

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006643.D
 Acq On : 11 Aug 2021 02:59
 Operator : CG/JU
 Sample : M3182-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00C4

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:28:57 PM

Quant Time: Aug 11 05:22:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 11 02:03:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	196129	20.000	ng/u1	0.00
20) Naphthalene-d8	10.505	136	861065	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	476939	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	939523	20.000	ng/u1	0.00
79) Chrysene-d12	21.210	240	867270	20.000	ng/u1	0.00
88) Perylene-d12	23.527	264	902920	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18137	3.128	ng/uL	0.00
4) Pyridine-d5	3.640	84	200353	12.019	ng/u1	0.00
7) Phenol-d5	6.899	99	326132	16.541	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	224214	18.504	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	270771	18.439	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	191235	12.141	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	141571	19.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	146250	19.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	228707	17.699	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	237197	11.294	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	739166	20.209	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	929234	20.712	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	103774	13.583	ng/u1	0.00
60) Fluorene-d10	15.351	176	621174	20.882	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	76974	12.395	ng/u1	0.00
73) Anthracene-d10	17.210	188	902684	20.306	ng/u1	0.00
81) Pyrene-d10	19.457	212	1065207	23.389	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.380	264	1011764	20.780	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.552	128	54259	1.161	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	37708	1.174	ng/u1	94
50) Acenaphthylene	14.075	152	63276	1.443	ng/u1	97
72) Phenanthrene	17.151	178	443688	8.359	ng/u1	100
74) Anthracene	17.245	178	81134	1.505	ng/u1	99
80) Fluoranthene	19.134	202	977331	17.073	ng/u1	98
82) Pyrene	19.486	202	797409	13.487	ng/u1	99
85) Benzo(a)anthracene	21.198	228	407774	7.219	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.139	149	49478	1.098	ng/u1	98
87) Chrysene	21.251	228	463059	8.502	ng/u1	98
90) Benzo(b)fluoranthene	22.827	252	632433	10.782	ng/u1	98
91) Benzo(k)fluoranthene	22.869	252	196028m	3.452	ng/u1	
93) Benzo(a)pyrene	23.427	252	374769	7.053	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.916	276	304849	4.388	ng/u1	95
95) Dibenzo(a,h)anthracene	25.916	278	76693	1.314	ng/u1#	76
96) Benzo(g,h,i)perylene	26.645	276	78973	1.369	ng/u1	96

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

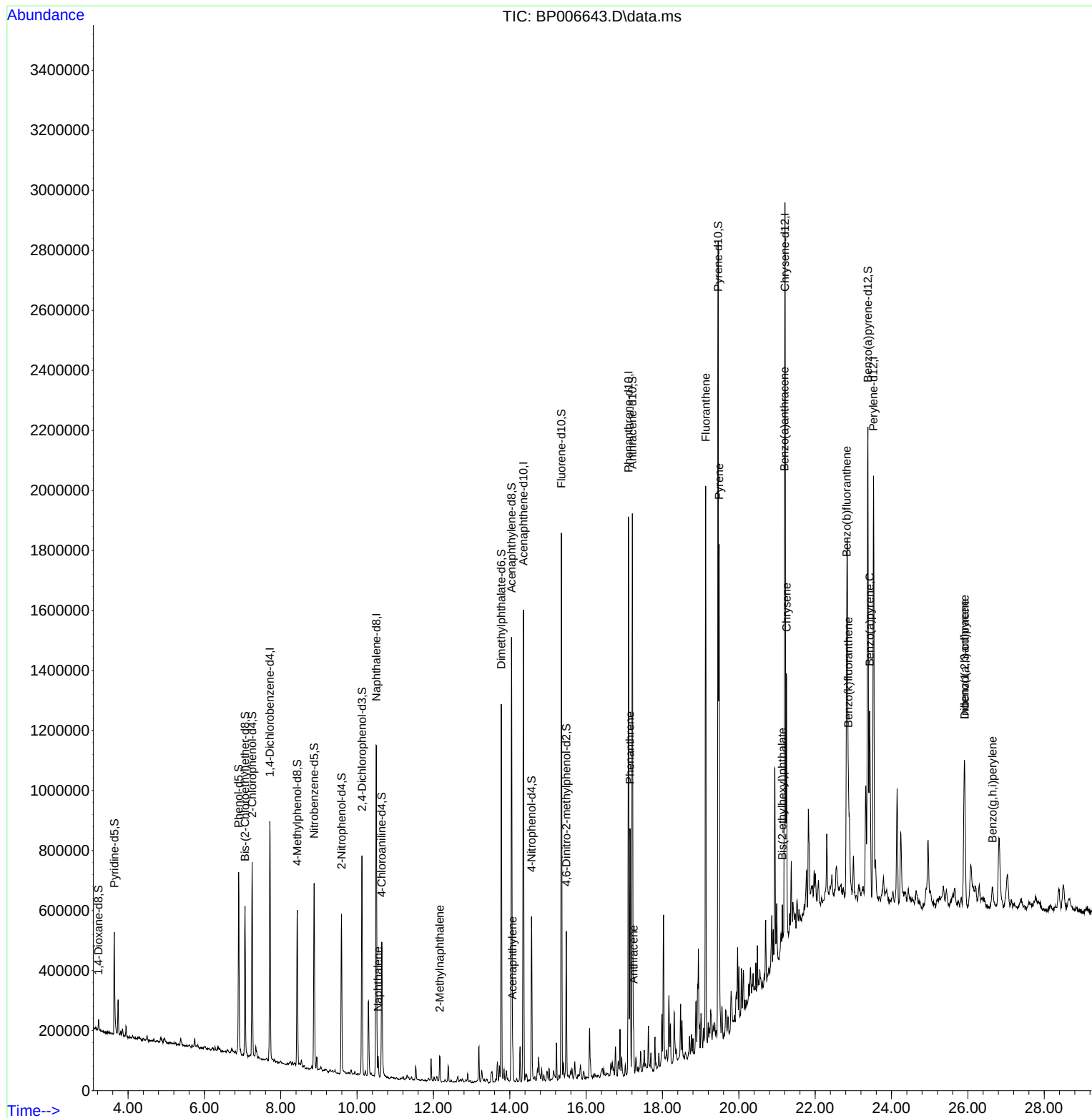
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006643.D
 Acq On : 11 Aug 2021 02:59
 Operator : CG/JU
 Sample : M3182-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

