

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
 Data File : BN009825.D
 Acq On : 22 Feb 2020 01:40
 Operator : CG/JU
 Sample : L1535-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Q9

Manual Integrations
 APPROVED

mohammad
 2/24/2020 4:48:20 PM

Quant Time: Feb 22 03:13:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 22:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	117598	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	506244	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	323289	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	673061	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	592637	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	639196	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2030	0.71	ng/uL	0.00
5) Phenol-d5	6.60	99	37619	3.76	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	30662	4.44	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.94	132	32422	4.31	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	25067	3.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	14240	3.84	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	15611	3.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.79	165	30049m	3.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	37212	4.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	109366	4.53	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	121403	4.27	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.32	143	7406m	1.68	ng/ul	0.02
58) Fluorene-d10	15.04	176	97356	4.67	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	6502	1.56	ng/ul	0.00
71) Anthracene-d10	16.89	188	140816	4.56	ng/ul	-0.02
79) Pyrene-d10	19.19	212	167397	5.40	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	161027	5.04	ng/ul	-0.03

Target Compounds

				Ovalue	
70) Phenanthrene	16.83	178	71611	1.864	ng/ul 97
77) Fluoranthene	18.86	202	126225	2.805	ng/ul# 95
80) Pyrene	19.22	202	117447	2.749	ng/ul 99
83) Benzo(a)anthracene	20.99	228	61510	1.510	ng/ul 98
85) Chrysene	21.04	228	62452	1.558	ng/ul 97
88) Benzo(b)fluoranthene	22.49	252	83280	2.010	ng/ul# 94
91) Benzo(a)pyrene	23.01	252	51784	1.389	ng/ul# 95

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

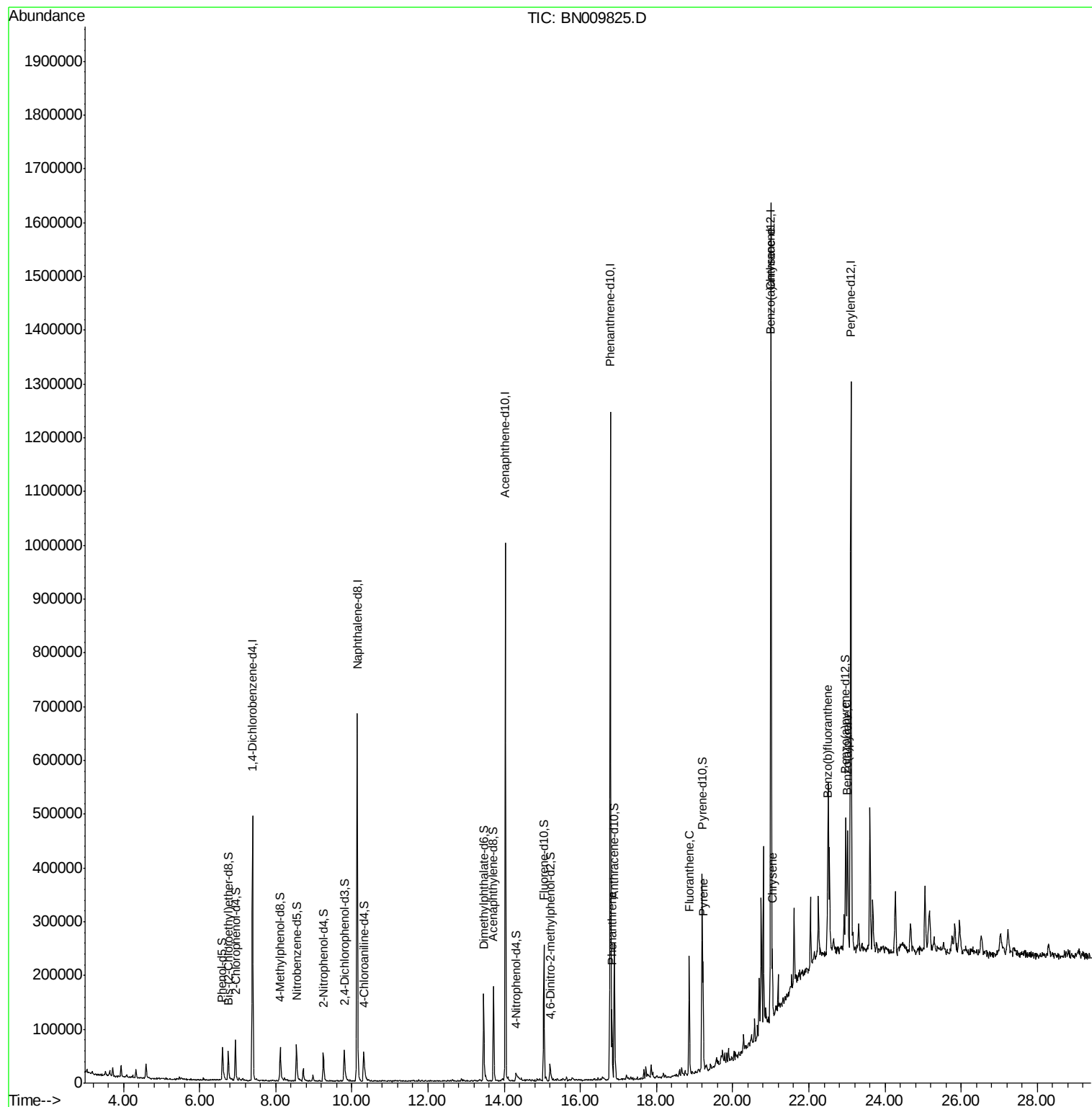
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009825.D
Acq On : 22 Feb 2020 01:40
Operator : CG/JU
Sample : L1535-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

