

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006646.D
 Acq On : 11 Aug 2021 04:41
 Operator : CG/JU
 Sample : M3182-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00D9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:29:15 PM

Quant Time: Aug 11 05:22:39 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	176486	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	766690	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	423269	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	831285	20.000	ng/ul	0.00
79) Chrysene-d12	21.215	240	778140	20.000	ng/ul	0.00
88) Perylene-d12	23.527	264	818162	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	14019	2.687	ng/uL	0.00
4) Pyridine-d5	3.640	84	133772	8.918	ng/ul	0.00
7) Phenol-d5	6.898	99	244470	13.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	153281	14.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	193644	14.655	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	137919	9.730	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	95217	14.631	ng/ul	0.00
24) 2-Nitrophenol-d4	9.592	143	98676	14.490	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	161381	14.026	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	197174	10.544	ng/ul	0.00
46) Dimethylphthalate-d6	13.780	166	508194	15.656	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	636819	15.994	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	71529	10.550	ng/ul	0.00
60) Fluorene-d10	15.351	176	428080	16.215	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	41830	7.613	ng/ul	0.00
73) Anthracene-d10	17.210	188	631262	16.049	ng/ul	0.00
81) Pyrene-d10	19.457	212	728759	17.834	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.374	264	654201	14.828	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.157	178	142736	3.039	ng/ul	99
80) Fluoranthene	19.133	202	327409	6.375	ng/ul	97
82) Pyrene	19.486	202	265920	5.013	ng/ul	98
85) Benzo(a)anthracene	21.198	228	143749	2.836	ng/ul	94
87) Chrysene	21.251	228	147682	3.022	ng/ul	95
90) Benzo(b)fluoranthene	22.827	252	189171m	3.559	ng/ul	
91) Benzo(k)fluoranthene	22.868	252	61328	1.192	ng/ul#	92
93) Benzo(a)pyrene	23.421	252	111169	2.309	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.909	276	86095	1.368	ng/ul	95

