

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
 Data File : BN012588.D
 Acq On : 17 Nov 2020 15:18
 Operator : CG/JU
 Sample : L4762-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 C0AC3DL

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:22 AM

Quant Time: Nov 17 16:00:15 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	207157	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	831168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	505140	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	954589	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	933943	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1036748	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	89643	4.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	63533	5.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	74842	5.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	73185	4.75	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	37237	5.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	38558	5.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	69413	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	277335	19.49	ng/ul	-0.03
44) Dimethylphthalate-d6	13.53	166	208044	5.04	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	257161	5.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	58342	7.55	ng/ul	0.00
58) Fluorene-d10	15.12	176	188395	5.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.96	188	269277m	5.55	ng/ul	0.00
79) Pyrene-d10	19.27	212	275514	5.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	302648	5.34	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.27	128	289272	6.020	ng/ul#	94
34) 2-Methylnaphthalene	11.90	142	1464422	43.669	ng/ul	95
41) 1,1'-Biphenyl	12.93	154	151364	3.615	ng/ul#	96
45) Dimethylphthalate	13.58	163	57115	1.374	ng/ul#	92
48) Acenaphthylene	13.83	152	74200	1.505	ng/ul#	1
50) Acenaphthene	14.17	153	136337	3.785	ng/ul	92
59) Fluorene	15.17	166	253713	6.081	ng/ul#	98
70) Phenanthrene	16.91	178	2382188	40.590	ng/ul	99
72) Anthracene	17.00	178	256013m	4.303	ng/ul	
77) Fluoranthene	18.93	202	259634	3.847	ng/ul#	93
80) Pyrene	19.30	202	1405090	21.131	ng/ul	99
83) Benzo(a)anthracene	21.06	228	167392	2.659	ng/ul#	29
85) Chrysene	21.12	228	322121m	5.250	ng/ul	
91) Benzo(a)pyrene	23.12	252	78883	1.247	ng/ul#	11

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

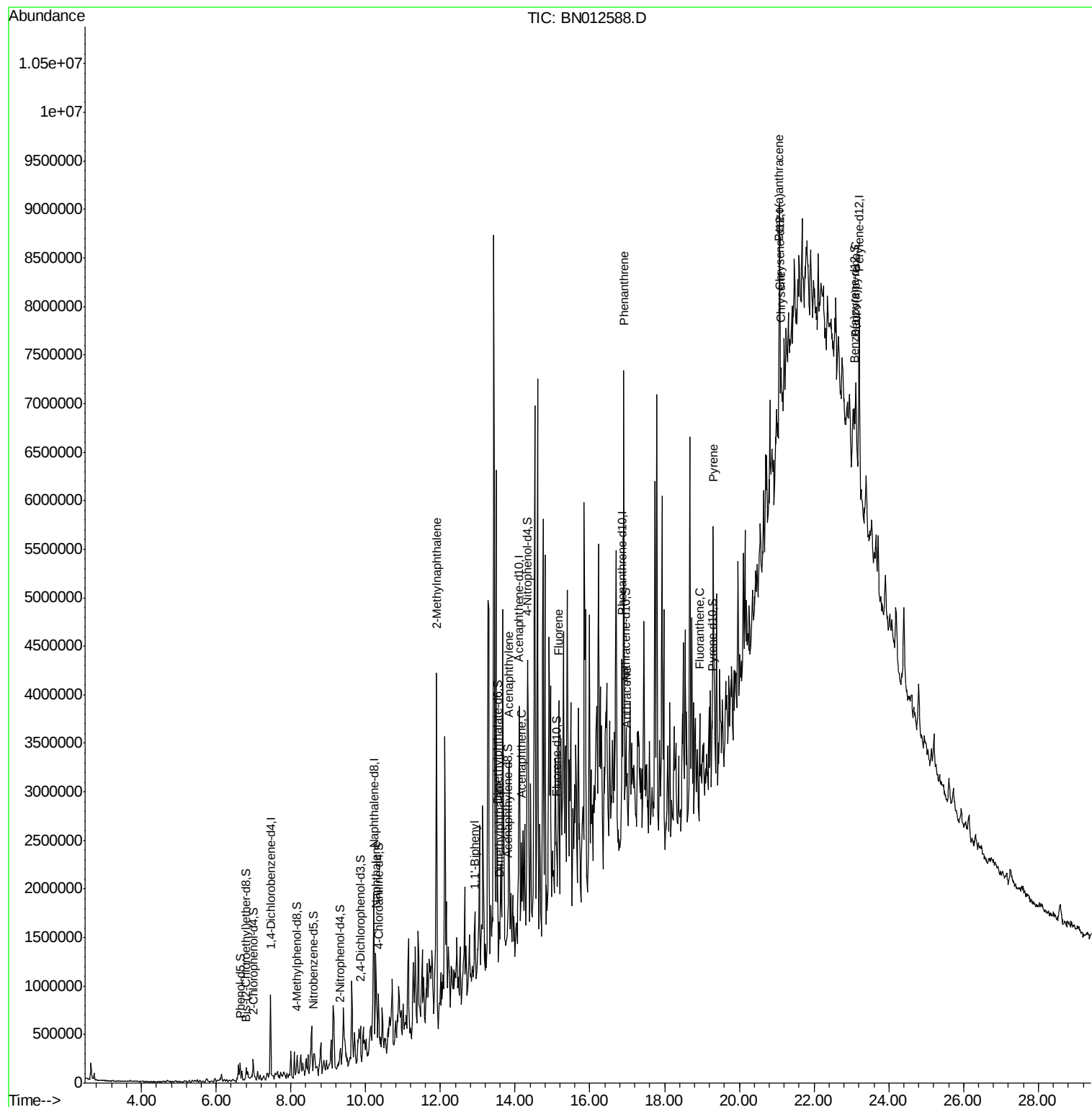
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