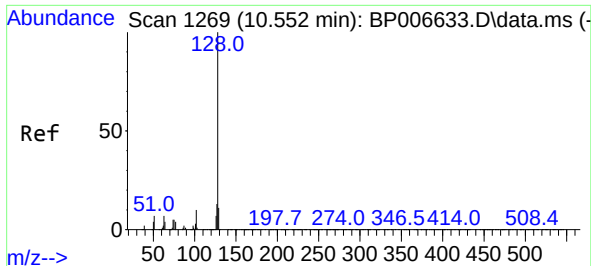
Instrument :
 BNA_P
 ClientSampled :
 C00C4

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:28:57 PM

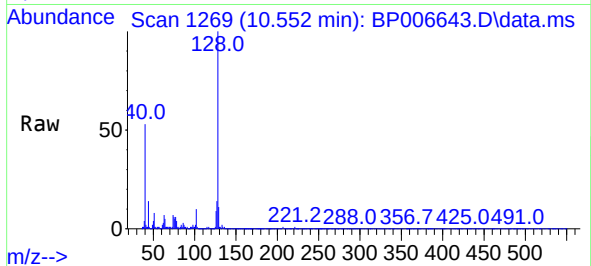
Quant Time: Aug 11 05:22:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 11 02:03:57 2021
 Response via : Initial Calibration





#30
Naphthalene
Concen: 1.161 ng/ul
RT: 10.552 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

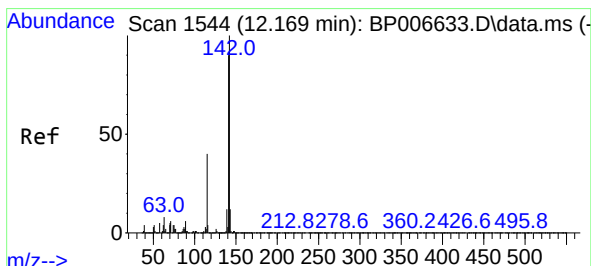
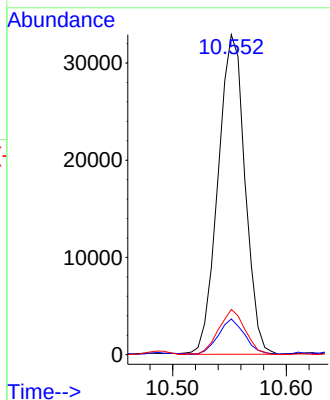
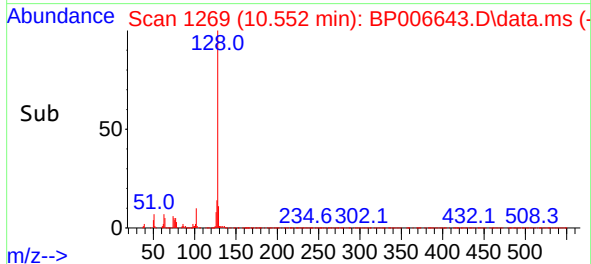
Instrument :
BNA_P
ClientSampled :
C00C4



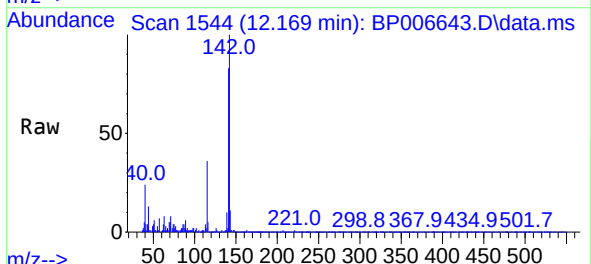
Tgt Ion:128 Resp: 54259
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 14.2 10.7 16.1

Manual Integrations
APPROVED

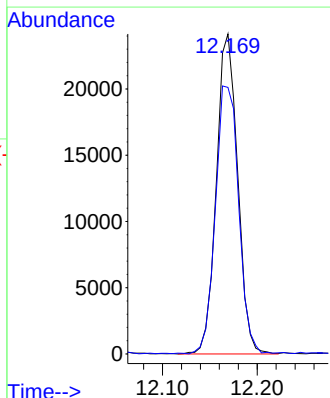
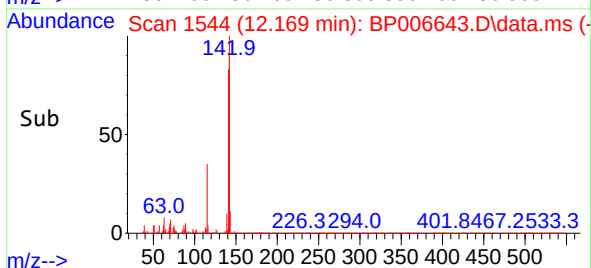
mohammad
8/11/2021 9:28:57 PM

