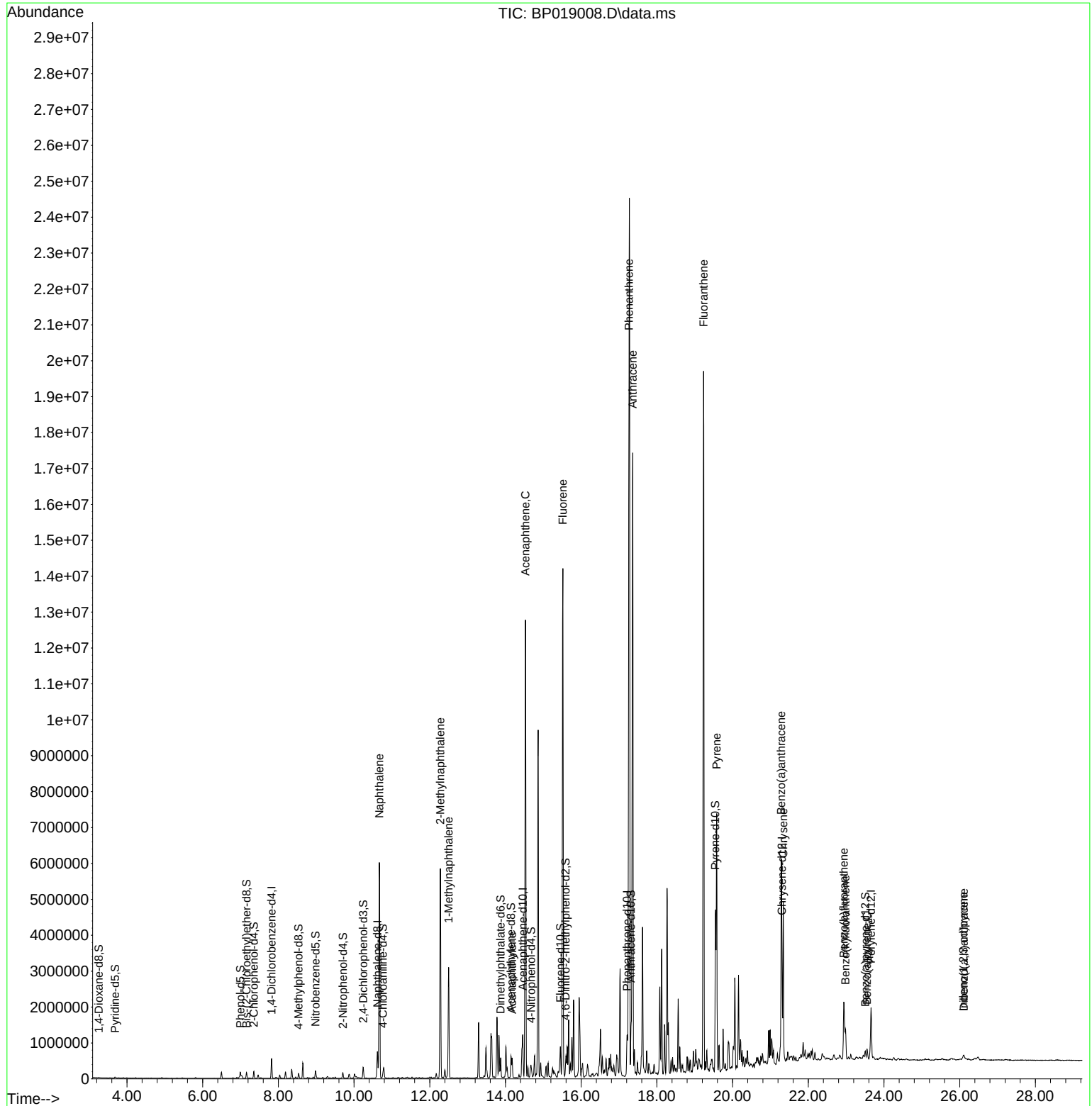
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019008.D
Acq On : 21 Dec 2023 20:13
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ALS Vial : 7 Sample Multiplier: 1

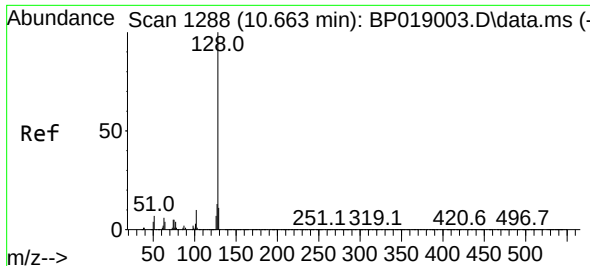
Instrument :
BNA_P
ClientSampleId :
DCLF8ME

Quant Time: Dec 22 23:34:09 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

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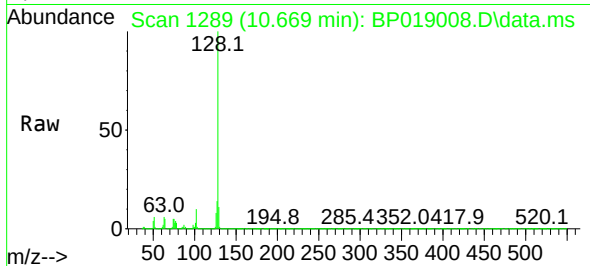
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023





#30
Naphthalene
Concen: 132.085 ng/ul
RT: 10.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