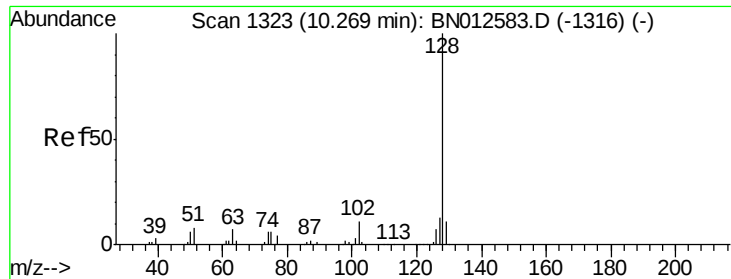
Instrument :
BNA_N
ClientSampled :
C0AC3DL

Quant Time: Nov 17 16:00:15 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 10:32:22 AM





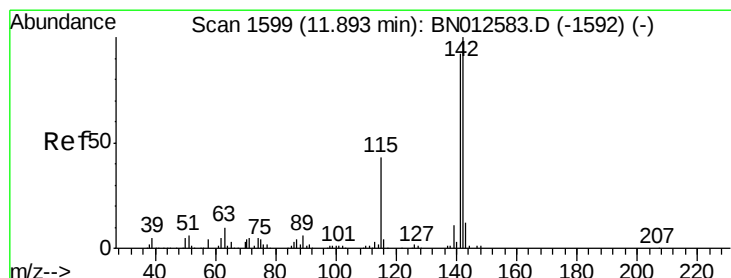
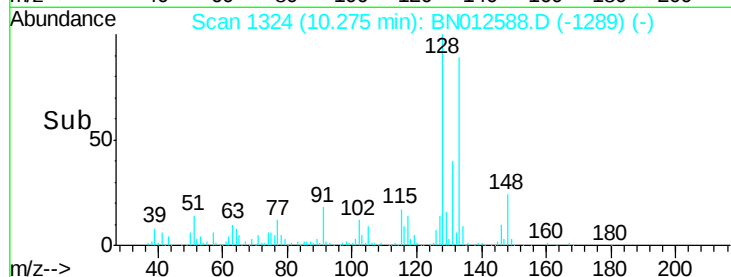
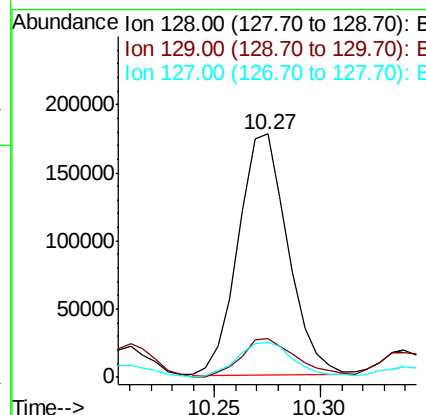
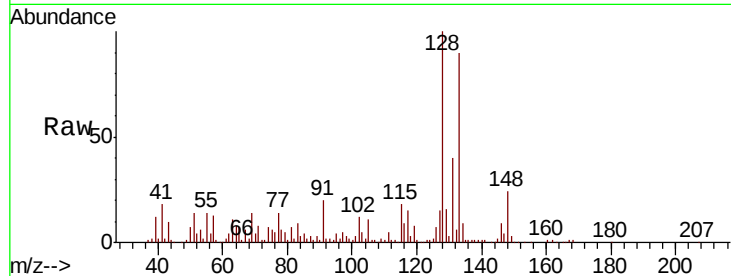
#28
Naphthalene
Concen: 6.020 ng/ul
RT: 10.27 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.1	8.6	12.8#
127	14.6	11.6	17.4

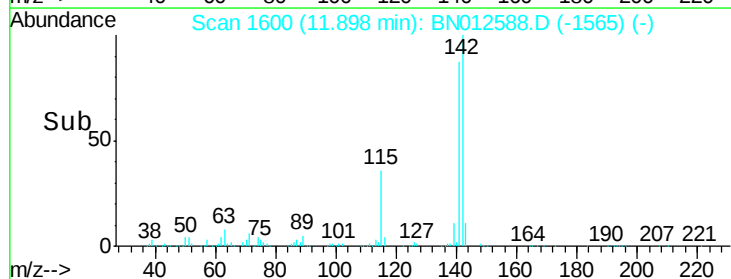
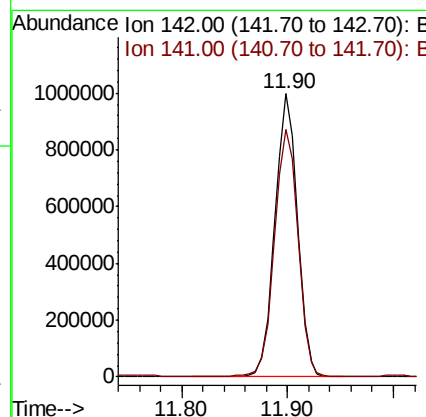
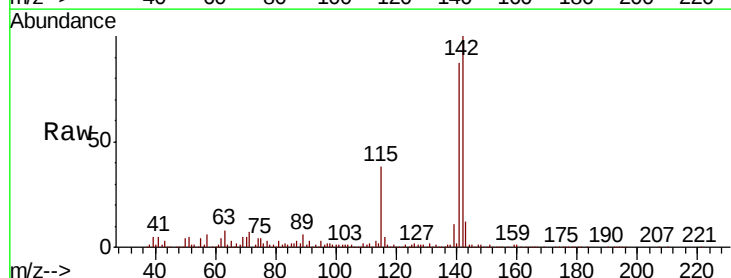
Manual Integrations
APPROVED

