

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011459.D
 Acq On : 17 Aug 2020 20:28
 Operator : CG/JU
 Sample : L3611-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFL8

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:05 PM

Quant Time: Aug 18 06:15:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	170078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	723855	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	431724	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	902680	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	805739	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	802332	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	7393m	2.09	ng/uL	0.00
5) Phenol-d5	6.64	99	124460	10.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	72767	11.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	109559	10.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	75841	7.77	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	54001	9.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	63659	10.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	117125	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	124845	8.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	402303	11.97	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	425856	10.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	38883m	6.83	ng/ul	0.00
58) Fluorene-d10	15.07	176	318519	10.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	34543	5.77	ng/ul	0.00
71) Anthracene-d10	16.92	188	441553	10.24	ng/ul	0.00
79) Pyrene-d10	19.23	212	452413	10.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	432827	9.71	ng/ul	0.00

Target Compounds				Ovalue		
45) Dimethylphthalate	13.55	163	80122	2.322	ng/ul#	97
70) Phenanthrene	16.87	178	315714	5.897	ng/ul	98
72) Anthracene	16.96	178	72133	1.330	ng/ul	97
75) Carbazole	17.23	167	46783	1.026	ng/ul	98
77) Fluoranthene	18.90	202	443432	6.768	ng/ul	98
80) Pyrene	19.26	202	307277	5.419	ng/ul	98
83) Benzo(a)anthracene	21.03	228	197963	3.693	ng/ul#	95
85) Chrysene	21.08	228	187179	3.515	ng/ul#	92
88) Benzo(b)fluoranthene	22.53	252	216167	3.854	ng/ul#	93
89) Benzo(k)fluoranthene	22.57	252	91934m	1.650	ng/ul	
91) Benzo(a)pyrene	23.06	252	137499	2.660	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.20	276	96366	1.455	ng/ul	97
94) Benzo(g,h,i)perylene	25.82	276	76785	1.398	ng/ul	95

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

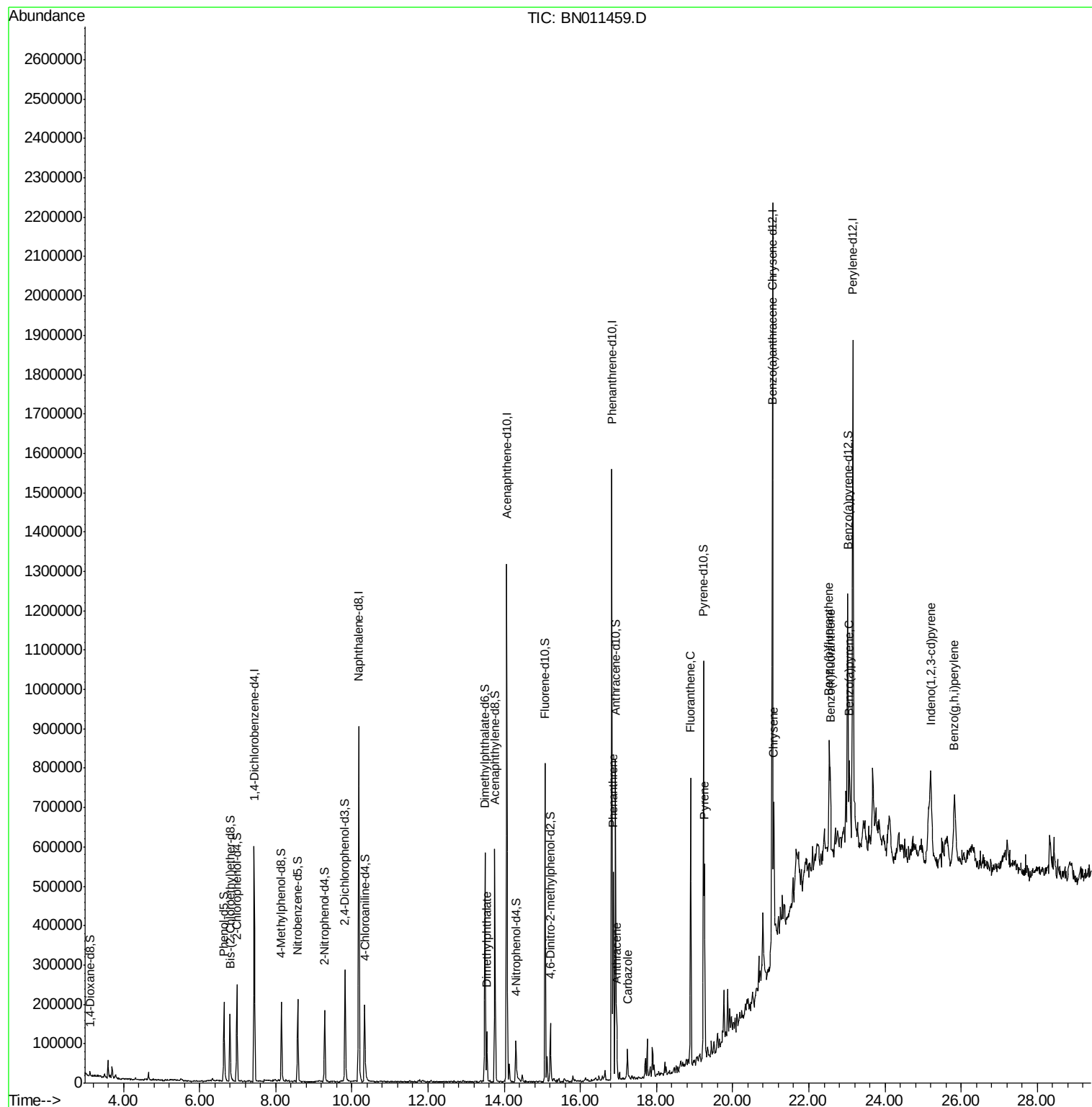
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011459.D
Acq On : 17 Aug 2020 20:28
Operator : CG/JU
Sample : L3611-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

