

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012266.D
 Acq On : 22 Oct 2022 03:32
 Operator : CG/JU
 Sample : N5064-09
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BP5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 05:06:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	413790	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1663168	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	898089	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1576431	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1381276	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1727646	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	46255	4.524	ng/uL	0.00
4) Pyridine-d5	3.681	84	215976	7.331	ng/u1	0.00
7) Phenol-d5	6.987	99	912249	25.537	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	560352	25.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	746829	27.465	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	610743	21.998	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	366208	29.747	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	402473	30.301	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	689846	27.688	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	671812	18.979	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1859089	29.759	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2162521	30.326	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	210897	18.019	ng/u1	0.00
60) Fluorene-d10	15.469	176	1553883	28.912	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	75932	8.467	ng/u1	0.00
73) Anthracene-d10	17.328	188	2100880	30.404	ng/u1	0.00
81) Pyrene-d10	19.569	212	2233285	28.398	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	2615522	30.189	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.016	94	57813	1.547	ng/u1#	90
30) Naphthalene	10.675	128	180144	2.025	ng/u1	100
36) 2-Methylnaphthalene	12.287	142	115300	1.905	ng/u1	100
37) 1-Methylnaphthalene	12.504	142	102535	1.697	ng/u1	95
50) Acenaphthylene	14.192	152	790066	9.944	ng/u1	99
52) Acenaphthene	14.534	153	84794	1.509	ng/u1	98
56) Dibenzofuran	14.869	168	144695	1.881	ng/u1	95
61) Fluorene	15.522	166	198931	3.264	ng/u1	99
72) Phenanthrene	17.275	178	5607413	66.182	ng/u1	100
74) Anthracene	17.363	178	1295916	15.459	ng/u1	100
77) Carbazole	17.639	167	362441	4.899	ng/u1	99
80) Fluoranthene	19.251	202	11993549m	123.418	ng/u1	
82) Pyrene	19.604	202	10542498m	106.036	ng/u1	
85) Benzo(a)anthracene	21.310	228	6645966	73.825	ng/u1	97
87) Chrysene	21.363	228	6420828	76.432	ng/u1	97
90) Benzo(b)fluoranthene	23.004	252	8998772	78.157	ng/u1	98
91) Benzo(k)fluoranthene	23.045	252	3118361	27.476	ng/u1	97
93) Benzo(a)pyrene	23.633	252	6616157m	67.198	ng/u1	
94) Indeno(1,2,3-cd)pyrene	26.239	276	4946934	43.403	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.245	278	1274225	12.401	ng/u1	95
96) Benzo(g,h,i)perylene	27.009	276	4134459	38.634	ng/u1	97

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

Instrument :

BNA_P

ClientSampleId :

C0BP5

Manual Integrations**APPROVED**

Reviewed By :Jagrut Upadhyay 10/24/2022

Supervised By :mohammad ahmed 10/24/2022

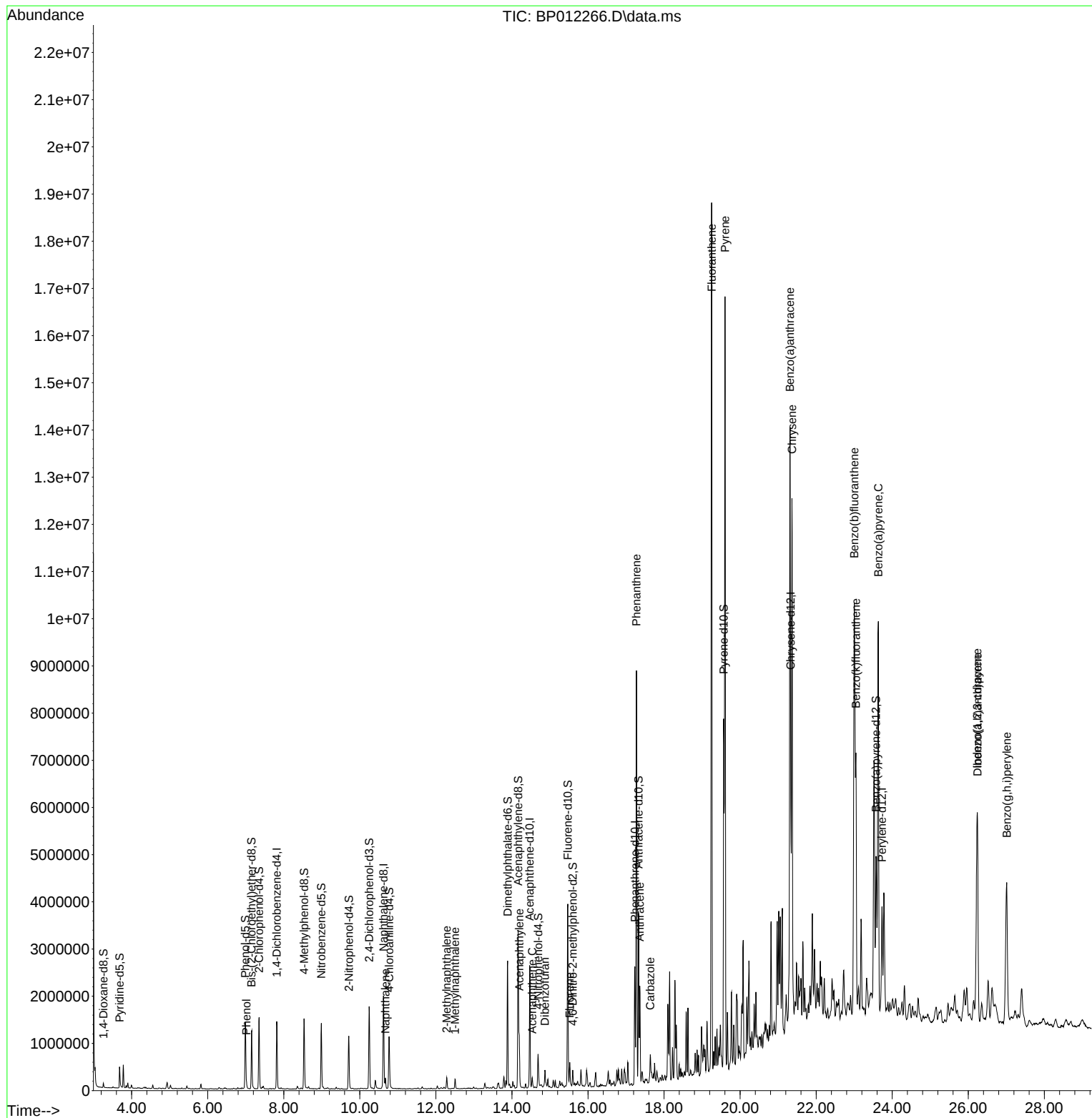
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012266.D
 Acq On : 22 Oct 2022 03:32
 Operator : CG/JU
 Sample : N5064-09
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