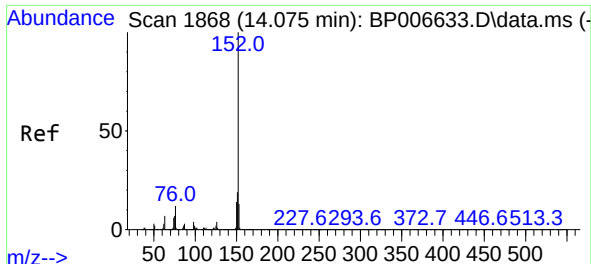


#36
2-Methylnaphthalene
Concen: 1.174 ng/ul
RT: 12.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59



Tgt Ion:142 Resp: 37708
Ion Ratio Lower Upper
142 100
141 83.3 71.2 106.8





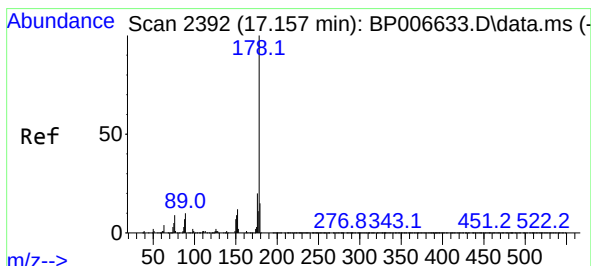
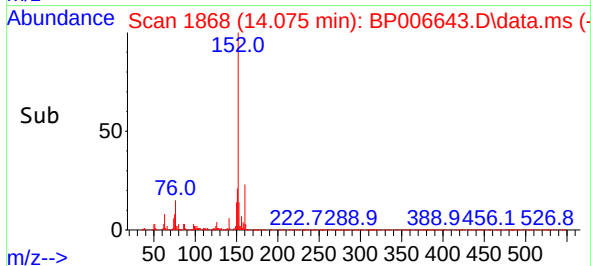
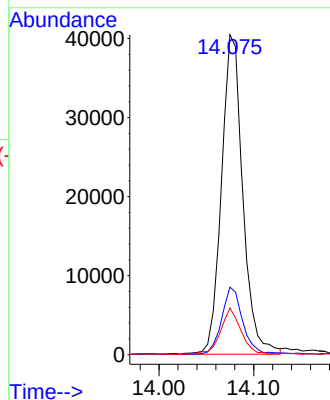
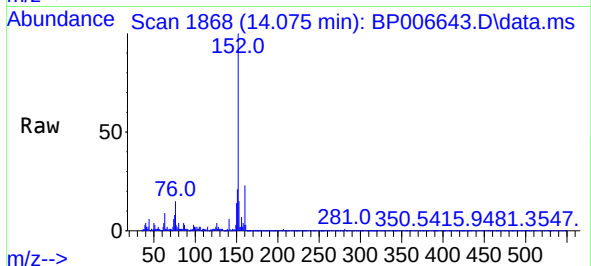
#50
Acenaphthylene
Concen: 1.443 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

Tgt Ion:	152	Resp:	63276
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.2
153	14.5	10.4	15.6

Instrument :
BNA_P
ClientSampled :
C00C4

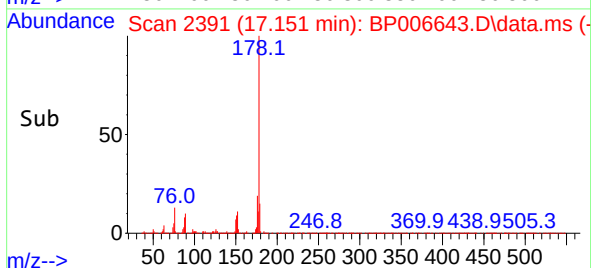
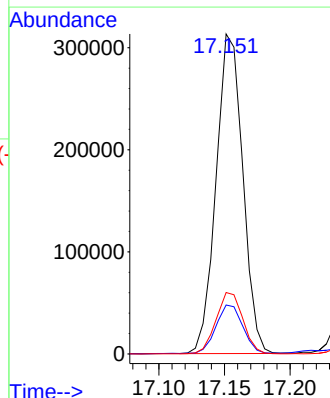
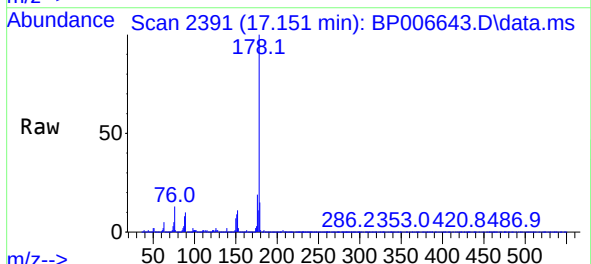
Manual Integrations
APPROVED

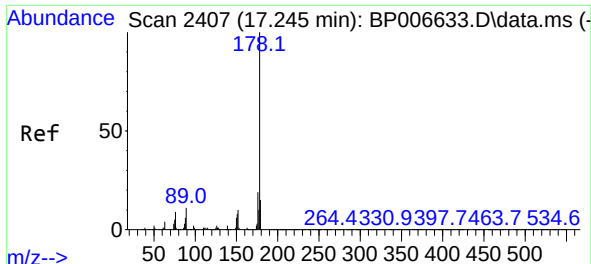
mohammad
8/11/2021 9:28:57 PM



#72
Phenanthrene
Concen: 8.359 ng/ul
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

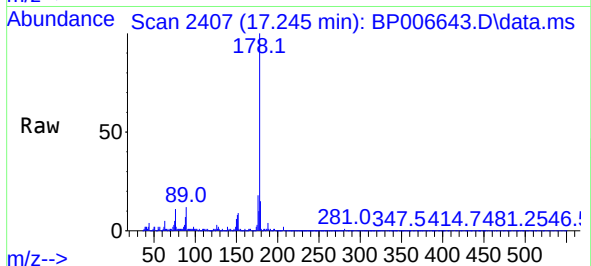
Tgt Ion:	178	Resp:	443688
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.5	18.7
176	19.2	15.4	23.2





