

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020489.D
 Acq On : 22 May 2019 08:55
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4259

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:03 AM

Quant Time: May 22 13:06:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	79132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	296505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	177957	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	440130	20.00	ng/ul	0.03
77) Chrysene-d12	21.66	240	471917m	20.00	ng/ul	0.33
85) Perylene-d12	24.76	264	529365m	20.00	ng/ul	1.16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9261	4.32	ng/uL	0.00
5) Phenol-d5	6.90	99	149405	23.67	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	89063	22.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	118481	25.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	100251	21.81	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	51273	26.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	58977	27.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	121511	27.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	38153	8.21	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	353708	27.63	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	442778	27.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	29827m	16.04	ng/ul	0.19
57) Fluorene-d10	15.38	176	321950	28.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	10786	4.30	ng/ul	0.08
70) Anthracene-d10	17.26	188	518291	27.45	ng/ul	0.04
78) Pyrene-d10	19.64	212	617379	27.16	ng/ul	0.11
89) Benzo(a)pyrene-d12	24.68	264	763189m	31.73	ng/ul	1.22

Target Compounds

					Ovalue
44) Dimethylphthalate	13.83	163	137790	10.879	ng/ul 98
69) Phenanthrene	17.20	178	55583	2.650	ng/ul 98
76) Fluoranthene	19.29	202	138202	5.217	ng/ul 97
79) Pyrene	19.67	202	123742m	4.369	ng/ul
82) Benzo(a)anthracene	21.64	228	75723m	2.666	ng/ul
84) Chrysene	21.66	228	77157m	2.842	ng/ul

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

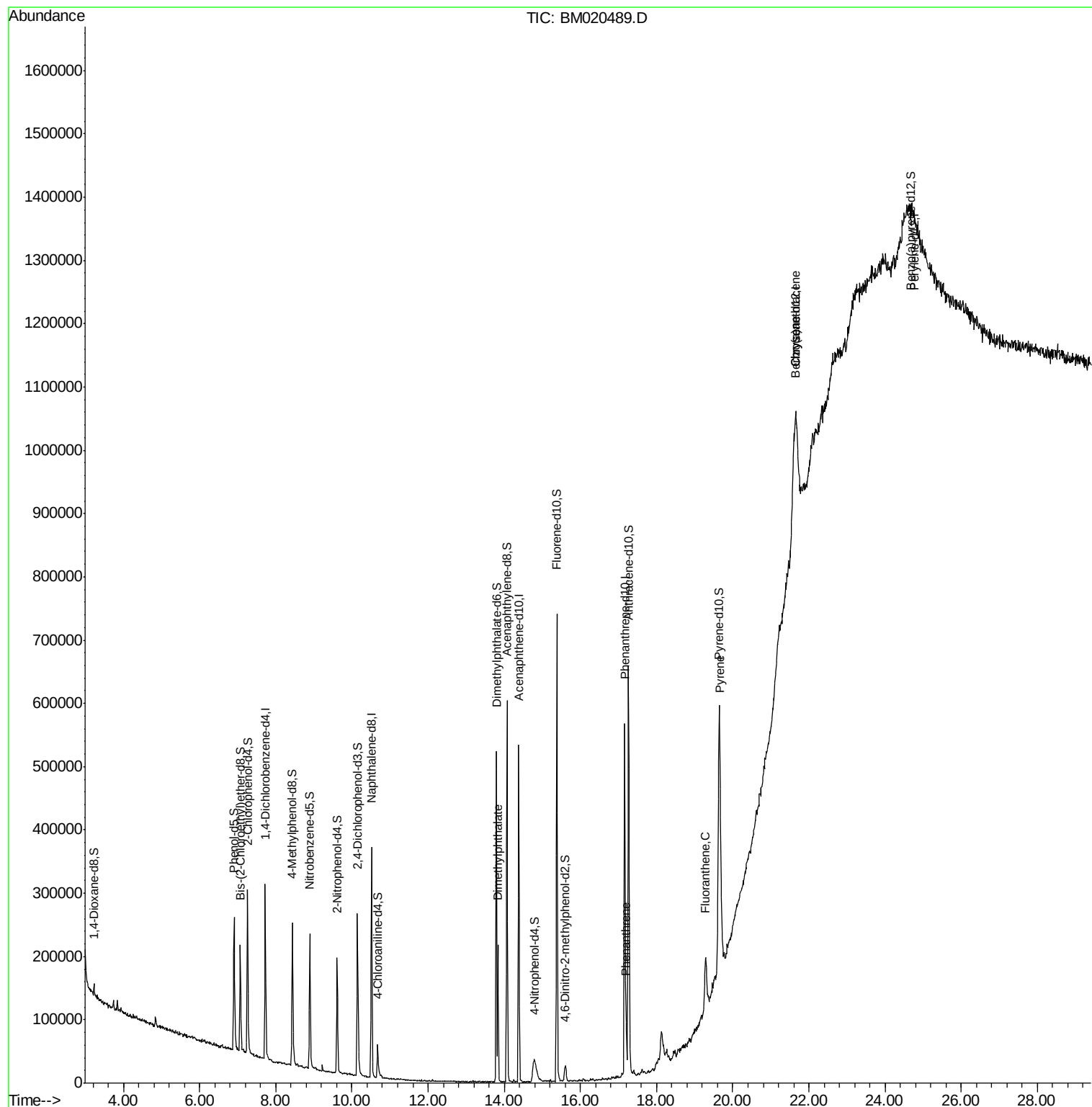
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020489.D
Acq On : 22 May 2019 08:55
Operator : JU/SJ
Sample : K2923-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

