

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
 Data File : BN012587.D
 Acq On : 17 Nov 2020 14:42
 Operator : CG/JU
 Sample : L4762-05DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2DL

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:20 AM

Quant Time: Nov 17 15:35:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 13:38:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	208237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	817830	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	476675	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	952096	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	915587	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1018009	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	39390	2.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	28148	2.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	31284	2.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	29811	1.93	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	15162	2.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	15264	2.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	28855	2.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	139292	9.95	ng/ul	-0.03
44) Dimethylphthalate-d6	13.53	166	89759	2.31	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	112275	2.42	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.11	176	79872	2.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.96	188	120962m	2.50	ng/ul	0.00
79) Pyrene-d10	19.27	212	118465	2.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	127323	2.29	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.28	128	175518	3.712	ng/ul# 92
34) 2-Methylnaphthalene	11.90	142	838057	25.399	ng/ul 100
41) 1,1'-Biphenyl	12.93	154	85330	2.160	ng/ul 98
50) Acenaphthene	14.17	153	76264	2.244	ng/ul 91
59) Fluorene	15.17	166	134916	3.427	ng/ul# 97
70) Phenanthrene	16.90	178	1299635	22.202	ng/ul 99
72) Anthracene	16.99	178	169680m	2.859	ng/ul
77) Fluoranthene	18.93	202	142283	2.113	ng/ul# 91
80) Pyrene	19.30	202	748704	11.485	ng/ul 99
83) Benzo(a)anthracene	21.06	228	87326	1.415	ng/ul# 17
85) Chrysene	21.11	228	113283	1.883	ng/ul# 66

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

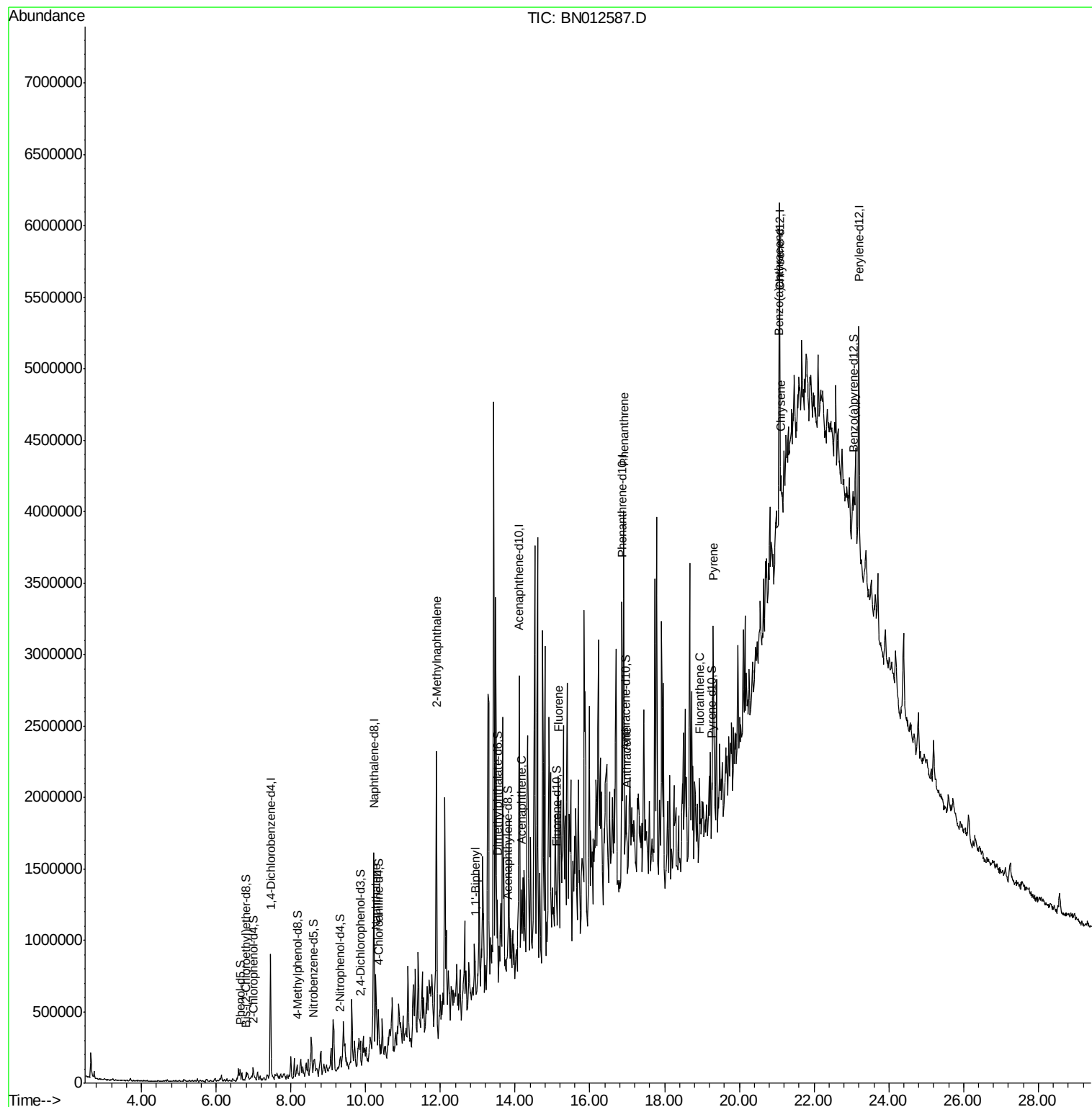
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