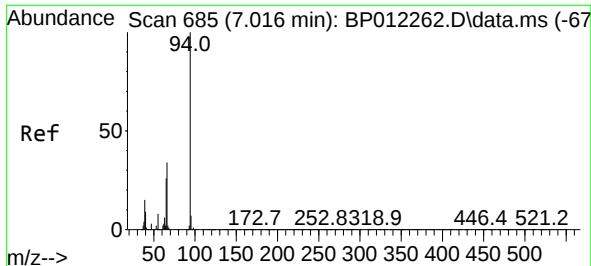
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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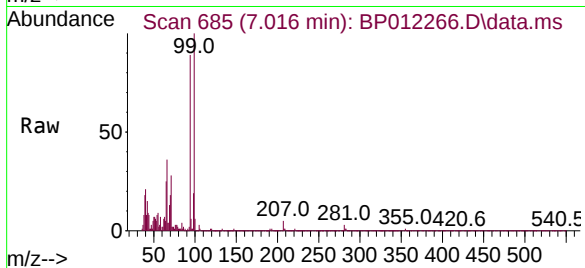
Quant Time: Oct 22 05:06:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration





#8
Phenol
Concen: 1.547 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

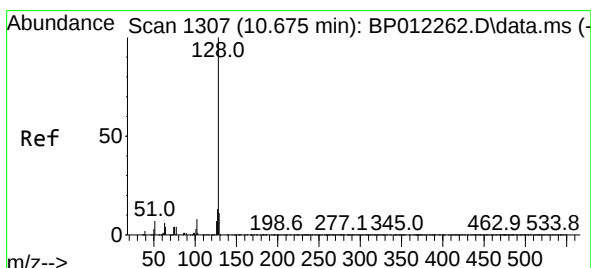
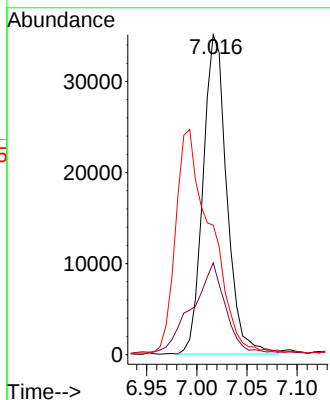
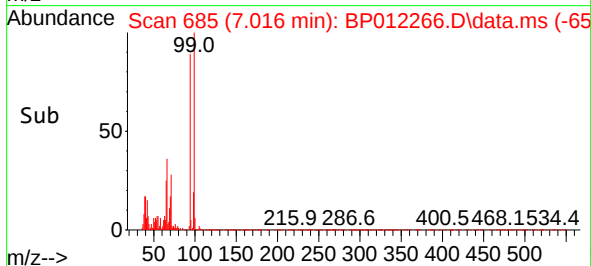
Instrument :
BNA_P
ClientSampleId :
C0BP5



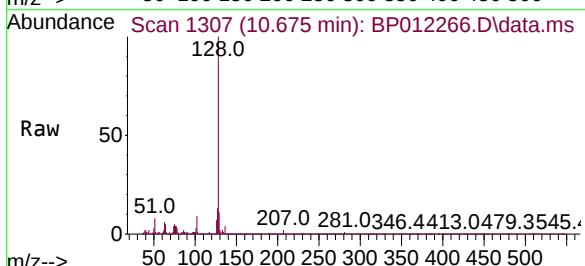
Tgt Ion: 94 Resp: 57813
Ion Ratio Lower Upper
94 100
65 28.7 20.6 31.0
66 40.4 26.2 39.4

Manual Integrations
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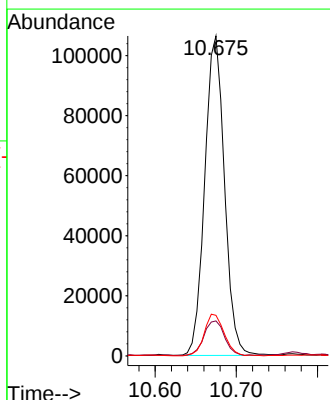
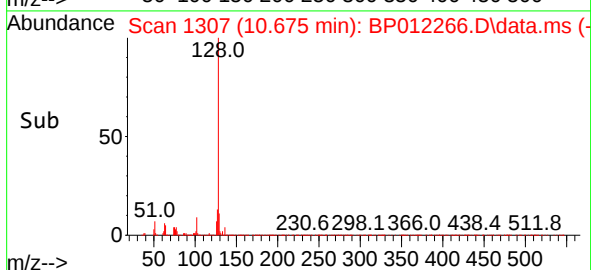
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

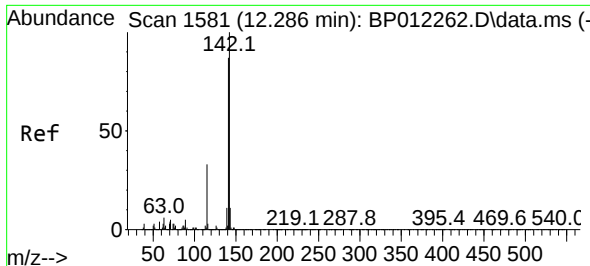


#30
Naphthalene
Concen: 2.025 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32



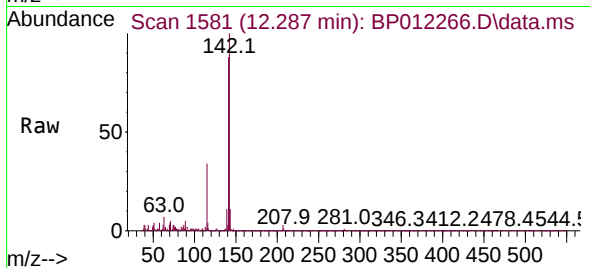
Tgt Ion:128 Resp: 180144
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.2 15.4





#36
2-Methylnaphthalene
Concen: 1.905 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

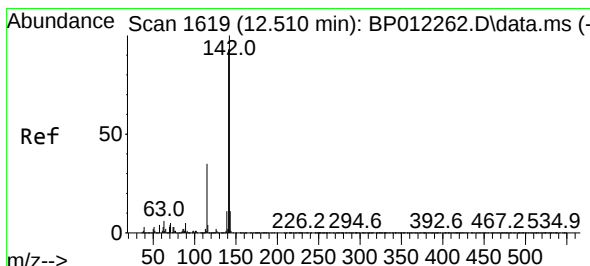
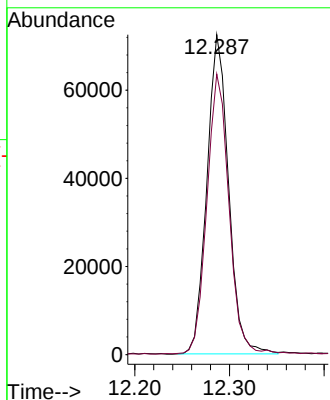
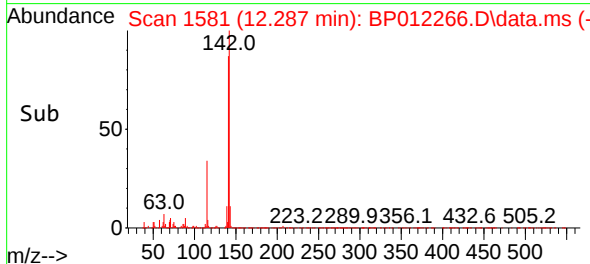
Instrument :
BNA_P
ClientSampleId :
C0BP5