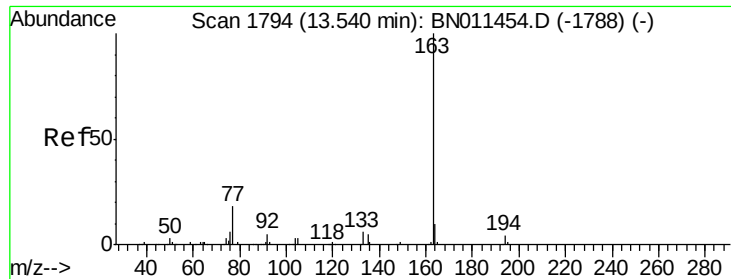
Instrument :
BNA_N
ClientSampleId :
DBFL8

Quant Time: Aug 18 06:15:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 04:25:59 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:05 PM





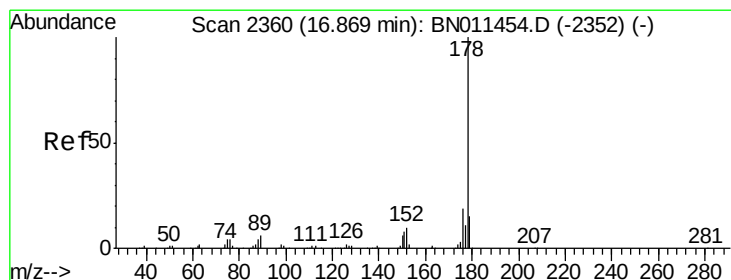
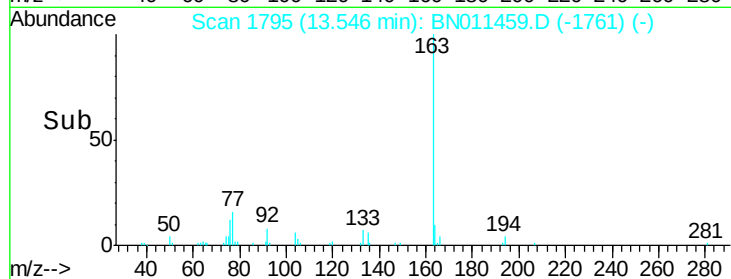
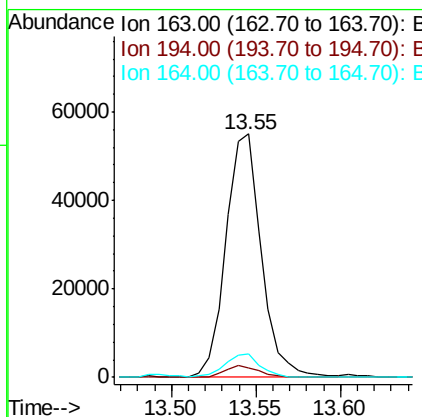
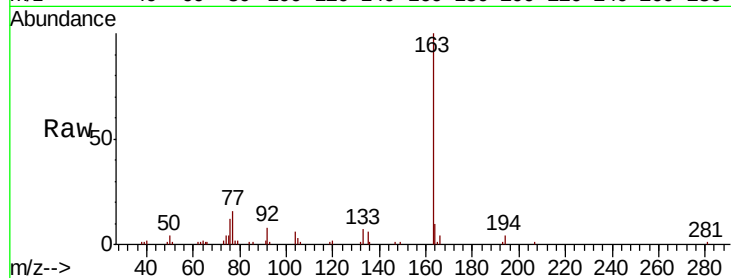
#45
Dimethylphthalate
Concen: 2.322 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BN011459.D
Acq: 17 Aug 2020 20:28

Instrument :
BNA_N
ClientSampleId :
DBFL8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	80122		
194	3.6		3.8	5.6#
164	9.6		8.7	13.1