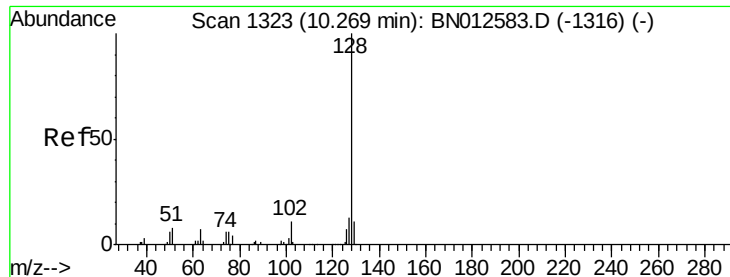
Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Quant Time: Nov 17 15:35:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 13:38:12 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:20 AM





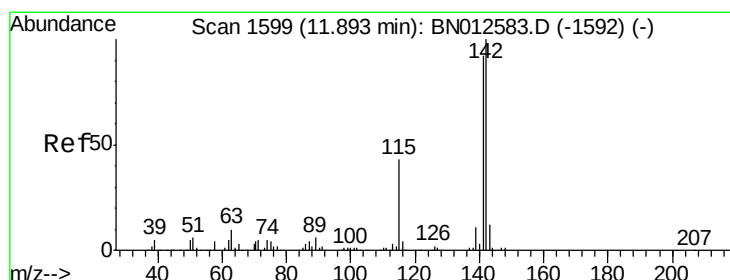
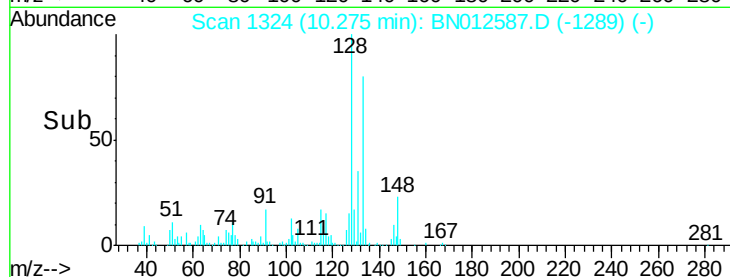
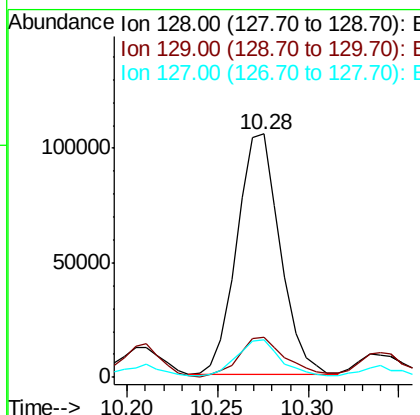
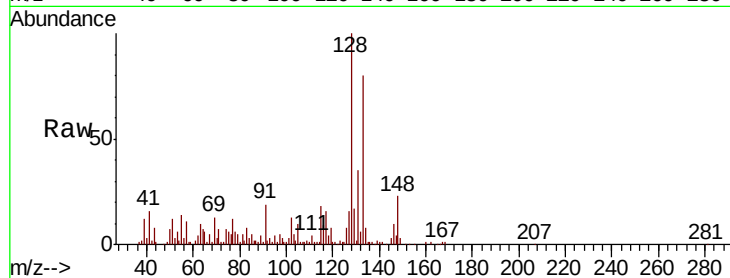
#28
Naphthalene
Concen: 3.712 ng/ul
RT: 10.28 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BN012587.D
Acq: 17 Nov 2020 14:42

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.5	8.6	12.8#
127	15.5	11.6	17.4