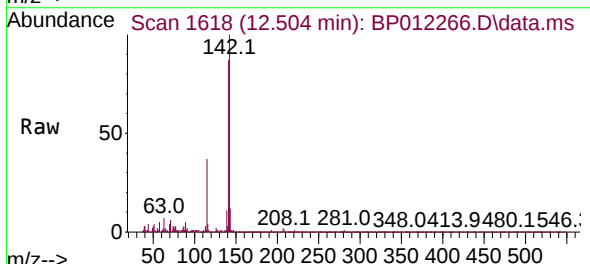
Tgt Ion:142 Resp: 115300
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5

Manual Integrations
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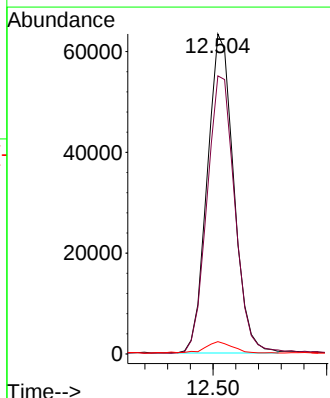
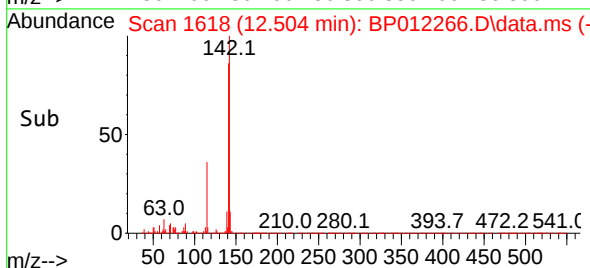
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

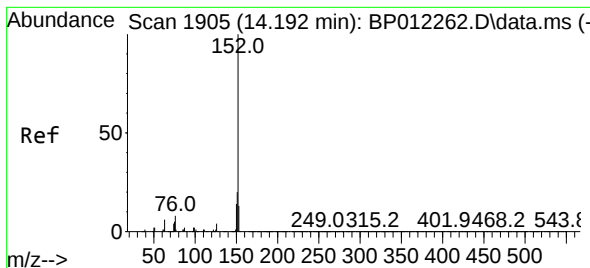


#37
1-Methylnaphthalene
Concen: 1.697 ng/ul
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32



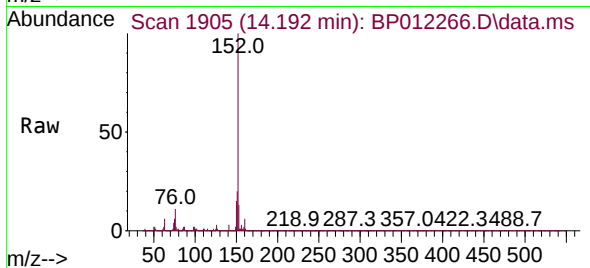
Tgt Ion:142 Resp: 102535
Ion Ratio Lower Upper
142 100
141 86.9 73.4 110.0
116 3.8 3.0 4.4





#50
Acenaphthylene
Concen: 9.944 ng/ul
RT: 14.192 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

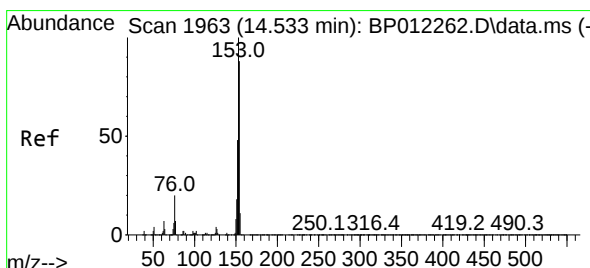
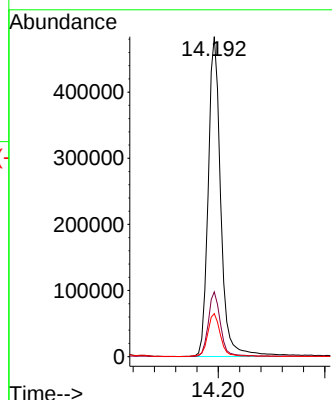
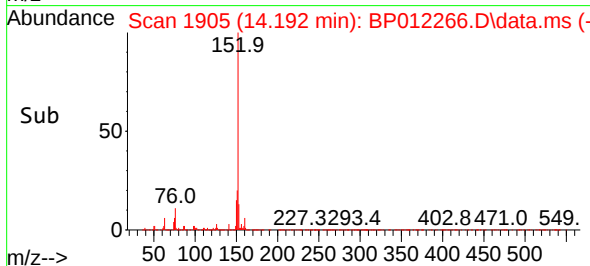
Instrument :
BNA_P
ClientSampleId :
C0BP5



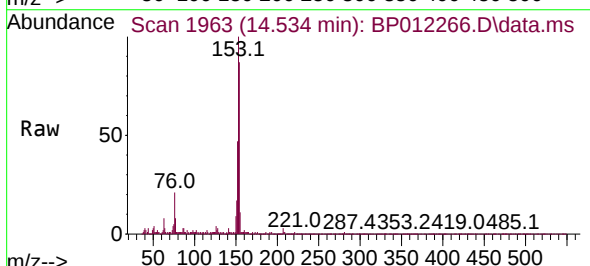
Tgt Ion:152 Resp: 790066
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.5 10.6 16.0

Manual Integrations
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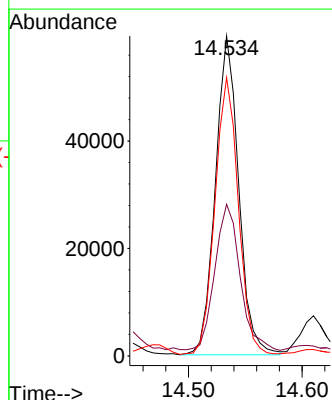
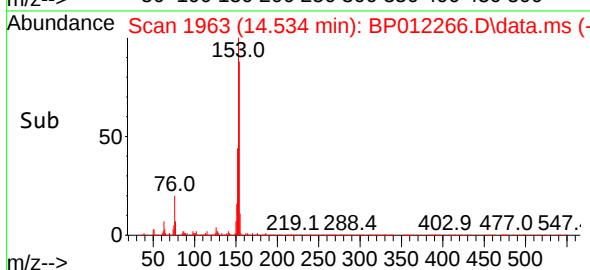
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

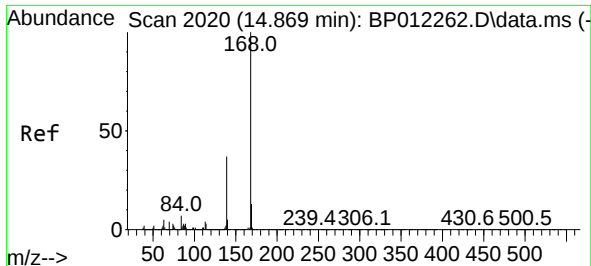


#52
Acenaphthene
Concen: 1.509 ng/ul
RT: 14.534 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32



