

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
 Data File : BP012356.D
 Acq On : 27 Oct 2022 22:57
 Operator : CG/JU
 Sample : N5144-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BK1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
 Supervised By :mohammad ahmed 10/31/2022

Quant Time: Oct 28 00:14:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

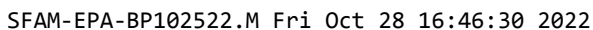
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

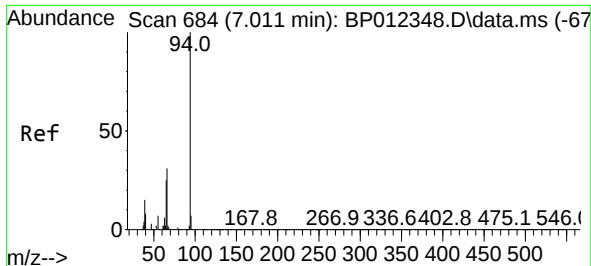
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	344657	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.610	136	1570938	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	1028362	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	2248202	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2186802	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	1948385	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	33102	3.867	ng/uL	0.00
4) Pyridine-d5	3.693	84	28313m	1.151	ng/u1	0.02
7) Phenol-d5	6.975	99	765406	24.760	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.140	67	456993	24.764	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.334	132	595466	26.378	ng/u1	-0.01
15) 4-Methylphenol-d8	8.522	113	553863	22.653	ng/u1	-0.01
21) Nitrobenzene-d5	8.975	128	301176	29.564	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	337081	31.879	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.234	165	633151	27.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	522098	15.302	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1989695	28.264	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	2285223	28.406	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	340138	25.529	ng/u1	0.00
60) Fluorene-d10	15.451	176	1782504	29.574	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.587	200	233664	19.963	ng/u1	0.00
73) Anthracene-d10	17.316	188	2778180	28.679	ng/u1	0.00
81) Pyrene-d10	19.557	212	3326429	30.298	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	2825571	29.680	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.005	94	33842	1.053	ng/u1#	83
50) Acenaphthylene	14.181	152	117550	1.303	ng/u1	99
72) Phenanthrene	17.263	178	1478124	12.445	ng/u1	99
74) Anthracene	17.351	178	220035	1.865	ng/u1	99
77) Carbazole	17.628	167	150933	1.436	ng/u1	99
80) Fluoranthene	19.233	202	2386422	17.605	ng/u1	99
82) Pyrene	19.586	202	2347258	16.718	ng/u1	99
85) Benzo(a)anthracene	21.298	228	1043758	7.481	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	276983	3.460	ng/u1	99
87) Chrysene	21.345	228	1156072	8.864	ng/u1	97
90) Benzo(b)fluoranthene	22.974	252	1213011	9.832	ng/u1	98
91) Benzo(k)fluoranthene	23.021	252	380406m	3.235	ng/u1	
93) Benzo(a)pyrene	23.604	252	835447	7.754	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.186	276	606798	4.520	ng/u1	96
95) Dibenzo(a,h)anthracene	26.198	278	162711	1.354	ng/u1#	78
96) Benzo(g,h,i)perylene	26.957	276	569114	4.795	ng/u1	99

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

Manual Integrations

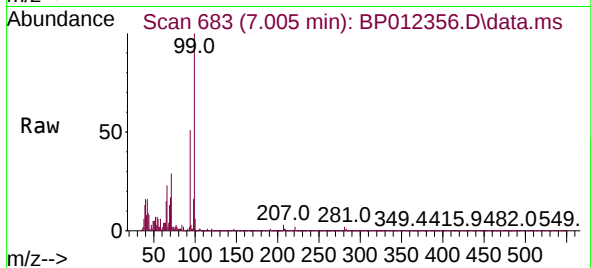
Quant Time: Oct 28 00:14:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 23:40:20 2022
Response via : Initial Calibration





#8
Phenol
Concen: 1.053 ng/ul
RT: 7.005 min Scan# 684
Delta R.T. -0.005 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

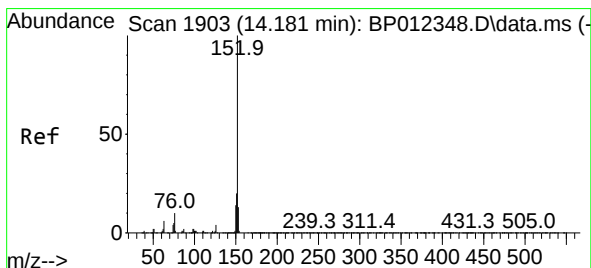
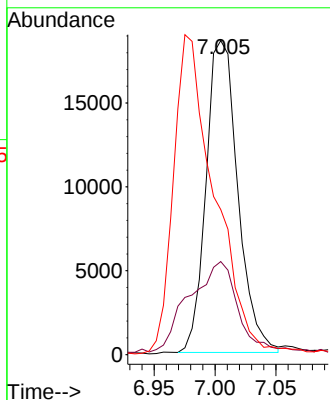
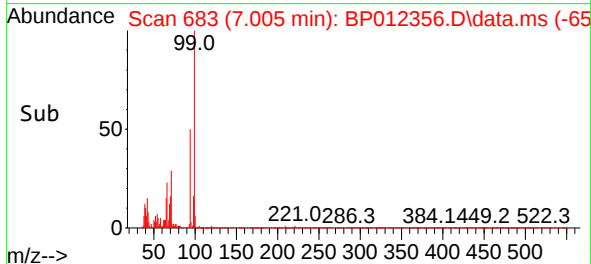
Instrument :
BNA_P
ClientSampleId :
C0BK1