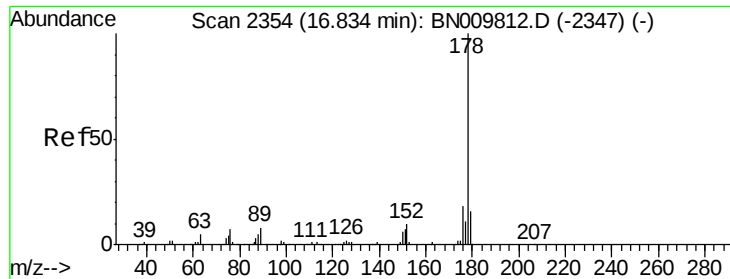
Instrument :
BNA_N
ClientSampleId :
CB6Q9

Quant Time: Feb 22 03:13:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
2/24/2020 4:48:20 PM





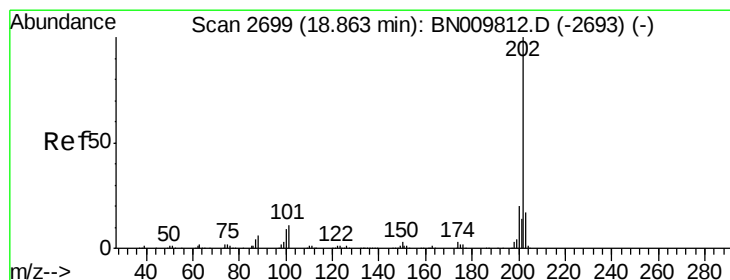
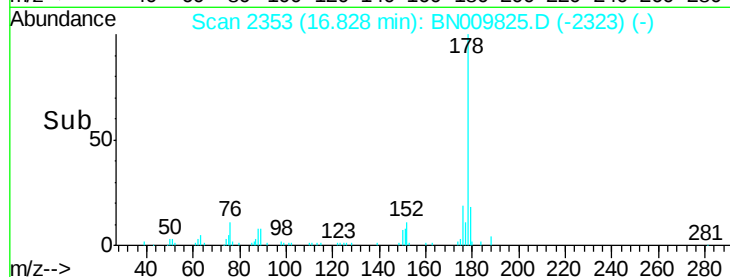
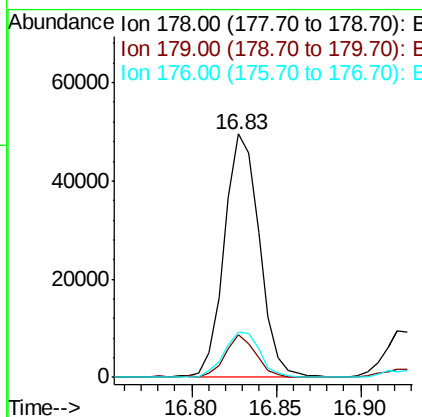
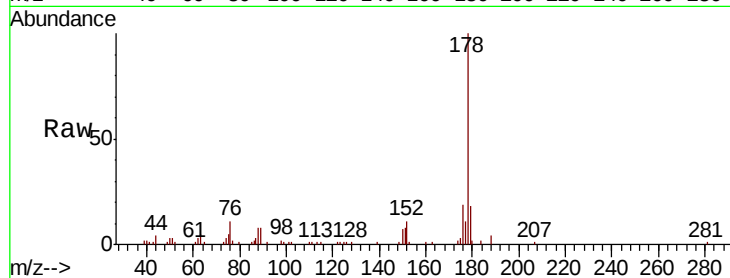
#70
Phenanthrene
Concen: 1.864 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009825.D
Acq: 22 Feb 2020 01:40

