

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012265.D
 Acq On : 22 Oct 2022 02:57
 Operator : CG/JU
 Sample : N5064-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BJ3

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 03:48:38 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	464117	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1946709	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	1133375	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	1997545	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1582723	20.000	ng/u1	0.00
88) Perylene-d12	23.721	264	1806480	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	42379	3.695	ng/uL	0.00
4) Pyridine-d5	3.681	84	206992	6.264	ng/u1	0.00
7) Phenol-d5	6.993	99	807834	20.162	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	532913	21.931	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	679865	22.292	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	346184	11.117	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	353176	24.510	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	391017	25.151	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	652342	22.370	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	460316	11.110	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1961691	24.882	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2235243	24.838	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	220736	14.945	ng/u1	0.00
60) Fluorene-d10	15.469	176	1659889	24.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	156541	13.775	ng/u1	0.00
73) Anthracene-d10	17.328	188	2195501	25.075	ng/u1	0.00
81) Pyrene-d10	19.569	212	2238111	24.837	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2309455	25.493	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.016	94	53977	1.288	ng/u1#	89
30) Naphthalene	10.675	128	261476	2.511	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	225401	3.182	ng/u1	98
37) 1-Methylnaphthalene	12.504	142	177447	2.509	ng/u1	99
50) Acenaphthylene	14.192	152	137124	1.368	ng/u1#	97
72) Phenanthrene	17.269	178	366062	3.410	ng/u1	99
74) Anthracene	17.363	178	124760	1.174	ng/u1	99
80) Fluoranthene	19.239	202	693009	6.224	ng/u1	98
82) Pyrene	19.598	202	659492	5.789	ng/u1	95
85) Benzo(a)anthracene	21.304	228	406244	3.938	ng/u1	97
87) Chrysene	21.357	228	431522	4.483	ng/u1	97
90) Benzo(b)fluoranthene	22.992	252	899699	7.473	ng/u1	98
91) Benzo(k)fluoranthene	23.033	252	286673m	2.416	ng/u1	
93) Benzo(a)pyrene	23.616	252	510497	4.959	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.215	276	452092	3.793	ng/u1	98
95) Dibenzo(a,h)anthracene	26.221	278	119729	1.114	ng/u1#	76
96) Benzo(g,h,i)perylene	26.980	276	420028	3.754	ng/u1	98

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

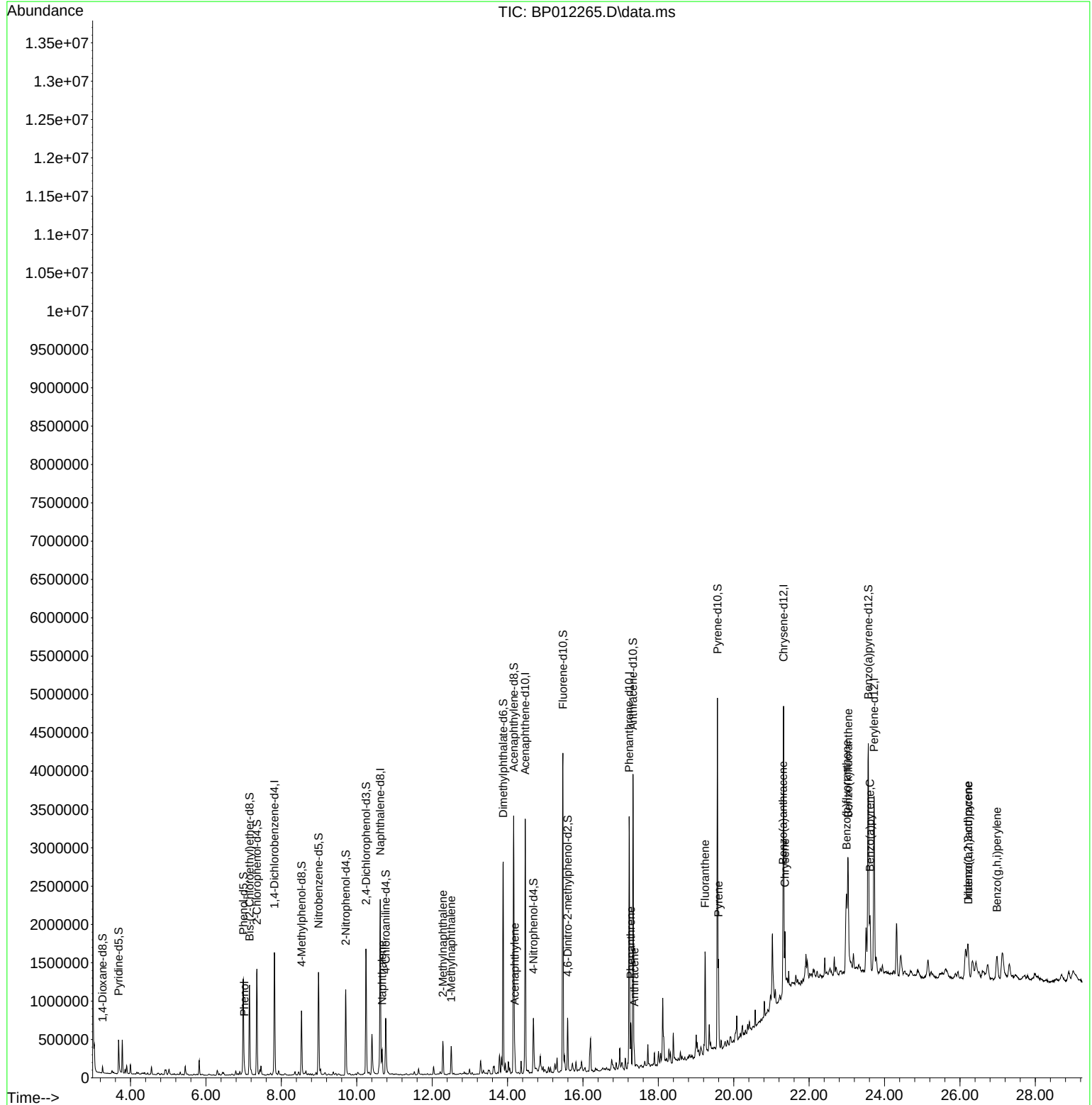
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012265.D
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 Sample : N5064-03
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 ALS Vial : 61 Sample Multiplier: 1