#74
 Anthracene
 Concen: 1.505 ng/u1
 RT: 17.245 min Scan# 2407
 Delta R.T. -0.006 min
 Lab File: BP006643.D
 Acq: 11 Aug 2021 02:59

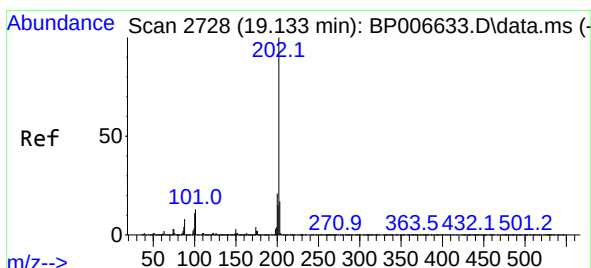
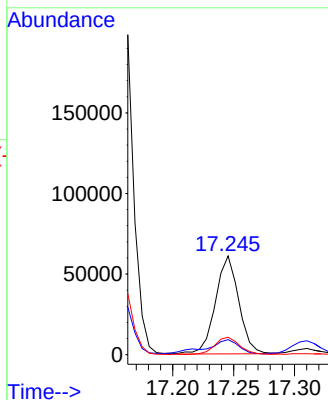
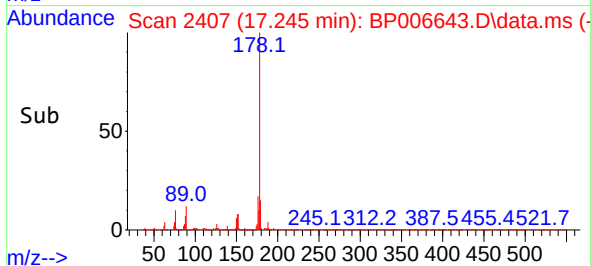
Instrument :
 BNA_P
 ClientSampled :
 C00C4



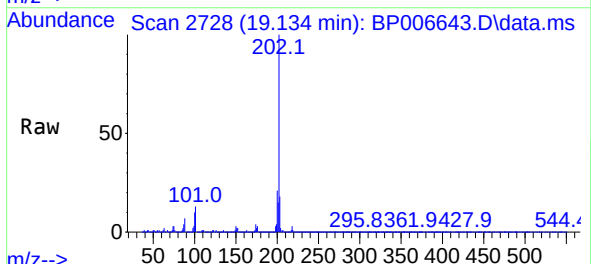
Tgt Ion:178 Resp: 81134
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.2 18.2
 176 17.6 14.6 21.8

Manual Integrations
 APPROVED

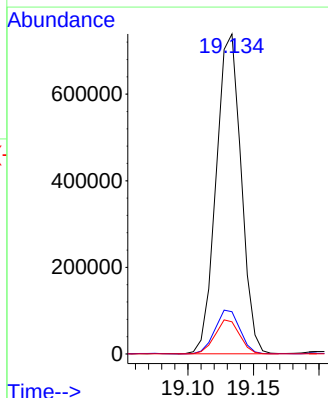
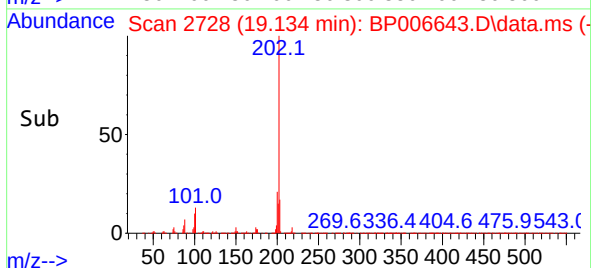
mohammad
 8/11/2021 9:28:57 PM

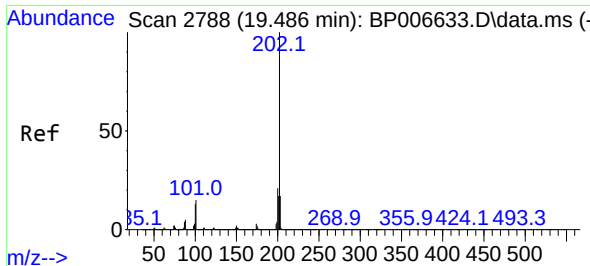


#80
 Fluoranthene
 Concen: 17.073 ng/u1
 RT: 19.134 min Scan# 2728
 Delta R.T. -0.000 min
 Lab File: BP006643.D
 Acq: 11 Aug 2021 02:59



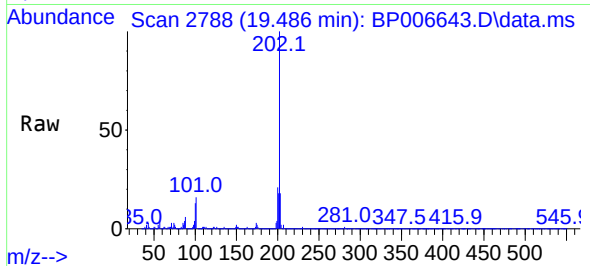
Tgt Ion:202 Resp: 977331
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.0 16.6
 100 10.1 8.7 13.1





#82
Pyrene
Concen: 13.487 ng/ul
RT: 19.486 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