Tgt Ion: 94 Resp: 33842
Ion Ratio Lower Upper
94 100
65 29.7 20.8 31.2
66 46.2 26.2 39.2

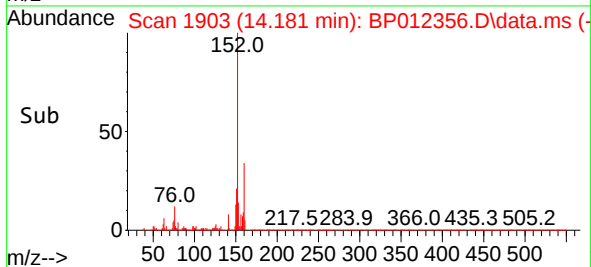
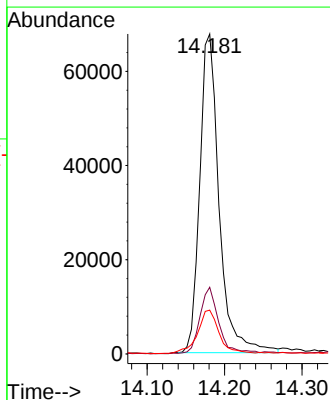
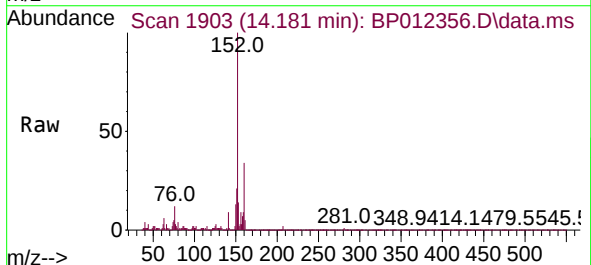
Manual Integrations
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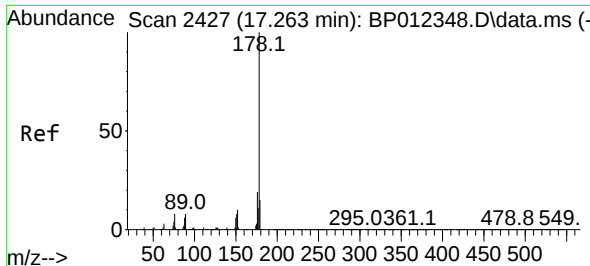
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#50
Acenaphthylene
Concen: 1.303 ng/ul
RT: 14.181 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

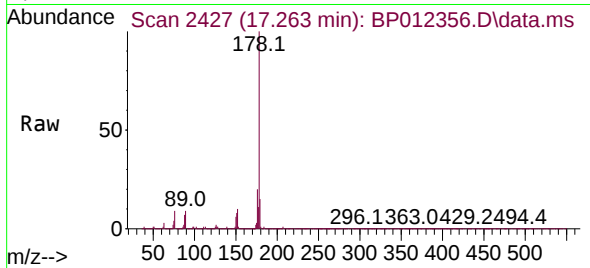
Tgt Ion:152 Resp: 117550
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 13.7 10.8 16.2





#72
Phenanthrene
Concen: 12.445 ng/ul
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

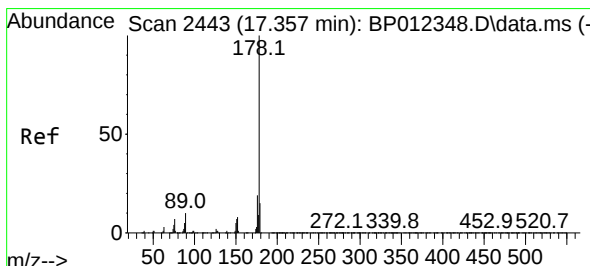
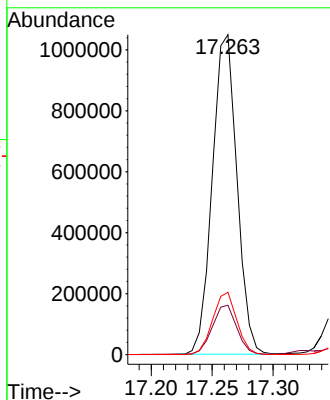
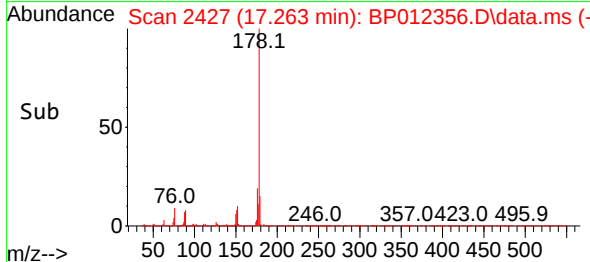
Instrument :
BNA_P
ClientSampleId :
C0BK1