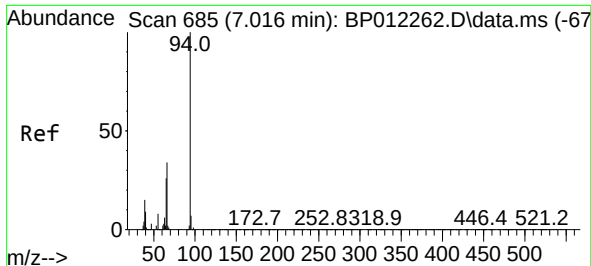
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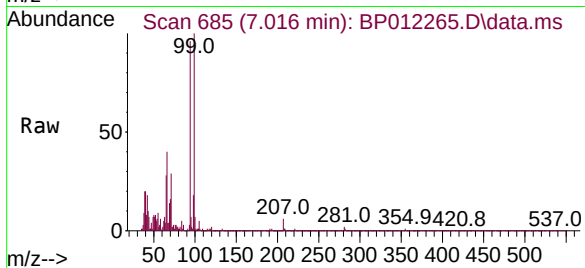
Quant Time: Oct 22 03:48:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
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#8
Phenol
Concen: 1.288 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

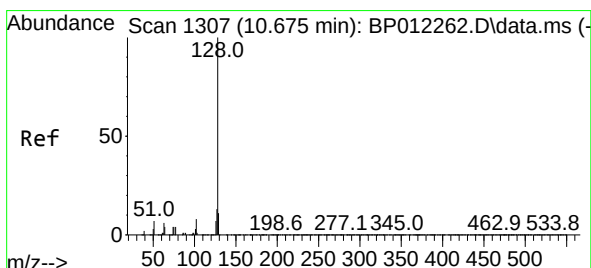
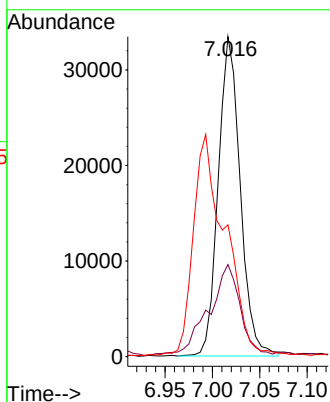
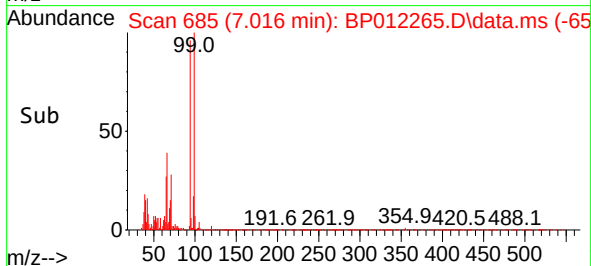
Instrument :
BNA_P
Client SampleId :
C0BJ3



Tgt Ion: 94 Resp: 53972
Ion Ratio Lower Upper
94 100
65 28.8 20.6 31.0
66 41.2 26.2 39.4

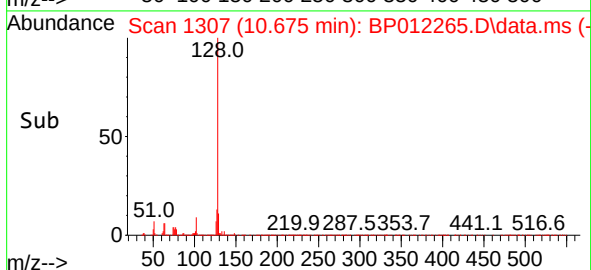
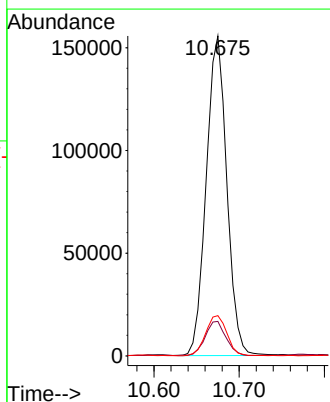
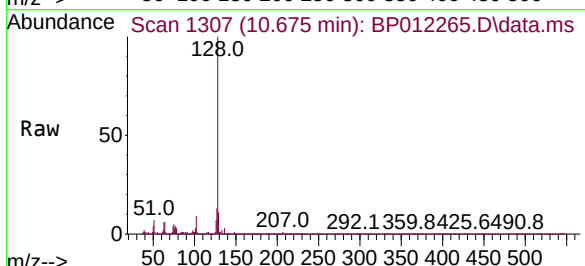
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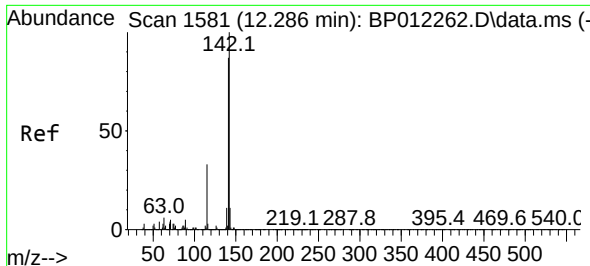
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#30
Naphthalene
Concen: 2.511 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