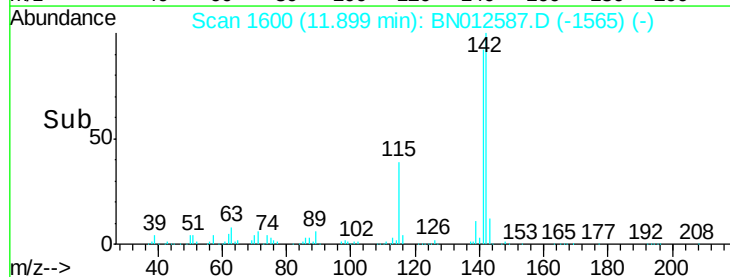
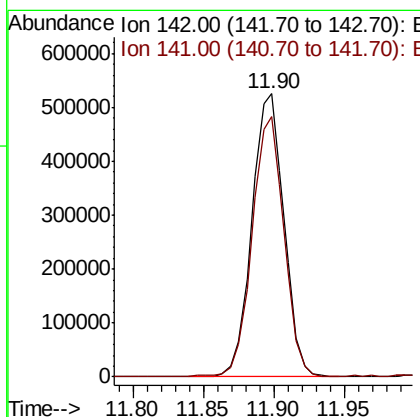
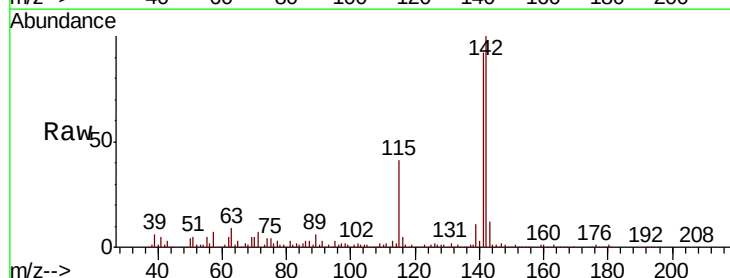
Manual Integrations
APPROVED

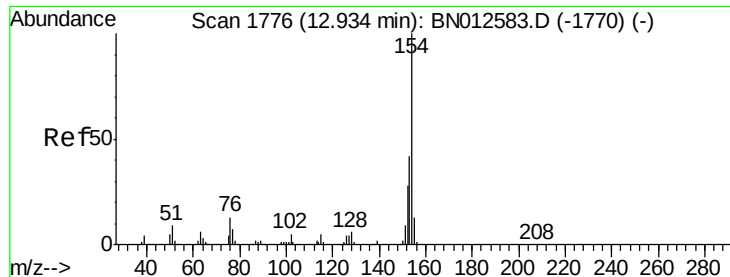
mohammad
11/19/2020 10:32:20 AM



#34
2-Methylnaphthalene
Concen: 25.399 ng/ul
RT: 11.90 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BN012587.D
Acq: 17 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.8





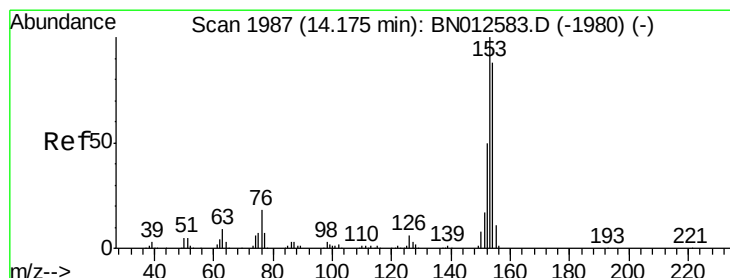
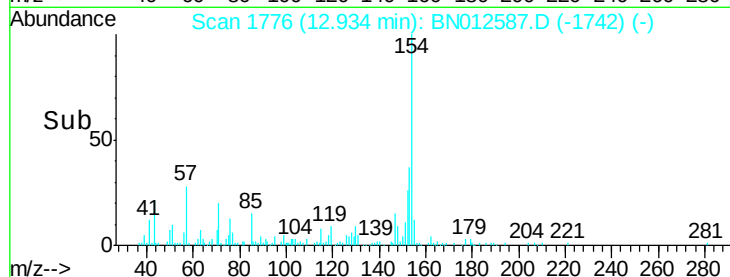
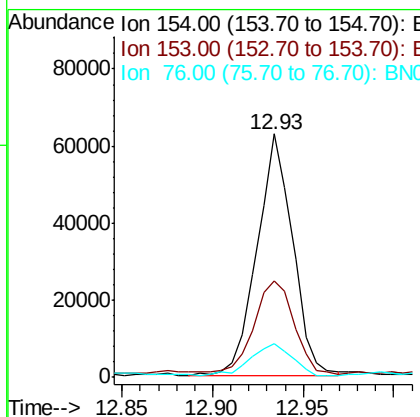
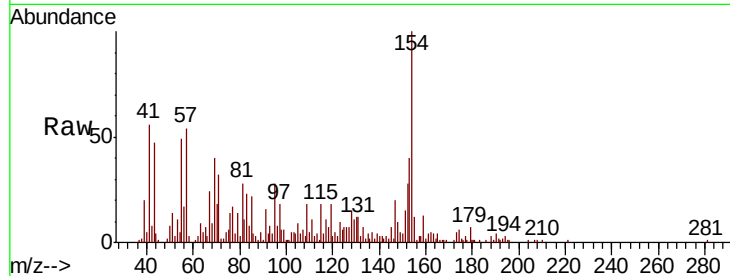
#41
 1,1'-Biphenyl
 Concen: 2.160 ng/ul
 RT: 12.93 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BN012587.D
 Acq: 17 Nov 2020 14:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2DL