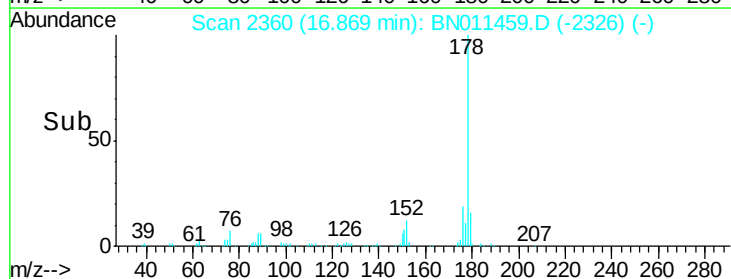
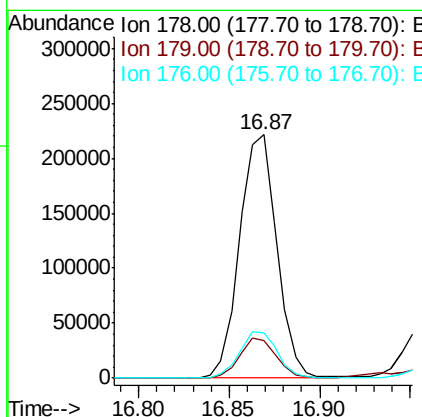
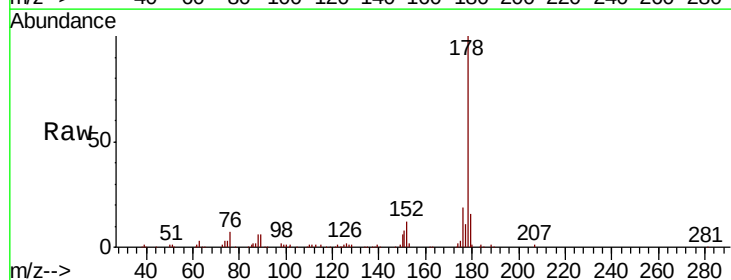
Manual Integrations
APPROVED

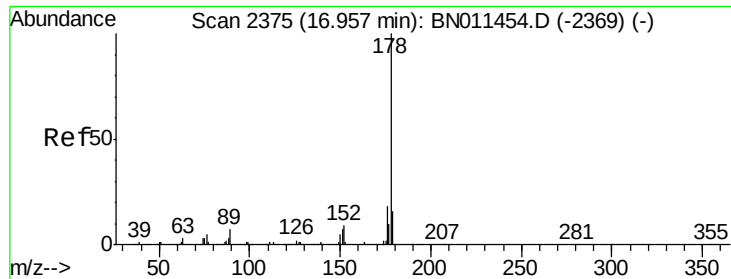
mohammad
8/19/2020 2:19:05 PM



#70
Phenanthrene
Concen: 5.897 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN011459.D
Acq: 17 Aug 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	315714		
179	15.6		13.1	19.7
176	18.6		15.7	23.5





#72

Anthracene

Concen: 1.330 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN011459.D

Acq: 17 Aug 2020 20:28

Instrument :

BNA_N

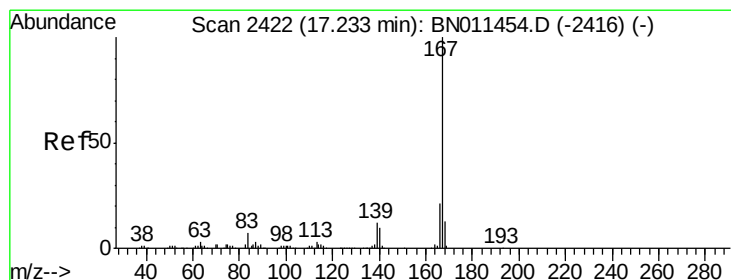
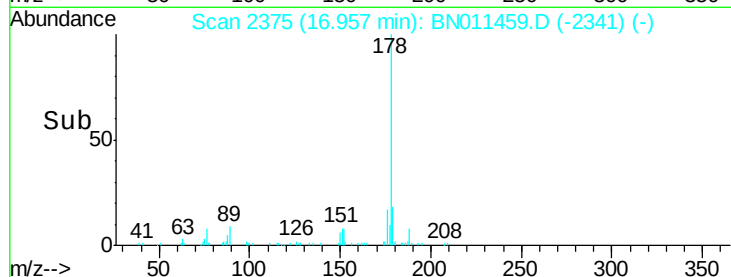
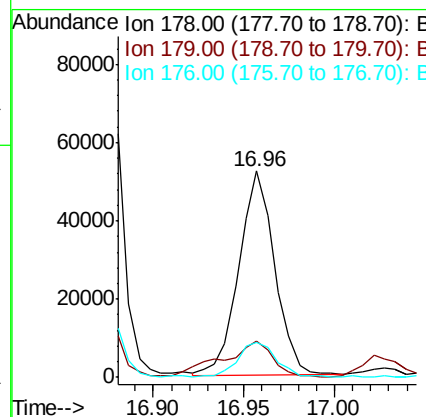
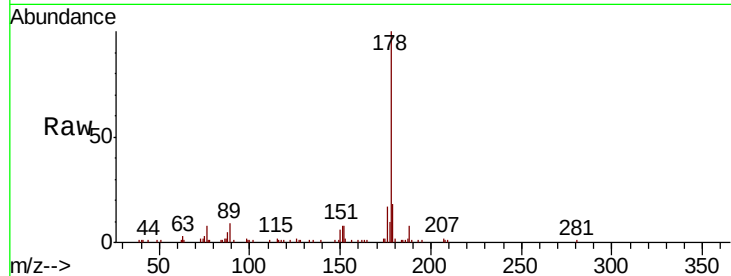
ClientSampleId :

DBFL8

Tot Ion:	178	Resp:	72133
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.0	19.4
176	17.0	14.6	21.8