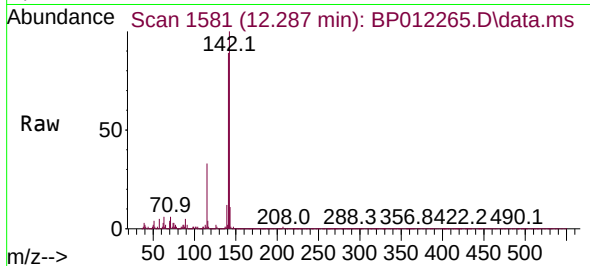
Tgt Ion:128 Resp: 261476
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.6 10.2 15.4





#36
2-Methylnaphthalene
Concen: 3.182 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

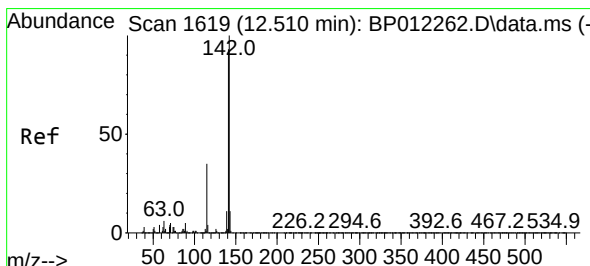
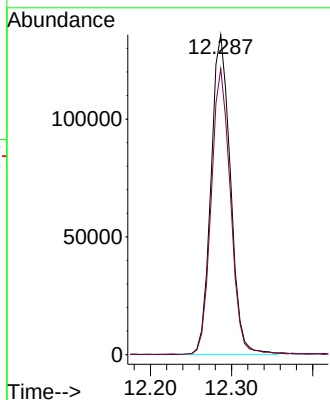
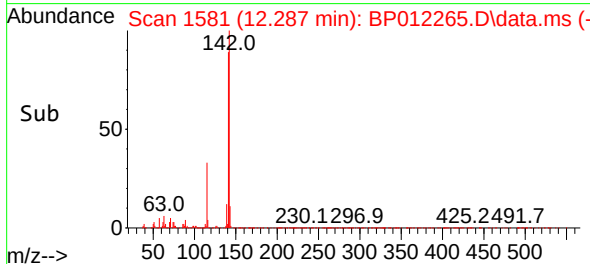
Instrument :
BNA_P
ClientSampleId :
C0BJ3



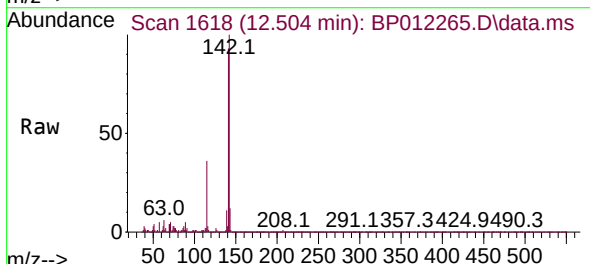
Tgt Ion:142 Resp: 225401
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5

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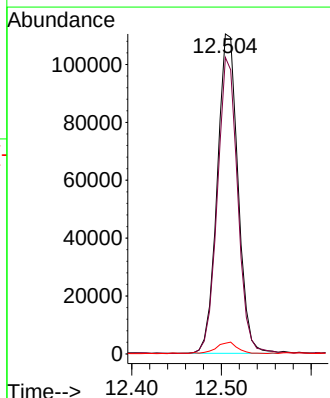
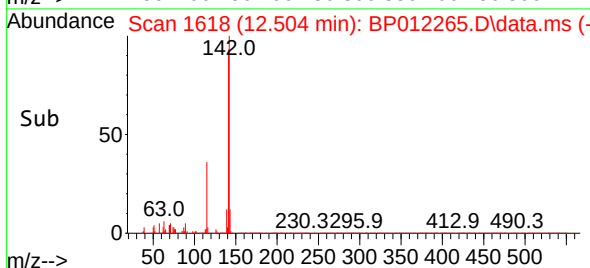
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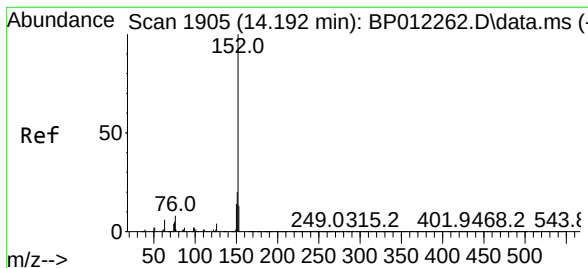


#37
1-Methylnaphthalene
Concen: 2.509 ng/ul
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57



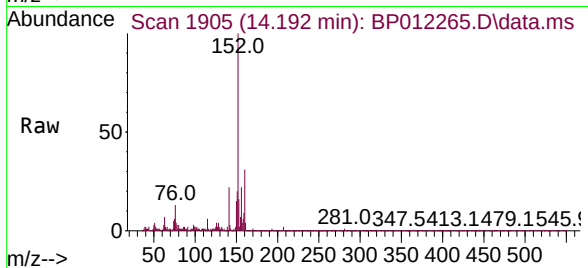
Tgt Ion:142 Resp: 177447
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0
116 3.3 3.0 4.4





#50
Acenaphthylene
Concen: 1.368 ng/ul
RT: 14.192 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