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

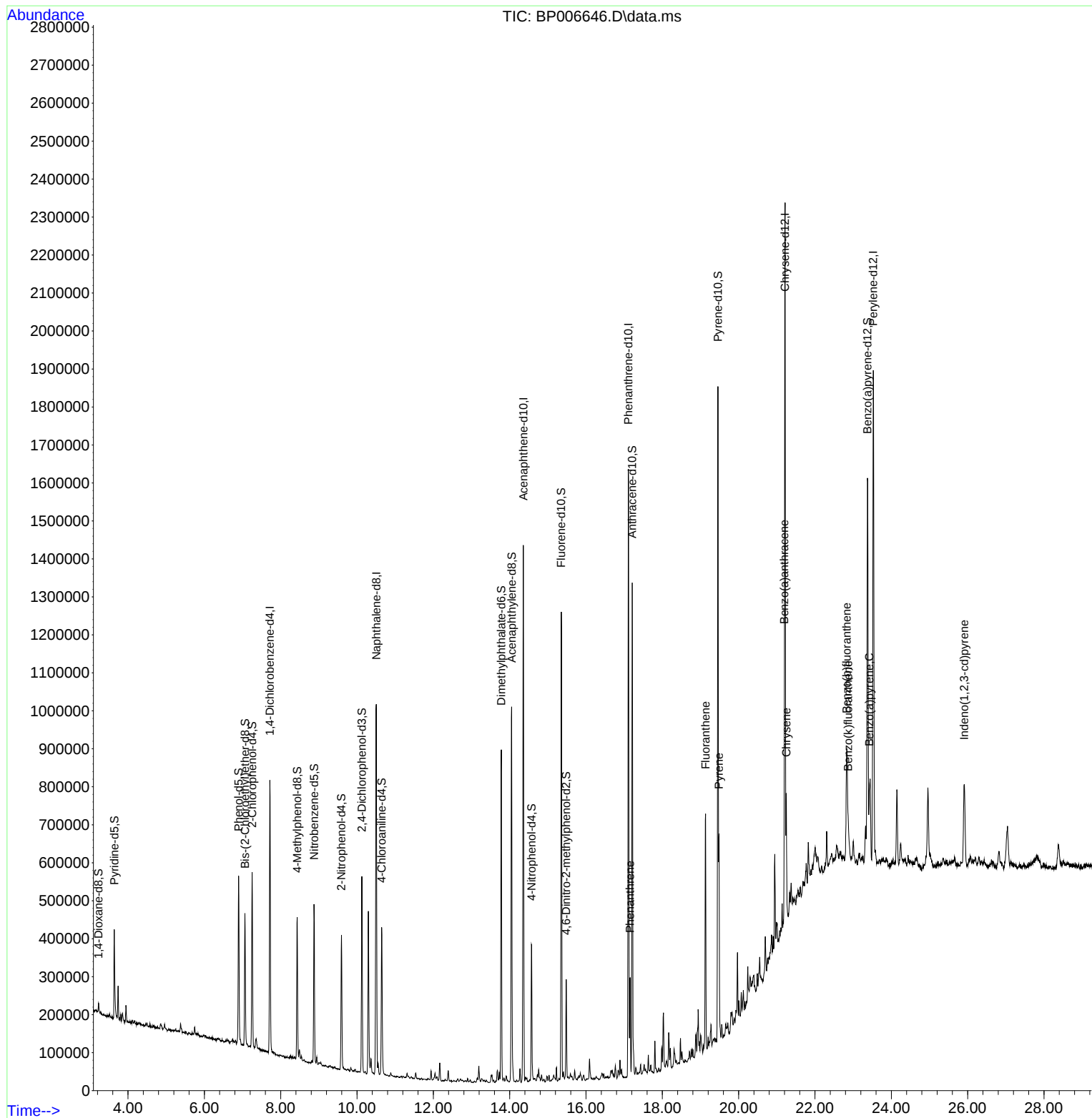
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
Data File : BP006646.D
Acq On : 11 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

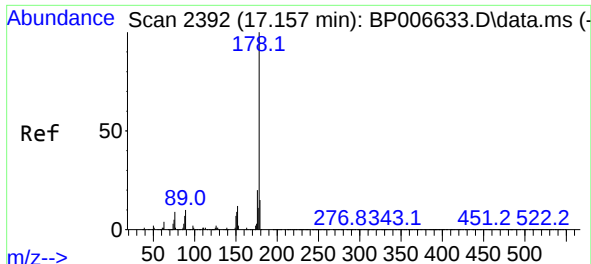
Instrument :
BNA_P
ClientSampleId :
C00D9

Manual Integrations
APPROVED

mohammad
8/11/2021 9:29:15 PM

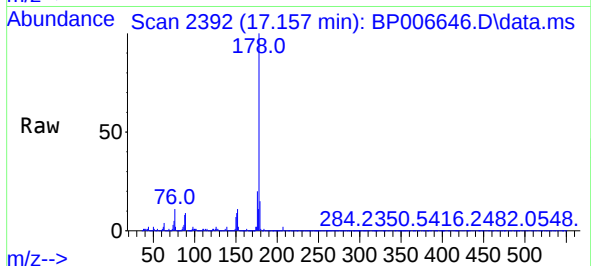
Quant Time: Aug 11 05:22:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 11 02:03:57 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.039 ng/ul
RT: 17.157 min Scan# 2392
Delta R.T. -0.001 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41