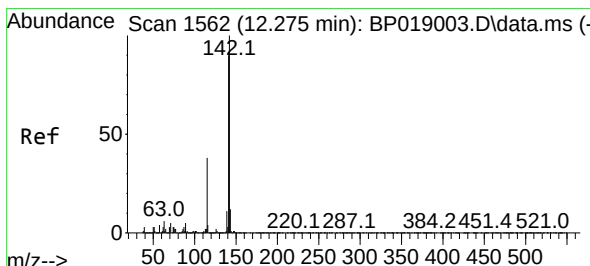
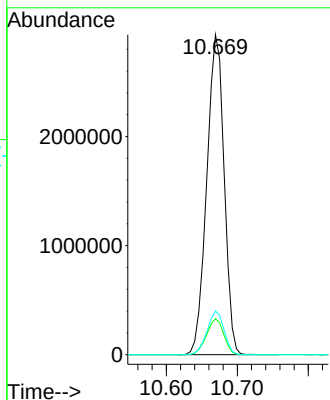
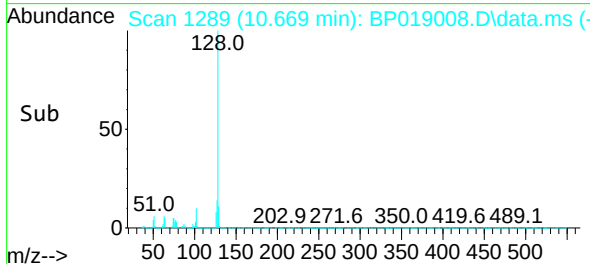
Instrument :
BNA_P
ClientSampleId :
DCLF8ME



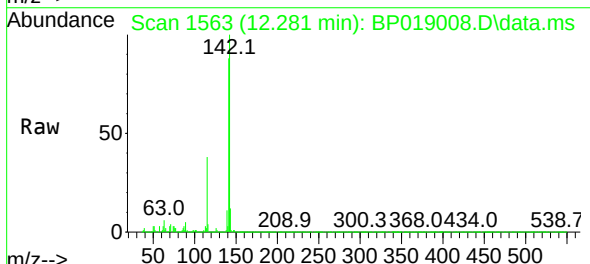
Tgt Ion:128 Resp: 4990640
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.7 10.5 15.7

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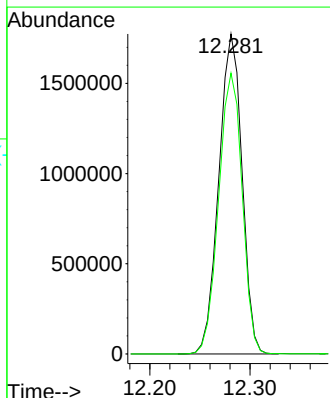
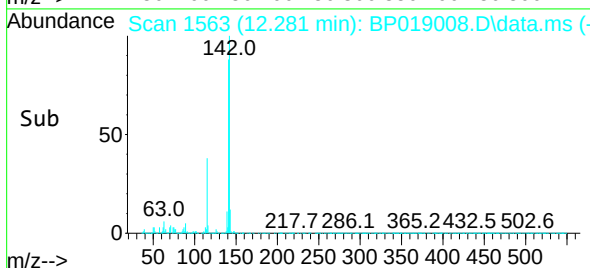
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023

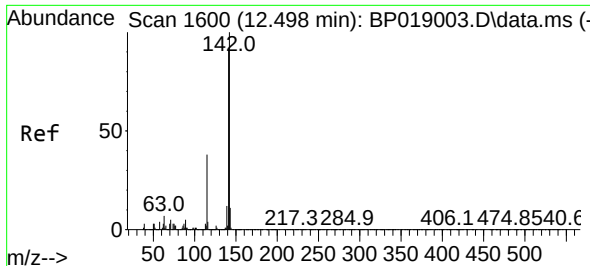


#36
2-Methylnaphthalene
Concen: 106.347 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13



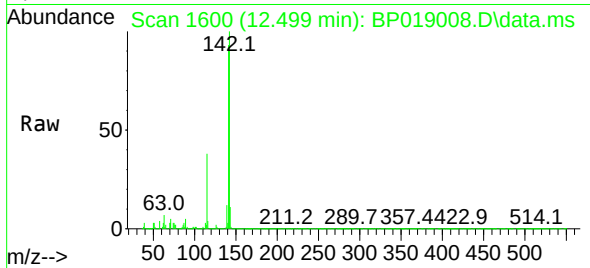
Tgt Ion:142 Resp: 2846628
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.0





#37
1-Methylnaphthalene
Concen: 51.728 ng/ul
RT: 12.499 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

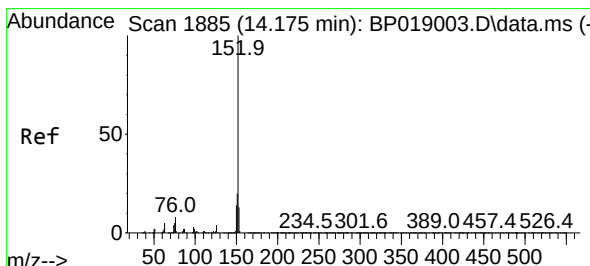
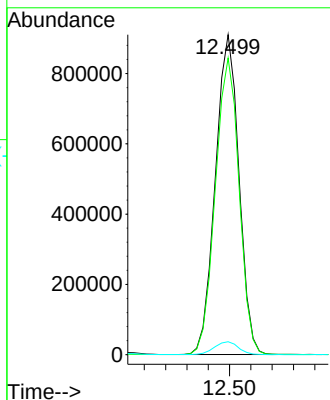
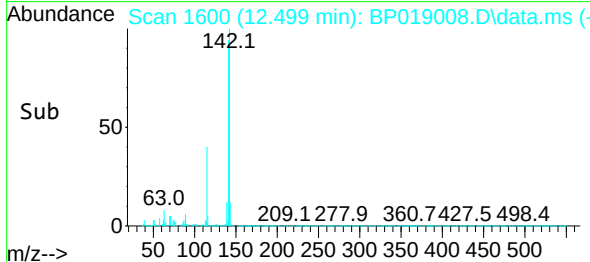
Instrument :
BNA_P
ClientSampleId :
DCLF8ME