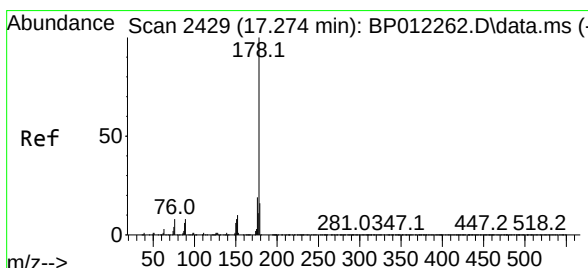
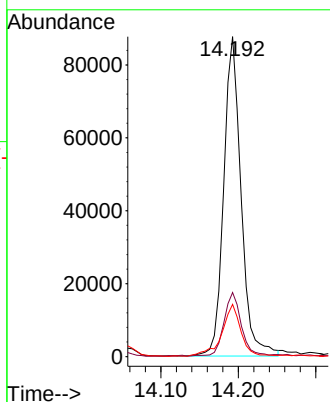
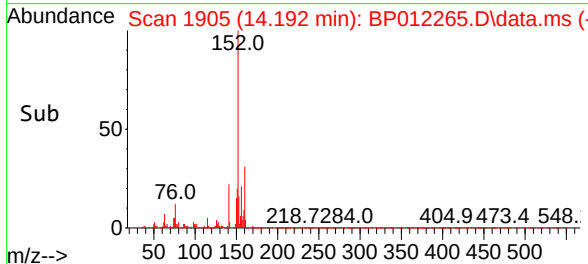
Instrument :
BNA_P
ClientSampleId :
C0BJ3



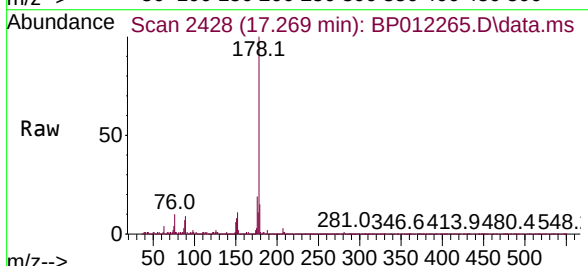
Tgt Ion:152 Resp: 137124
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 16.3 10.6 16.0

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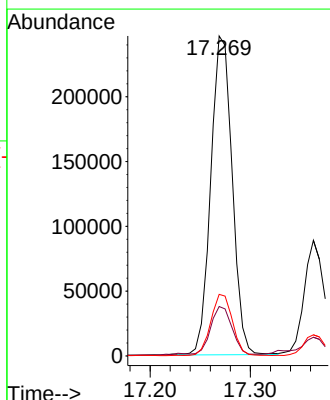
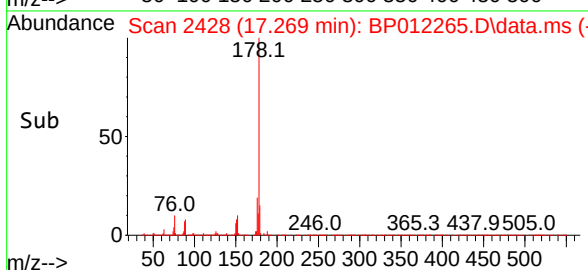
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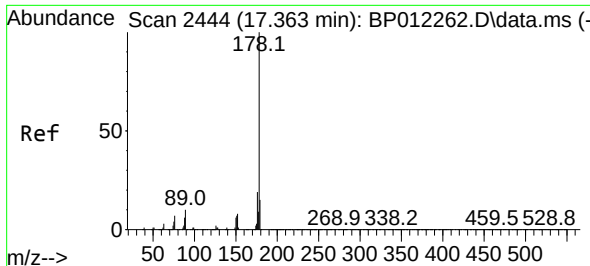


#72
Phenanthrene
Concen: 3.410 ng/ul
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57



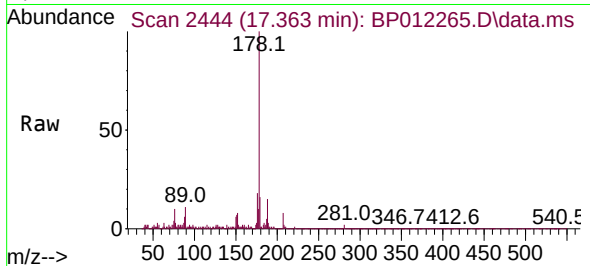
Tgt Ion:178 Resp: 366062
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4





#74
 Anthracene
 Concen: 1.174 ng/ul
 RT: 17.363 min Scan# 2444
 Delta R.T. -0.000 min
 Lab File: BP012265.D
 Acq: 22 Oct 2022 02:57

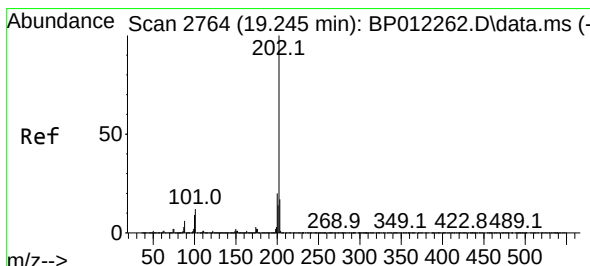
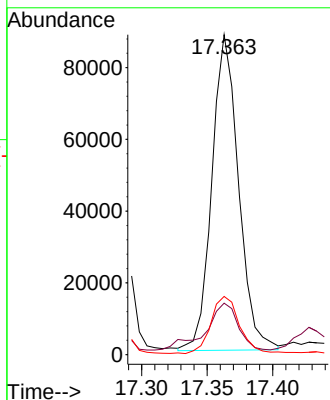
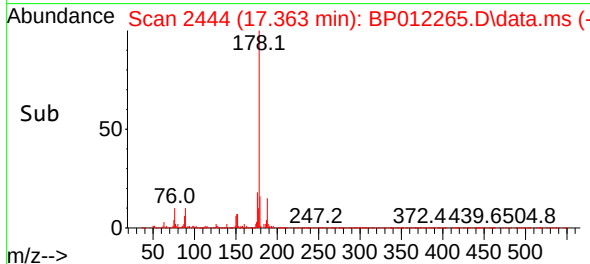
Instrument :
 BNA_P
 ClientSampleId :
 C0BJ3