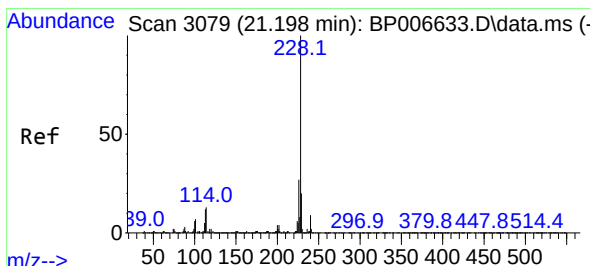
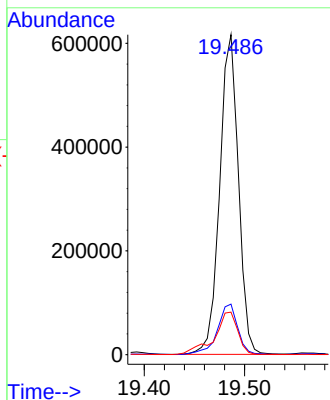
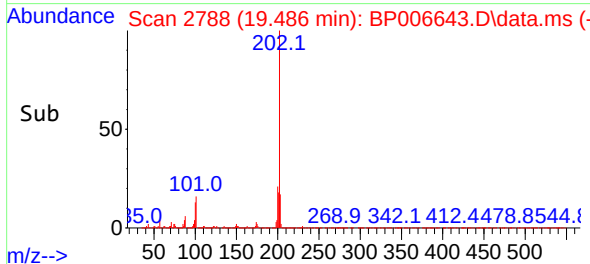
Instrument :
BNA_P
ClientSampled :
C00C4



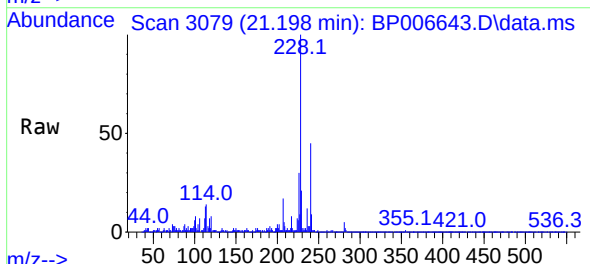
Tgt Ion:202 Resp: 797409
Ion Ratio Lower Upper
202 100
101 15.8 12.1 18.1
100 13.3 10.6 16.0

Manual Integrations
APPROVED

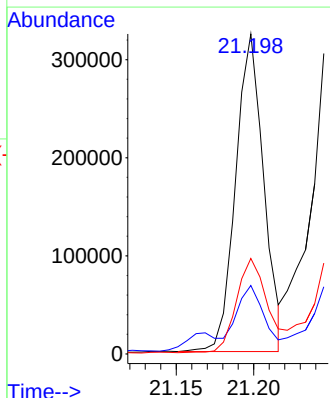
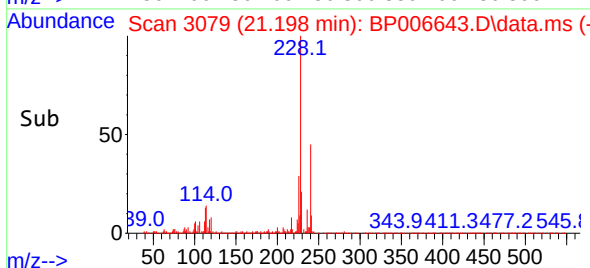
mohammad
8/11/2021 9:28:57 PM

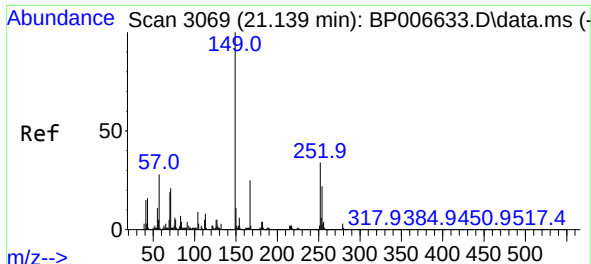


#85
Benzo(a)anthracene
Concen: 7.219 ng/ul
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

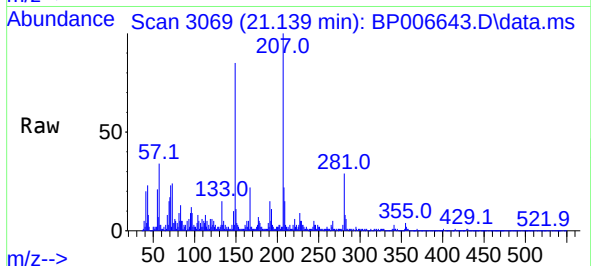


Tgt Ion:228 Resp: 407774
Ion Ratio Lower Upper
228 100
229 21.4 15.3 22.9
226 29.9 21.2 31.8

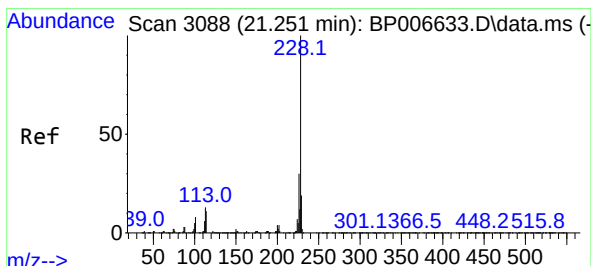
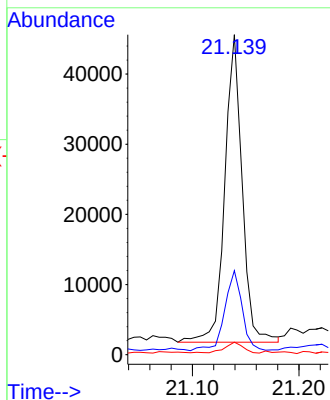
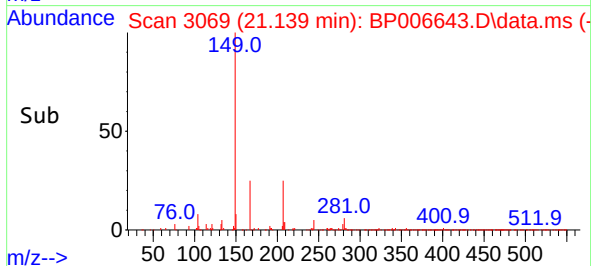