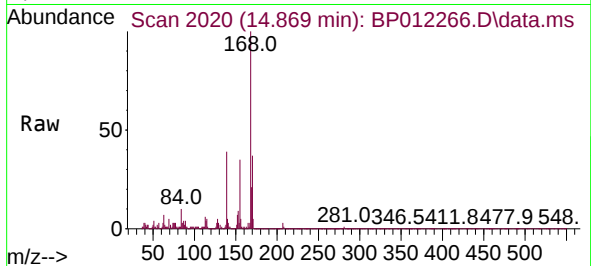
Tgt Ion:153 Resp: 84794
Ion Ratio Lower Upper
153 100
152 47.4 38.1 57.1
154 87.0 71.4 107.2





#56
Dibenzenofuran
Concen: 1.881 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

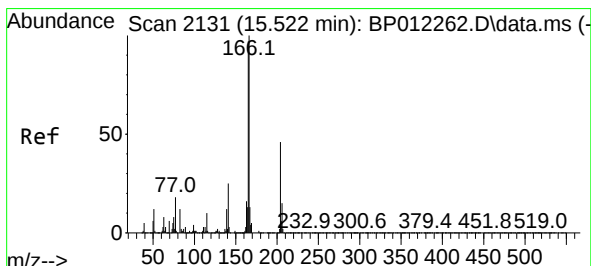
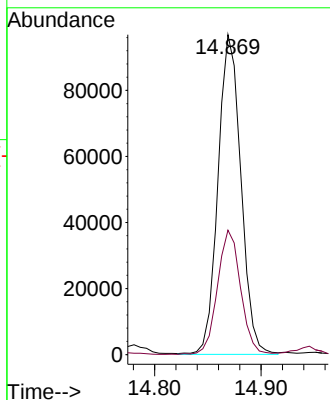
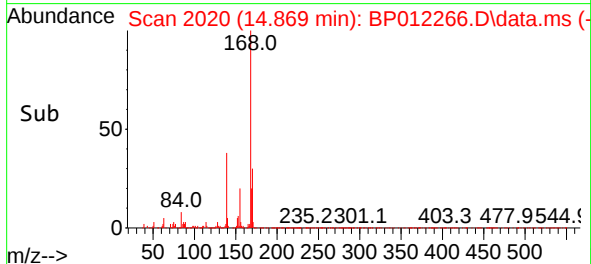
Instrument :
BNA_P
ClientSampleId :
C0BP5



Tgt Ion:168 Resp: 144695
Ion Ratio Lower Upper
168 100
139 38.9 29.0 43.4

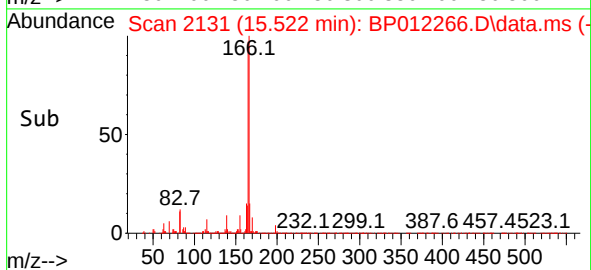
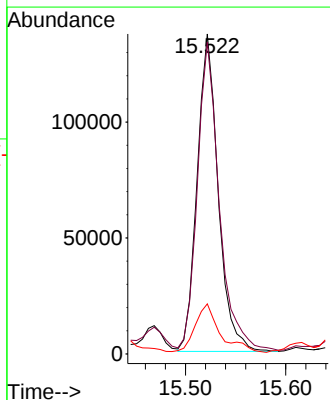
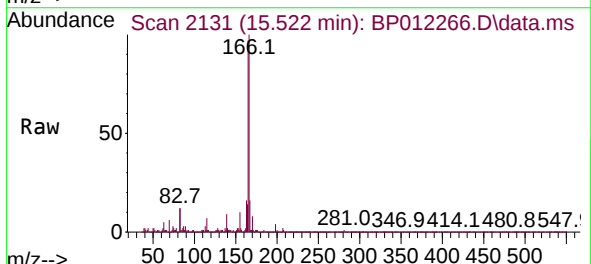
Manual Integrations
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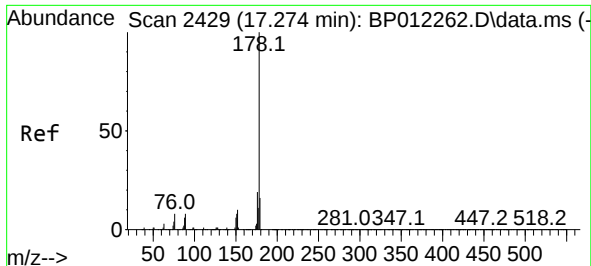
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#61
Fluorene
Concen: 3.264 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

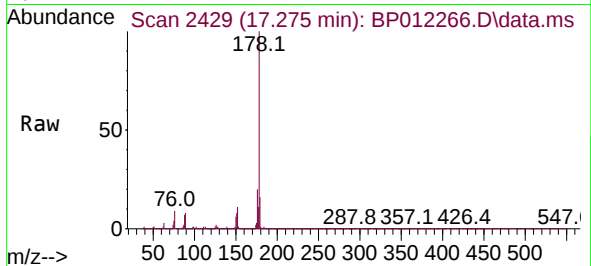
Tgt Ion:166 Resp: 198931
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 15.6 10.7 16.1





#72
Phenanthrene
Concen: 66.182 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

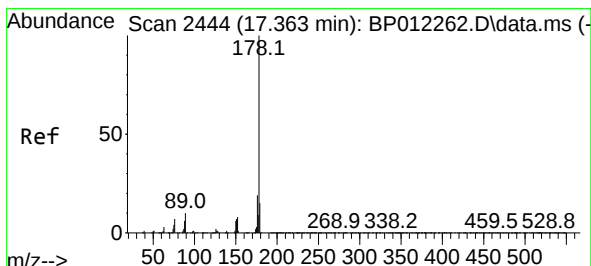
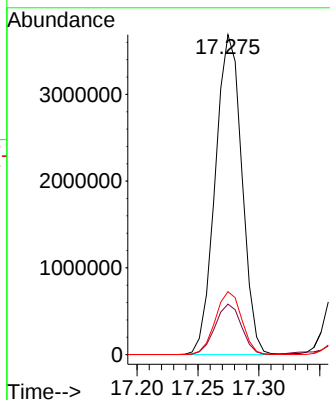
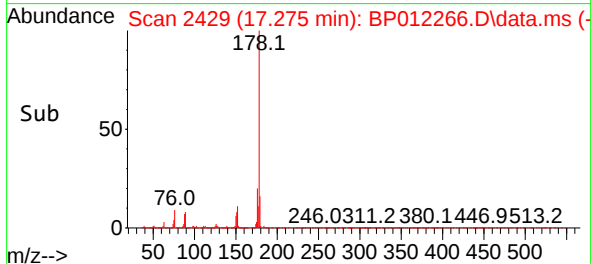
Instrument :
BNA_P
ClientSampleId :
C0BP5