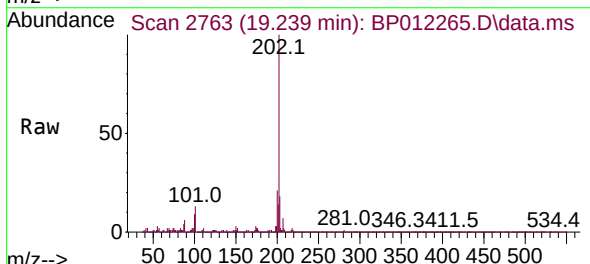
Tgt Ion:178 Resp: 124760
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.3 18.5
 176 18.2 15.0 22.4

Manual Integrations
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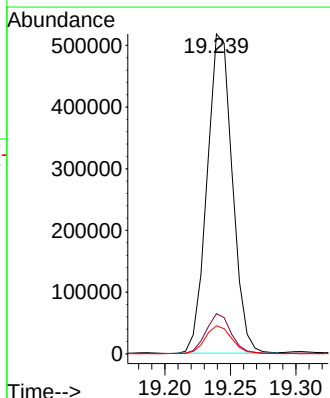
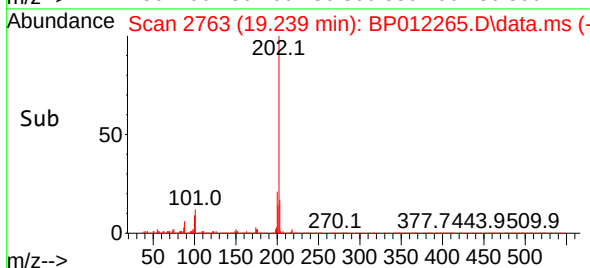
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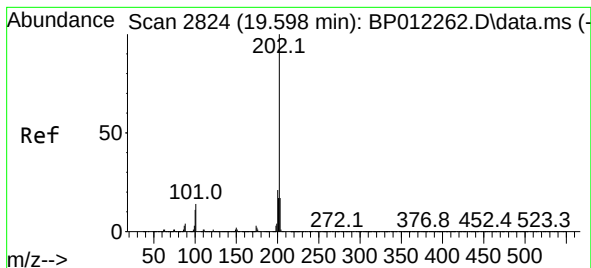


#80
 Fluoranthene
 Concen: 6.224 ng/ul
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.006 min
 Lab File: BP012265.D
 Acq: 22 Oct 2022 02:57



Tgt Ion:202 Resp: 693009
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.4 15.6
 100 8.8 7.7 11.5





#82

Pyrene

Concen: 5.789 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP012265.D

Acq: 22 Oct 2022 02:57

Instrument :

BNA_P

ClientSampleId :

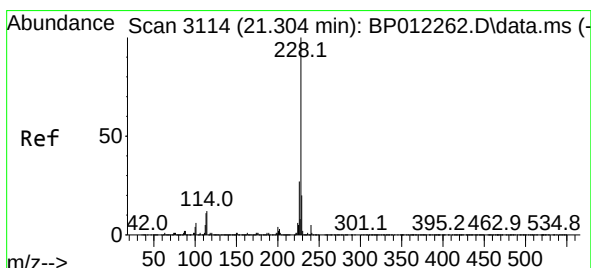
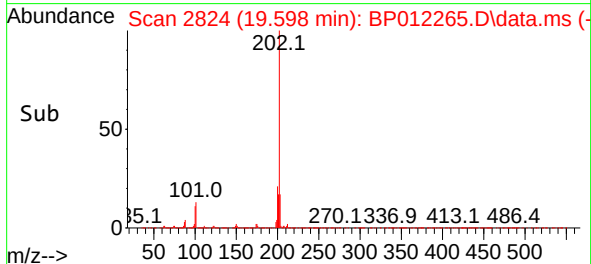
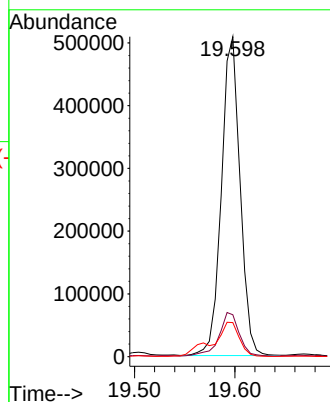
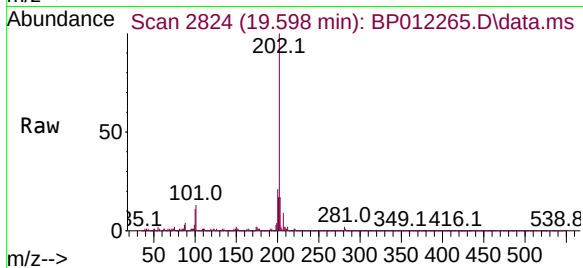
C0BJ3

Tgt Ion:	202	Resp:	659492
Ion Ratio	Lower	Upper	
202	100		
101	13.1	12.3	18.5
100	10.6	10.0	15.0