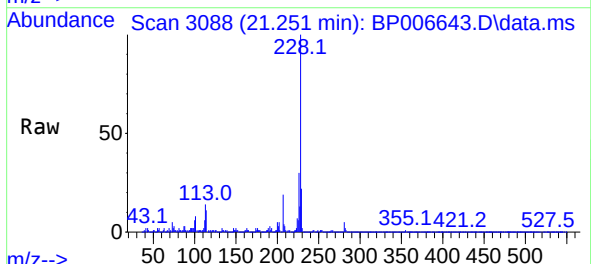
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.098 ng/ul
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59



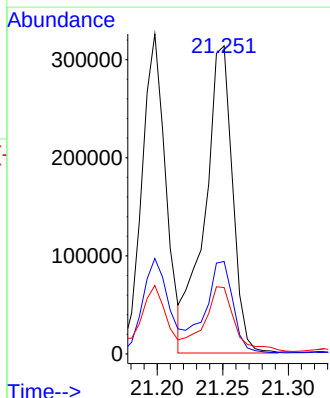
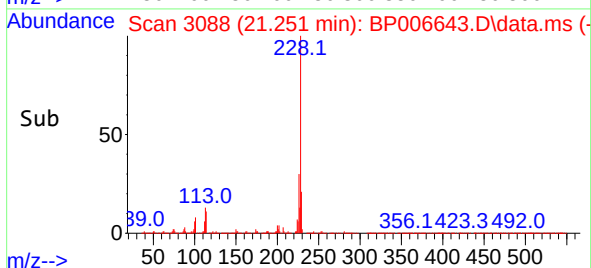
Tgt Ion:149 Resp: 49478
Ion Ratio Lower Upper
149 100
167 26.3 20.0 30.0
279 3.9 2.9 4.3



#87
Chrysene
Concen: 8.502 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59



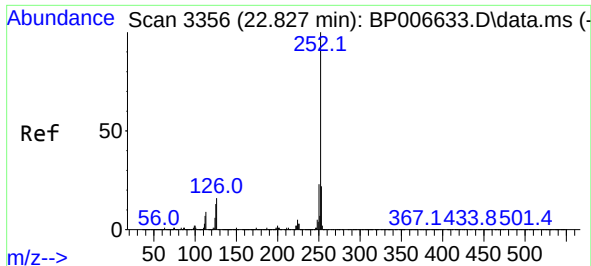
Tgt Ion:228 Resp: 463059
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 21.5 15.8 23.6



Instrument :
BNA_P
ClientSampled :
C00C4

Manual Integrations
APPROVED

mohammad
8/11/2021 9:28:57 PM



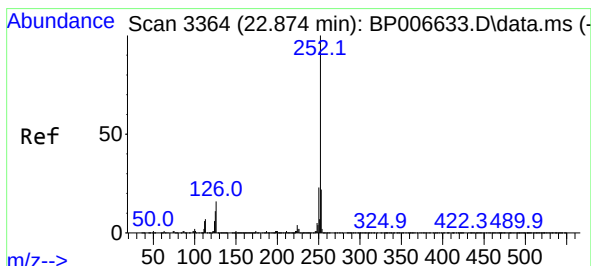
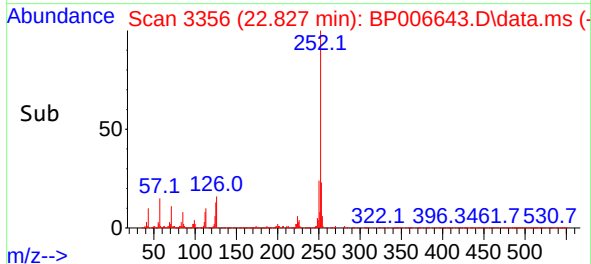
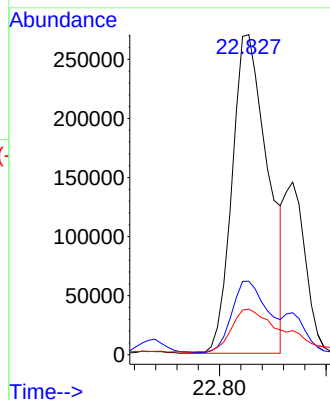
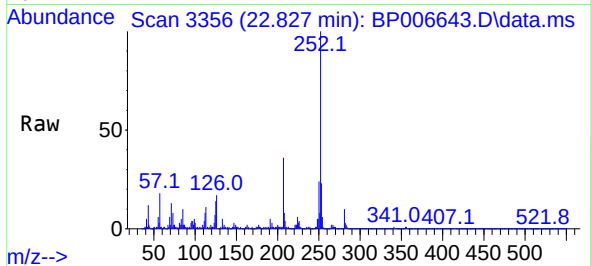
#90
Benzo(b)fluoranthene
Concen: 10.782 ng/ul
RT: 22.827 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

Tgt Ion:252 Resp: 632433
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 14.3 10.3 15.5