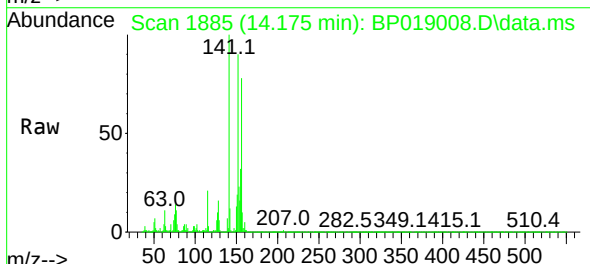
Tgt Ion:142 Resp: 1398298
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 4.1 2.8 4.2

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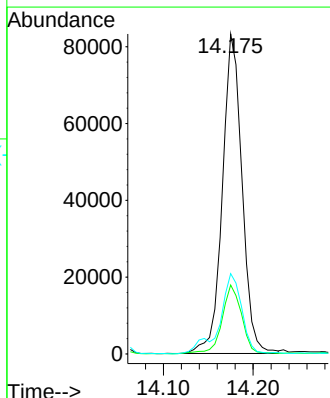
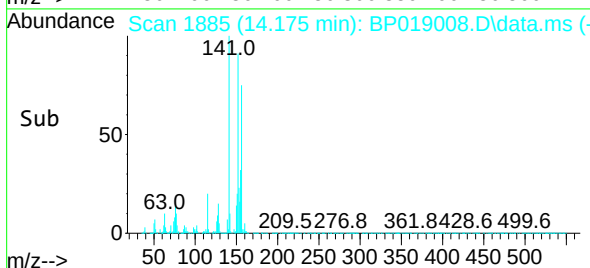
Reviewed By :Yogesh Patel 12/22/2023
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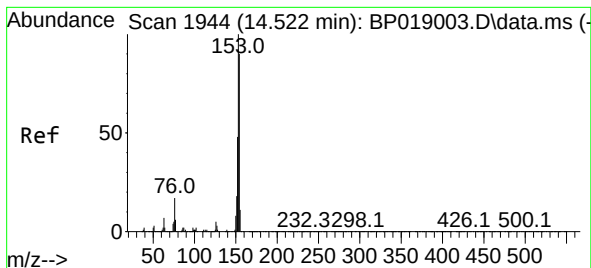


#50
Acenaphthylene
Concen: 2.761 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13



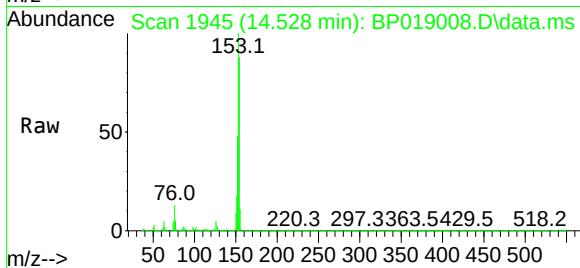
Tgt Ion:152 Resp: 126516
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 25.1 10.6 16.0#





#52
Acenaphthene
Concen: 189.713 ng/ul
RT: 14.528 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

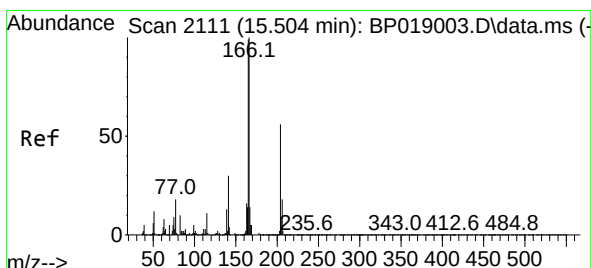
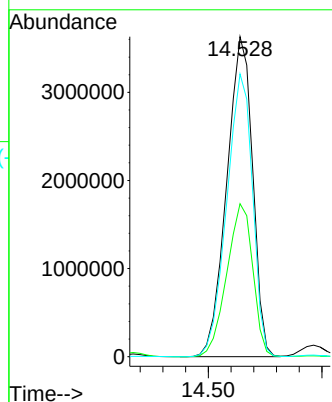
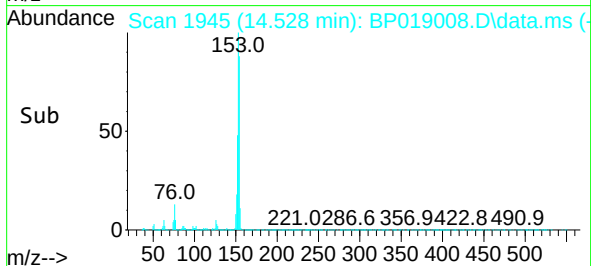
Instrument :
BNA_P
ClientSampleId :
DCLF8ME