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.938 ng/ul

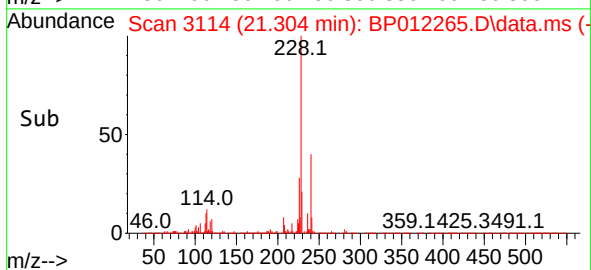
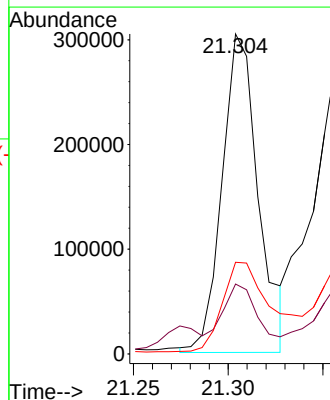
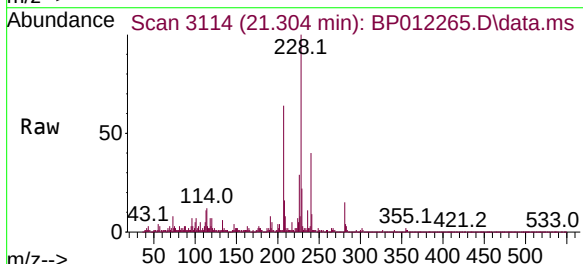
RT: 21.304 min Scan# 3114

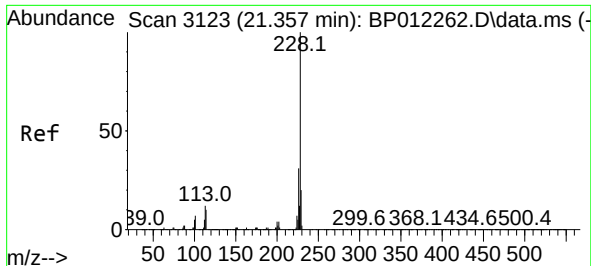
Delta R.T. -0.000 min

Lab File: BP012265.D

Acq: 22 Oct 2022 02:57

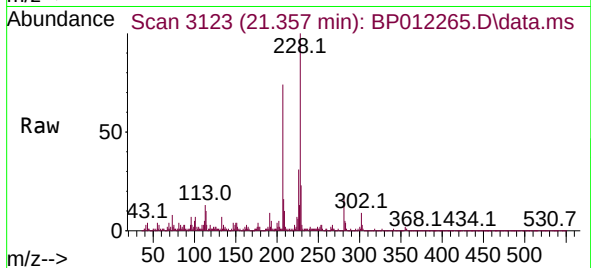
Tgt Ion:	228	Resp:	406244
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.1	24.1
226	28.6	21.9	32.9





#87
Chrysene
Concen: 4.483 ng/ul
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

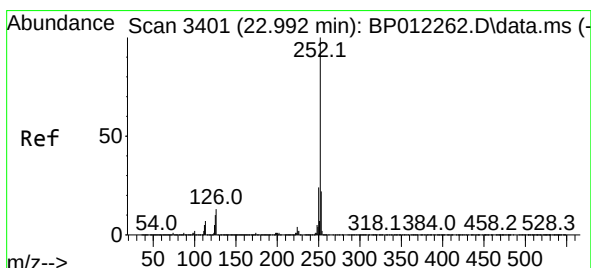
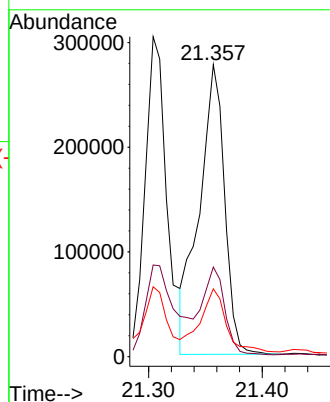
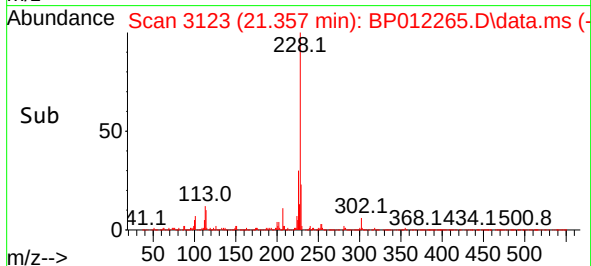
Instrument :
BNA_P
ClientSampleId :
C0BJ3



Tgt Ion:228 Resp: 431522
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 23.2 15.8 23.8

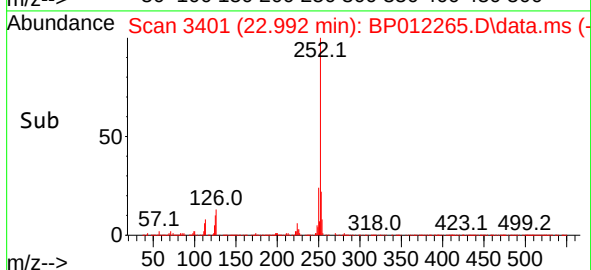
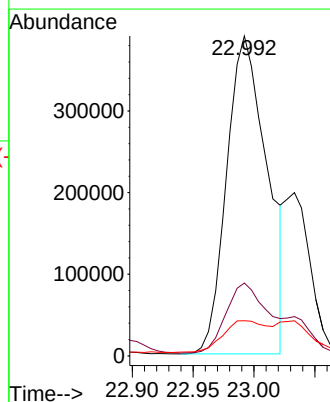
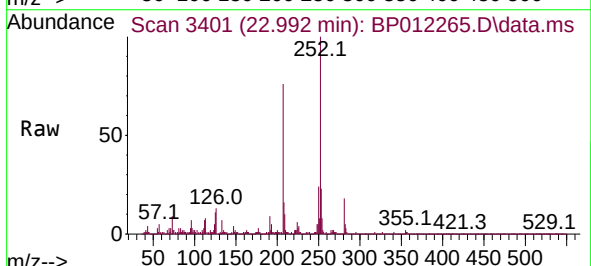
Manual Integrations
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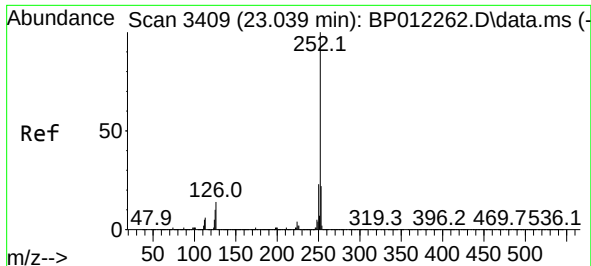
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#90
Benzo(b)fluoranthene
Concen: 7.473 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