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:05 PM



#75

Carbazole

Concen: 1.026 ng/ul

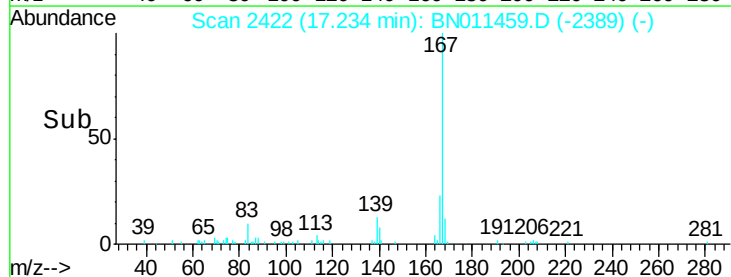
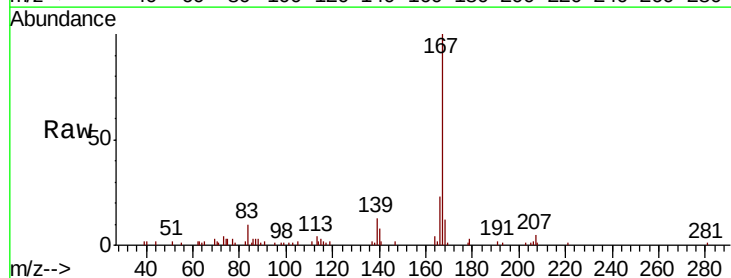
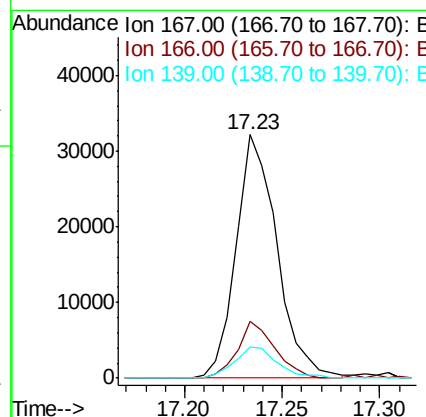
RT: 17.23 min Scan# 2422

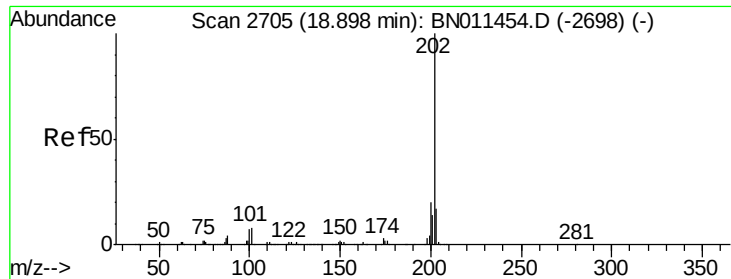
Delta R.T. -0.01 min

Lab File: BN011459.D

Acq: 17 Aug 2020 20:28

Tgt Ion:	167	Resp:	46783
Ion Ratio	Lower	Upper	
167	100		
166	23.2	17.2	25.8
139	12.9	10.2	15.2





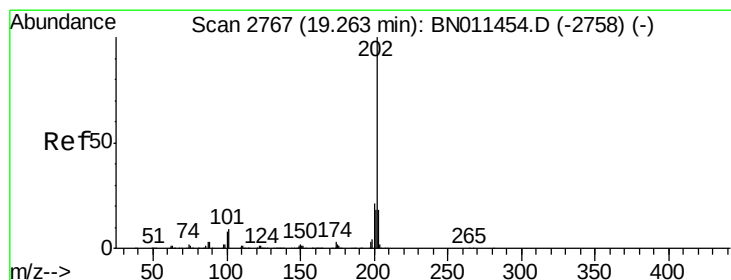
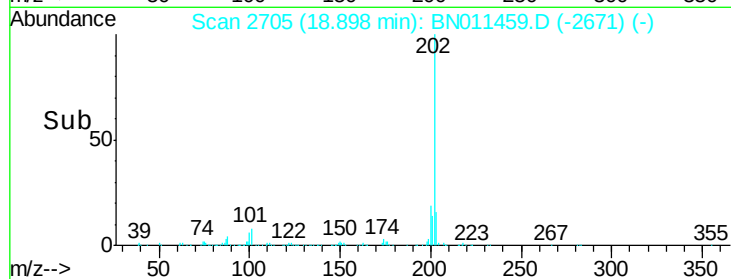
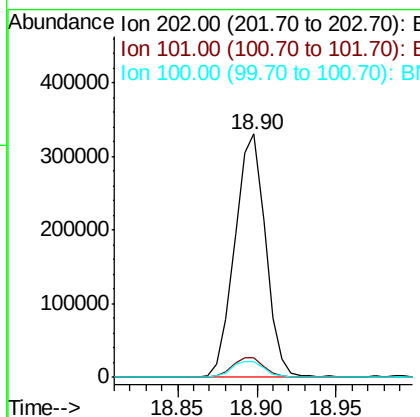
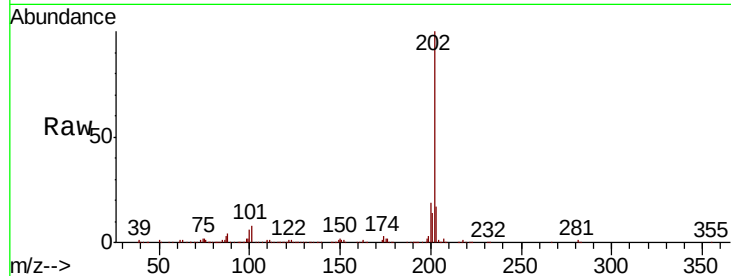
#77
Fluoranthene
 Concen: 6.768 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. 0.00 min
 Lab File: BN011459.D
 Acq: 17 Aug 2020 20:28