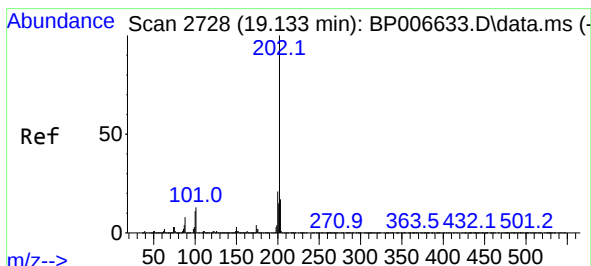
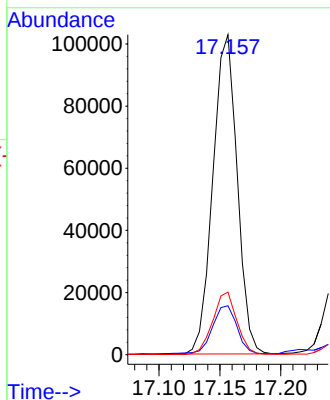
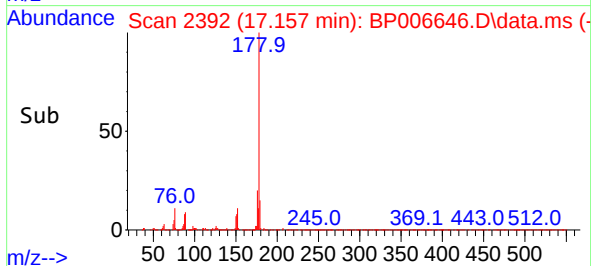
Instrument :
BNA_P
ClientSampled :
C00D9



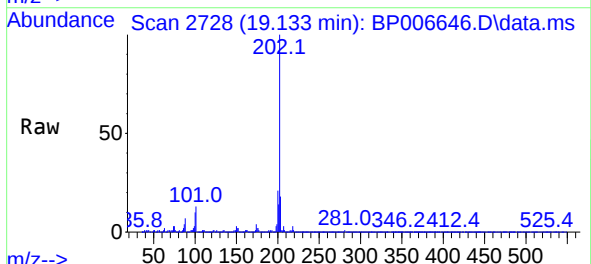
Tgt Ion:178 Resp: 142736
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.5 15.4 23.2

Manual Integrations
APPROVED

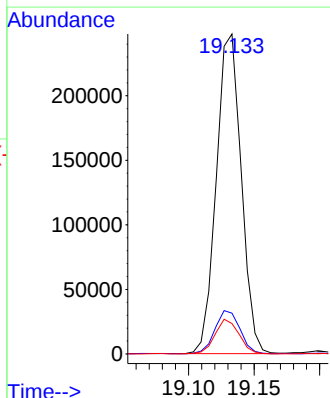
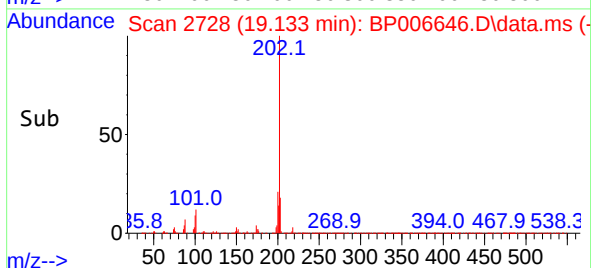
mohammad
8/11/2021 9:29:15 PM

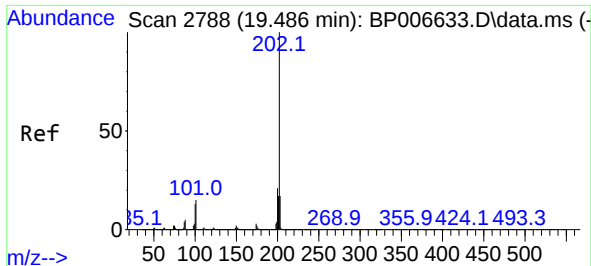


#80
Fluoranthene
Concen: 6.375 ng/ul
RT: 19.133 min Scan# 2728
Delta R.T. -0.001 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41