Tot Ion:	154	Resp:	85330
Ion Ratio	Lower	Upper	
154	100		
153	39.7	31.4	47.0
76	13.8	9.3	13.9

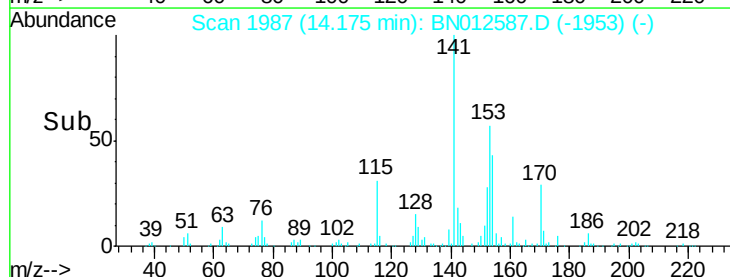
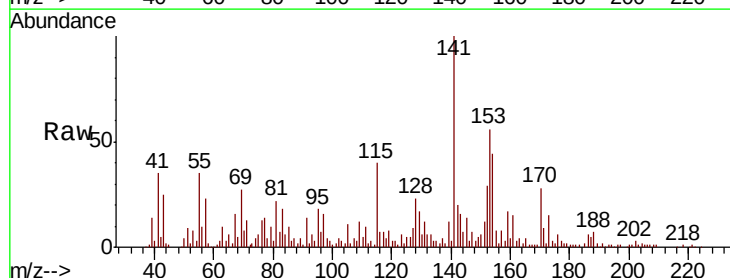
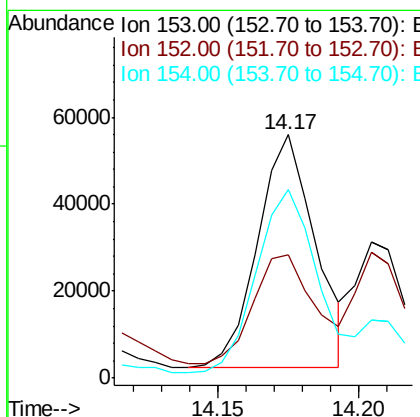
Manual Integrations
 APPROVED

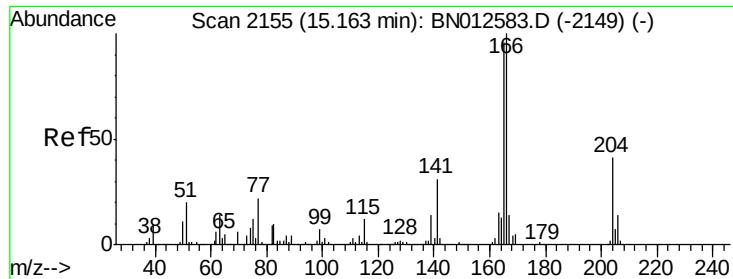
mohammad
 11/19/2020 10:32:20 AM



#50
 Acenaphthene
 Concen: 2.244 ng/ul
 RT: 14.17 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BN012587.D
 Acq: 17 Nov 2020 14:42

Tgt Ion:	153	Resp:	76264
Ion Ratio	Lower	Upper	
153	100		
152	50.8	37.1	55.7
154	77.5	69.7	104.5