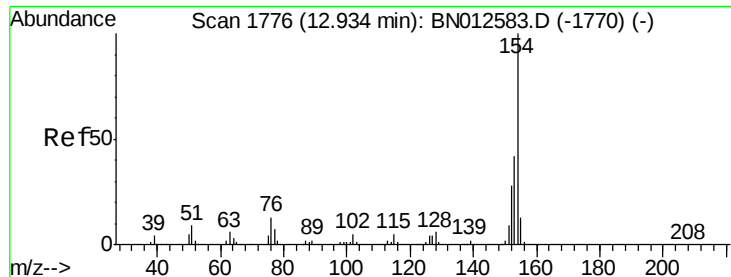
mohammad
11/19/2020 10:32:22 AM



#34
2-Methylnaphthalene
Concen: 43.669 ng/ul
RT: 11.90 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	73.8	110.8





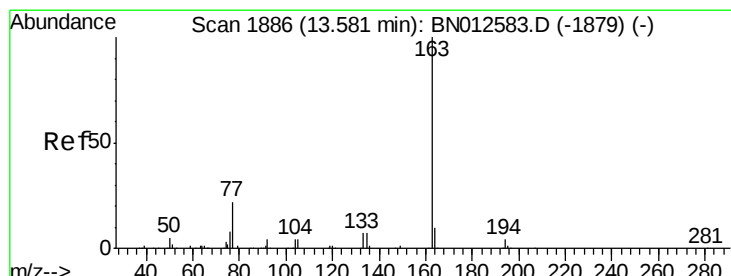
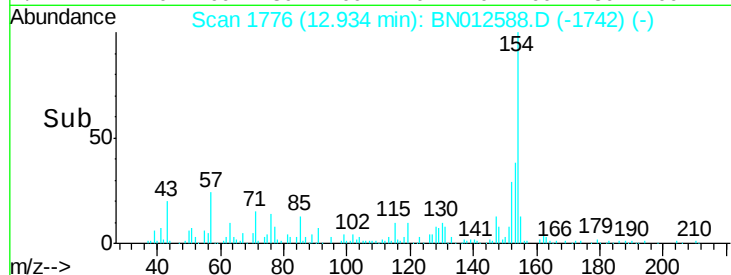
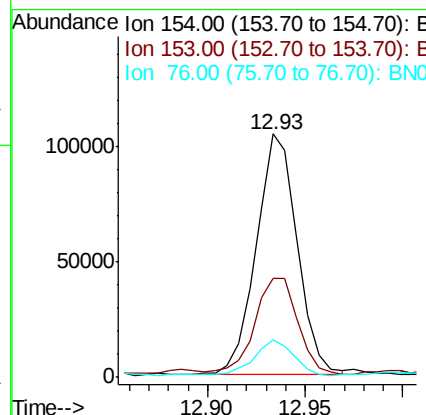
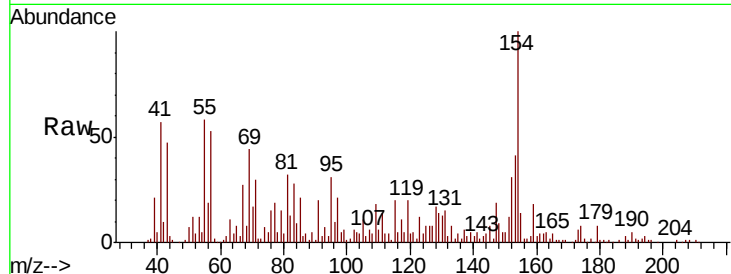
#41
1,1'-Biphenyl
Concen: 3.615 ng/ul
RT: 12.93 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	31.4	47.0
76	15.2	9.3	13.9

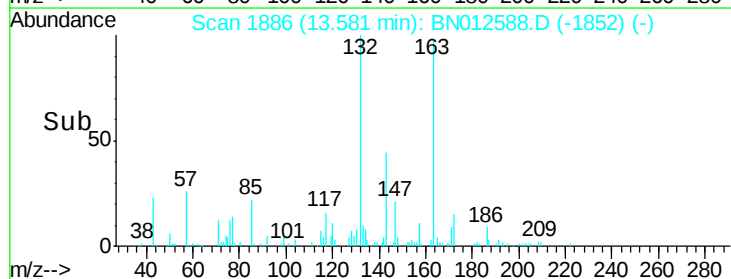
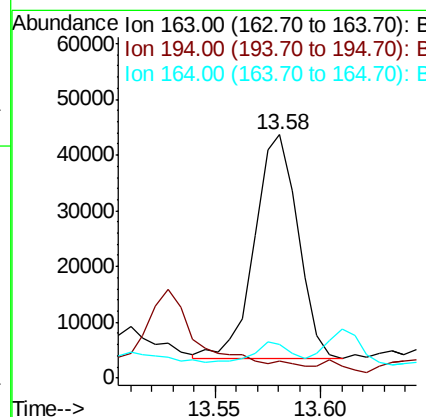
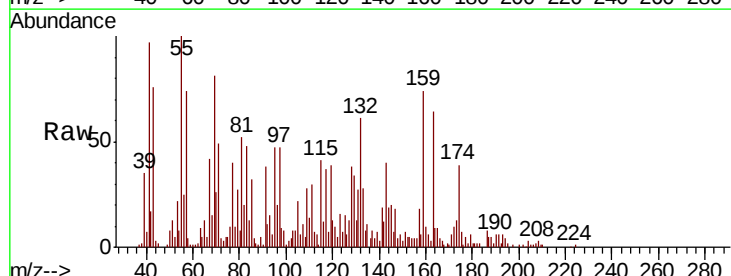
Manual Integrations
APPROVED

