

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021349.D
 Acq On : 02 Jul 2019 18:48
 Operator : HP/JU
 Sample : K3594-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BE1

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:04 PM

Quant Time: Jul 05 04:22:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 01:09:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	200626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	906394	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	560596	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1152520	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	863899	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1031747	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	3108	0.74	ng/uL	0.00
5) Phenol-d5	6.92	99	64731	3.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	35033	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	51131	3.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	57897	3.97	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	25165	3.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	27366	3.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	60636	3.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	71932	4.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	230016	4.54	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	222653	3.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	14392	1.75	ng/ul	0.00
57) Fluorene-d10	15.39	176	179371	4.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	9189	1.30	ng/ul	0.00
70) Anthracene-d10	17.24	188	258792	4.32	ng/ul	0.00
78) Pyrene-d10	19.54	212	279204	5.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	296574	4.87	ng/ul	0.00

Target Compounds

					Ovalue
69) Phenanthrene	17.19	178	141069	2.213 ng/ul	98
76) Fluoranthene	19.20	202	349460	5.074 ng/ul	99
79) Pyrene	19.57	202	285131	4.669 ng/ul	99
82) Benzo(a)anthracene	21.31	228	131089	2.226 ng/ul	99
84) Chrysene	21.36	228	168621	3.057 ng/ul	99
87) Benzo(b)fluoranthene	22.91	252	241975	3.702 ng/ul#	97
88) Benzo(k)fluoranthene	22.96	252	85754m	1.364 ng/ul	
90) Benzo(a)pyrene	23.50	252	142387	2.315 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.89	276	121568	1.678 ng/ul	95
93) Benzo(g,h,i)perylene	26.59	276	107587	1.803 ng/ul	97

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

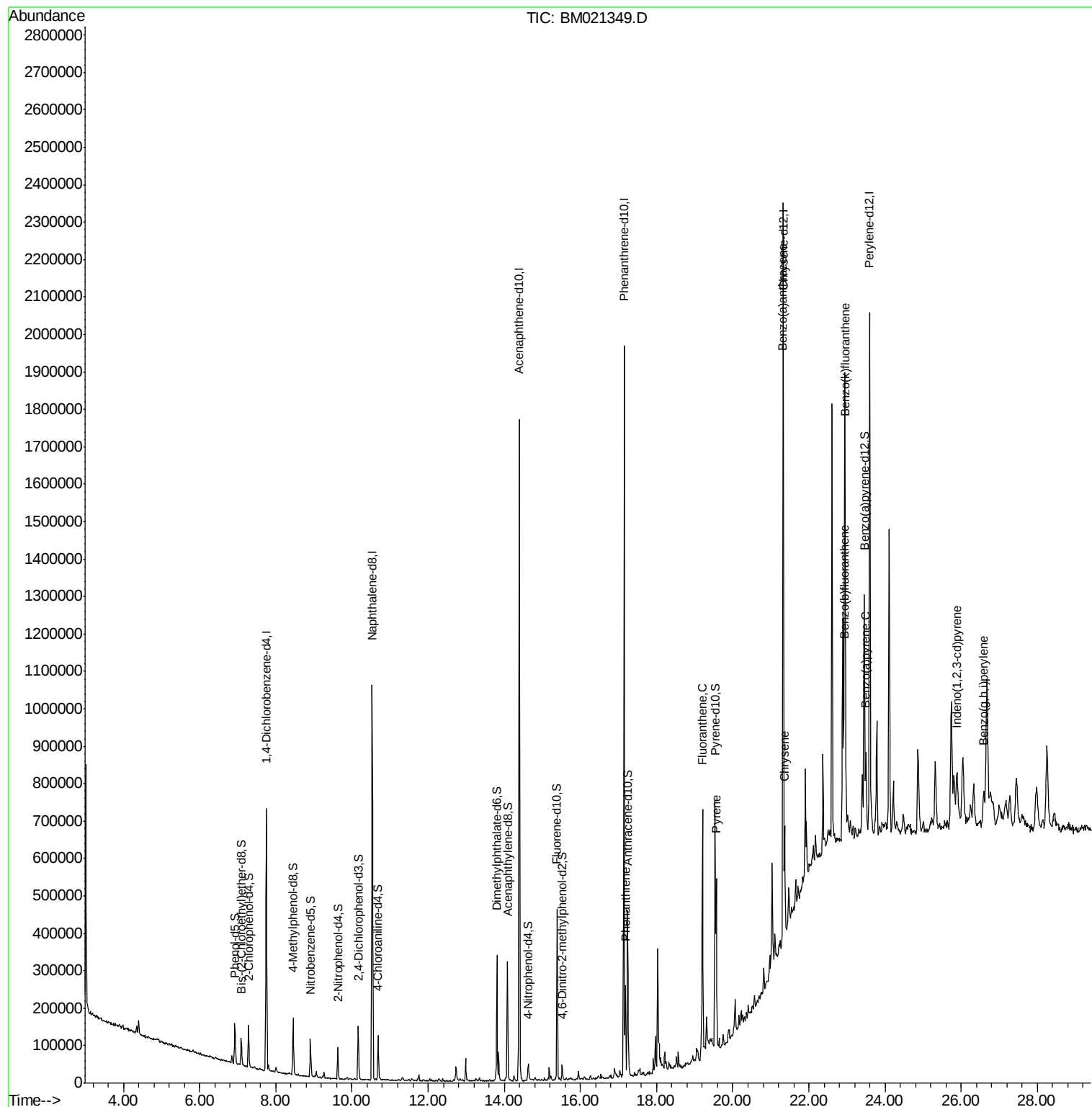
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021349.D
Acq On : 02 Jul 2019 18:48
Operator : HP/JU
Sample : K3594-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