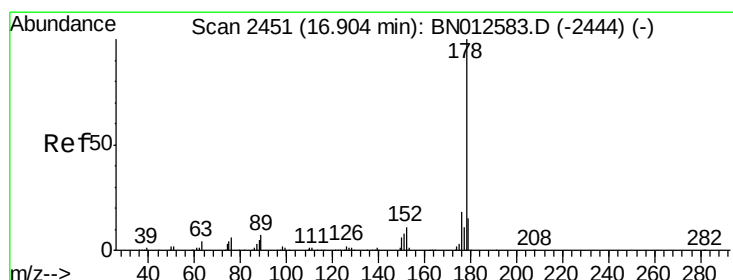
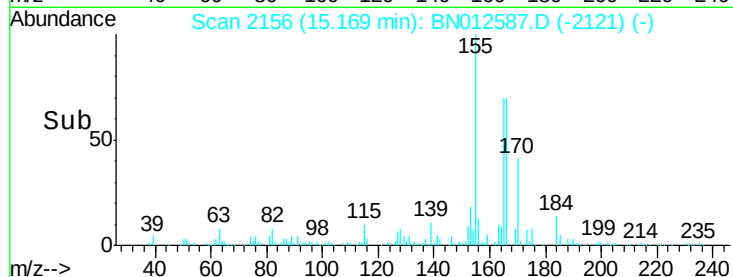
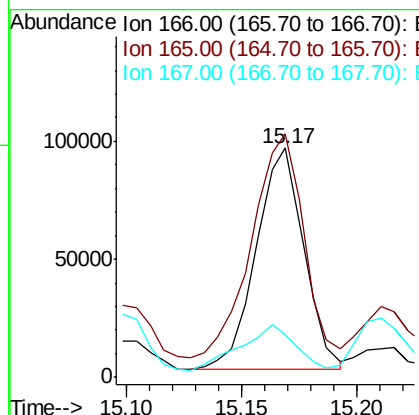
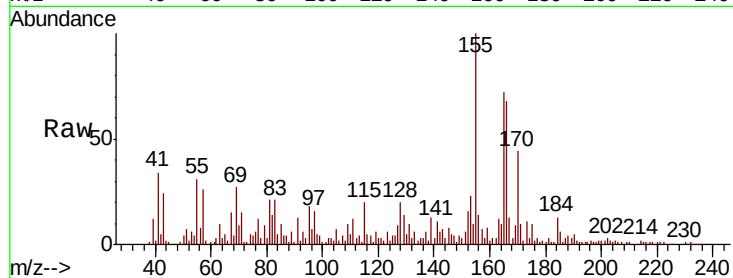
#59
Fluorene
Concen: 3.427 ng/ul
RT: 15.17 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BN012587.D
Acq: 17 Nov 2020 14:42

Instrument :
BNA_N
ClientSampled :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.2	83.3	124.9
167	18.8	11.0	16.6

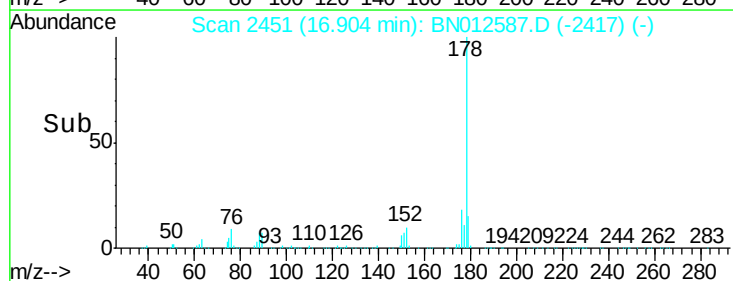
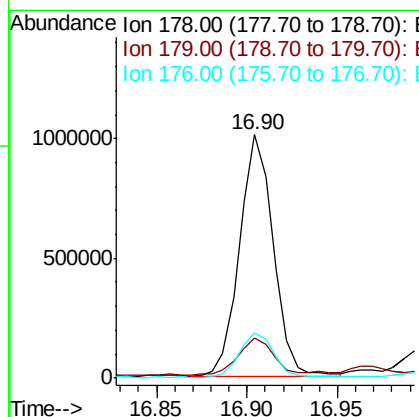
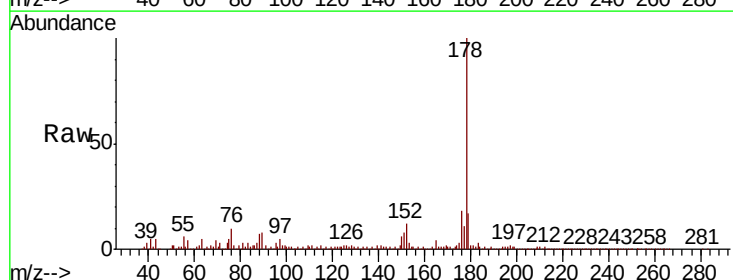
Manual Integrations
APPROVED

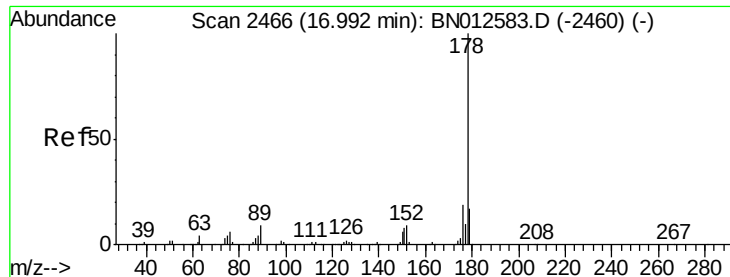
mohammad
11/19/2020 10:32:20 AM



#70
Phenanthrene
Concen: 22.202 ng/ul
RT: 16.90 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BN012587.D
Acq: 17 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.1	19.7
176	18.4	15.4	23.0