Instrument :
BNA_P
ClientSampled :
C00C4

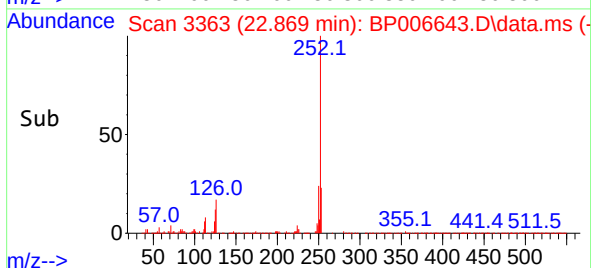
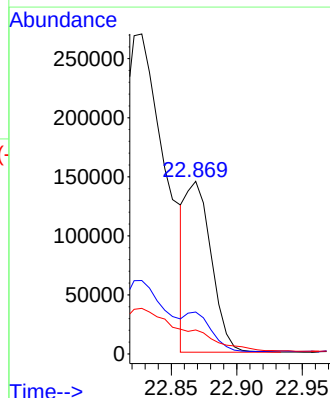
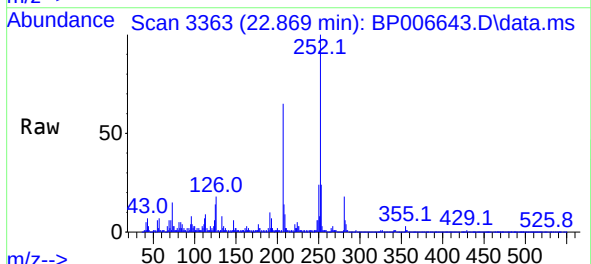
Manual Integrations
APPROVED

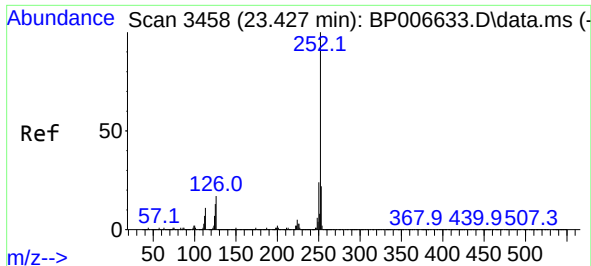
mohammad
8/11/2021 9:28:57 PM



#91
Benzo(k)fluoranthene
Concen: 3.452 ng/ul m
RT: 22.869 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

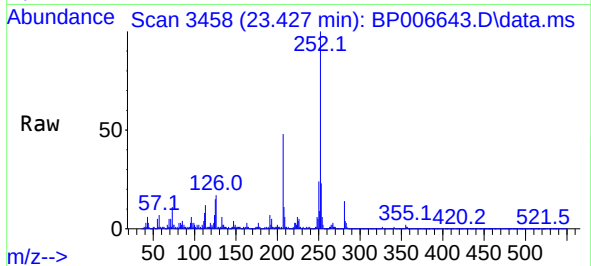
Tgt Ion:252 Resp: 196028
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 13.9 10.4 15.6





#93
Benzo(a)pyrene
Concen: 7.053 ng/ul
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

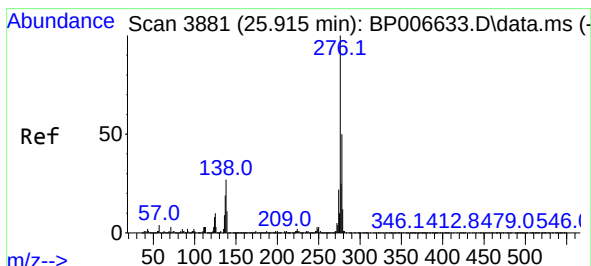
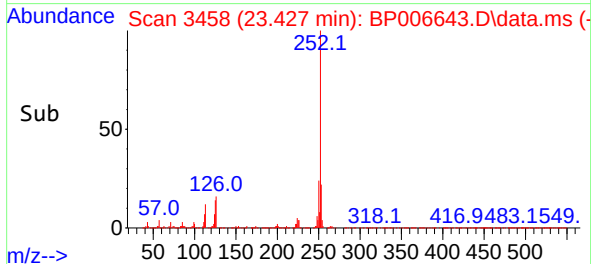
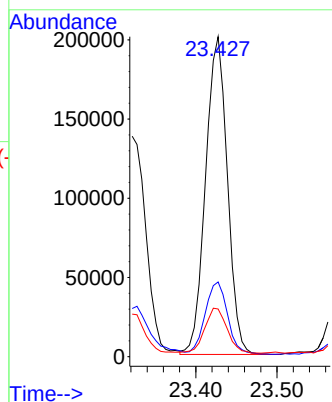
Instrument :
BNA_P
ClientSampled :
C00C4



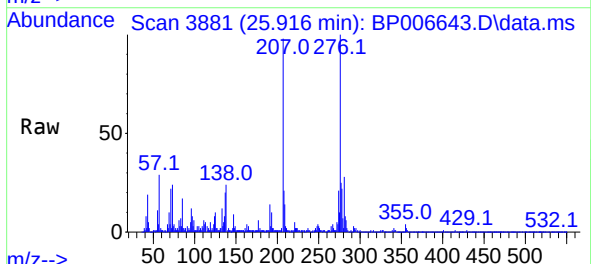
Tgt Ion:252 Resp: 374769
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 14.9 10.6 16.0

Manual Integrations
APPROVED

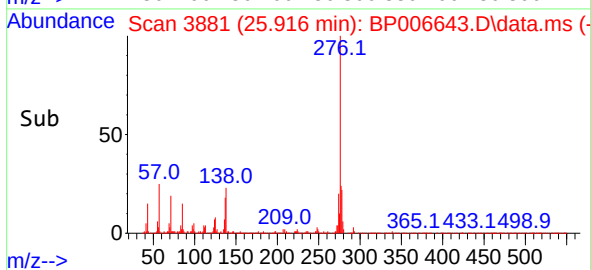
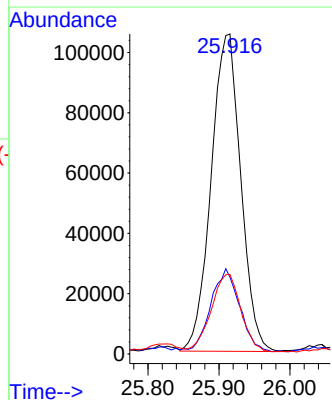
mohammad
8/11/2021 9:28:57 PM