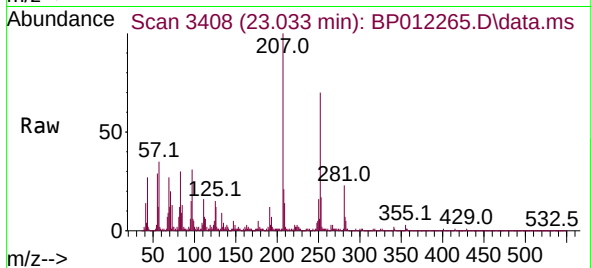
Tgt Ion:252 Resp: 899699
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.0 8.5 12.7





#91
Benzo(k)fluoranthene
Concen: 2.416 ng/ul m
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

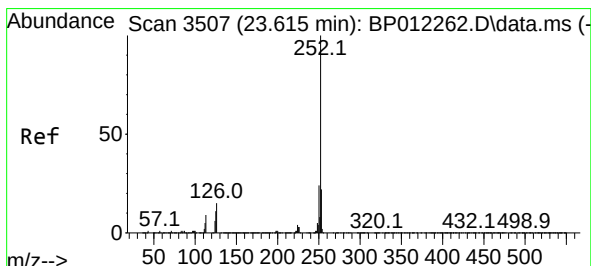
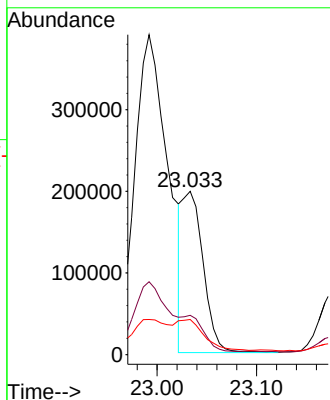
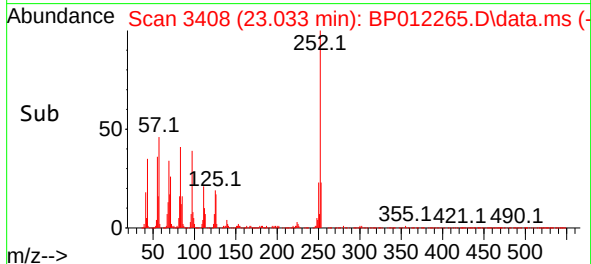
Instrument :
BNA_P
ClientSampleId :
C0BJ3



Tgt Ion:252 Resp: 286673
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 21.5 8.6 13.0

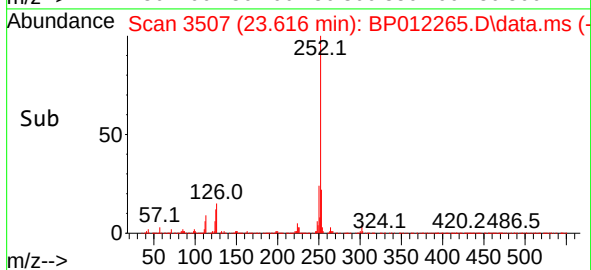
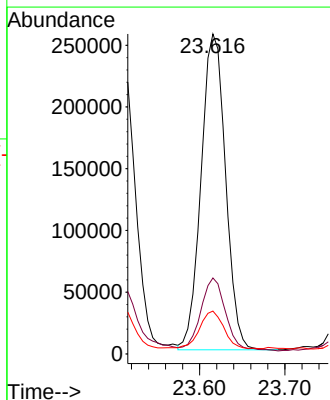
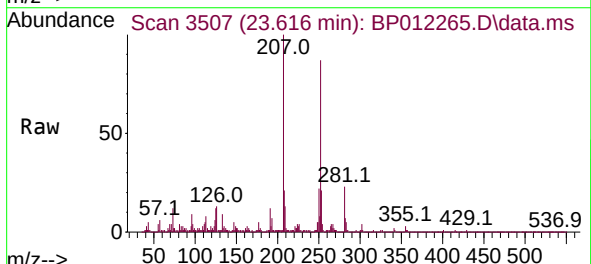
Manual Integrations
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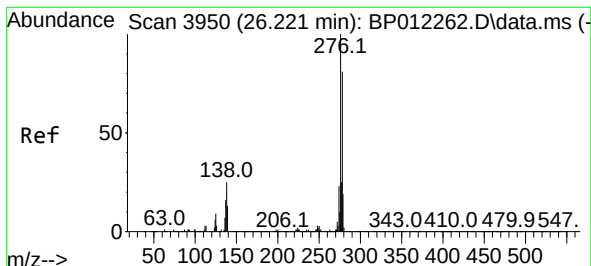
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#93
Benzo(a)pyrene
Concen: 4.959 ng/ul
RT: 23.616 min Scan# 3507
Delta R.T. -0.000 min
Lab File: BP012265.D
Acq: 22 Oct 2022 02:57

Tgt Ion:252 Resp: 510497
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 13.4 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.793 ng/ul

RT: 26.215 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BP012265.D

Acq: 22 Oct 2022 02:57

Instrument :