#72

Anthracene

Concen: 2.859 ng/ul

RT: 16.99 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BN012587.D

Acq: 17 Nov 2020 14:42

Instrument :

BNA_N

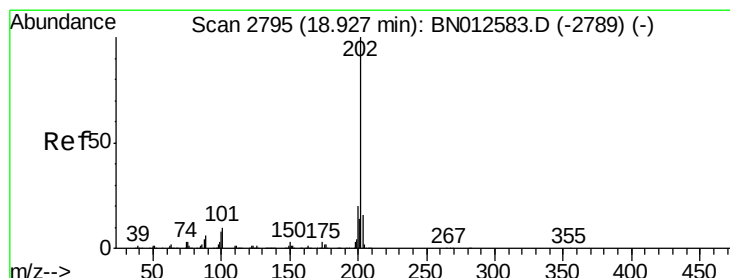
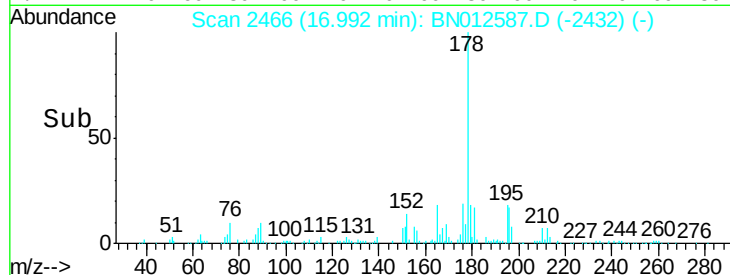
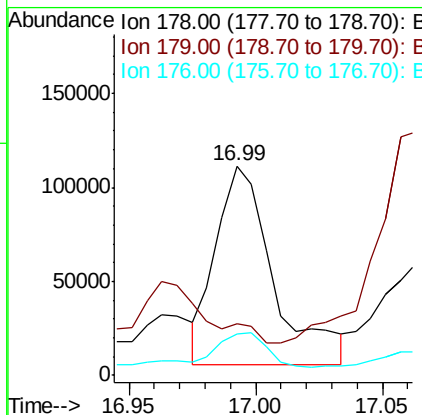
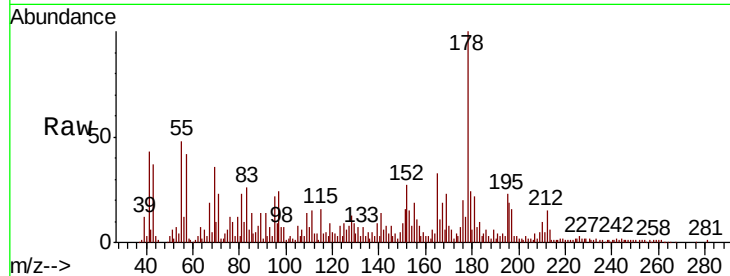
ClientSampleId :

C0AC2DL

Tot Ion:	178	Resp:	169680
Ion Ratio	Lower	Upper	
178	100		
179	24.4	12.4	18.6#
176	19.7	14.8	22.2

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:20 AM



#77

Fluoranthene

Concen: 2.113 ng/ul

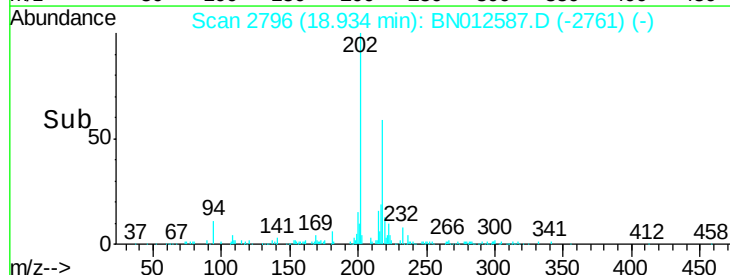
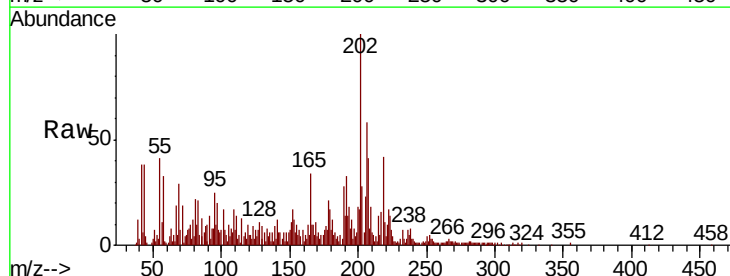
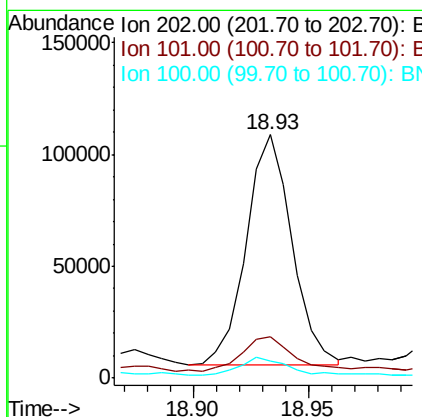
RT: 18.93 min Scan# 2796