Instrument :
 BNA_N
 ClientSampleId :
 DBFL8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		443432		
101	8.3	7.3	10.9		
100	6.2	5.2	7.8		

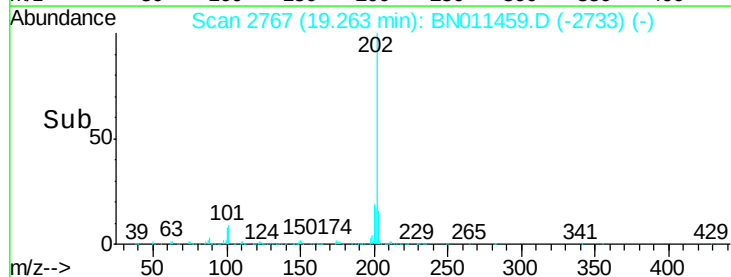
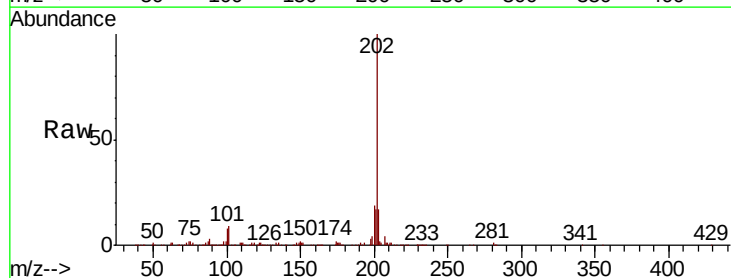
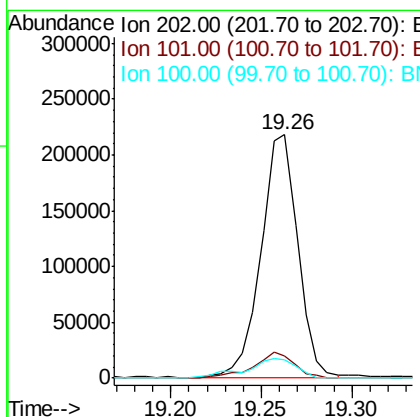
Manual Integrations
 APPROVED

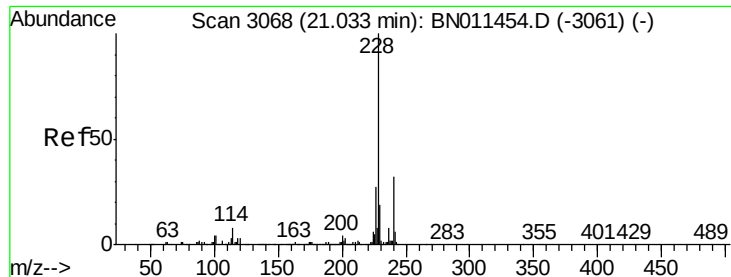
mohammad
 8/19/2020 2:19:05 PM



#80
Pyrene
 Concen: 5.419 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. 0.00 min
 Lab File: BN011459.D
 Acq: 17 Aug 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		307277		
101	9.1	7.8	11.8		
100	7.7	6.5	9.7		





#83

Benzo(a)anthracene

Concen: 3.693 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN011459.D

Acq: 17 Aug 2020 20:28

Instrument :

BNA_N

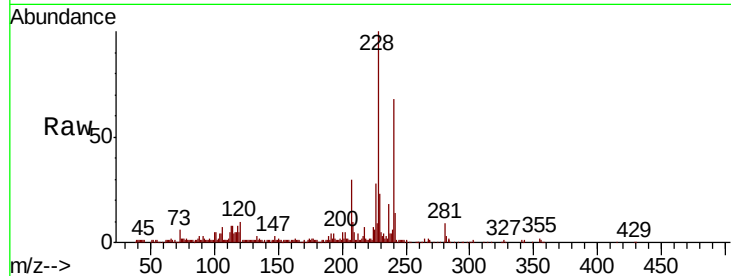
ClientSampleId :