Tgt Ion:178 Resp: 5607413
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.7 15.6 23.4

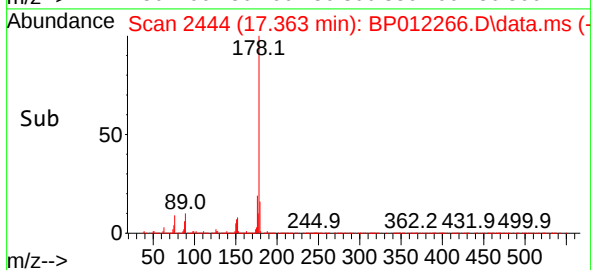
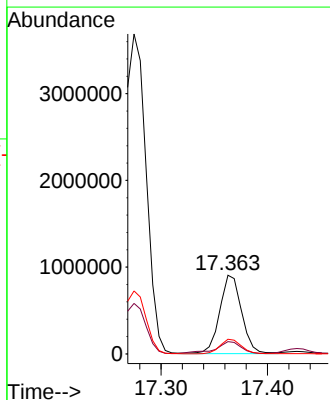
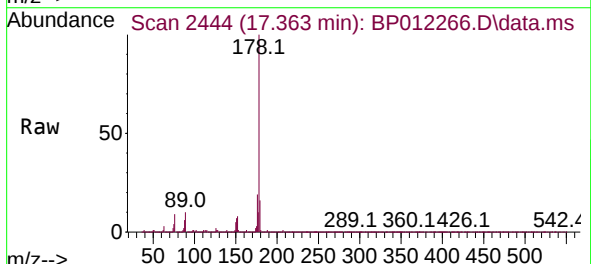
Manual Integrations
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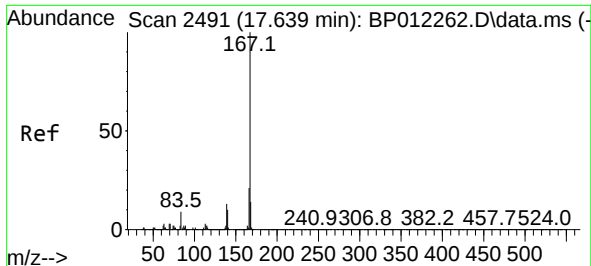
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#74
Anthracene
Concen: 15.459 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

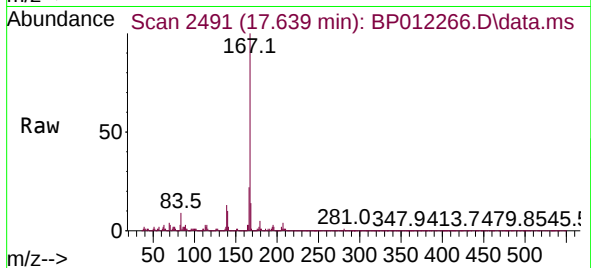
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Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.7 15.0 22.4





#77
 Carbazole
 Concen: 4.899 ng/ul
 RT: 17.639 min Scan# 2491
 Delta R.T. -0.000 min
 Lab File: BP012266.D
 Acq: 22 Oct 2022 03:32

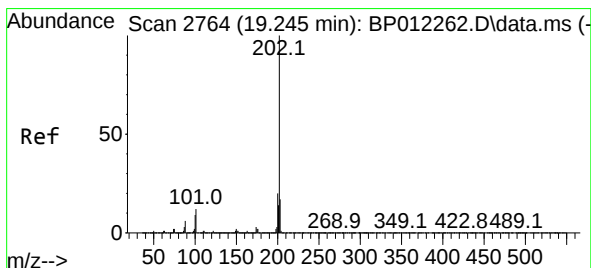
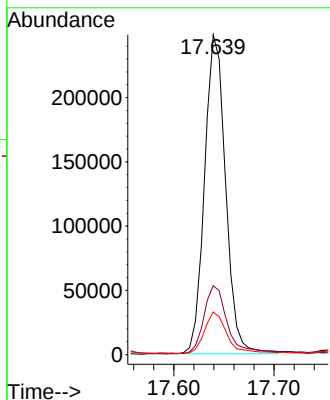
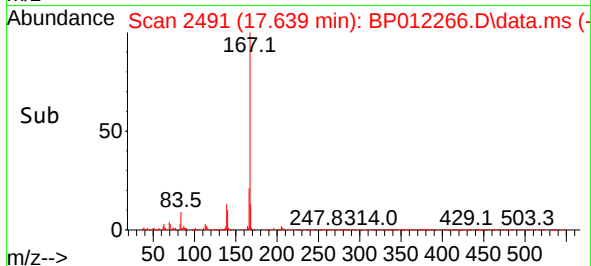
Instrument :
 BNA_P
 ClientSampleId :
 C0BP5



Tgt Ion:167 Resp: 362441
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.3 10.2 15.4

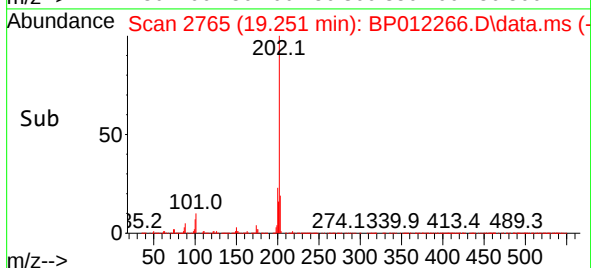
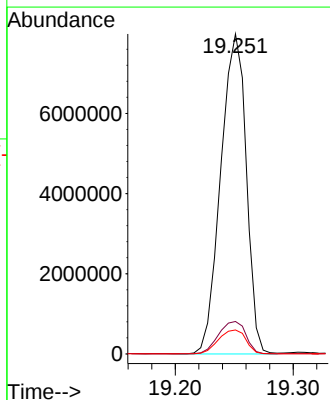
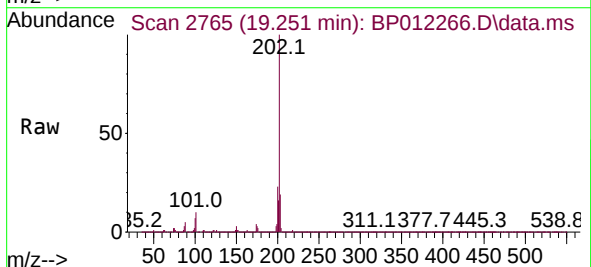
Manual Integrations
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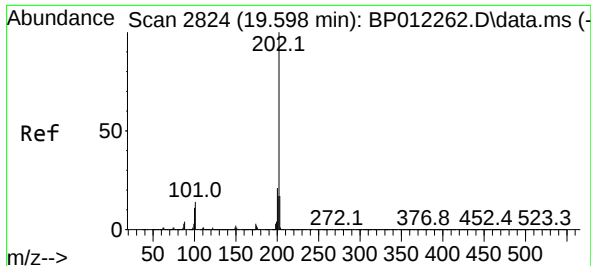
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#80
 Fluoranthene
 Concen: 123.418 ng/ul m
 RT: 19.251 min Scan# 2765
 Delta R.T. 0.006 min
 Lab File: BP012266.D
 Acq: 22 Oct 2022 03:32