Instrument :
BNA_N
ClientSampleId :
CB6Q9

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.5	18.7
176	18.5	14.6	22.0

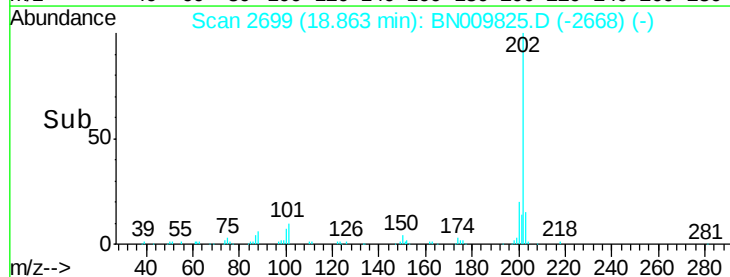
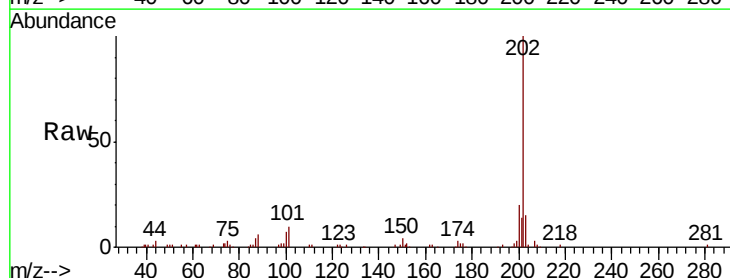
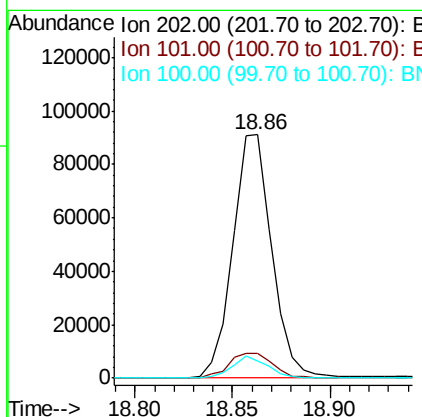
Manual Integrations
APPROVED

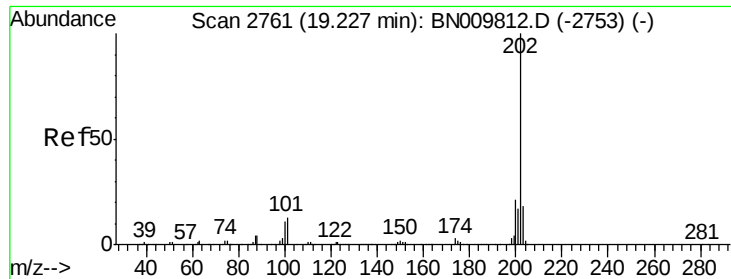
mohammad
2/24/2020 4:48:20 PM



#77
Fluoranthene
Concen: 2.805 ng/ul
RT: 18.86 min Scan# 2699
Delta R.T. -0.02 min
Lab File: BN009825.D
Acq: 22 Feb 2020 01:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.4	14.2
100	7.1	7.2	10.8#