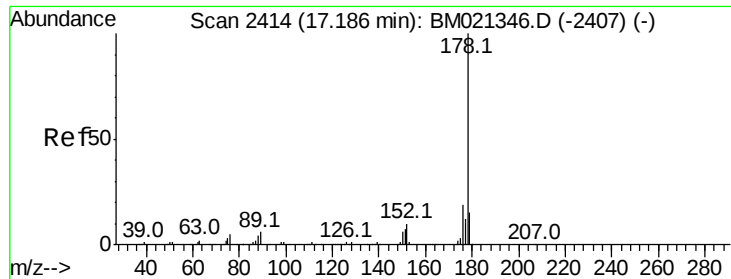
Instrument :
BNA_M
ClientSampleId :
C5BE1

Quant Time: Jul 05 04:22:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:09:29 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:04 PM





#69

Phenanthrene

Concen: 2.213 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

Instrument :

BNA_M

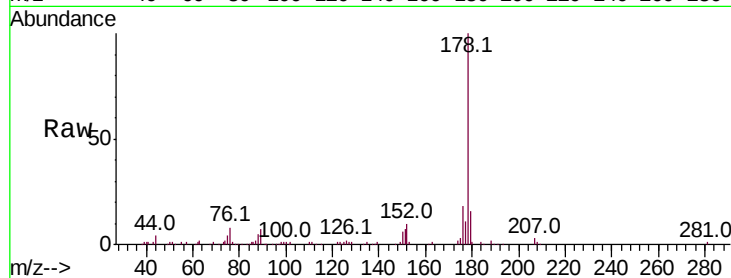
ClientSampleId :