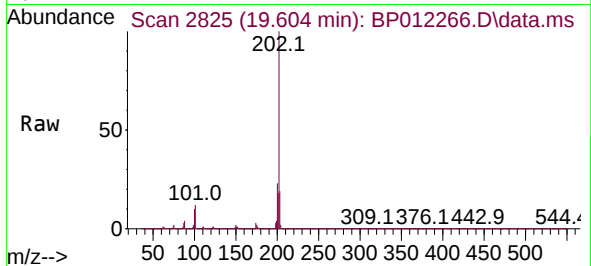
Tgt Ion:202 Resp:11993549
 Ion Ratio Lower Upper
 202 100
 101 10.1 10.4 15.6#
 100 7.5 7.7 11.5#





#82
 Pyrene
 Concen: 106.036 ng/ul m
 RT: 19.604 min Scan# 2825
 Delta R.T. 0.006 min
 Lab File: BP012266.D
 Acq: 22 Oct 2022 03:32

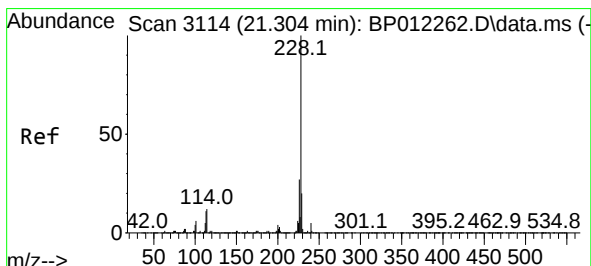
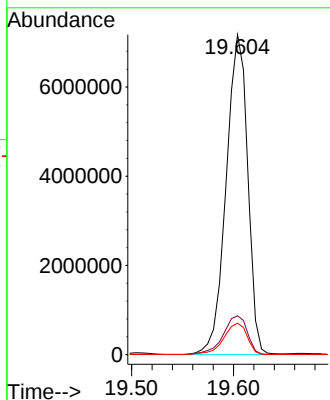
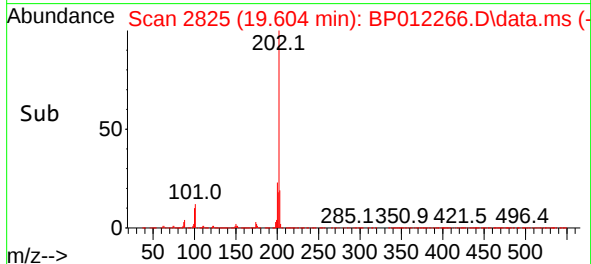
Instrument :
 BNA_P
 ClientSampleId :
 C0BP5



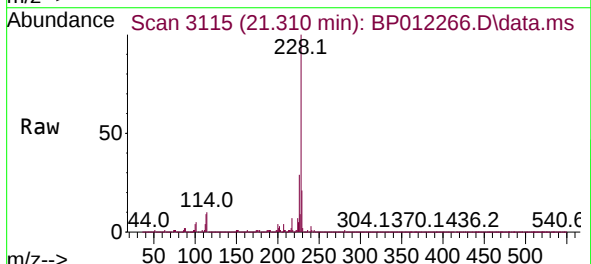
Tgt Ion:202 Resp:10542498
 Ion Ratio Lower Upper
 202 100
 101 12.1 12.3 18.5
 100 9.8 10.0 15.0

Manual Integrations
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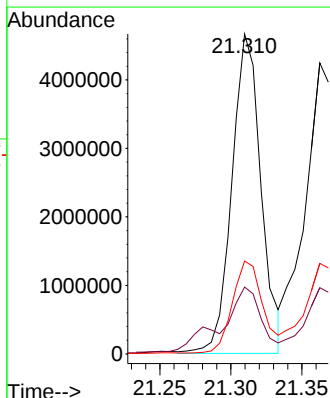
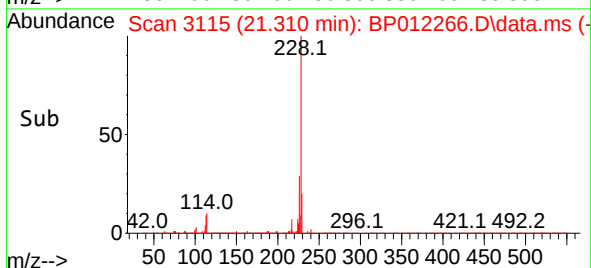
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

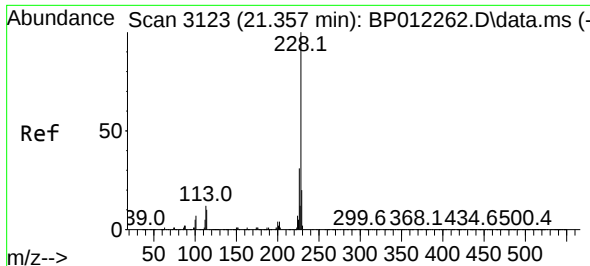


#85
 Benzo(a)anthracene
 Concen: 73.825 ng/ul
 RT: 21.310 min Scan# 3115
 Delta R.T. 0.006 min
 Lab File: BP012266.D
 Acq: 22 Oct 2022 03:32



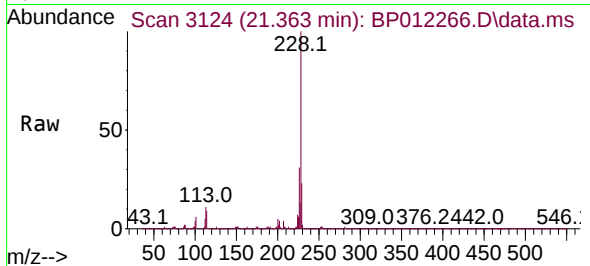
Tgt Ion:228 Resp: 6645966
 Ion Ratio Lower Upper
 228 100
 229 20.9 16.1 24.1
 226 29.0 21.9 32.9





#87
Chrysene
Concen: 76.432 ng/ul
RT: 21.363 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