DBFL8

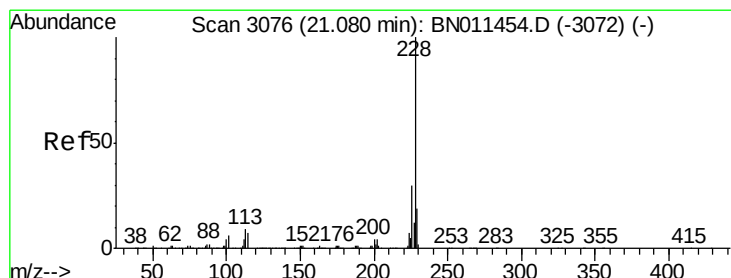
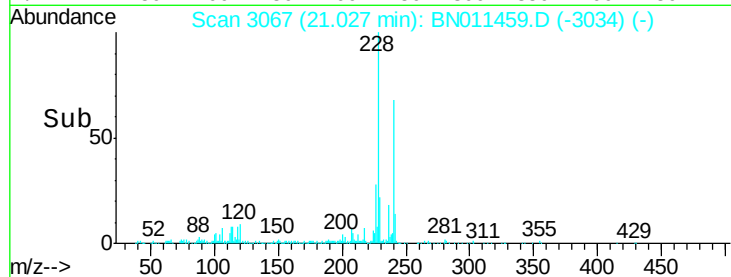
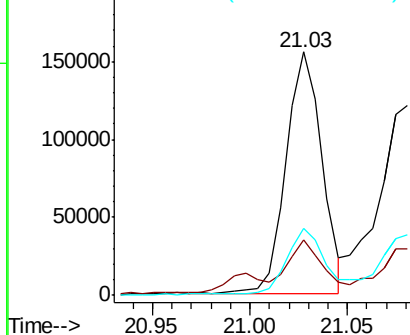
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		197963		
229	22.6	15.0	22.4#		
226	27.7	21.5	32.3		

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:05 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 3.515 ng/ul

RT: 21.08 min Scan# 3076

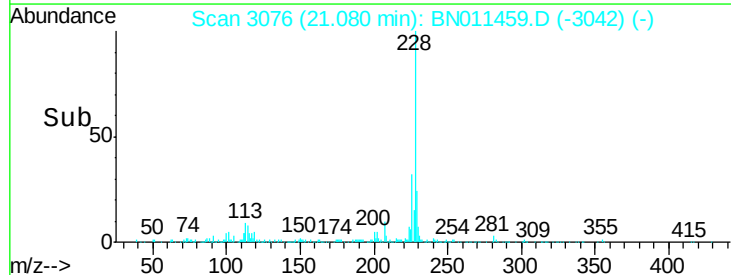
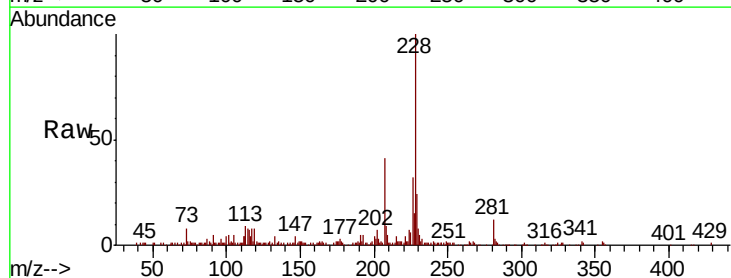
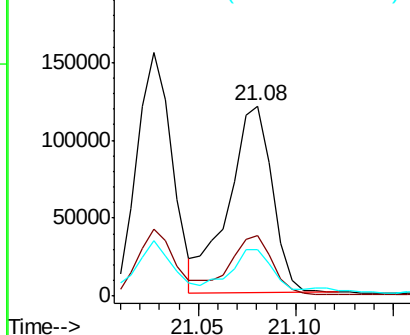
Delta R.T. 0.00 min

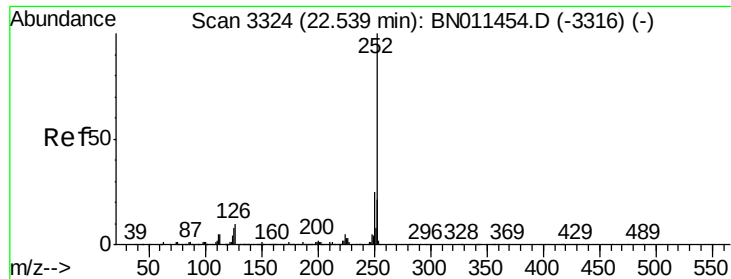
Lab File: BN011459.D

Acq: 17 Aug 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		187179		
226	32.1	23.5	35.3		
229	24.2	15.0	22.6#		

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





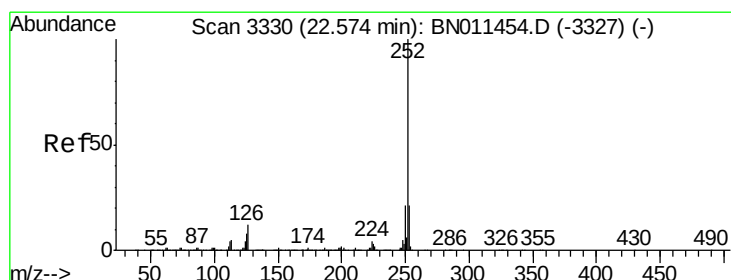
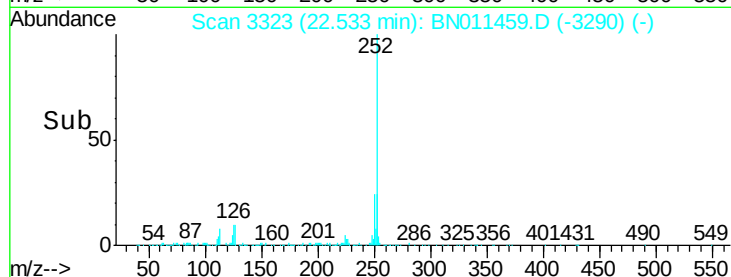
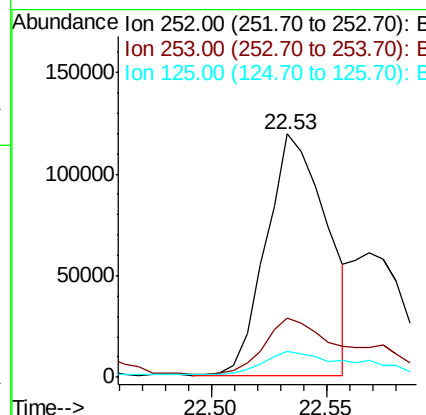
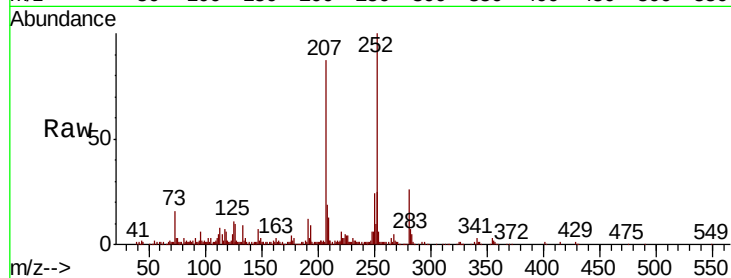
#88
Benzo(b)fluoranthene
Concen: 3.854 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN011459.D
Acq: 17 Aug 2020 20:28