Tgt Ion:178 Resp: 1478124
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.5 15.8 23.6

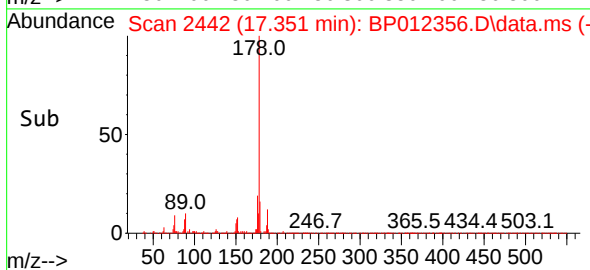
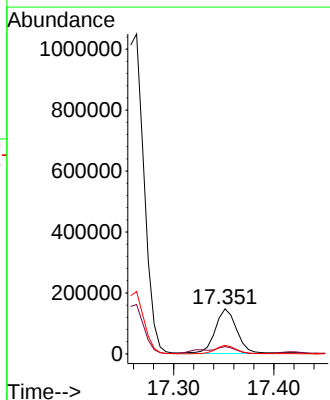
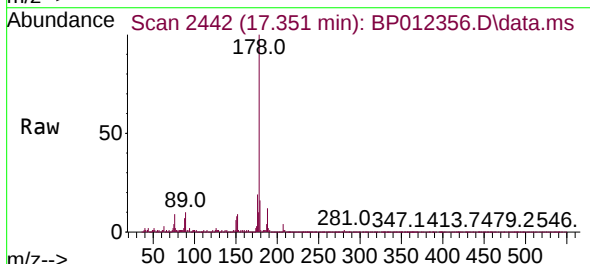
Manual Integrations
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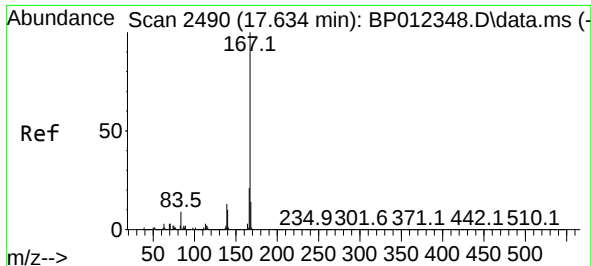
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#74
Anthracene
Concen: 1.865 ng/ul
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

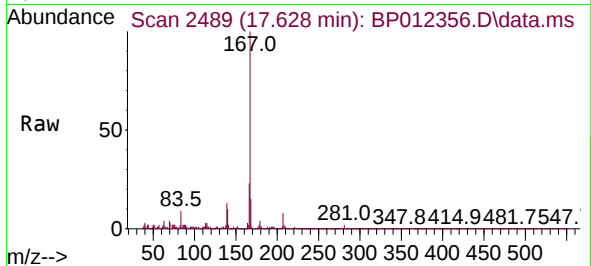
Tgt Ion:178 Resp: 220035
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 18.9 15.3 22.9





#77
 Carbazole
 Concen: 1.436 ng/ul
 RT: 17.628 min Scan# 2490
 Delta R.T. -0.005 min
 Lab File: BP012356.D
 Acq: 27 Oct 2022 22:57

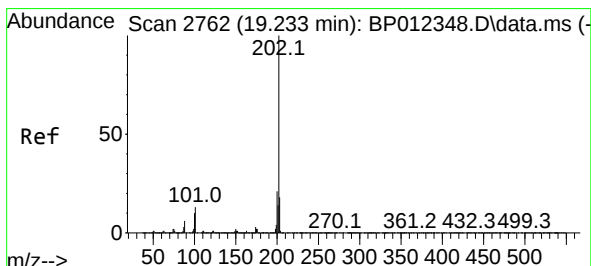
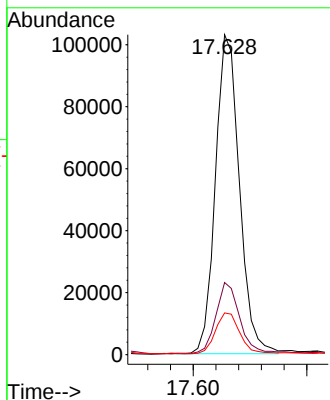
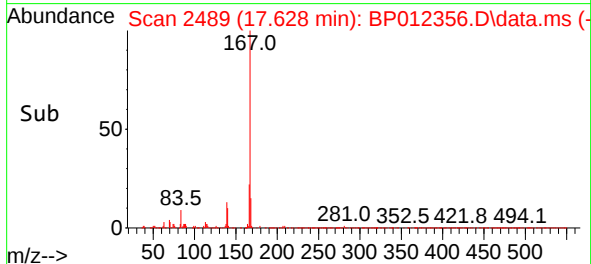
Instrument :
 BNA_P
 ClientSampleId :
 C0BK1