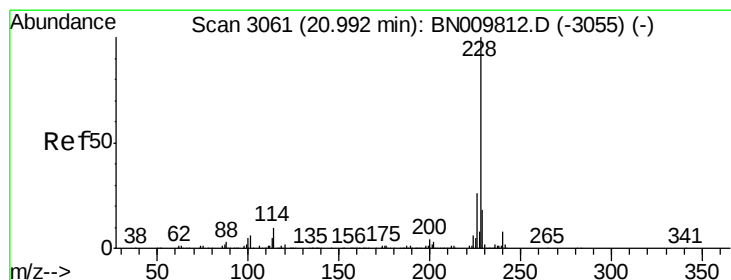
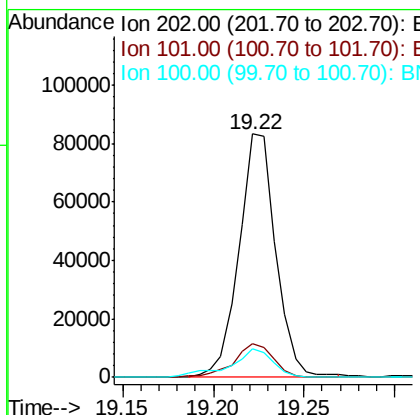
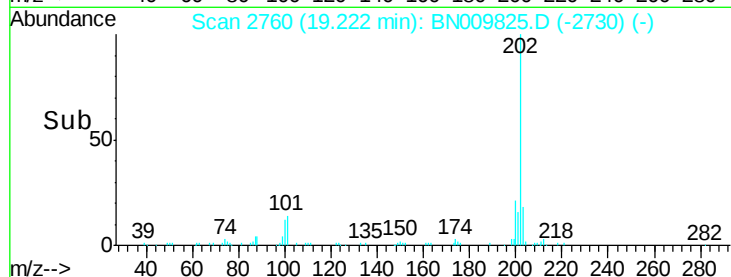
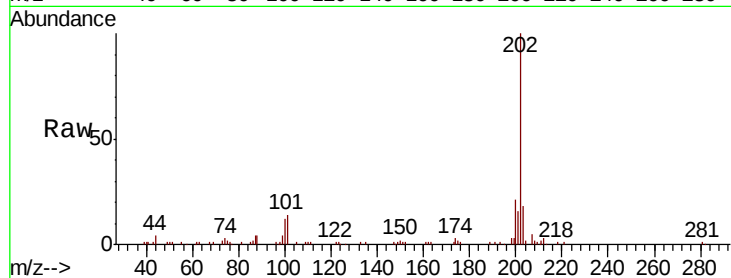
#80
Pvrene
Concen: 2.749 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009825.D
Acq: 22 Feb 2020 01:40