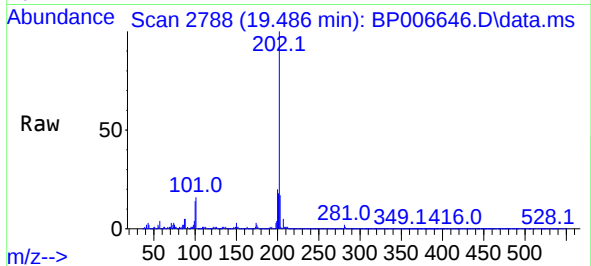
Tgt Ion:202 Resp: 327409
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.6
100 9.5 8.7 13.1





#82
Pyrene
Concen: 5.013 ng/ul
RT: 19.486 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41

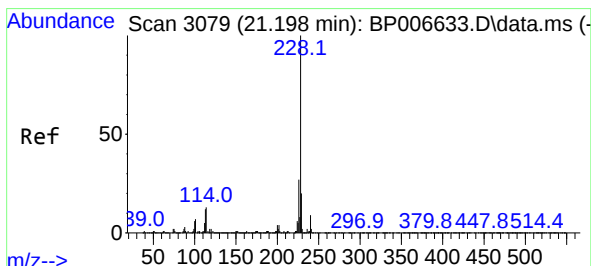
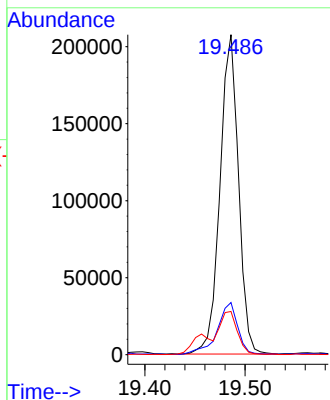
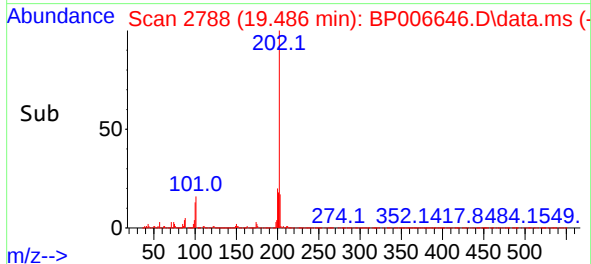
Instrument :
BNA_P
ClientSampled :
C00D9



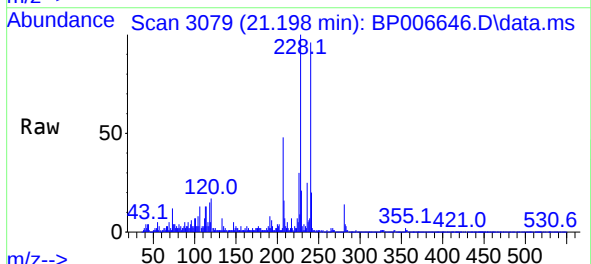
Tgt Ion:202 Resp: 265920
Ion Ratio Lower Upper
202 100
101 16.3 12.1 18.1
100 13.5 10.6 16.0

Manual Integrations
APPROVED

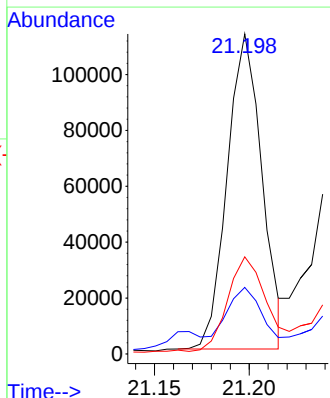
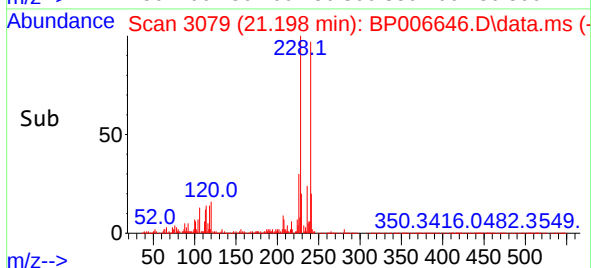
mohammad
8/11/2021 9:29:15 PM