Tgt Ion:167 Resp: 150933
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.1 25.7
 139 13.0 10.4 15.6

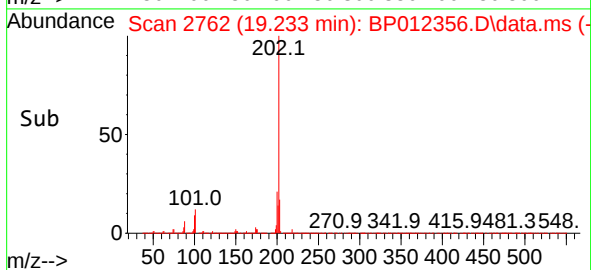
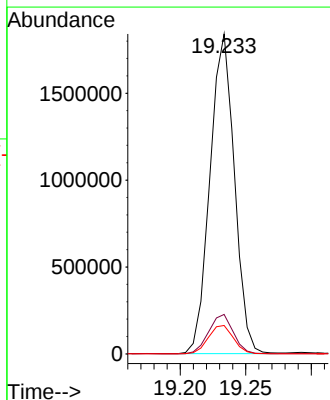
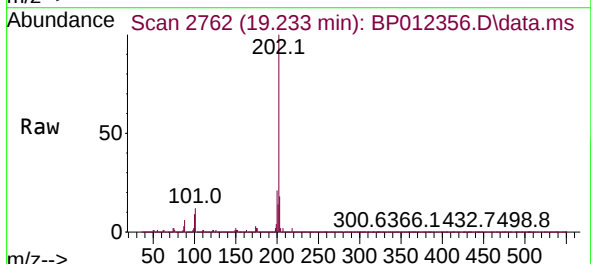
Manual Integrations
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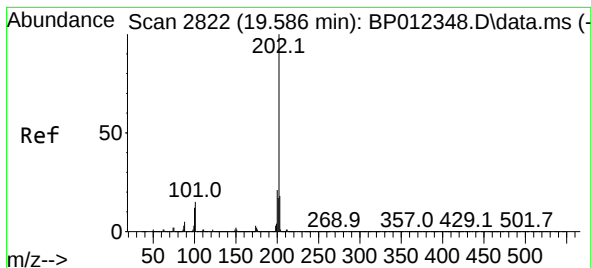
Reviewed By :Jagrut Upadhyay 10/28/2022
 Supervised By :mohammad ahmed 10/31/2022



#80
 Fluoranthene
 Concen: 17.605 ng/ul
 RT: 19.233 min Scan# 2762
 Delta R.T. -0.006 min
 Lab File: BP012356.D
 Acq: 27 Oct 2022 22:57

Tgt Ion:202 Resp: 2386422
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.9 14.9
 100 8.9 7.4 11.2





#82

Pyrene

Concen: 16.718 ng/ul

RT: 19.586 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP012356.D

Acq: 27 Oct 2022 22:57

Instrument :

BNA_P

ClientSampleId :

C0BK1

Tgt Ion:202 Resp: 2347258

Ion Ratio Lower Upper

202 100

101 14.2 11.8 17.6

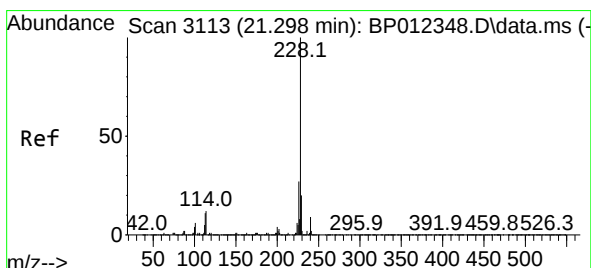
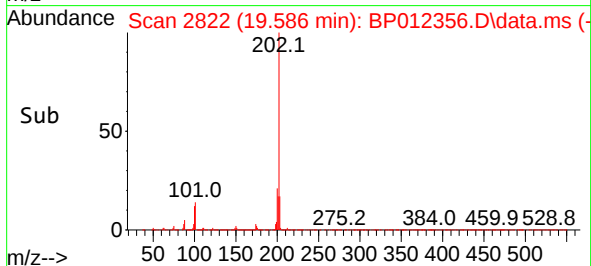
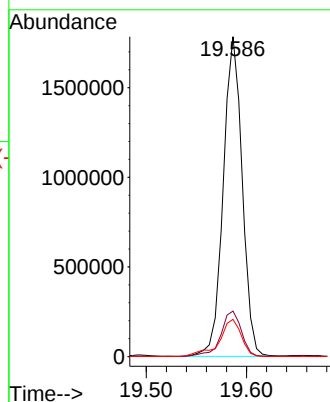
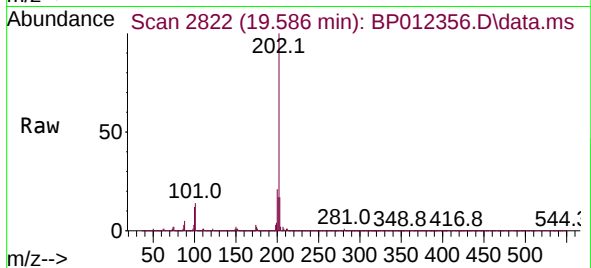
100 11.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022