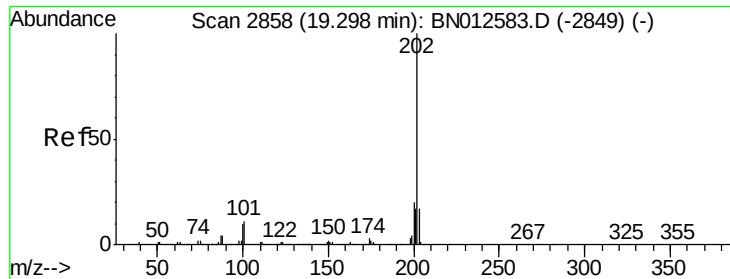
Delta R.T. 0.01 min

Lab File: BN012587.D

Acq: 17 Nov 2020 14:42

Tgt Ion:	202	Resp:	142283
Ion Ratio	Lower	Upper	
202	100		
101	17.1	10.2	15.2#
100	7.0	7.7	11.5#





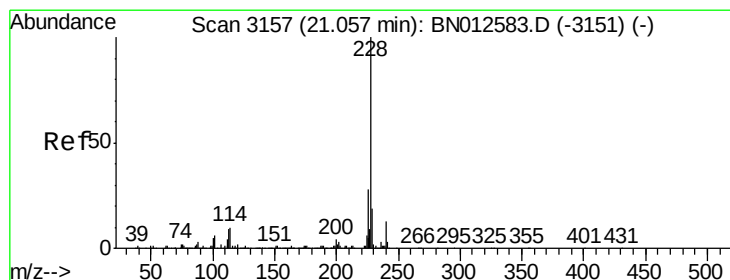
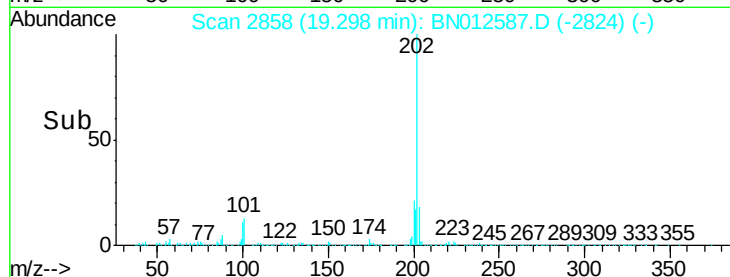
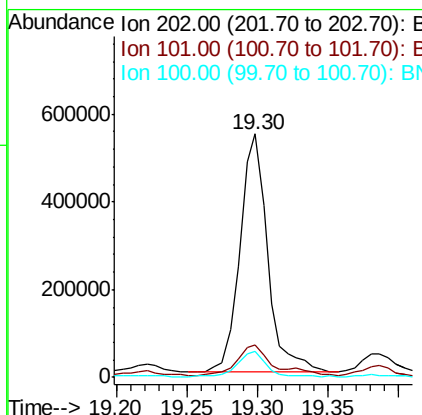
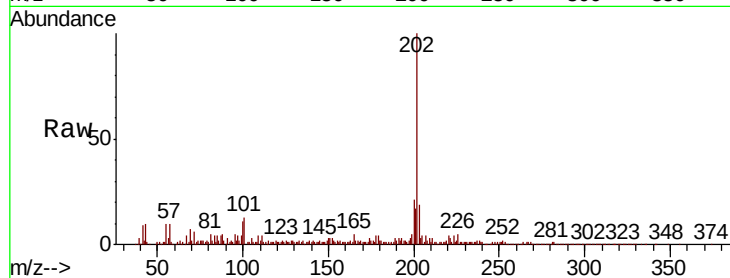
#80
Pvrene
Concen: 11.485 ng/ul
RT: 19.30 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BN012587.D
Acq: 17 Nov 2020 14:42