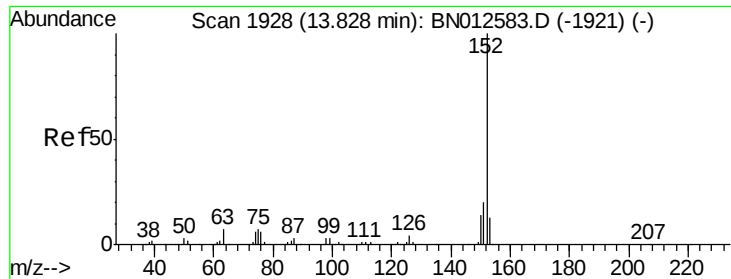
mohammad
11/19/2020 10:32:22 AM



#45
Dimethylphthalate
Concen: 1.374 ng/ul
RT: 13.58 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.1	3.0	4.4
164	13.7	8.6	13.0





#48

Acenaphthylene

Concen: 1.505 ng/ul

RT: 13.83 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BN012588.D

Acq: 17 Nov 2020 15:18

Instrument :

BNA_N

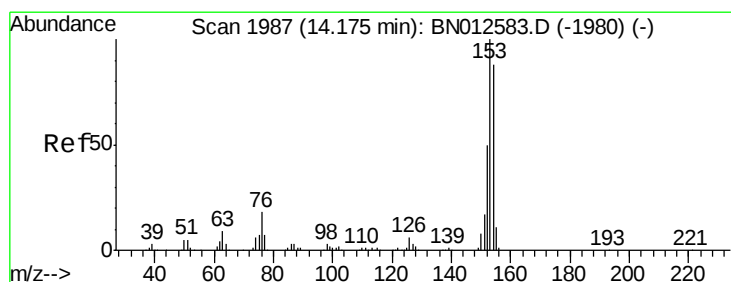
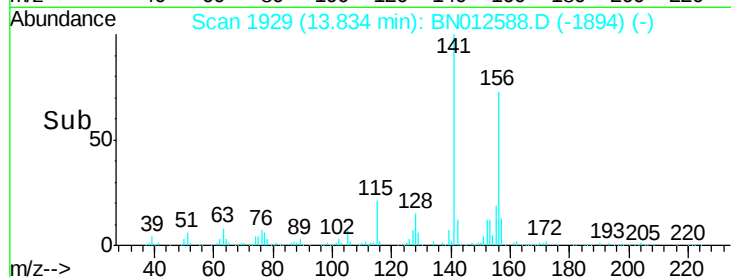
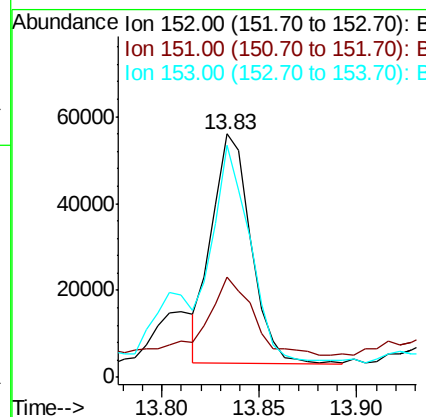
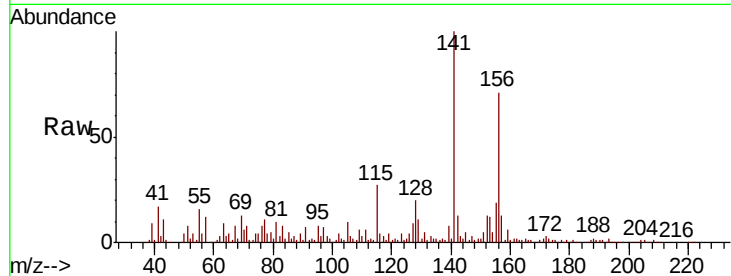
ClientSampleId :

C0AC3DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	41.3	15.5	23.3#
153	95.5	10.5	15.7#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:22 AM



#50

Acenaphthene

Concen: 3.785 ng/ul

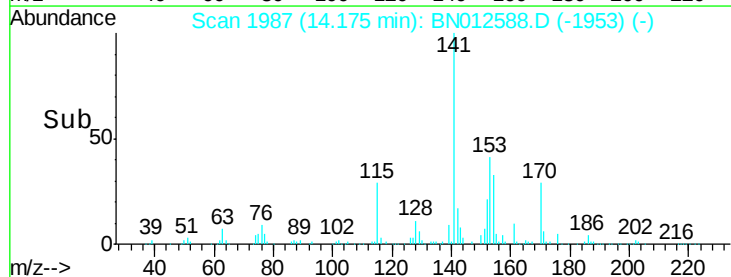
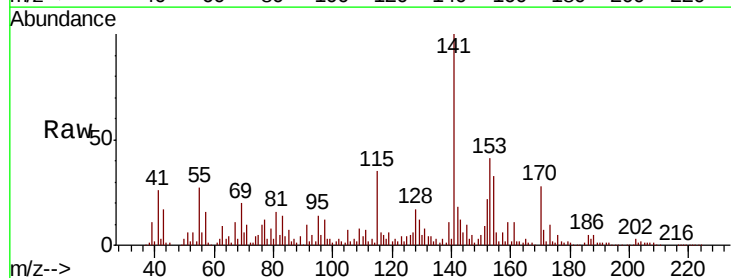
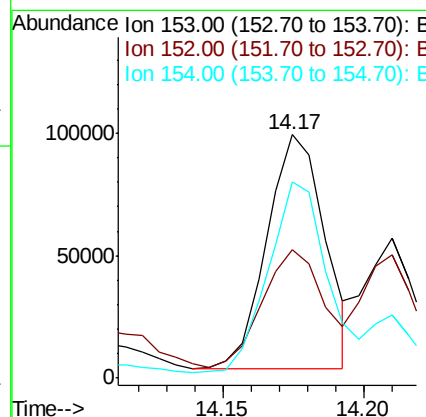
RT: 14.17 min Scan# 1987