Supervised By :mohammad ahmed 10/31/2022



#85

Benzo(a)anthracene

Concen: 7.481 ng/ul

RT: 21.298 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP012356.D

Acq: 27 Oct 2022 22:57

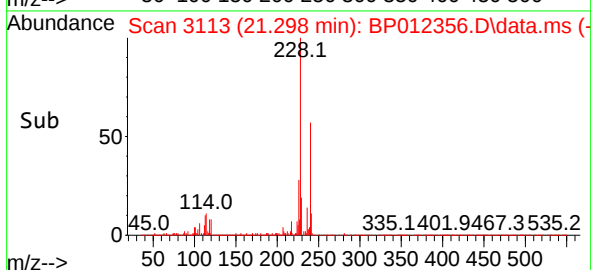
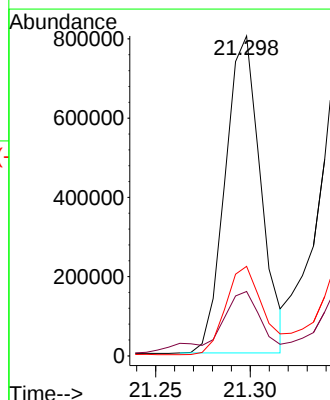
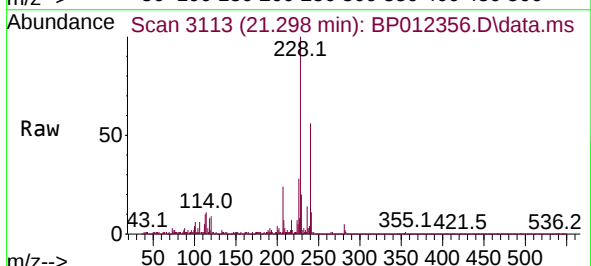
Tgt Ion:228 Resp: 1043758

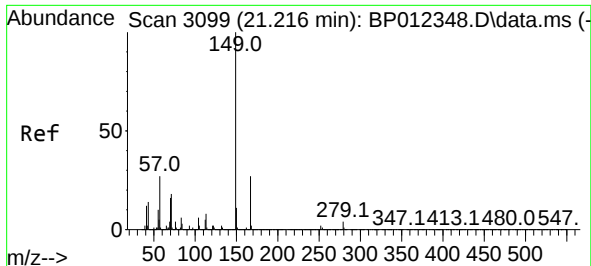
Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.2

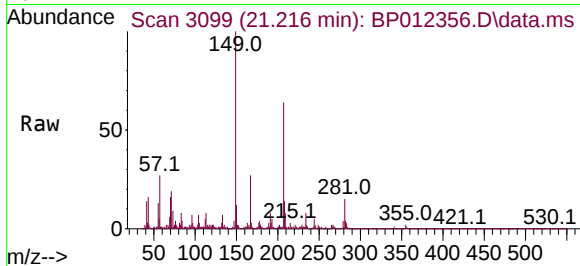
226 28.0 22.6 33.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.460 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.005 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

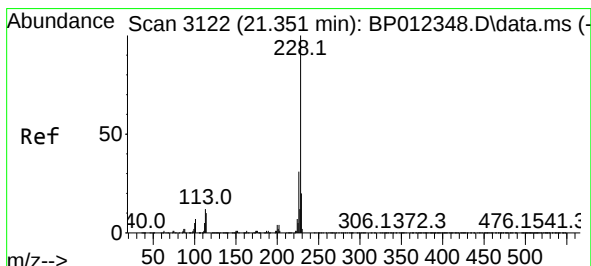
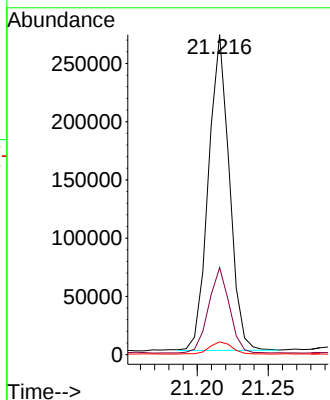
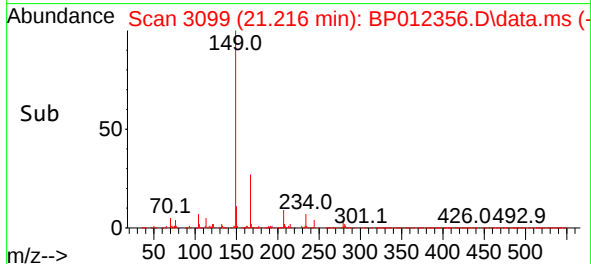
Instrument :
BNA_P
ClientSampleId :
C0BK1