BNA_P

ClientSampleId :

C0BJ3

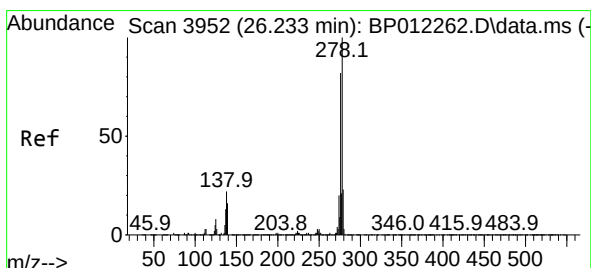
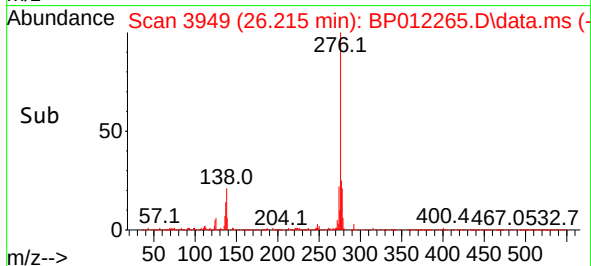
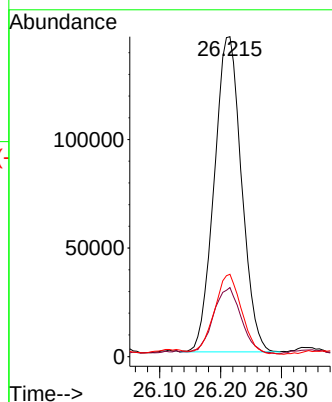
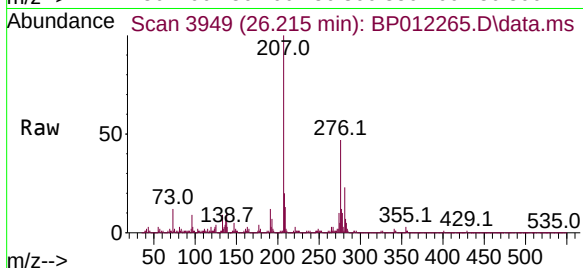
Tgt Ion: 276 Resp: 452092

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.3	30.5
277	25.7	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: 1.114 ng/ul

RT: 26.221 min Scan# 3950

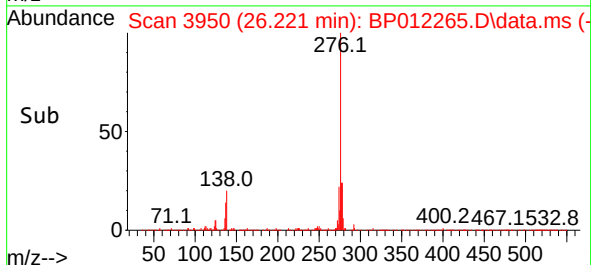
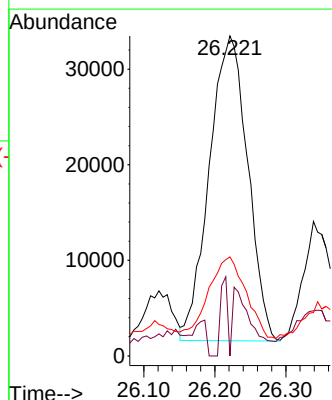
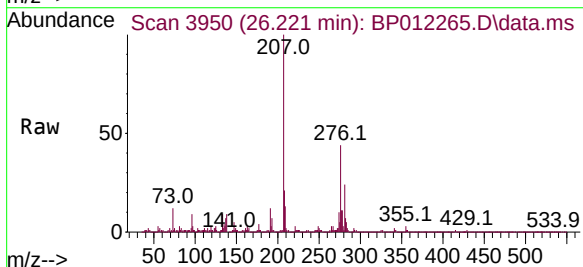
Delta R.T. -0.012 min

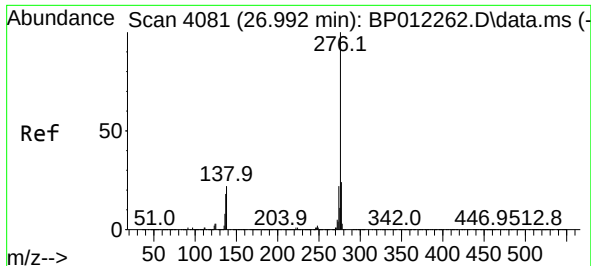
Lab File: BP012265.D

Acq: 22 Oct 2022 02:57

Tgt Ion: 278 Resp: 119729

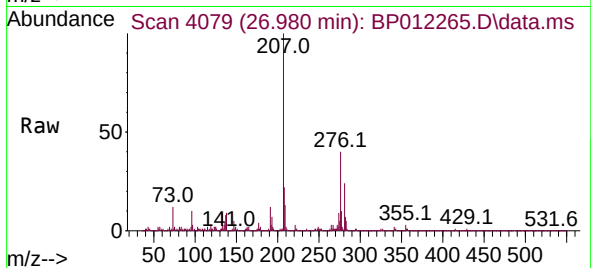
Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.9	19.3#
279	30.9	19.0	28.4#





#96
 Benzo(g,h,i)perylene
 Concen: 3.754 ng/ul
 RT: 26.980 min Scan# 4081
 Delta R.T. -0.012 min
 Lab File: BP012265.D
 Acq: 22 Oct 2022 02:57

Instrument :
 BNA_P
 ClientSampleId :
 C0BJ3



Tgt Ion:276 Resp: 420028
 Ion Ratio Lower Upper
 276 100
 138 23.1 17.9 26.9
 277 24.6 18.9 28.3

Manual Integrations
 APPROVED

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