C5BE1

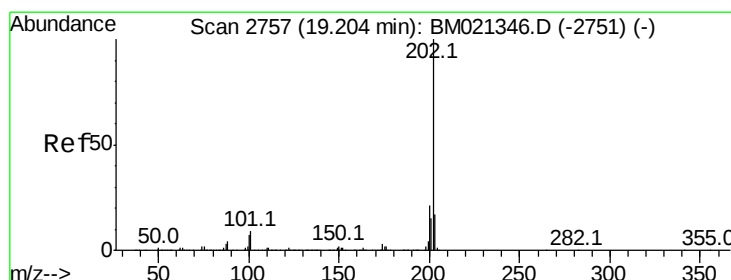
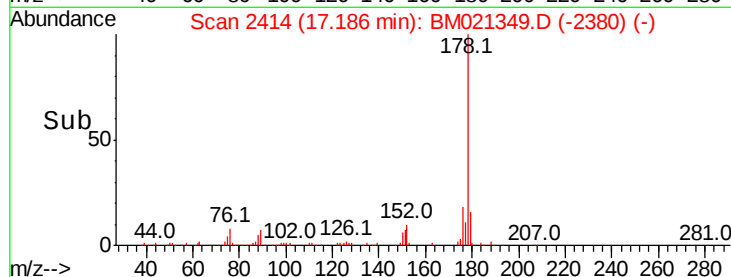
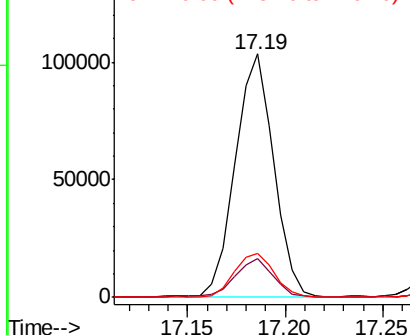
Tot Ion:178	Resp:	141069
Ion Ratio	Lower	Upper
178	100	
179	16.0	11.8 17.8
176	18.0	15.0 22.6

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:04 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 5.074 ng/ul

RT: 19.20 min Scan# 2757

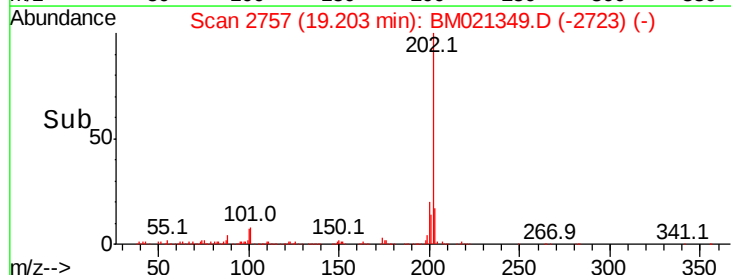
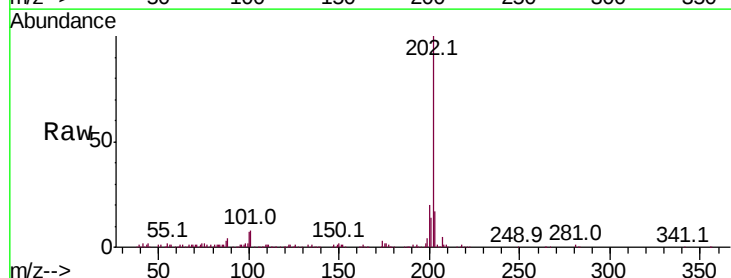
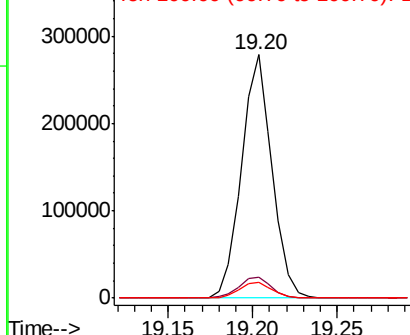
Delta R.T. -0.00 min

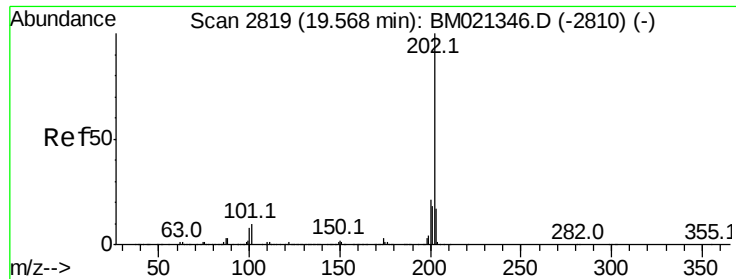
Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

Tgt Ion:202	Resp:	349460
Ion Ratio	Lower	Upper
202	100	
101	8.5	6.7 10.1
100	6.6	5.5 8.3