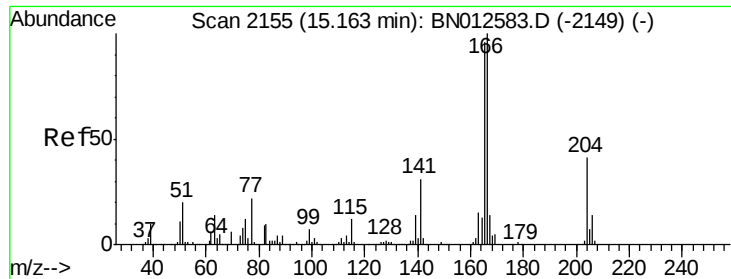
Delta R.T. -0.00 min

Lab File: BN012588.D

Acq: 17 Nov 2020 15:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.9	37.1	55.7
154	80.7	69.7	104.5





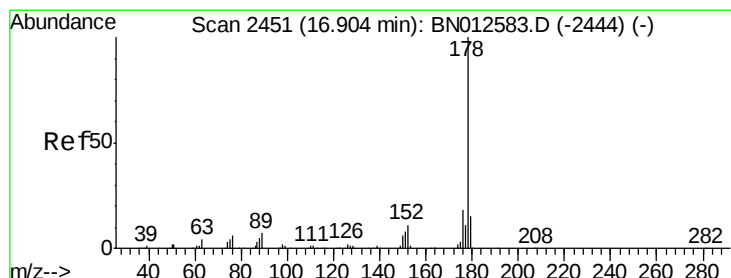
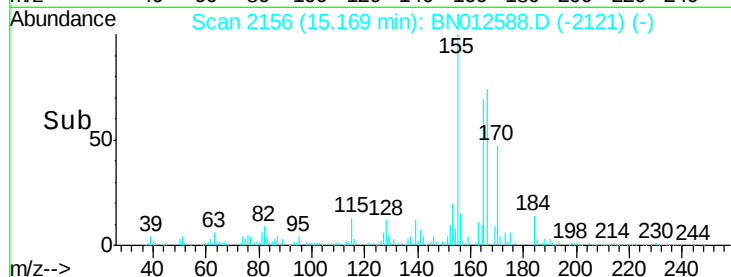
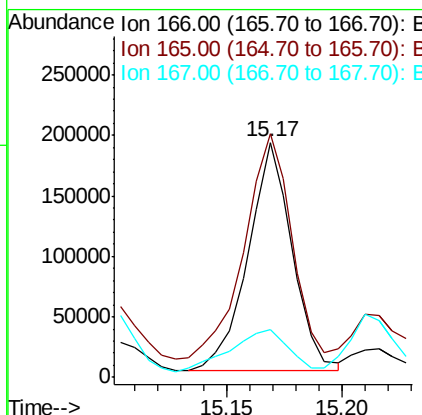
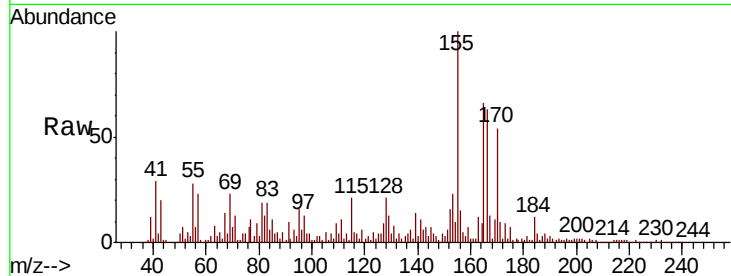
#59
Fluorene
Concen: 6.081 ng/ul
RT: 15.17 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.7	83.3	124.9
167	20.5	11.0	16.6