Instrument :
BNA_N
ClientSampleId :
DBFL8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	10.7	6.6	9.8

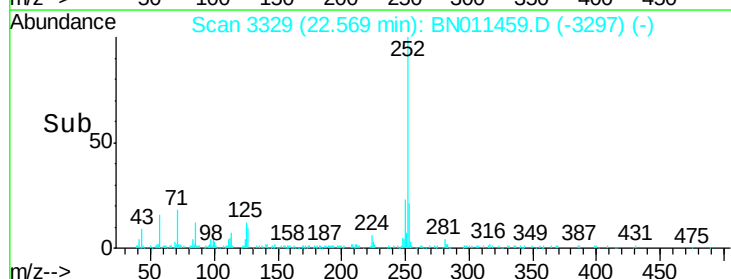
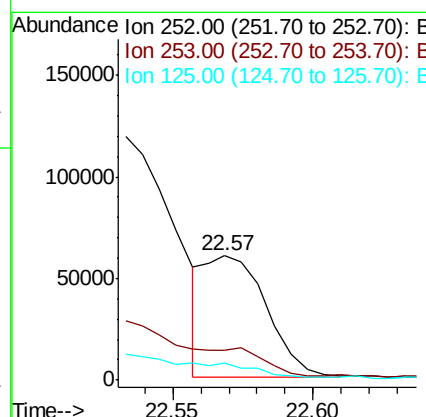
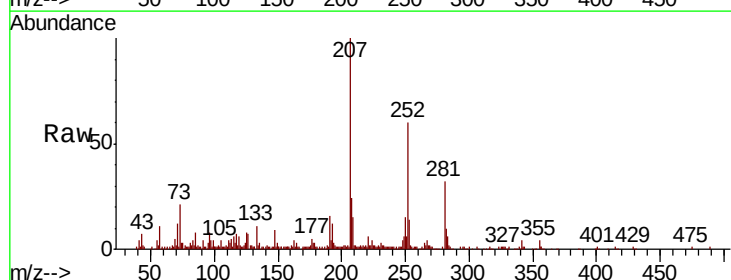
Manual Integrations
APPROVED

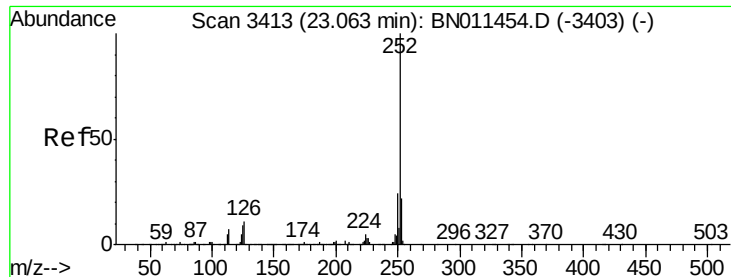
mohammad
8/19/2020 2:19:05 PM



#89
Benzo(k)fluoranthene
Concen: 1.650 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN011459.D
Acq: 17 Aug 2020 20:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	15.8	23.6
125	13.5	6.0	9.0





#91

Benzo(a)pyrene

Concen: 2.660 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN011459.D

Acq: 17 Aug 2020 20:28

Instrument :