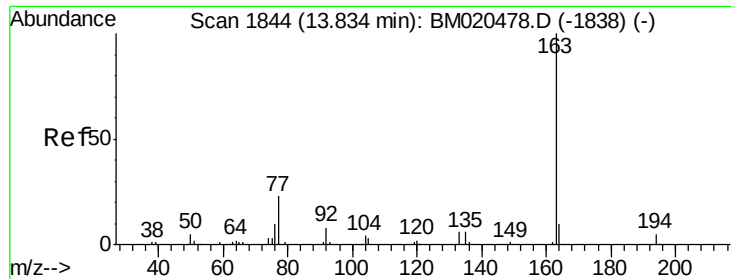
Instrument :
BNA_M
ClientSampleId :
A4259

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:03 AM

Quant Time: May 22 13:06:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration





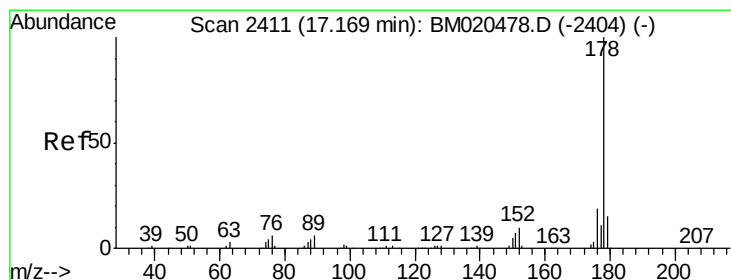
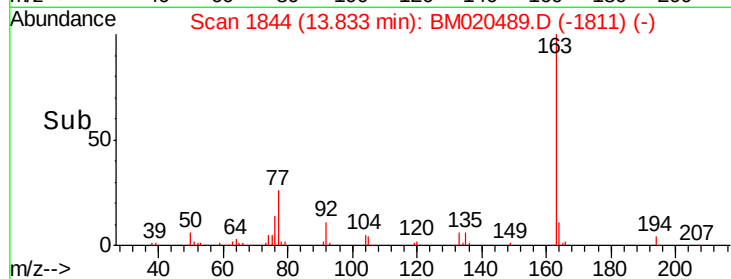
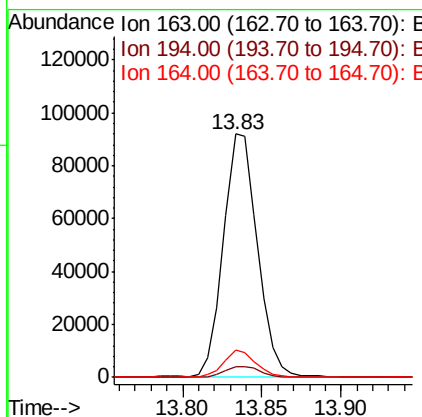
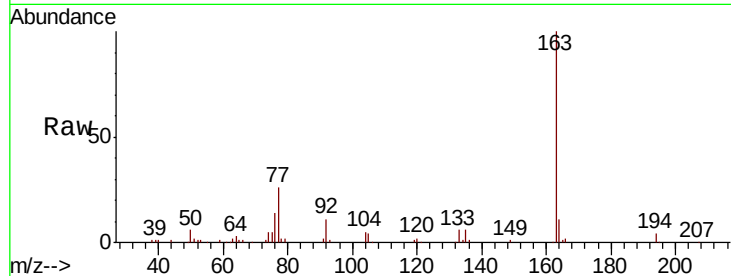
#44
Dimethylphthalate
Concen: 10.879 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020489.D
Acq: 22 May 2019 08:55