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E





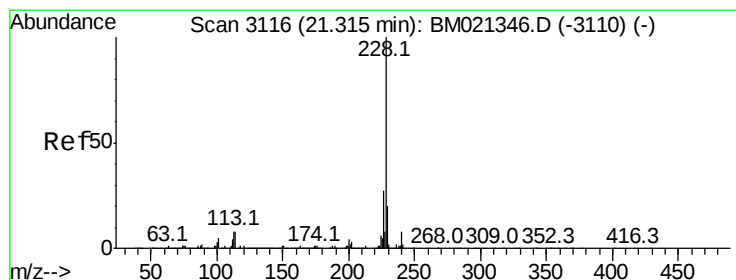
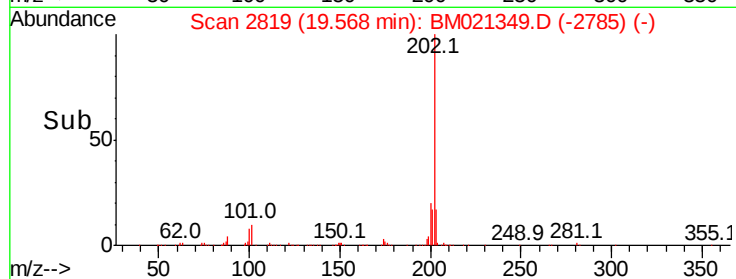
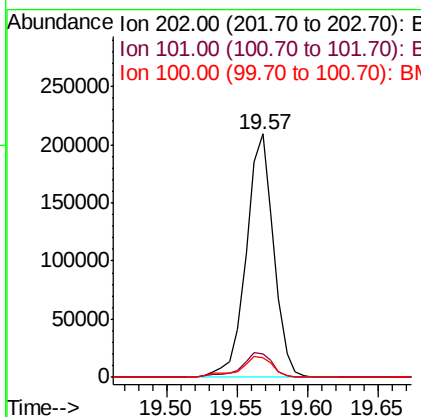
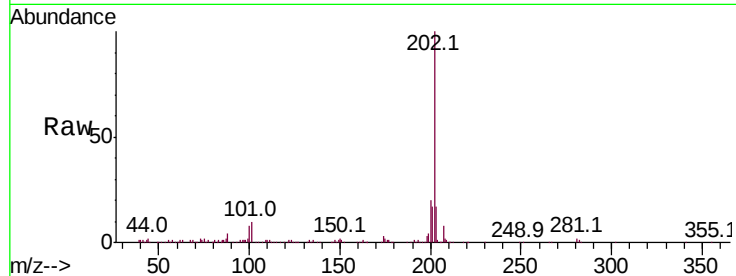
#79
Pvrene
Concen: 4.669 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021349.D
Acq: 02 Jul 2019 18:48

Instrument :
BNA_M
ClientSampled :
C5BE1

Tot Ion:	202	Resp:	285131
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.1	12.1
100	8.0	6.6	10.0

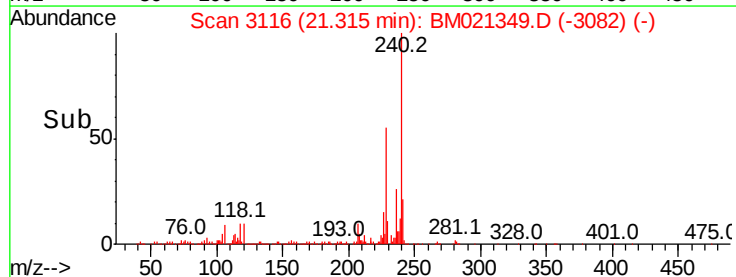
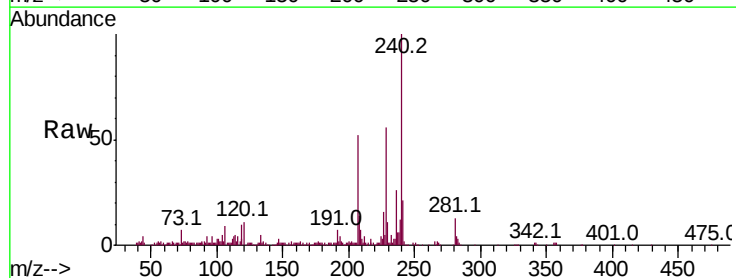
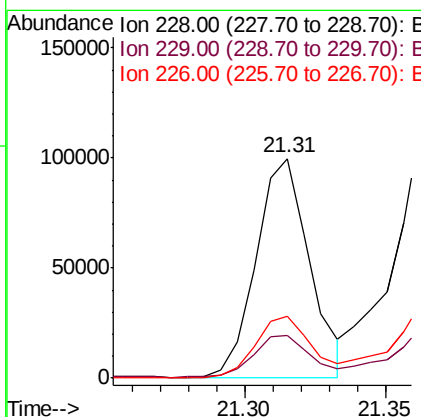
Manual Integrations
APPROVED