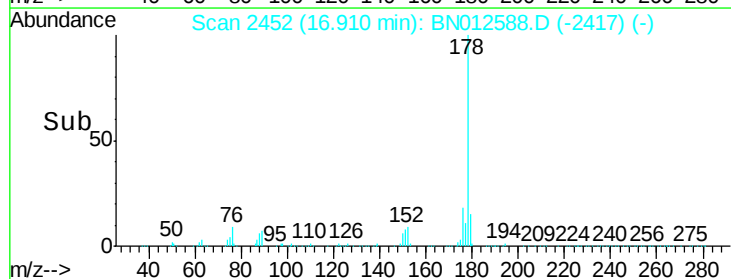
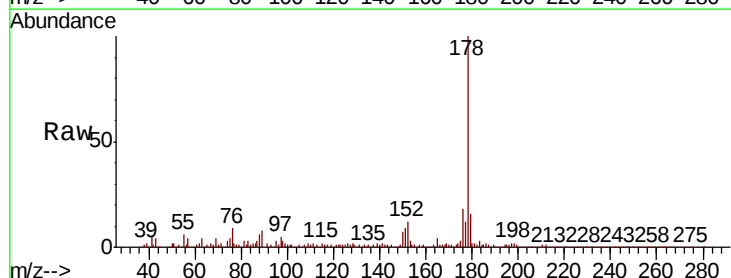
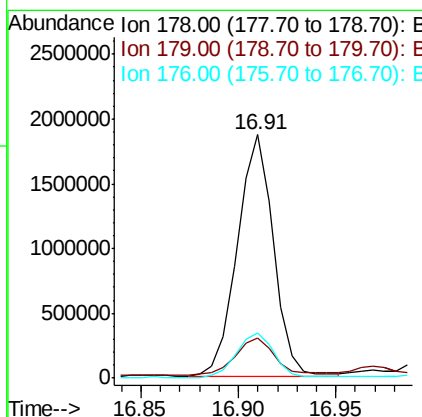
Manual Integrations
APPROVED

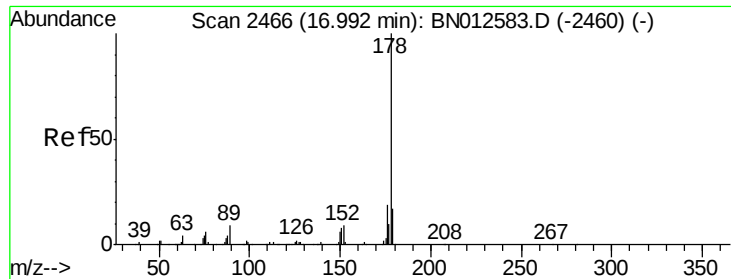
mohammad
11/19/2020 10:32:22 AM



#70
Phenanthrene
Concen: 40.590 ng/ul
RT: 16.91 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.1	19.7
176	18.4	15.4	23.0





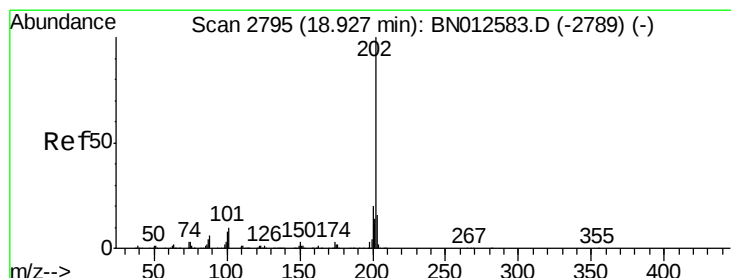
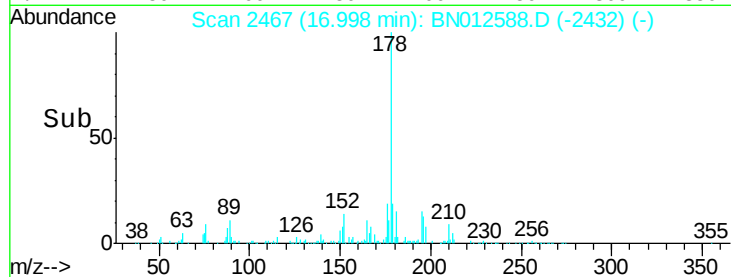
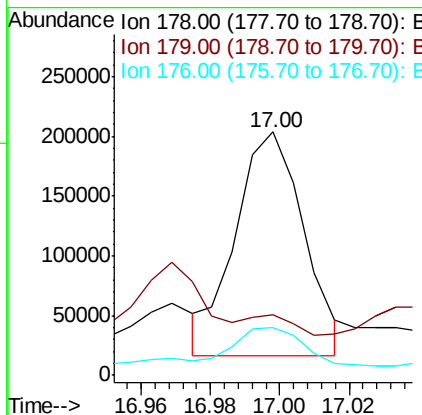
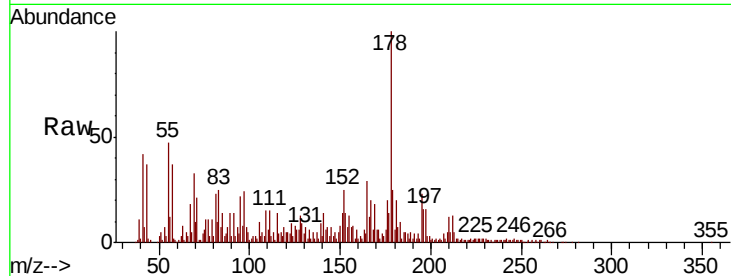
#72
 Anthracene
 Concen: 4.303 ng/ul
 RT: 17.00 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BN012588.D
 Acq: 17 Nov 2020 15:18

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.7	12.4	18.6#
176	19.8	14.8	22.2