Instrument :
BNA_M
ClientSampleId :
A4259

Tot Ion:	163	Resp:	137790
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.3	4.9
164	11.0	8.0	12.0

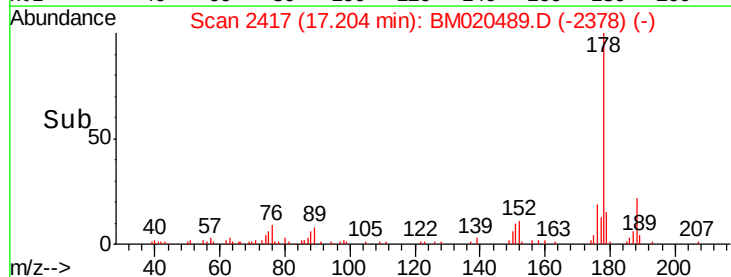
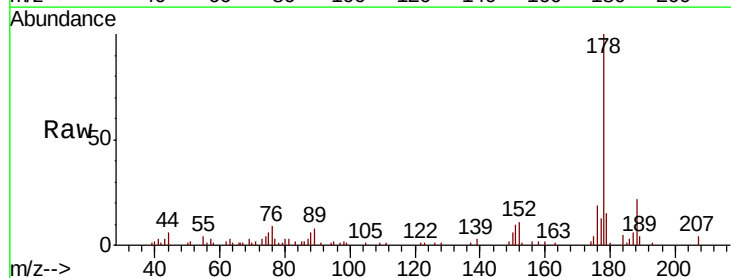
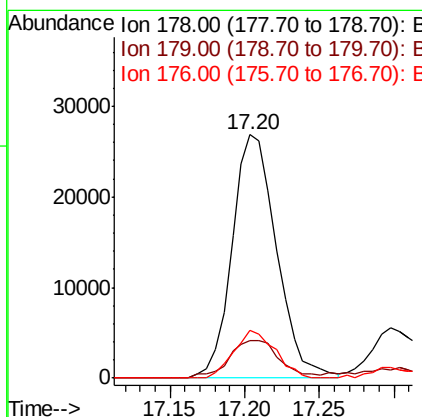
Manual Integrations
APPROVED

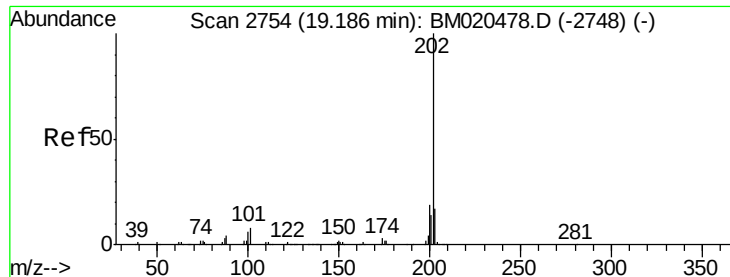
mohammad
5/23/2019 8:44:03 AM



#69
Phenanthrene
Concen: 2.650 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. 0.03 min
Lab File: BM020489.D
Acq: 22 May 2019 08:55

Tgt Ion:	178	Resp:	55583
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.9	17.9
176	19.4	14.6	22.0