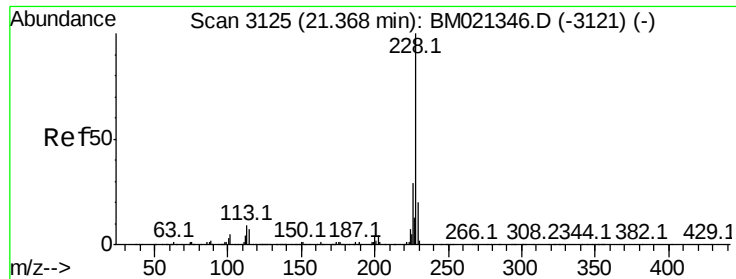
mohammad
7/3/2019 10:51:04 PM



#82
Benzo(a)anthracene
Concen: 2.226 ng/ul
RT: 21.31 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM021349.D
Acq: 02 Jul 2019 18:48

Tgt Ion:	228	Resp:	131089
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.8	23.8
226	28.0	21.4	32.2





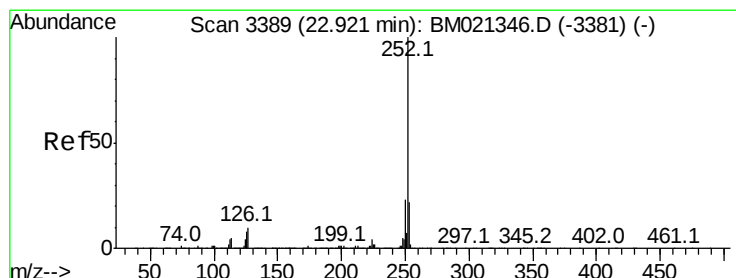
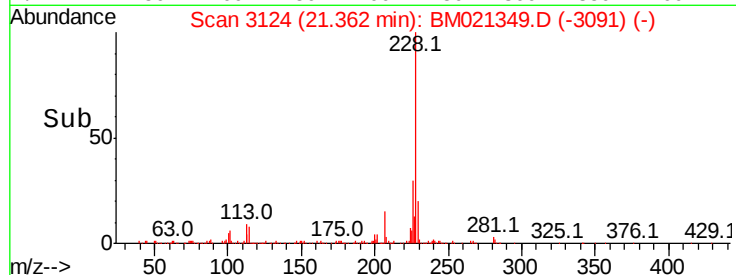
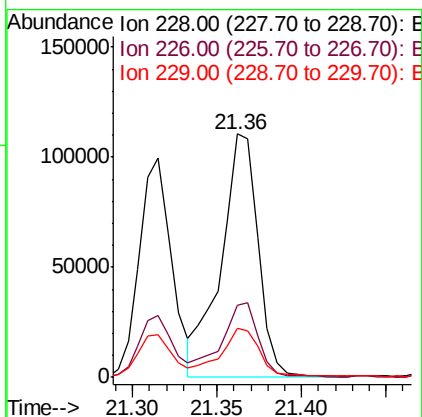
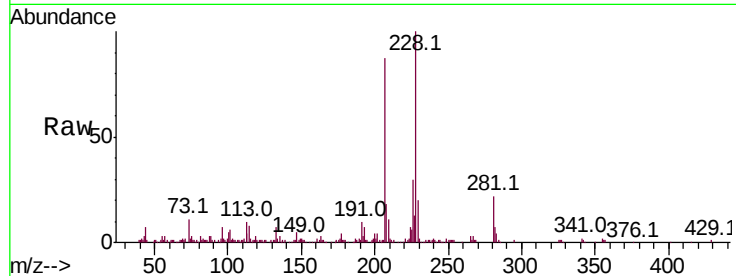
#84
Chrysene
Concen: 3.057 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM021349.D
Acq: 02 Jul 2019 18:48