Instrument :
BNA_N
ClientSampleId :
CB6Q9

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	11.9	9.0	13.6

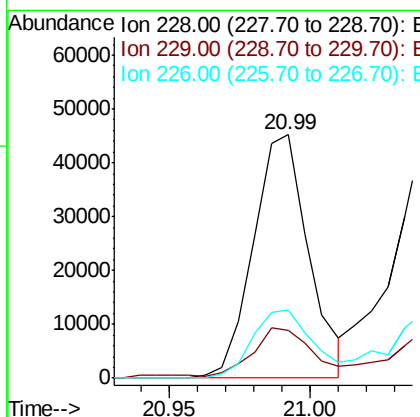
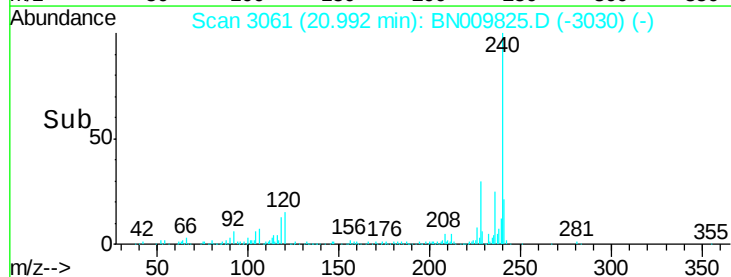
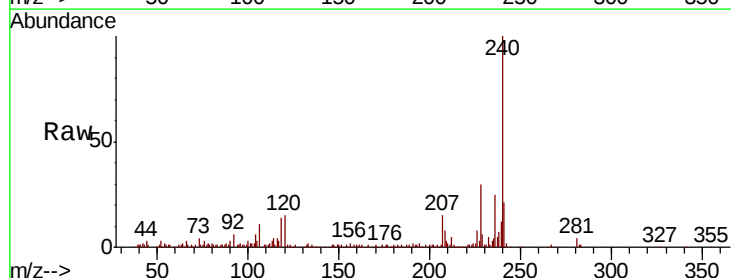
Manual Integrations
APPROVED

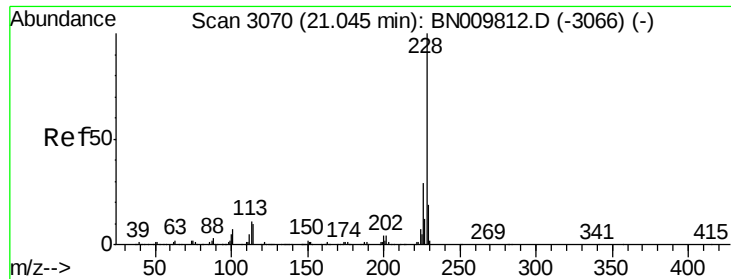
mohammad
2/24/2020 4:48:20 PM



#83
Benzo(a)anthracene
Concen: 1.510 ng/ul
RT: 20.99 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BN009825.D
Acq: 22 Feb 2020 01:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.0	22.4
226	28.0	21.4	32.2





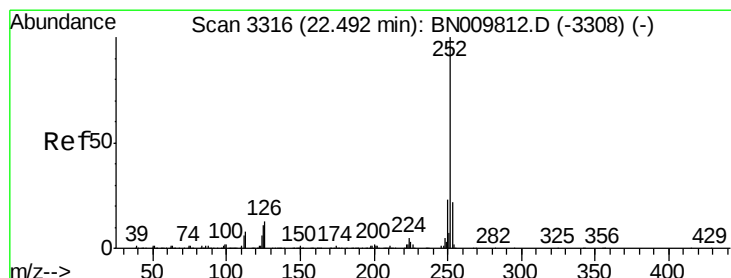
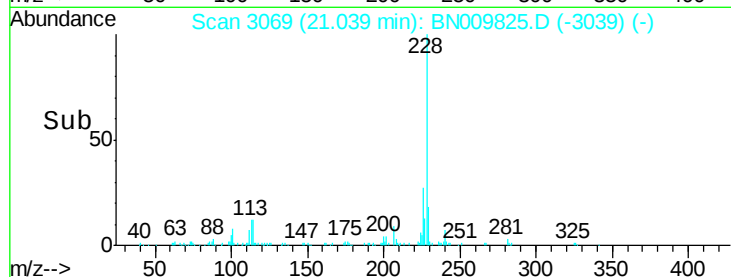
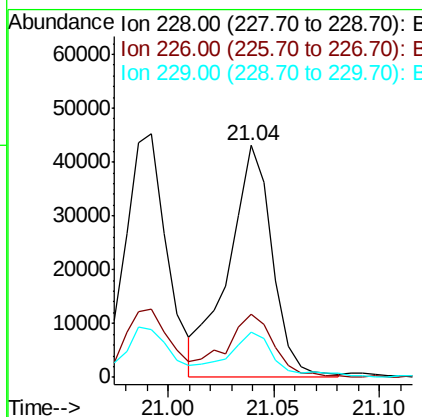
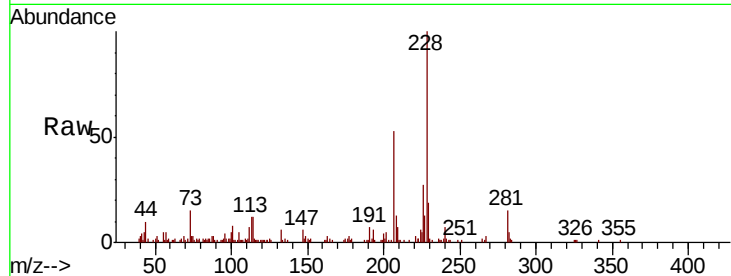
#85
Chrysene
Concen: 1.558 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BN009825.D
Acq: 22 Feb 2020 01:40