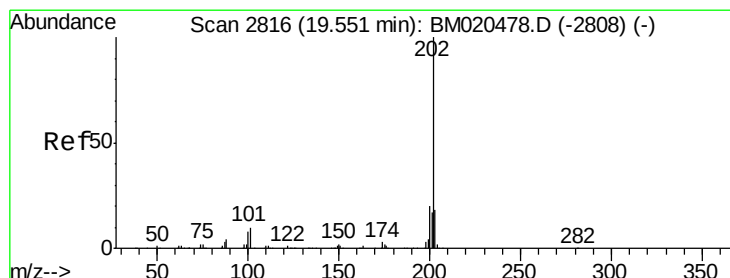
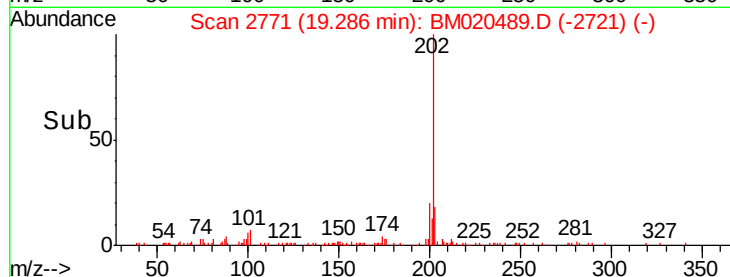
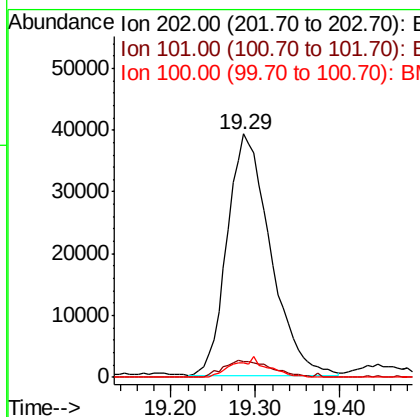
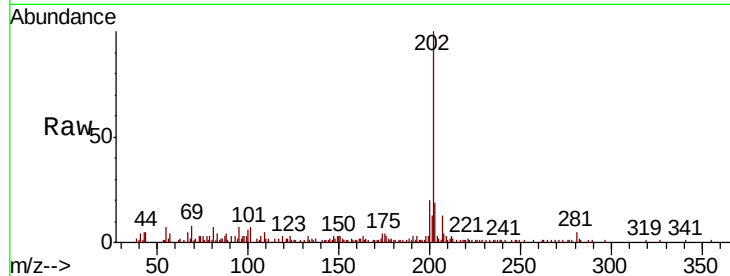
#76
 Fluoranthene
 Concen: 5.217 ng/ul
 RT: 19.29 min Scan# 2771
 Delta R.T. 0.09 min
 Lab File: BM020489.D
 Acq: 22 May 2019 08:55

Instrument :
 BNA_M
 ClientSampled :
 A4259

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	6.4	9.6
100	6.0	5.2	7.8

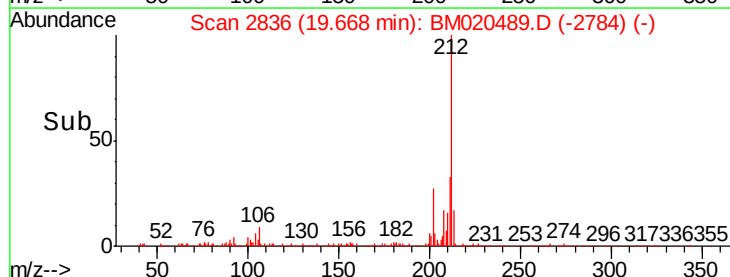
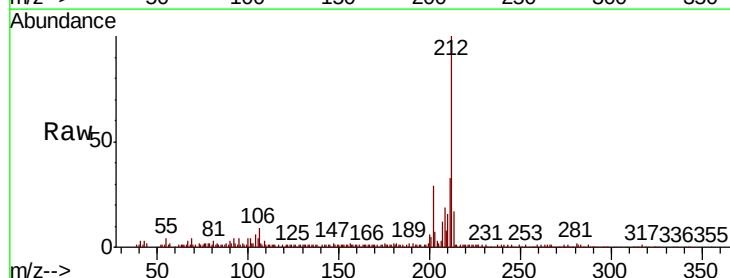
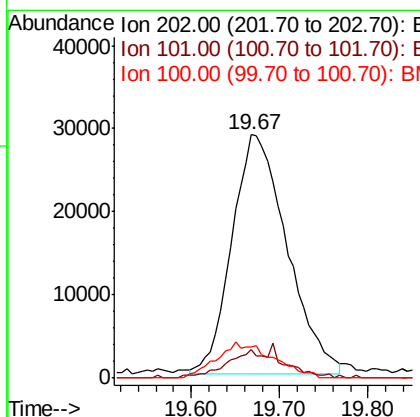
Manual Integrations
 APPROVED