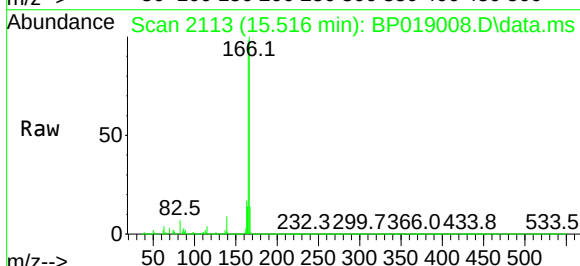
Tgt Ion:153 Resp: 5748720
Ion Ratio Lower Upper
153 100
152 47.8 38.1 57.1
154 88.3 71.7 107.5

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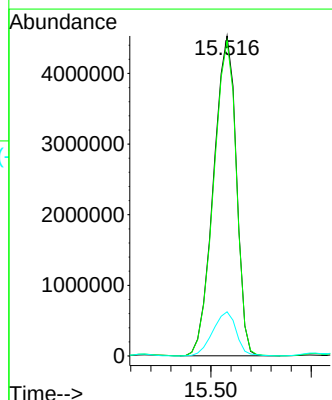
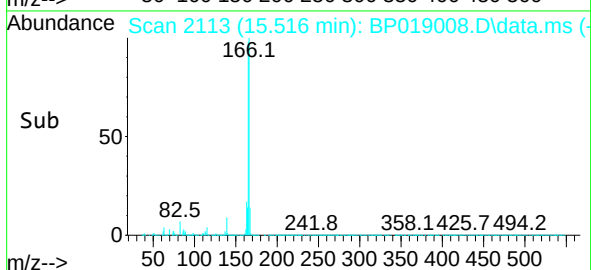
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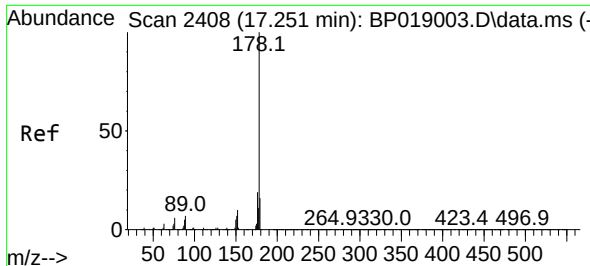


#61
Fluorene
Concen: 213.817 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13



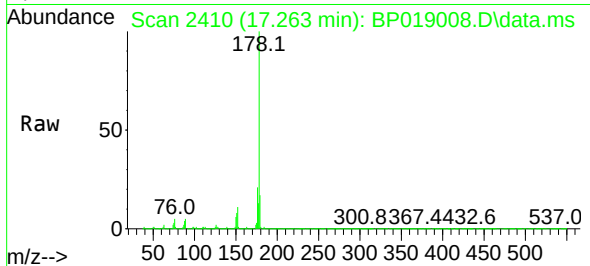
Tgt Ion:166 Resp: 7125458
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 13.8 10.8 16.2





#72
Phenanthrene
Concen: 360.364 ng/ul m
RT: 17.263 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

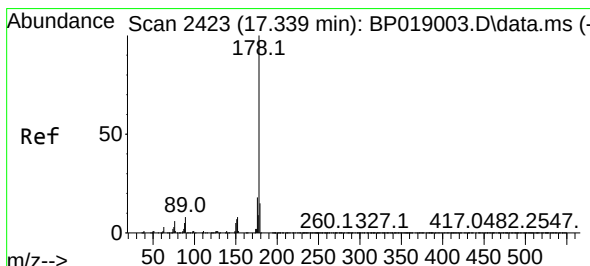
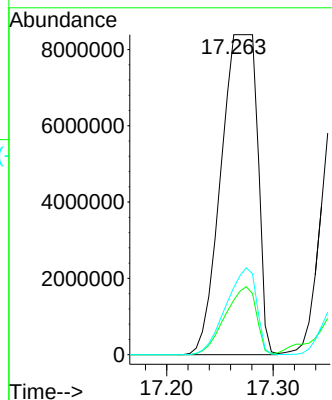
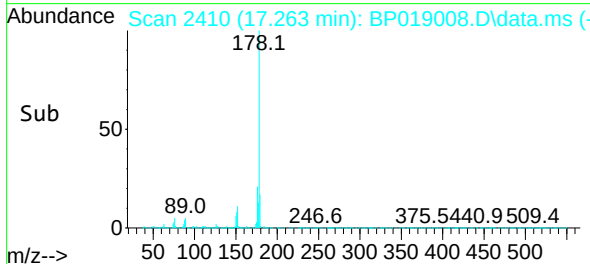
Instrument :
BNA_P
ClientSampleId :
DCLF8ME



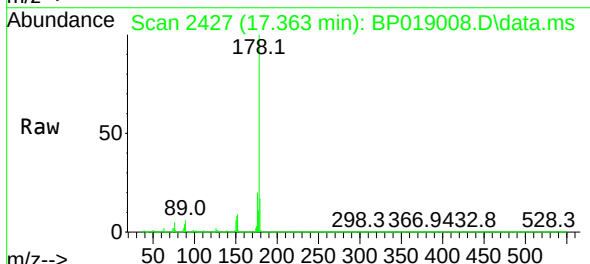
Tgt Ion:178 Resp:1997348
Ion Ratio Lower Upper
178 100
179 17.1 12.3 18.5
176 21.0 15.4 23.2