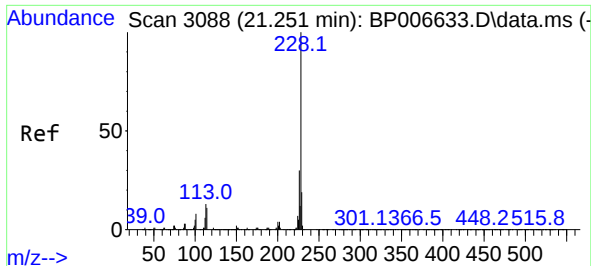


#85
Benzo(a)anthracene
Concen: 2.836 ng/ul
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41



Tgt Ion:228 Resp: 143749
Ion Ratio Lower Upper
228 100
229 20.8 15.3 22.9
226 30.3 21.2 31.8





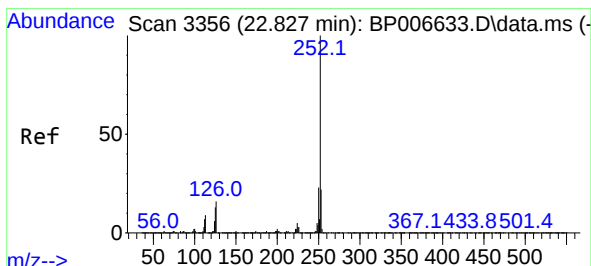
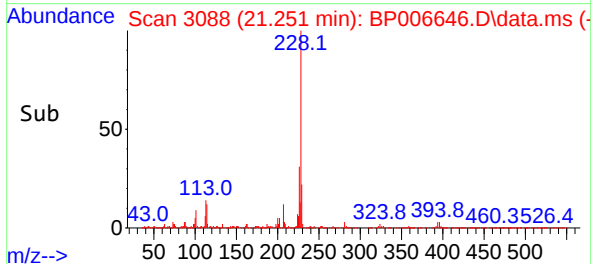
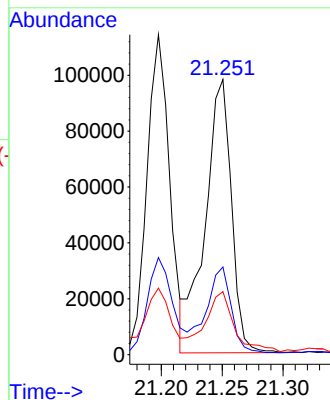
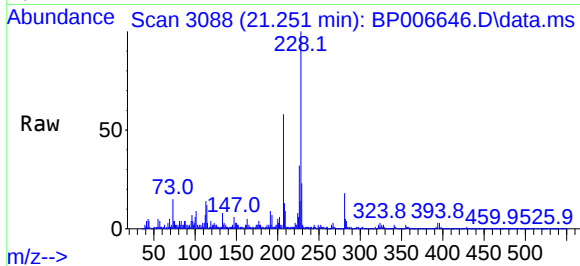
#87
Chrysene
Concen: 3.022 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. -0.001 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41

Tgt Ion:	228	Resp:	147682
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.2	36.2
229	22.9	15.8	23.6