Instrument :
BNA_M
ClientSampled :
C5BE1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	20.3	15.4	23.2

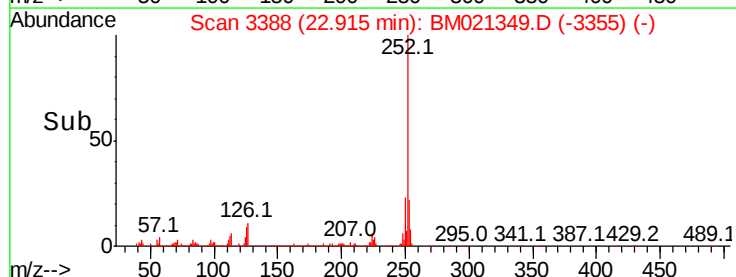
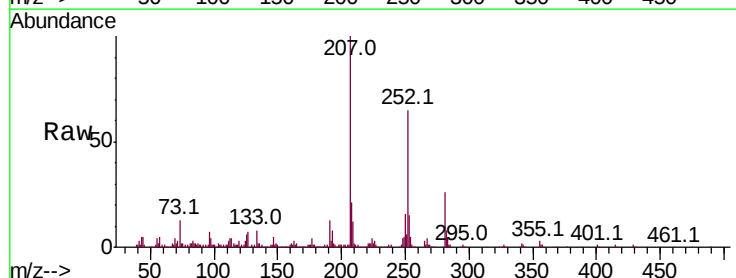
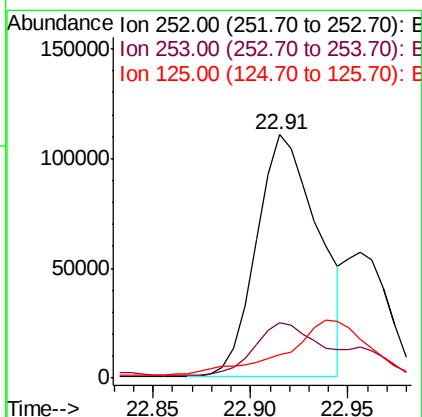
Manual Integrations
APPROVED

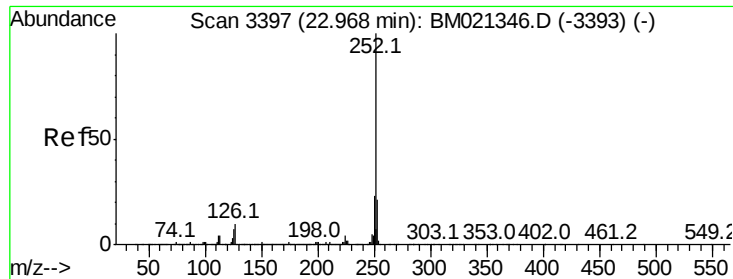
mohammad
7/3/2019 10:51:04 PM



#87
Benzo(b)fluoranthene
Concen: 3.702 ng/ul
RT: 22.91 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BM021349.D
Acq: 02 Jul 2019 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.9	6.3	9.5#