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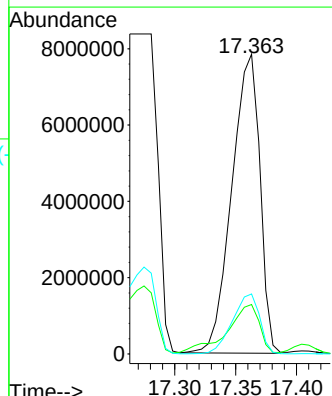
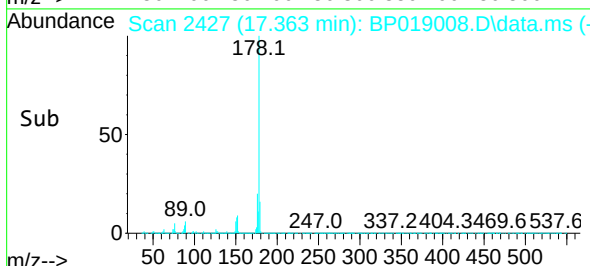
Reviewed By :Yogesh Patel 12/22/2023
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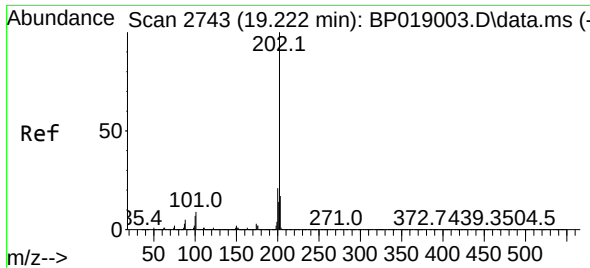


#74
Anthracene
Concen: 226.149 ng/ul
RT: 17.363 min Scan# 2427
Delta R.T. 0.024 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13



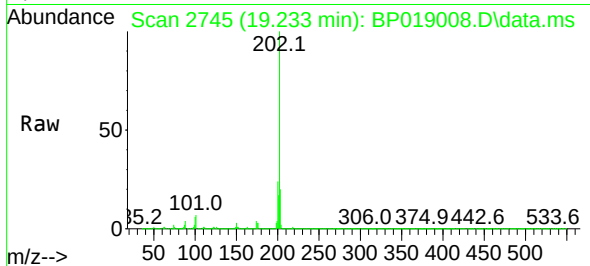
Tgt Ion:178 Resp:12564231
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 20.0 15.0 22.6





#80
Fluoranthene
Concen: 162.447 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

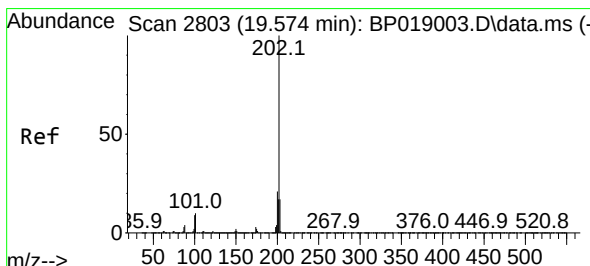
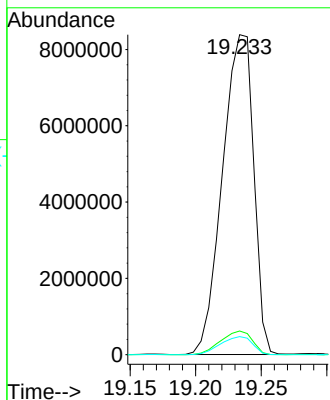
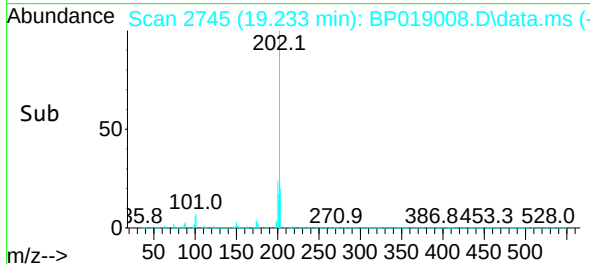
Instrument :
BNA_P
ClientSampleId :
DCLF8ME



Tgt Ion:202 Resp:1391583
Ion Ratio Lower Upper
202 100
101 7.4 9.1 13.7#
100 5.7 7.1 10.7#

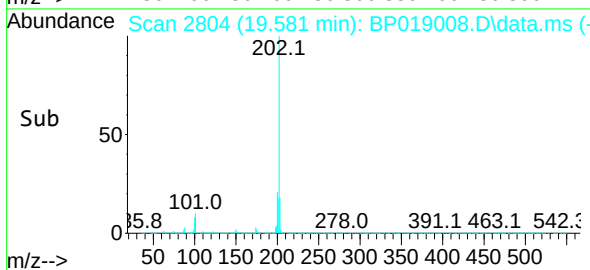
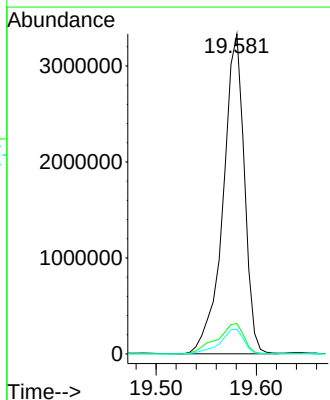
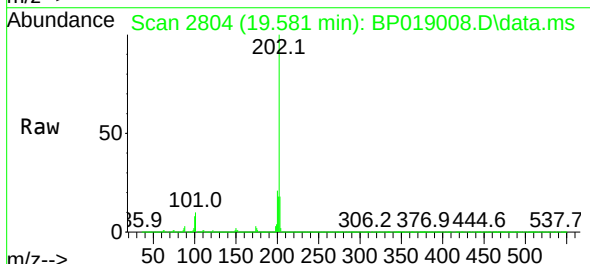
Manual Integrations
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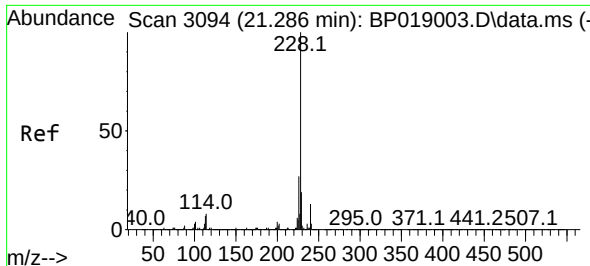
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023