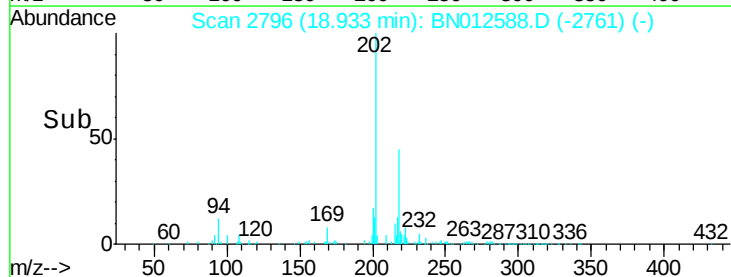
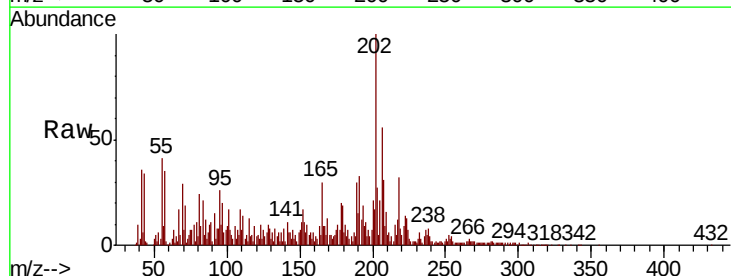
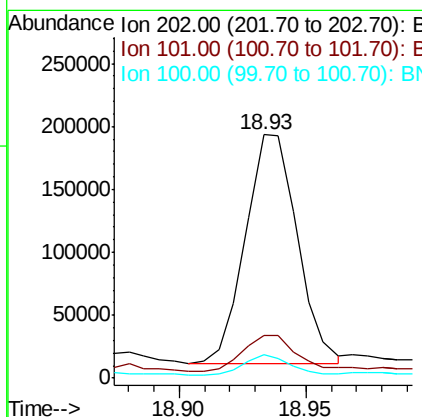
Manual Integrations
 APPROVED

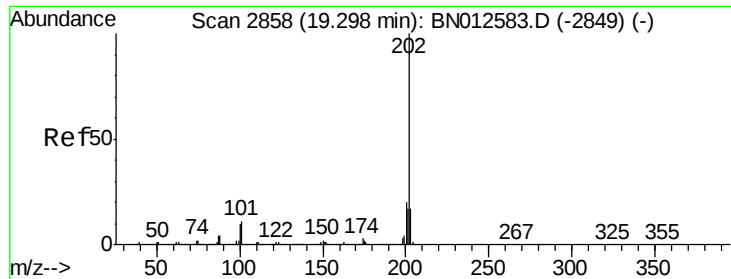
mohammad
 11/19/2020 10:32:22 AM



#77
 Fluoranthene
 Concen: 3.847 ng/ul
 RT: 18.93 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: BN012588.D
 Acq: 17 Nov 2020 15:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	10.2	15.2#
100	9.4	7.7	11.5





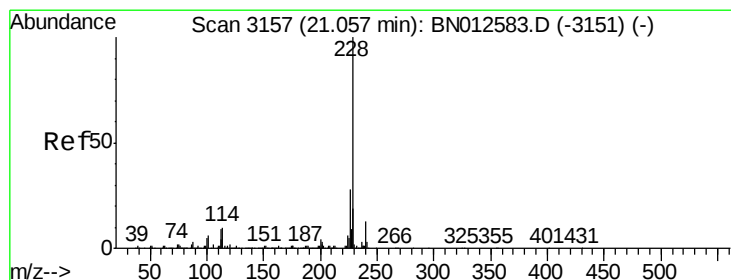
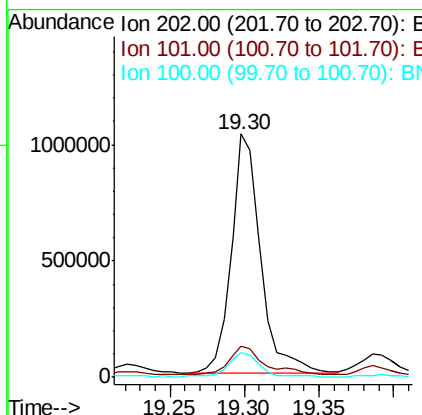
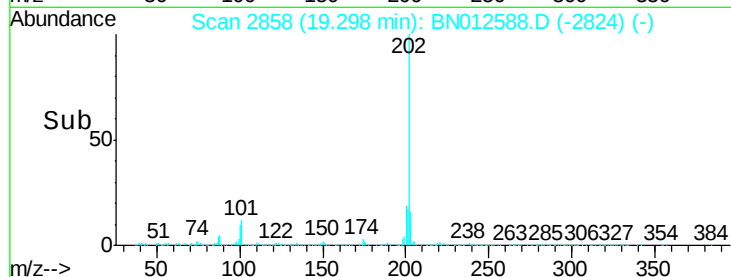
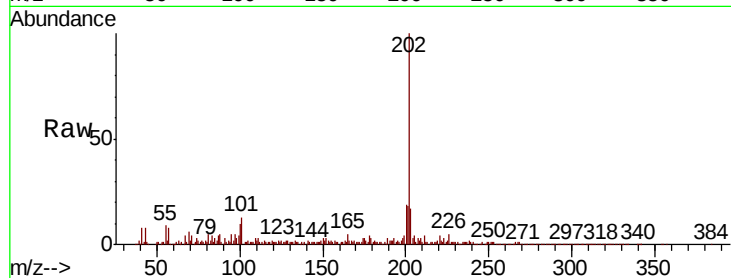
#80
Pvrene
Concen: 21.131 ng/ul
RT: 19.30 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Tot Ion:	202	Resp:	1405090
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	10.4	8.5	12.7