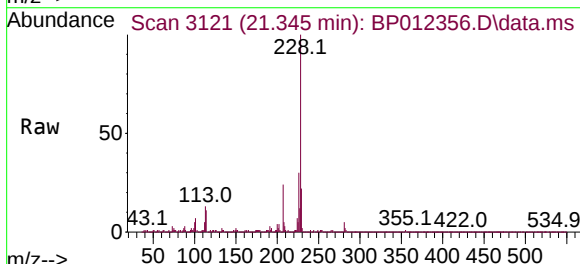
Tgt Ion:149 Resp: 276983
Ion Ratio Lower Upper
149 100
167 27.2 22.1 33.1
279 4.0 3.7 5.5

Manual Integrations
APPROVED

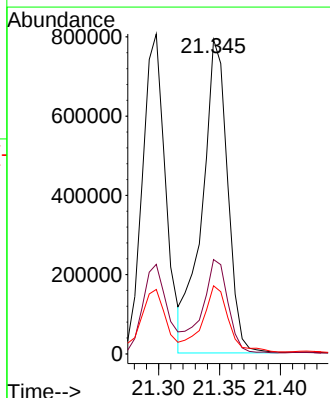
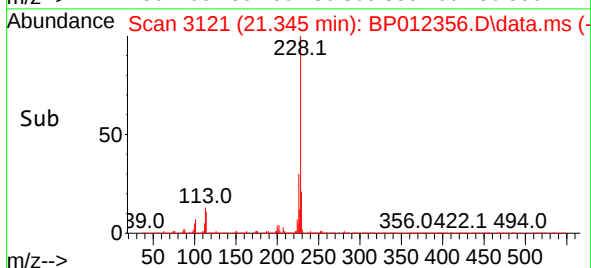
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022

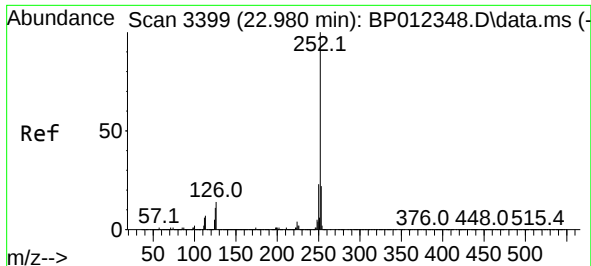


#87
Chrysene
Concen: 8.864 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57



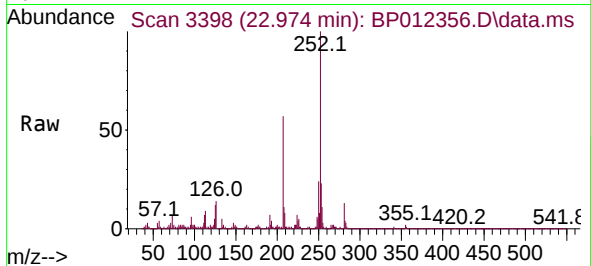
Tgt Ion:228 Resp: 1156072
Ion Ratio Lower Upper
228 100
226 30.0 24.9 37.3
229 21.7 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 9.832 ng/ul
RT: 22.974 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

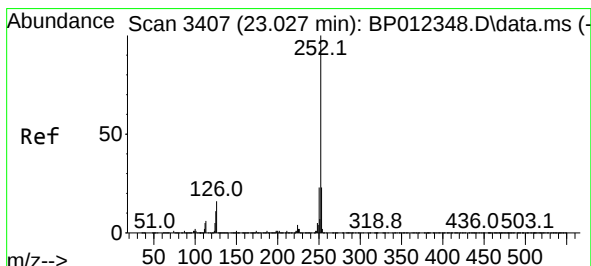
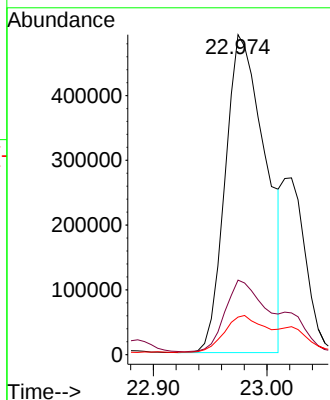
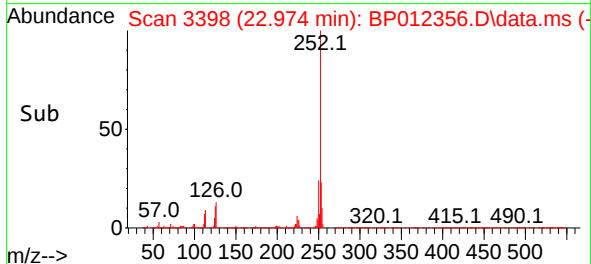
Instrument :
BNA_P
ClientSampleId :
C0BK1



Tgt Ion:252 Resp: 121301
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 11.7 8.7 13.1