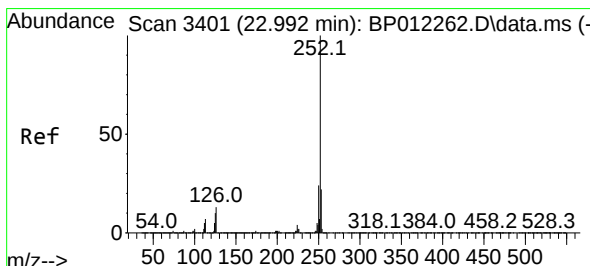
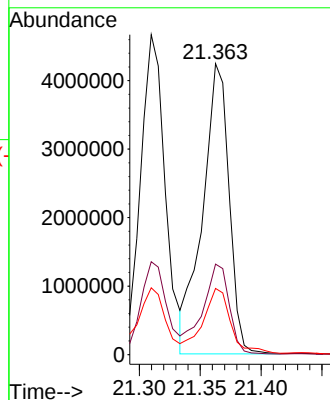
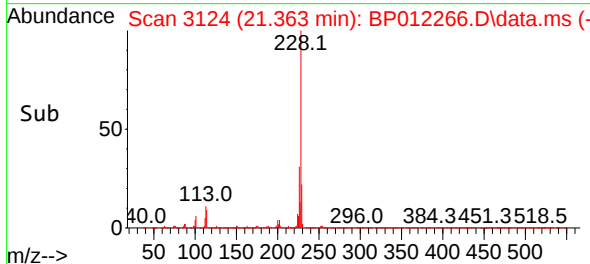
Instrument :
BNA_P
ClientSampleId :
C0BP5



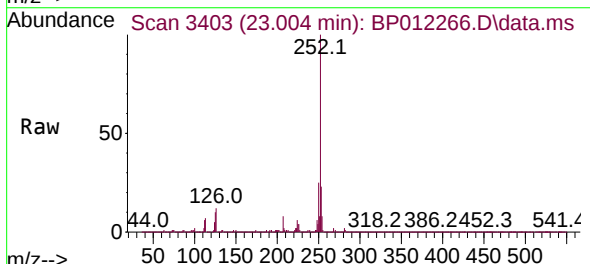
Tgt Ion:228 Resp: 6420828
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 22.7 15.8 23.8

Manual Integrations
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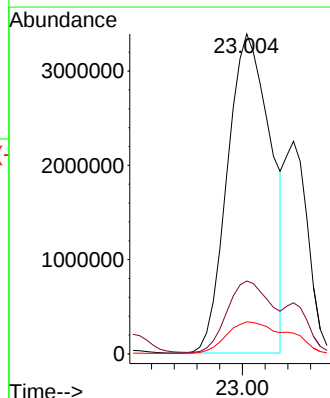
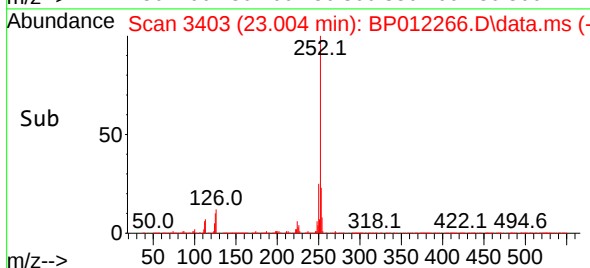
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

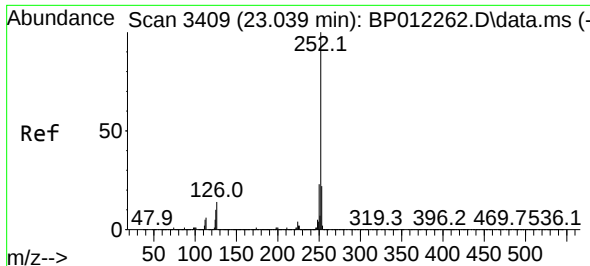


#90
Benzo(b)fluoranthene
Concen: 78.157 ng/ul
RT: 23.004 min Scan# 3403
Delta R.T. 0.012 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32



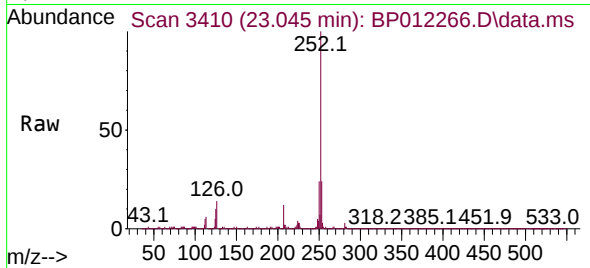
Tgt Ion:252 Resp: 8998772
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.0 8.5 12.7





#91
Benzo(k)fluoranthene
Concen: 27.476 ng/ul
RT: 23.045 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

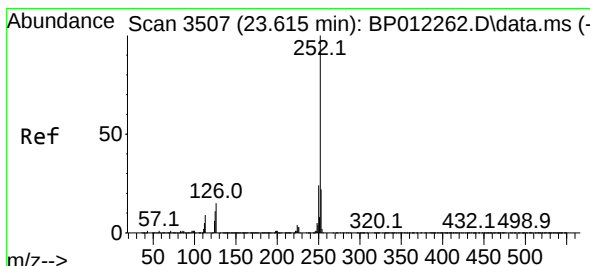
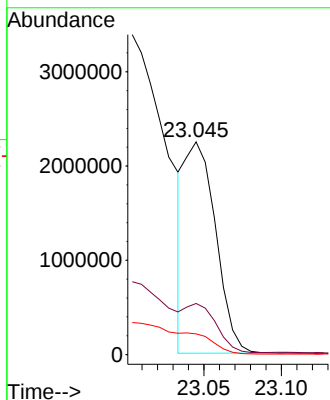
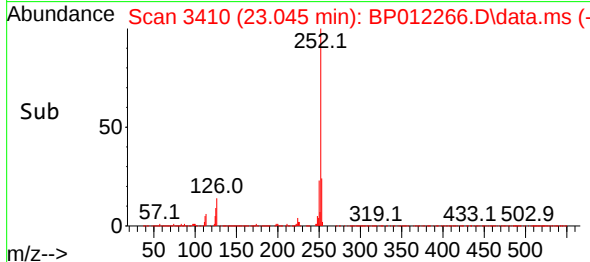
Instrument :
BNA_P
ClientSampleId :
C0BP5



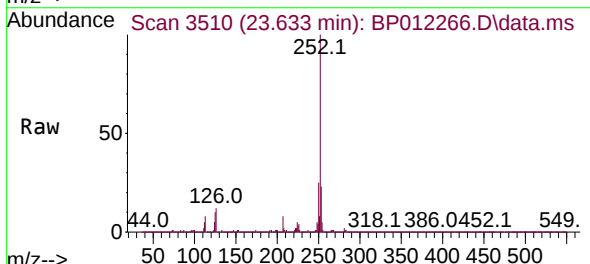
Tgt Ion:252 Resp: 311836
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 9.7 8.6 13.0

Manual Integrations
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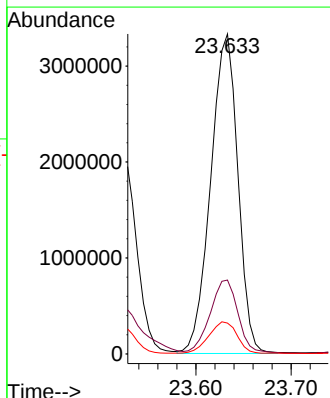
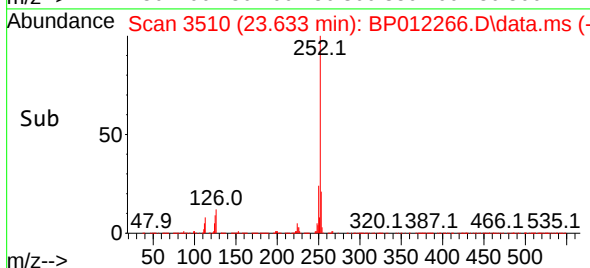
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