#82
Pyrene
Concen: 56.555 ng/u1
RT: 19.581 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

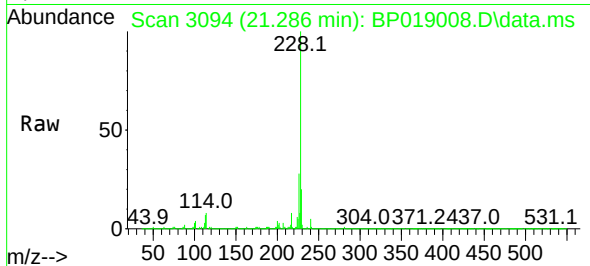
Tgt Ion:202 Resp: 4887437
Ion Ratio Lower Upper
202 100
101 9.5 11.0 16.4#
100 7.7 9.1 13.7#





#85
Benzo(a)anthracene
Concen: 37.280 ng/u1
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

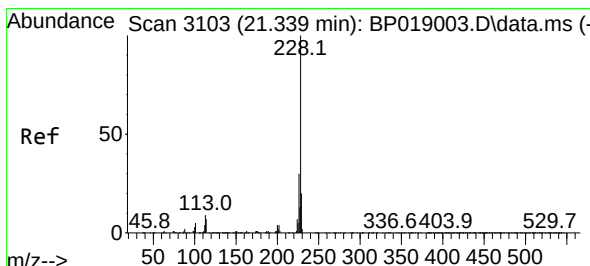
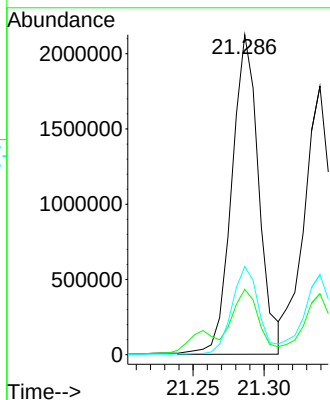
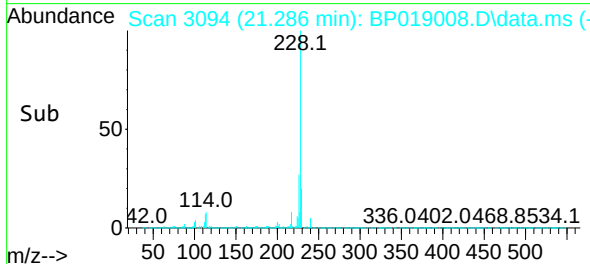
Instrument :
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Client Sample Id :
DCLF8ME



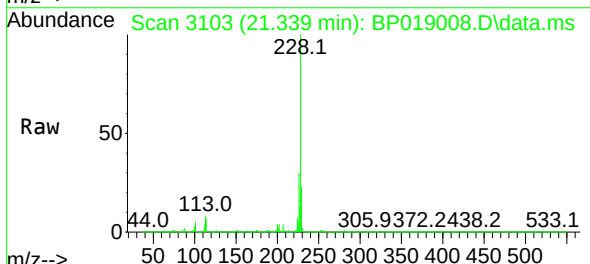
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Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.6 21.9 32.9

Manual Integrations
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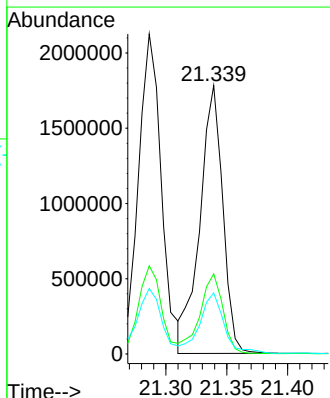
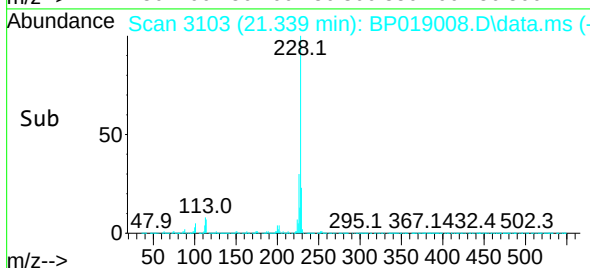
Reviewed By :Yogesh Patel 12/22/2023
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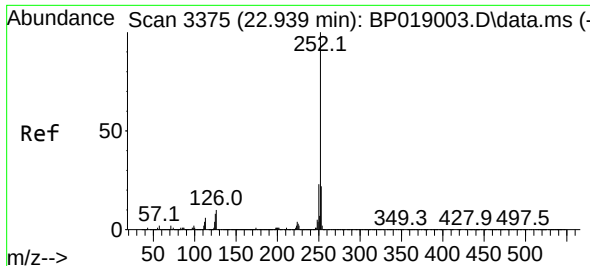