BNA_N

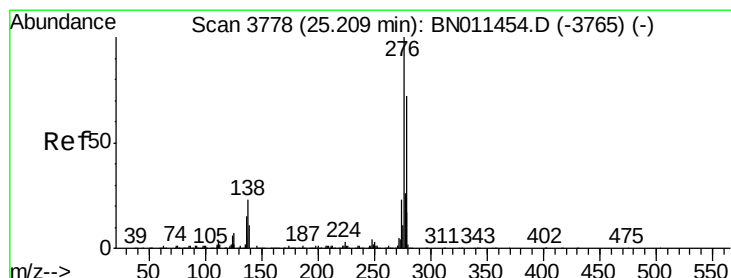
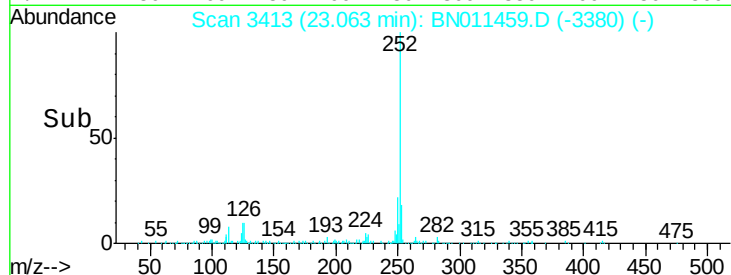
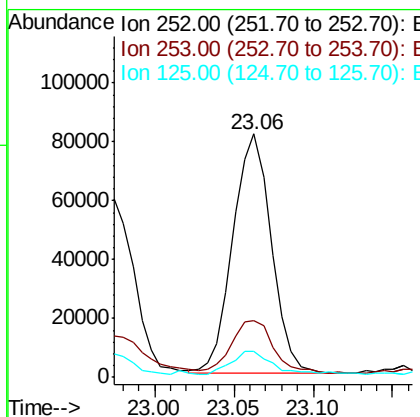
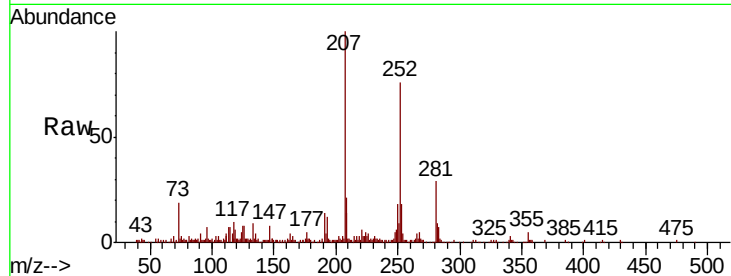
ClientSampleId :

DBFL8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	16.6	25.0
125	10.8	7.1	10.7

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:05 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.455 ng/ul

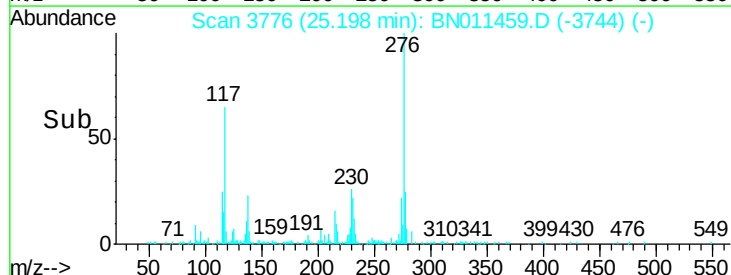
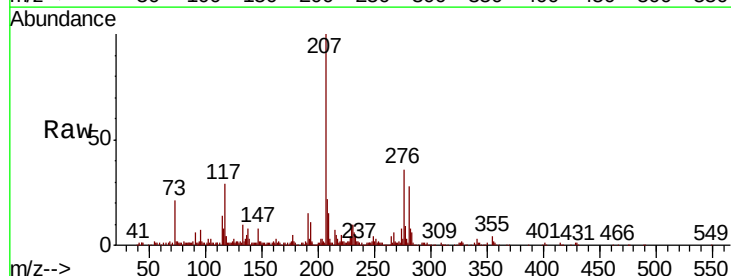
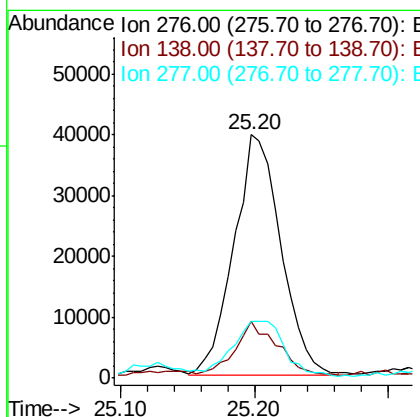
RT: 25.20 min Scan# 3776

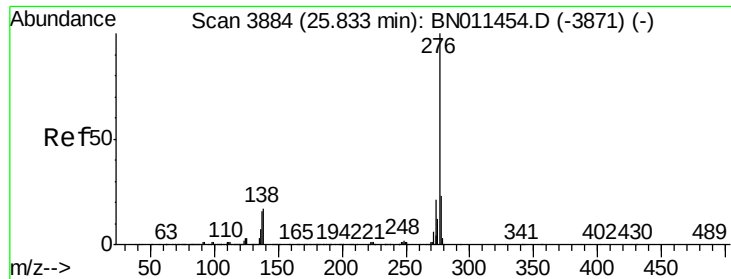
Delta R.T. -0.01 min

Lab File: BN011459.D

Acq: 17 Aug 2020 20:28

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.1	17.0	25.4
277	23.4	18.1	27.1





#94

Benzo(a,h,i)perylene

Concen: 1.398 ng/ul

RT: 25.82 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BN011459.D

Acq: 17 Aug 2020 20:28

Instrument :

BNA_N

ClientSampleId :

DBFL8

Tot Ion:	276	Resp:	76785
Ion Ratio	Lower	Upper	
276	100		
138	15.3	15.3	22.9
277	20.8	16.2	24.4

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:05 PM