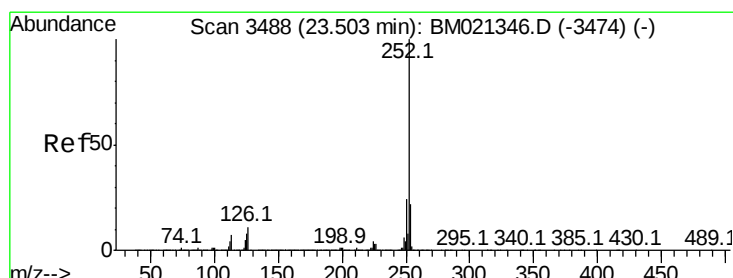
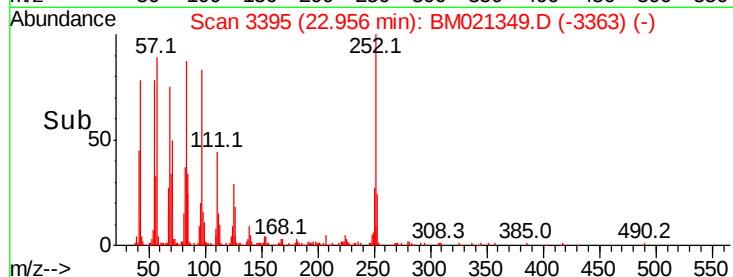
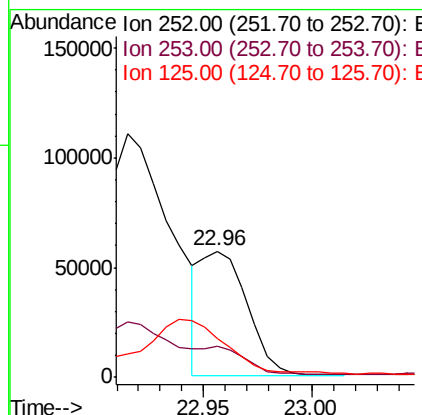
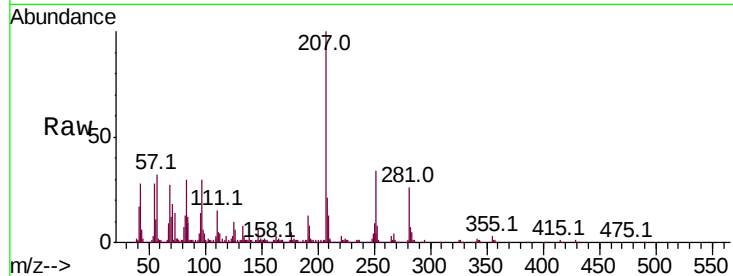
#88
Benzo(k)fluoranthene
Concen: 1.364 ng/ul m
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM021349.D
Acq: 02 Jul 2019 18:48

Instrument :
BNA_M
ClientSampled :
C5BE1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	31.2	6.6	9.8#

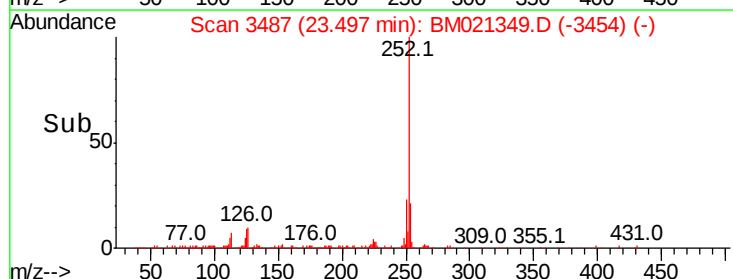
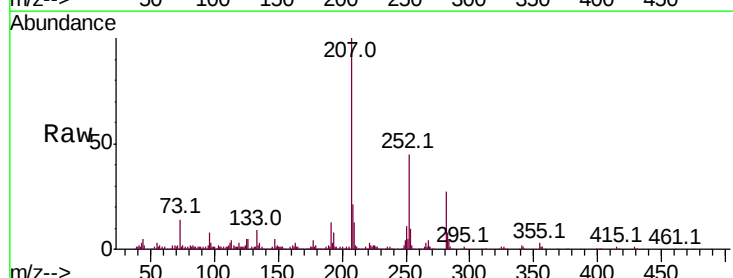
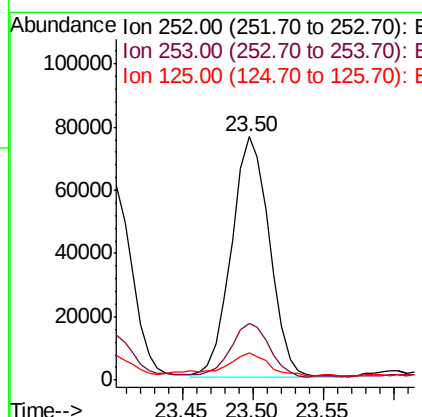
Manual Integrations
APPROVED