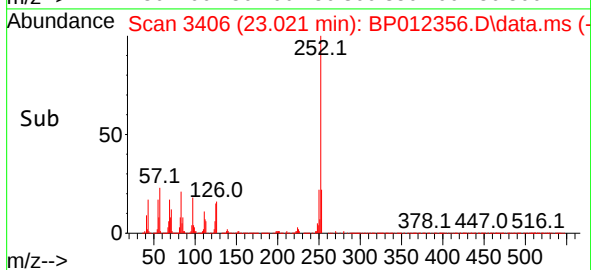
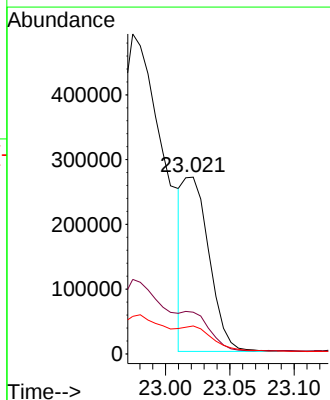
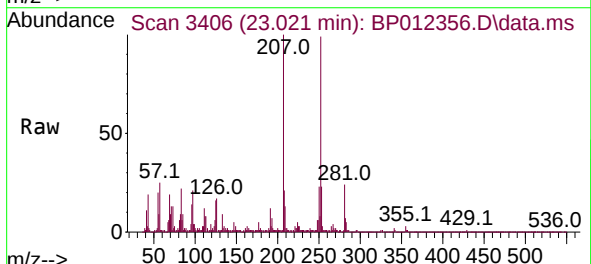
Manual Integrations
APPROVED

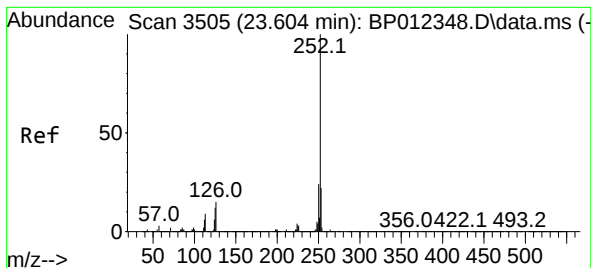
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#91
Benzo(k)fluoranthene
Concen: 3.235 ng/ul m
RT: 23.021 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

Tgt Ion:252 Resp: 380406
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 15.8 8.7 13.1#





#93

Benzo(a)pyrene

Concen: 7.754 ng/ul

RT: 23.604 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012356.D

Acq: 27 Oct 2022 22:57

Instrument :

BNA_P

ClientSampleId :

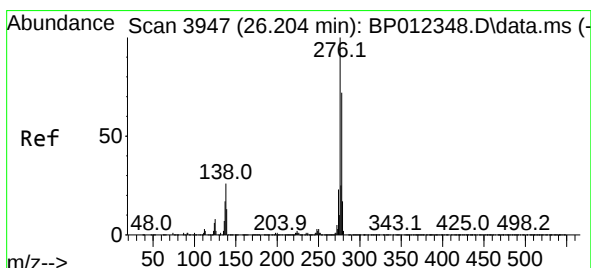
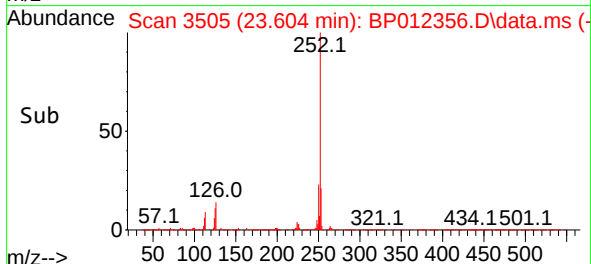
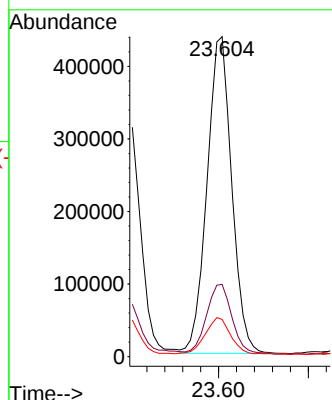
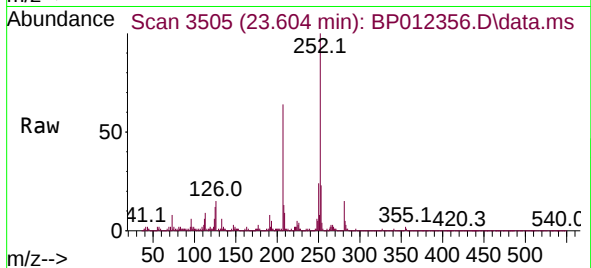
C0BK1

Tgt Ion:	252	Resp:	83544
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	11.6	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.520 ng/ul