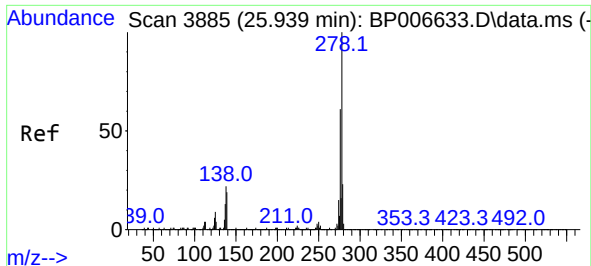


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.388 ng/ul
RT: 25.916 min Scan# 3881
Delta R.T. -0.012 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59

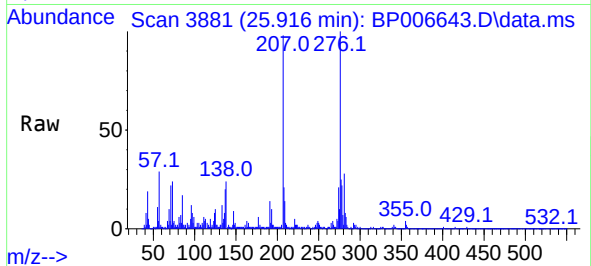


Tgt Ion:276 Resp: 304849
Ion Ratio Lower Upper
276 100
138 24.0 23.0 34.4
277 24.9 20.0 30.0

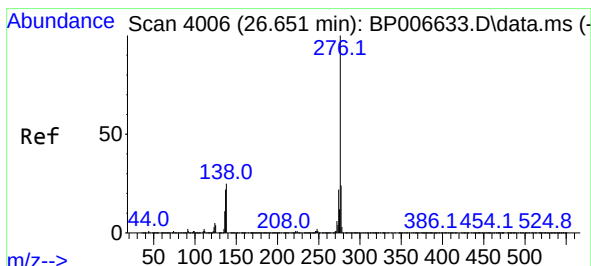
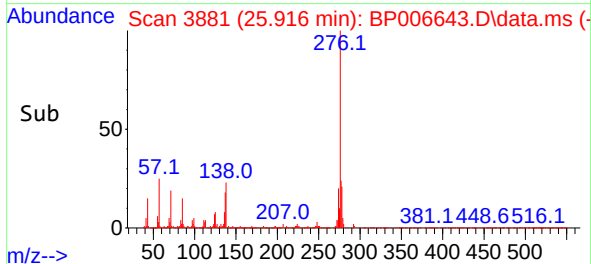
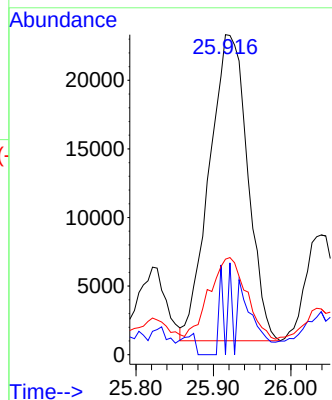




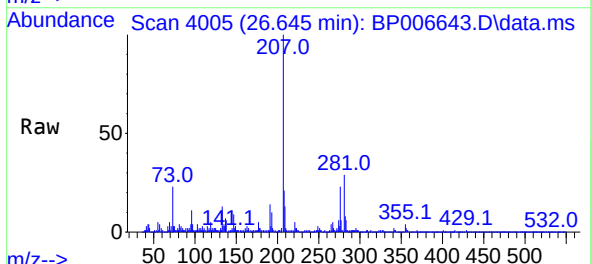
#95
Dibenzo(a,h)anthracene
Concen: 1.314 ng/ul
RT: 25.916 min Scan# 3881
Delta R.T. -0.029 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59



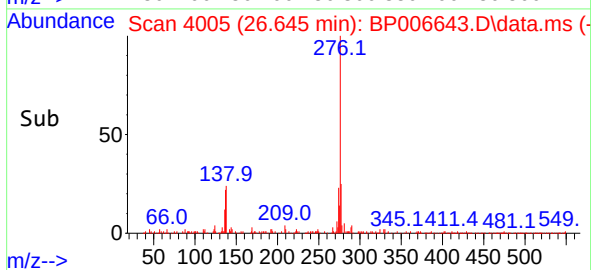
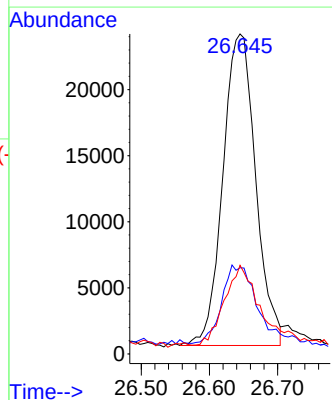
Tgt Ion: 278 Resp: 76693
Ion Ratio Lower Upper
278 100
139 0.0 14.4 21.6#
279 29.8 19.1 28.7#



#96
Benzo(g,h,i)perylene
Concen: 1.369 ng/ul
RT: 26.645 min Scan# 4005
Delta R.T. -0.012 min
Lab File: BP006643.D
Acq: 11 Aug 2021 02:59



Tgt Ion: 276 Resp: 78973
Ion Ratio Lower Upper
276 100
138 27.0 21.5 32.3
277 27.7 19.0 28.6



Instrument :
BNA_P
ClientSampled :
C00C4

Manual Integrations
APPROVED

mohammad
8/11/2021 9:28:57 PM