Instrument :
BNA_P
ClientSampled :
C00D9

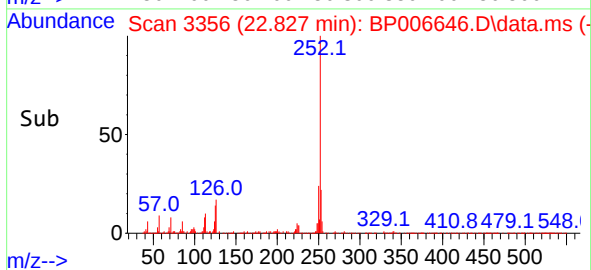
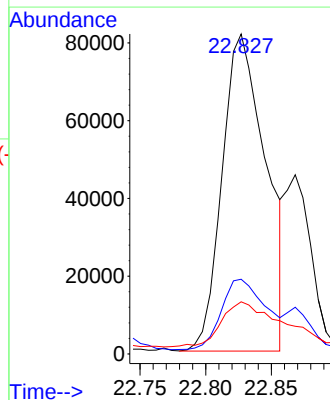
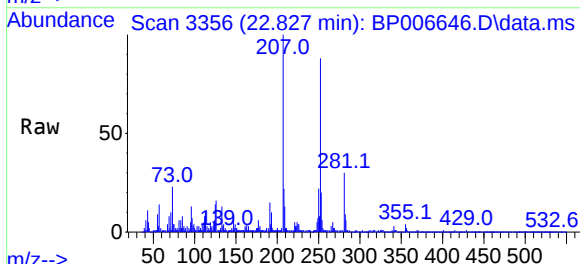
Manual Integrations
APPROVED

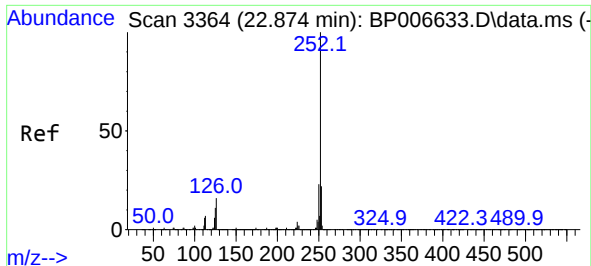
mohammad
8/11/2021 9:29:15 PM



#90
Benzo(b)fluoranthene
Concen: 3.559 ng/ul m
RT: 22.827 min Scan# 3356
Delta R.T. -0.001 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41

Tgt Ion:	252	Resp:	189171
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	16.3	10.3	15.5





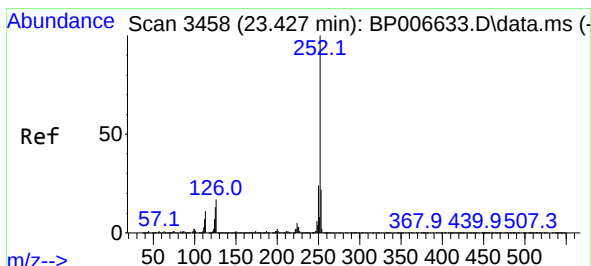
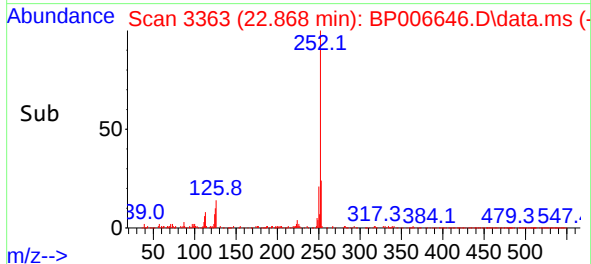
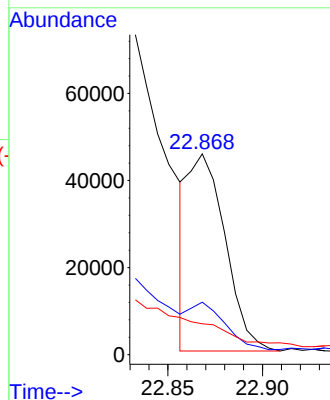
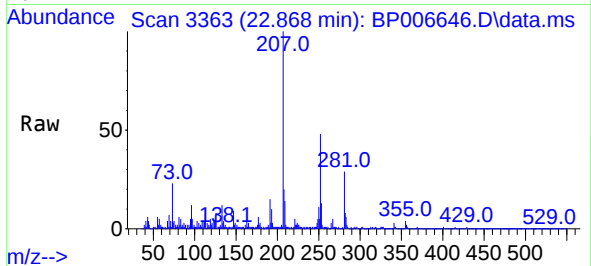
#91
Benzo(k)fluoranthene
Concen: 1.192 ng/u1
RT: 22.868 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41