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.1	15.1
100	10.7	8.5	12.7

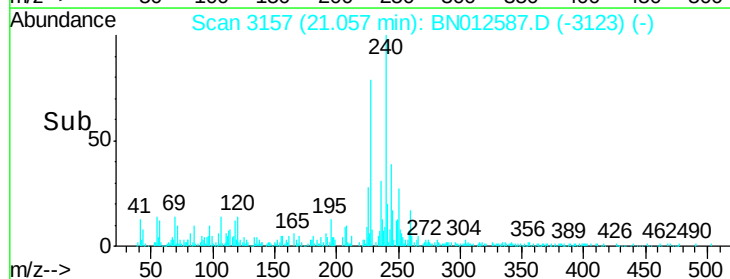
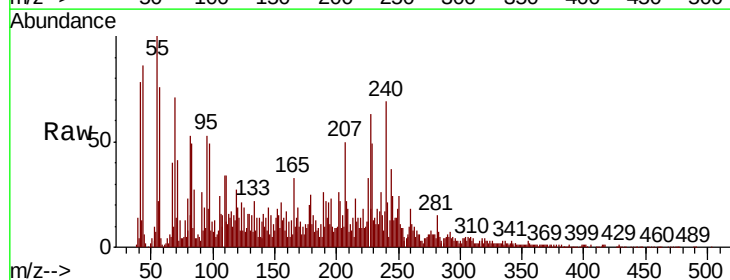
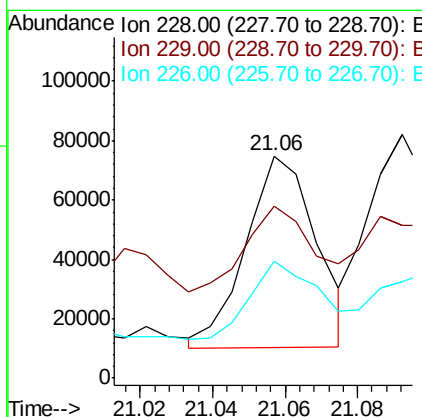
Manual Integrations
APPROVED

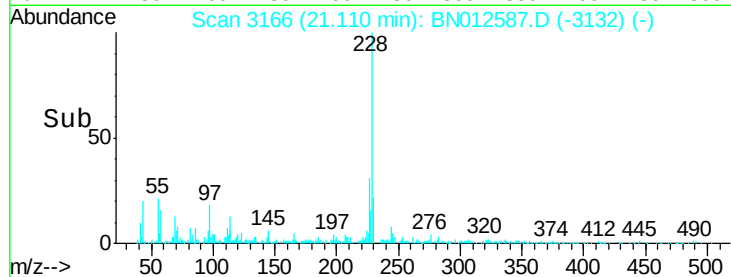
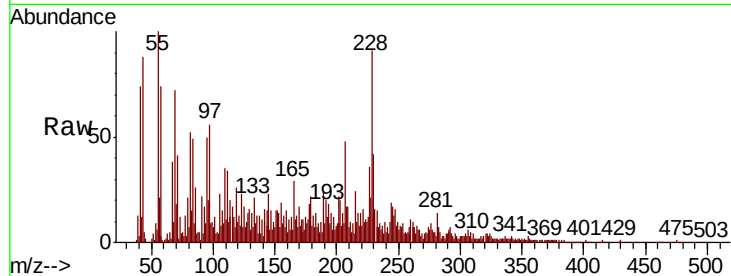
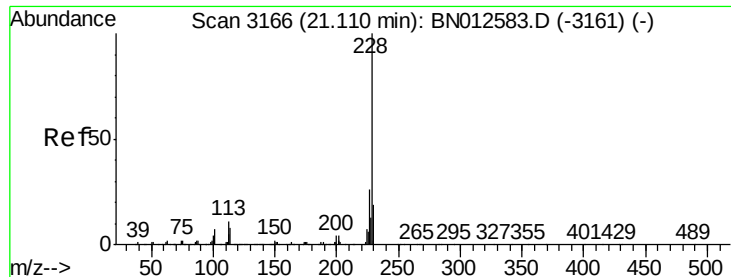
mohammad
11/19/2020 10:32:20 AM



#83
Benzo(a)anthracene
Concen: 1.415 ng/ul
RT: 21.06 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BN012587.D
Acq: 17 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	77.4	15.0	22.6#
226	52.8	21.5	32.3#





#85

Chrysene

Concen: 1.883 ng/ul

RT: 21.11 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BN012587.D

Acq: 17 Nov 2020 14:42

Instrument :

BNA_N

ClientSampleId :

C0AC2DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	39.7	24.3	36.5#	
229	46.1	14.8	22.2#	

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:20 AM