#87
Chrysene
Concen: 33.522 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13



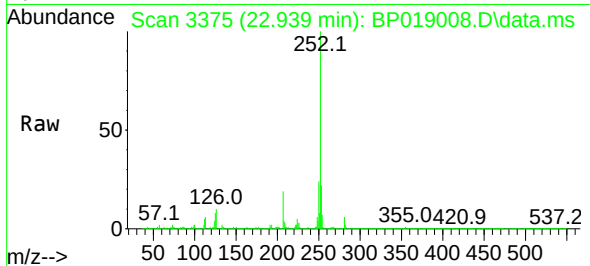
Tgt Ion:228 Resp: 2332794
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 22.7 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 18.375 ng/u1
RT: 22.939 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13

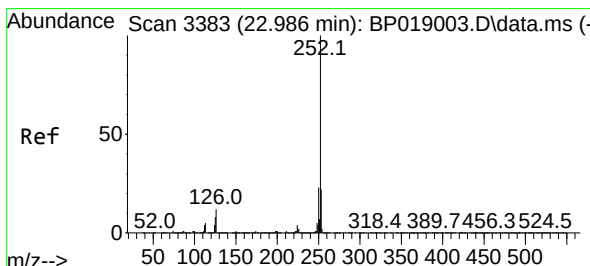
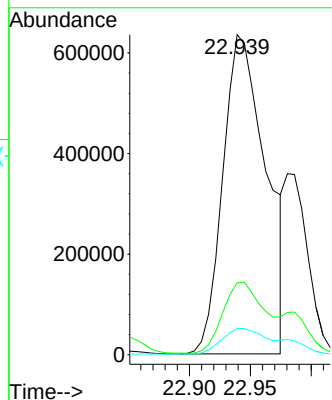
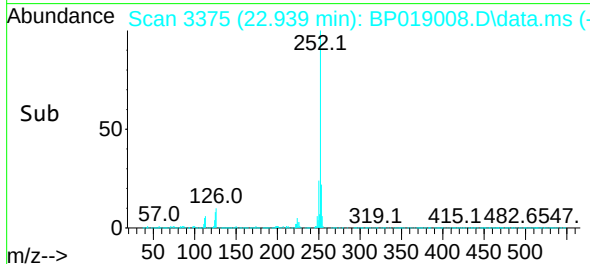
Instrument :
BNA_P
ClientSampleId :
DCLF8ME



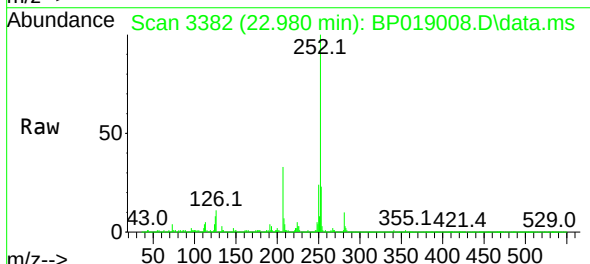
Tgt Ion:252 Resp: 155951
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 8.2 7.8 11.6

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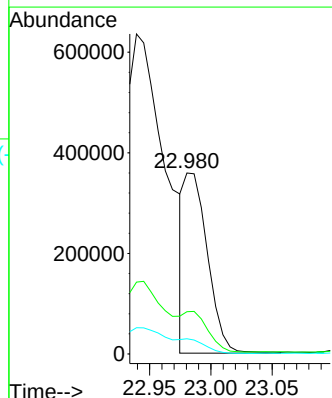
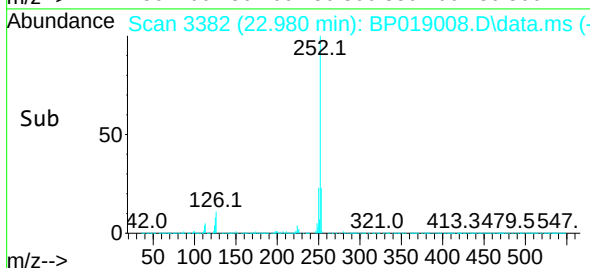
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023

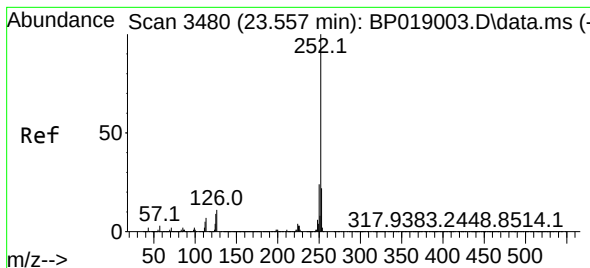


#91
Benzo(k)fluoranthene
Concen: 5.802 ng/u1 m
RT: 22.980 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BP019008.D
Acq: 21 Dec 2023 20:13



Tgt Ion:252 Resp: 476443
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 8.4 8.0 12.0





#93

Benzo(a)pyrene

Concen: 2.272 ng/ul

RT: 23.551 min Scan# 3480

Delta R.T. -0.006 min

Lab File: BP019008.D

Acq: 21 Dec 2023 20:13

Instrument :

BNA_P

ClientSampleId :