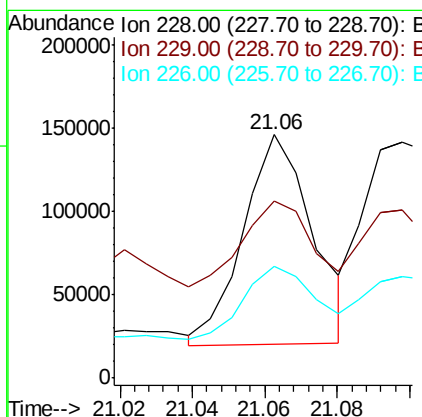
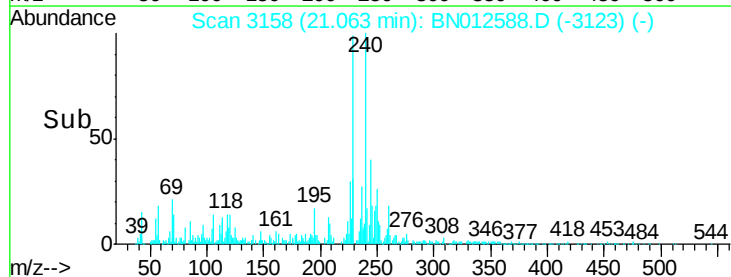
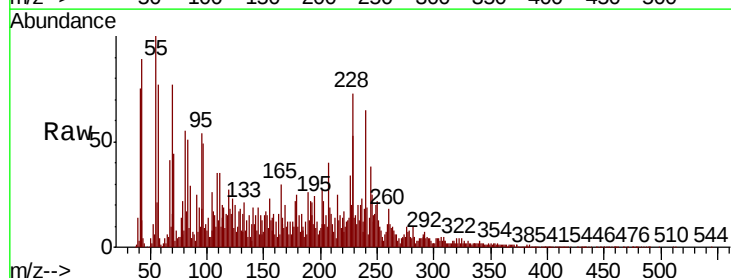
Manual Integrations
APPROVED

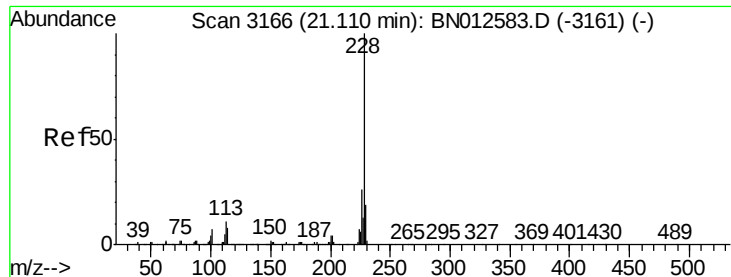
mohammad
11/19/2020 10:32:22 AM



#83
Benzo(a)anthracene
Concen: 2.659 ng/ul
RT: 21.06 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Tgt Ion:	228	Resp:	167392
Ion	Ratio	Lower	Upper
228	100		
229	72.9	15.0	22.6#
226	45.8	21.5	32.3#





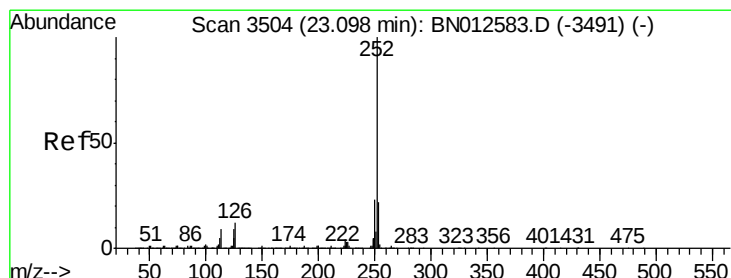
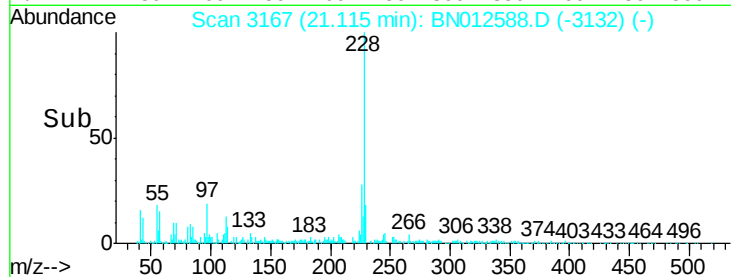
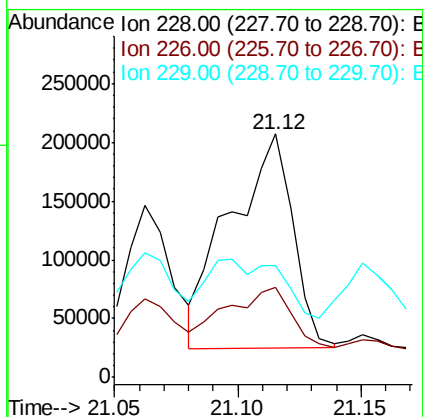
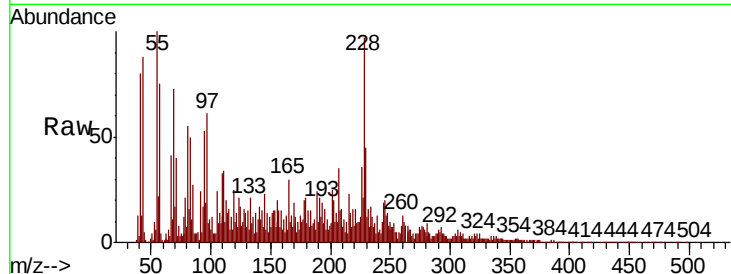
#85
Chrysene
Concen: 5.250 ng/ul m
RT: 21.12 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.1	24.3	36.5#
229	45.9	14.8	22.2#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:22 AM



#91
Benzo(a)pyrene
Concen: 1.247 ng/ul
RT: 23.12 min Scan# 3507
Delta R.T. 0.02 min
Lab File: BN012588.D
Acq: 17 Nov 2020 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.3	15.6	23.4#
125	58.5	9.2	13.8#