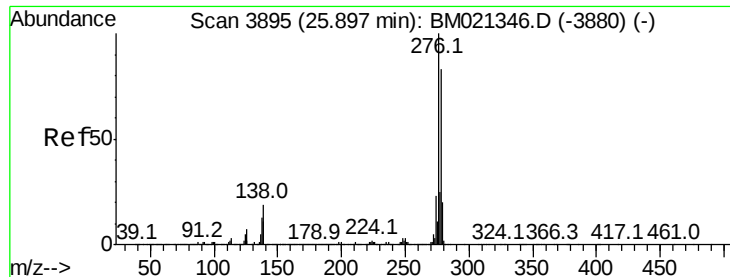
mohammad
7/3/2019 10:51:04 PM



#90
Benzo(a)pyrene
Concen: 2.315 ng/ul
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM021349.D
Acq: 02 Jul 2019 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.3	7.2	10.8#





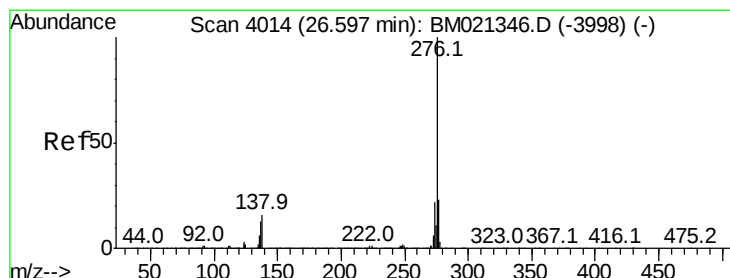
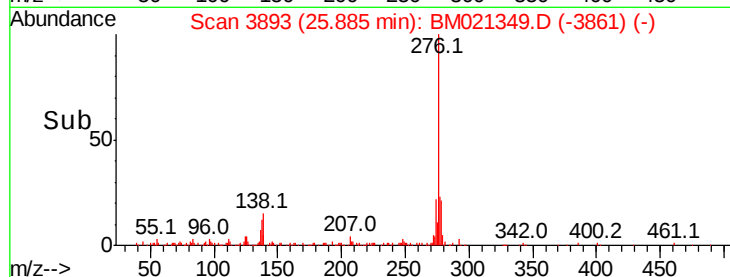
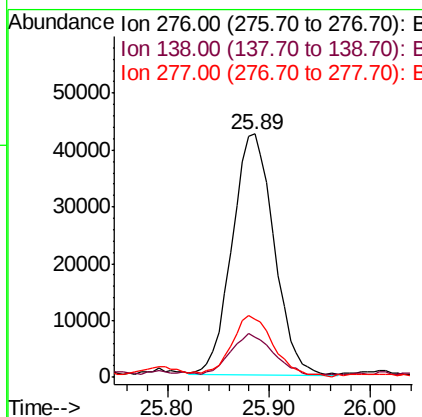
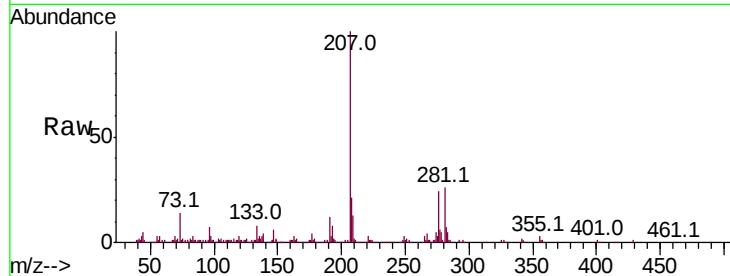
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.678 ng/ul
 RT: 25.89 min Scan# 3893
 Delta R.T. -0.01 min
 Lab File: BM021349.D
 Acq: 02 Jul 2019 18:48

Instrument :
 BNA_M
 ClientSampled :
 C5BE1

Tot Ion:	276	Resp:	121568
Ion Ratio	Lower	Upper	
276	100		
138	16.5	15.9	23.9
277	23.7	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:04 PM



#93
 Benzo(g,h,i)perylene
 Concen: 1.803 ng/ul
 RT: 26.59 min Scan# 4012
 Delta R.T. -0.01 min
 Lab File: BM021349.D
 Acq: 02 Jul 2019 18:48

Tgt Ion:	276	Resp:	107587
Ion Ratio	Lower	Upper	
276	100		
138	18.5	14.6	21.8
277	26.1	18.9	28.3