DCLF8ME

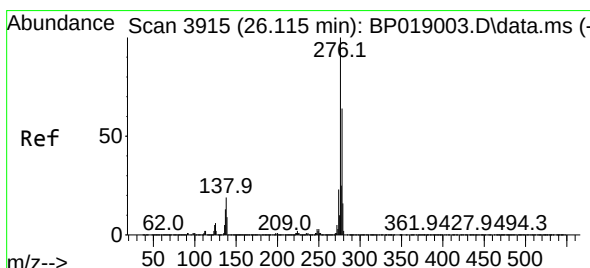
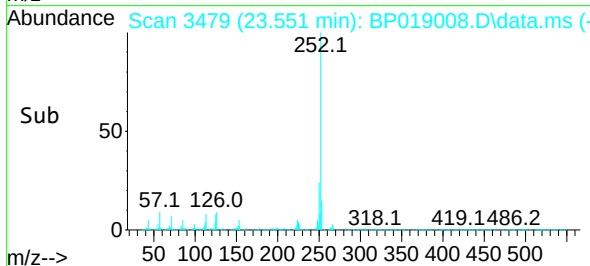
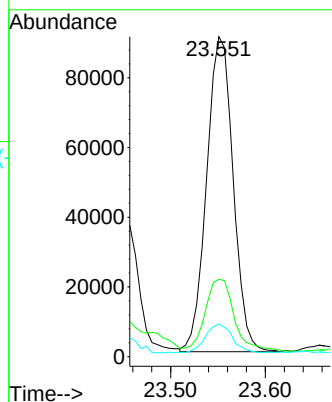
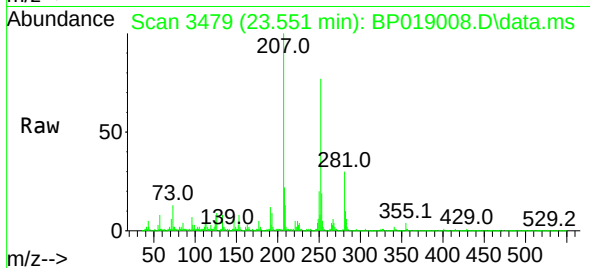
Tgt Ion:252 Resp: 17621
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.8 26.8
 125 10.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/25/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.195 ng/ul

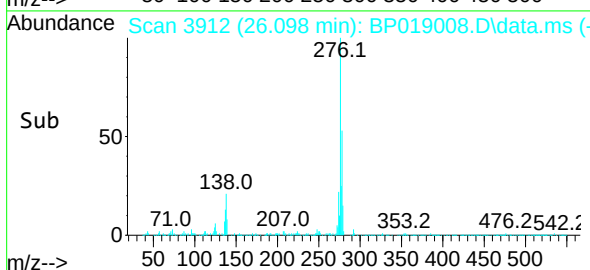
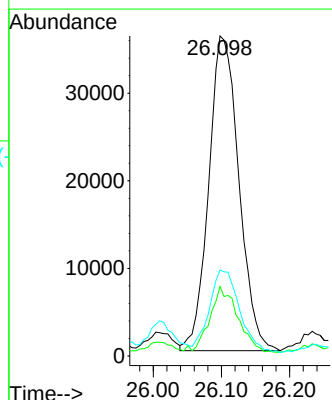
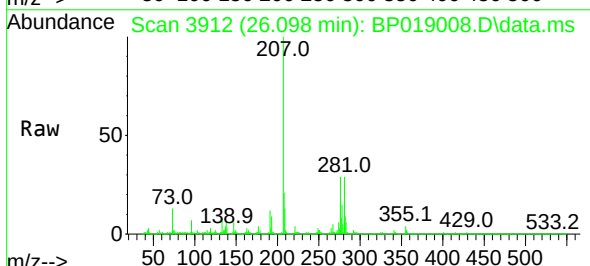
RT: 26.098 min Scan# 3912

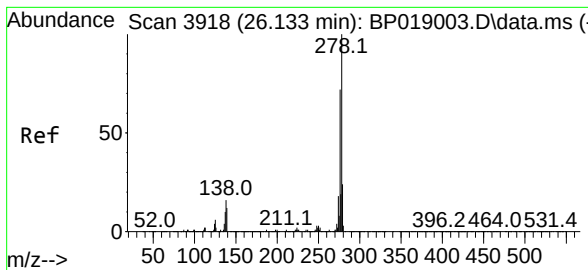
Delta R.T. -0.017 min

Lab File: BP019008.D

Acq: 21 Dec 2023 20:13

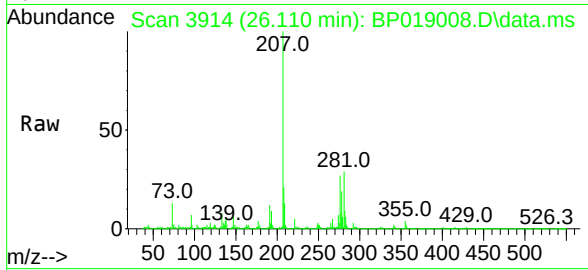
Tgt Ion:276 Resp: 110707
 Ion Ratio Lower Upper
 276 100
 138 21.7 19.4 29.2
 277 26.8 19.8 29.6





#95
 Dibenzo(a,h)anthracene
 Concen: 1.086 ng/ul
 RT: 26.110 min Scan# 3914
 Delta R.T. -0.023 min
 Lab File: BP019008.D
 Acq: 21 Dec 2023 20:13

Instrument :
 BNA_P
 ClientSampleId :
 DCLF8ME



Tgt Ion:278 Resp: 8368
 Ion Ratio Lower Upper
 278 100
 139 12.3 13.0 19.6
 279 28.6 18.7 28.1

Manual Integrations
 APPROVED

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