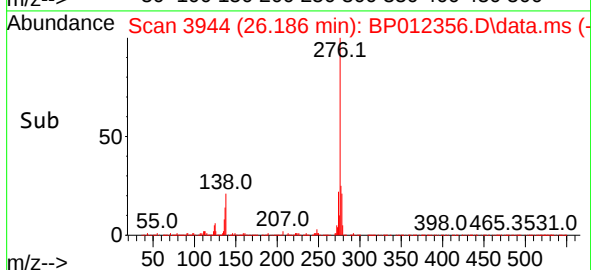
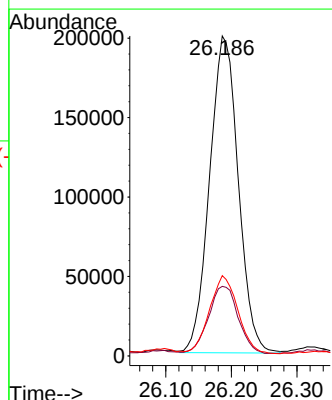
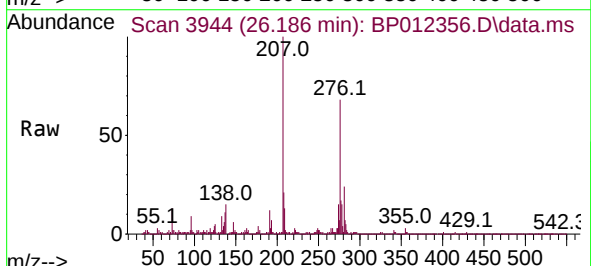
RT: 26.186 min Scan# 3944

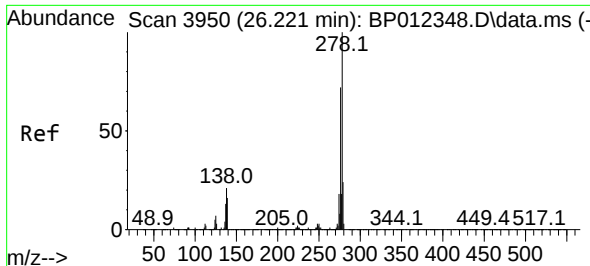
Delta R.T. -0.017 min

Lab File: BP012356.D

Acq: 27 Oct 2022 22:57

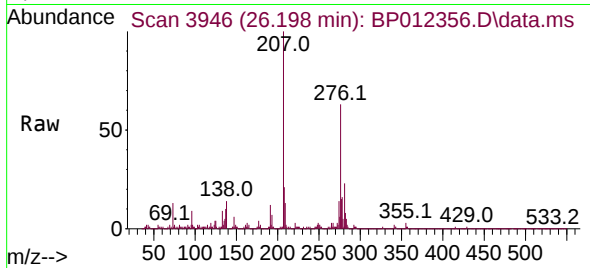
Tgt Ion:	276	Resp:	606798
Ion Ratio	Lower	Upper	
276	100		
138	21.7	20.7	31.1
277	25.1	20.2	30.4





#95
Dibenzo(a,h)anthracene
Concen: 1.354 ng/ul
RT: 26.198 min Scan# 3950
Delta R.T. -0.023 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

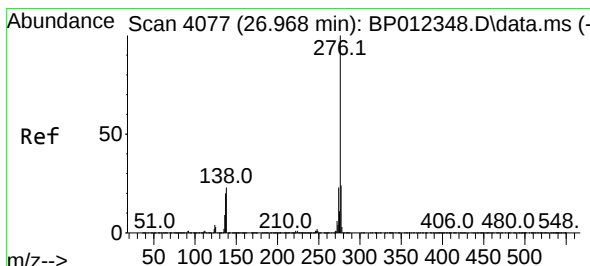
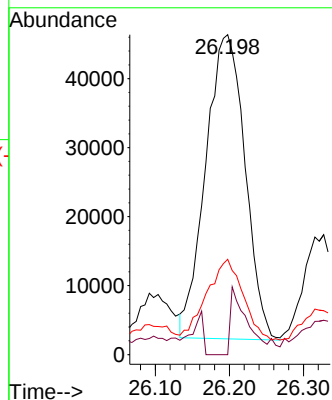
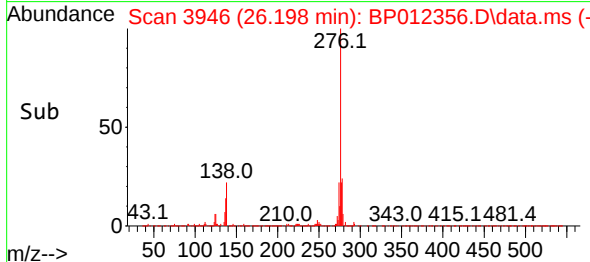
Instrument :
BNA_P
ClientSampleId :
C0BK1



Tgt Ion:278 Resp: 162711
Ion Ratio Lower Upper
278 100
139 0.0 13.2 19.8
279 29.8 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#96
Benzo(g,h,i)perylene
Concen: 4.795 ng/ul
RT: 26.957 min Scan# 4075
Delta R.T. -0.017 min
Lab File: BP012356.D
Acq: 27 Oct 2022 22:57

Tgt Ion:276 Resp: 569114
Ion Ratio Lower Upper
276 100
138 21.8 17.8 26.8
277 25.1 19.5 29.3