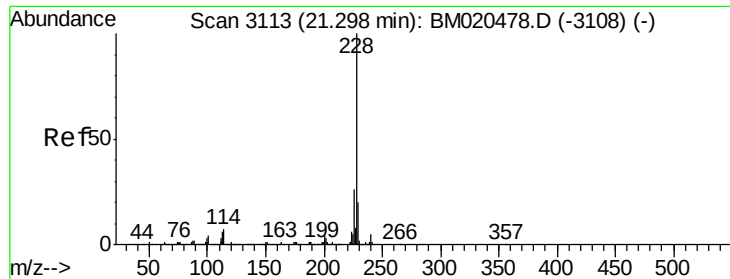
mohammad
 5/23/2019 8:44:03 AM



#79
 Pyrene
 Concen: 4.369 ng/ul m
 RT: 19.67 min Scan# 2836
 Delta R.T. 0.11 min
 Lab File: BM020489.D
 Acq: 22 May 2019 08:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	7.1	10.7#
100	13.0	5.9	8.9#





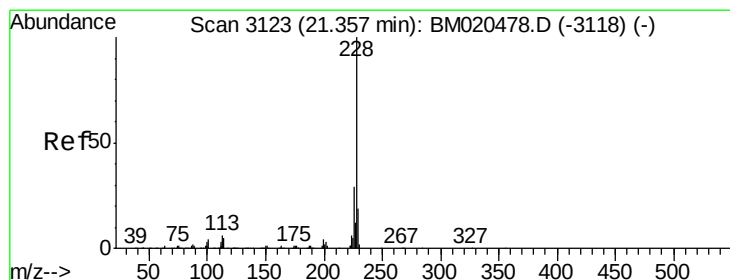
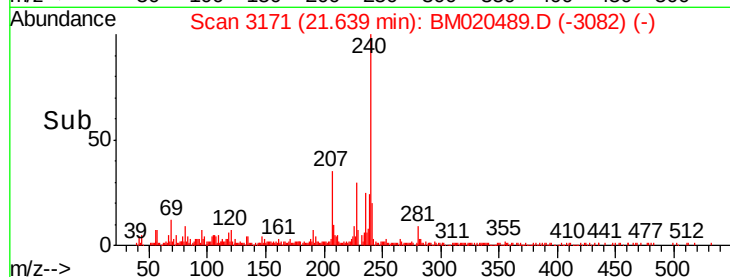
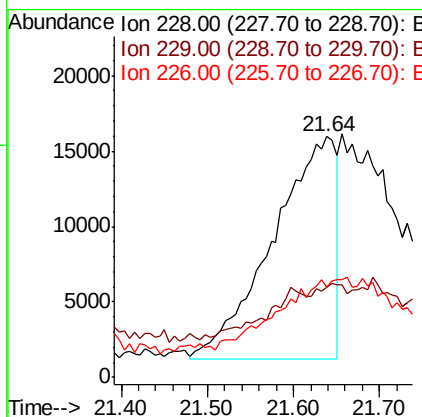
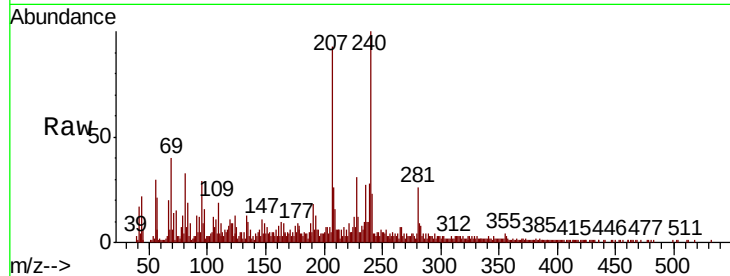
#82
Benzo(a)anthracene
Concen: 2.666 ng/ul m
RT: 21.64 min Scan# 3171
Delta R.T. 0.32 min
Lab File: BM020489.D
Acq: 22 May 2019 08:55

Instrument :
BNA_M
ClientSampleId :
A4259

Tot Ion	Ratio	Lower	Upper
228	100		
229	37.2	15.8	23.8#
226	37.4	20.6	30.8#

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:03 AM



#84
Chrysene
Concen: 2.842 ng/ul m
RT: 21.66 min Scan# 3174
Delta R.T. 0.29 min
Lab File: BM020489.D
Acq: 22 May 2019 08:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.0	22.2	33.4#
229	38.1	15.4	23.2#