Instrument :
BNA_N
ClientSampleId :
CB6Q9

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.2
229	19.3	15.0	22.4

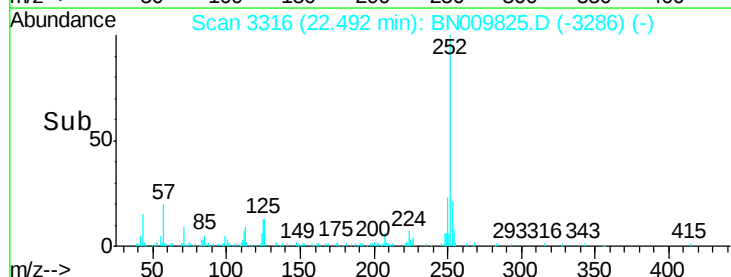
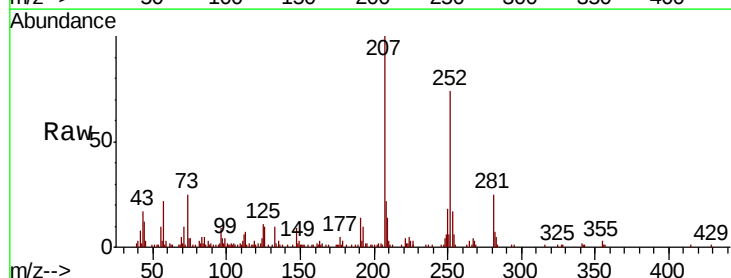
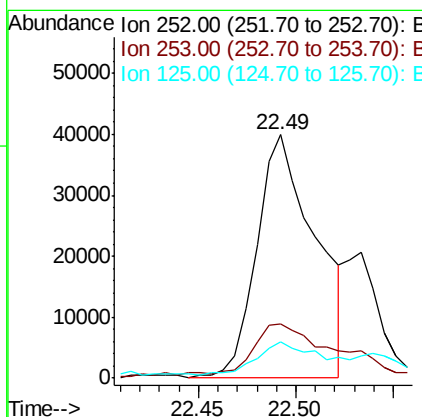
Manual Integrations
APPROVED

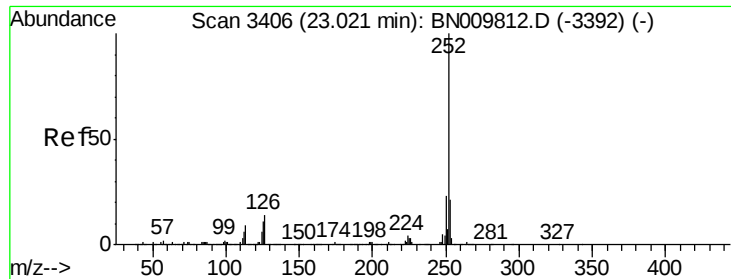
mohammad
2/24/2020 4:48:20 PM



#88
Benzo(b)fluoranthene
Concen: 2.010 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BN009825.D
Acq: 22 Feb 2020 01:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	14.8	8.0	12.0





#91
Benzo(a)pyrene
Concen: 1.389 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.03 min
Lab File: BN009825.D
Acq: 22 Feb 2020 01:40

Instrument :
BNA_N
ClientSampleId :
CB6Q9

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.4	26.0
125	15.1	9.0	13.6

Manual Integrations
APPROVED

mohammad
2/24/2020 4:48:20 PM