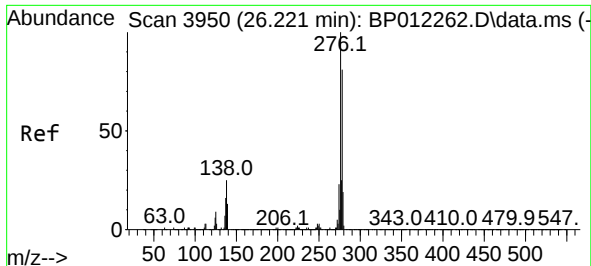


#93
Benzo(a)pyrene
Concen: 67.198 ng/ul m
RT: 23.633 min Scan# 3510
Delta R.T. 0.017 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32



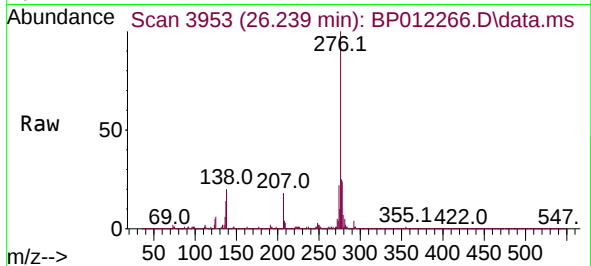
Tgt Ion:252 Resp: 6616157
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 9.6 9.7 14.5#





#94
Indeno(1,2,3-cd)pyrene
Concen: 43.403 ng/ul
RT: 26.239 min Scan# 3953
Delta R.T. 0.017 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32

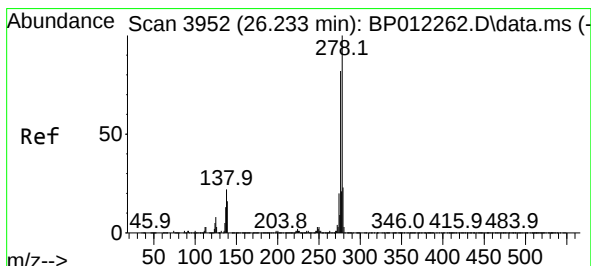
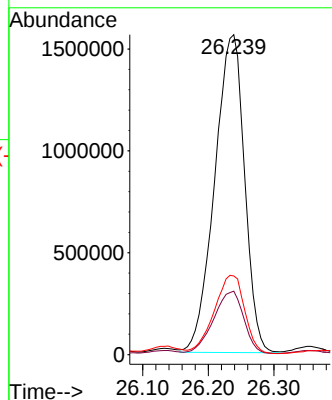
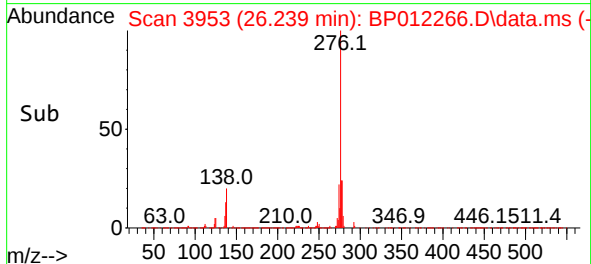
Instrument :
BNA_P
ClientSampleId :
C0BP5



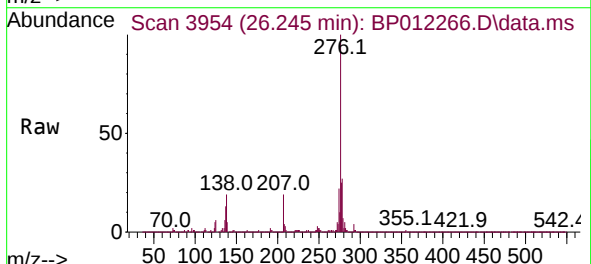
Tgt Ion: 276 Resp: 4946934
Ion Ratio Lower Upper
276 100
138 19.8 20.3 30.5
277 24.6 20.2 30.4

Manual Integrations
APPROVED

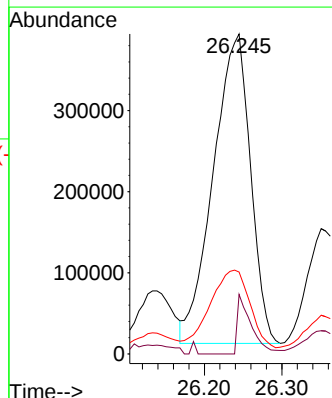
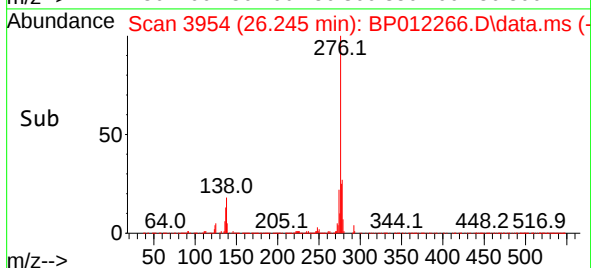
Reviewed By : Jagrut Upadhyay 10/24/2022
Supervised By : mohammad ahmed 10/24/2022

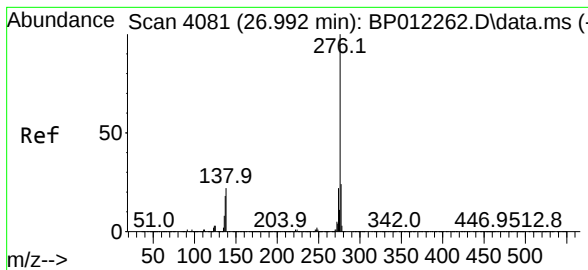


#95
Dibenzo(a,h)anthracene
Concen: 12.401 ng/ul
RT: 26.245 min Scan# 3954
Delta R.T. 0.012 min
Lab File: BP012266.D
Acq: 22 Oct 2022 03:32



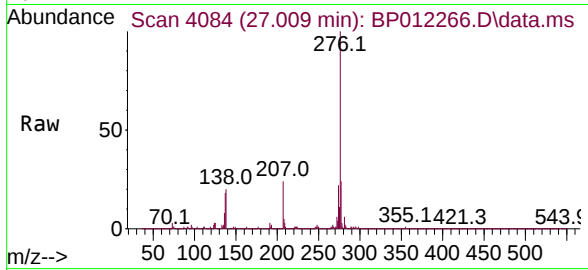
Tgt Ion: 278 Resp: 1274225
Ion Ratio Lower Upper
278 100
139 18.6 12.9 19.3
279 25.6 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 38.634 ng/ul
 RT: 27.009 min Scan# 4084
 Delta R.T. 0.017 min
 Lab File: BP012266.D
 Acq: 22 Oct 2022 03:32

Instrument :
 BNA_P
 ClientSampleId :
 C0BP5



Tgt Ion: 276 Resp: 413445

Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.9	26.9
277	24.1	18.9	28.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