Tgt Ion:252 Resp: 61328
Ion Ratio Lower Upper
252 100
253 26.1 17.3 25.9#
125 15.4 10.4 15.6

Instrument :
BNA_P
ClientSampled :
C00D9

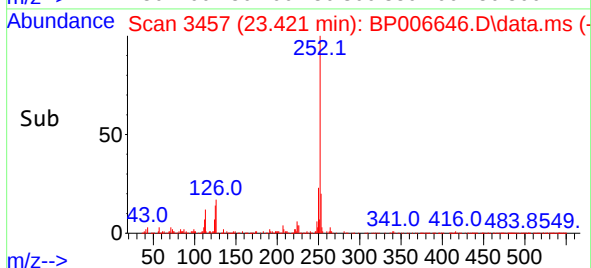
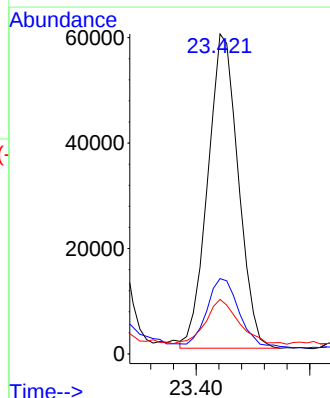
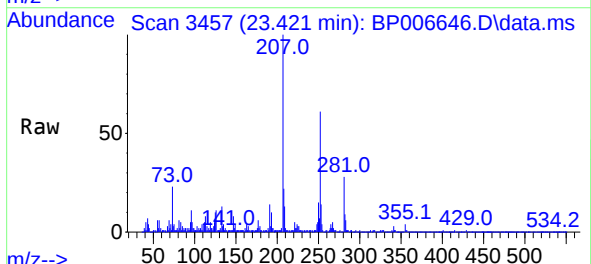
Manual Integrations
APPROVED

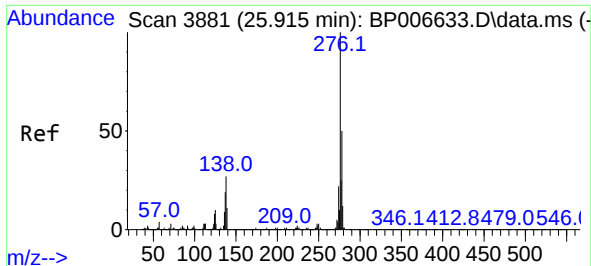
mohammad
8/11/2021 9:29:15 PM



#93
Benzo(a)pyrene
Concen: 2.309 ng/u1
RT: 23.421 min Scan# 3457
Delta R.T. -0.012 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41

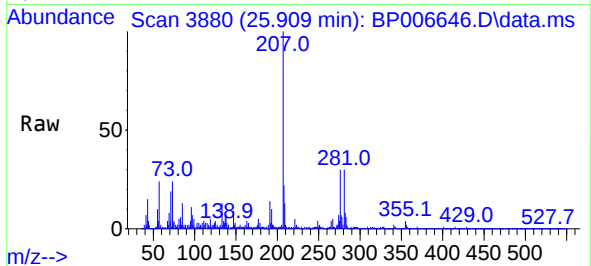
Tgt Ion:252 Resp: 111169
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 17.1 10.6 16.0#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.368 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.018 min
Lab File: BP006646.D
Acq: 11 Aug 2021 04:41

Instrument :
BNA_P
ClientSampleId :
C00D9



Tgt Ion: 276 Resp: 86095
Ion Ratio Lower Upper
276 100
138 24.4 23.0 34.4
277 24.3 20.0 30.0

Manual Integrations
APPROVED

mohammad
8/11/2021 9:29:15 PM

