

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
 Data File : BN012586.D
 Acq On : 17 Nov 2020 14:06
 Operator : CG/JU
 Sample : L4762-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 C0AB7DL

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:18 AM

Quant Time: Nov 17 15:00:19 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	212577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	840029	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	504154	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	971223	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	968557	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1044098	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	82139	4.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	56675	4.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	66640	4.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	67467	4.27	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	31900	4.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	32359	4.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	63042	4.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	181358m	12.61	ng/ul	-0.03
44) Dimethylphthalate-d6	13.53	166	190832	4.63	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	233296	4.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	41915	5.44	ng/ul	0.00
58) Fluorene-d10	15.11	176	161921	4.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.96	188	241001	4.88	ng/ul	0.00
79) Pyrene-d10	19.27	212	256597	5.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	273200	4.79	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.27	128	270774	5.576	ng/ul#	94
34) 2-Methylnaphthalene	11.90	142	1120641	33.065	ng/ul	98
41) 1,1'-Biphenyl	12.93	154	133207	3.188	ng/ul#	94
45) Dimethylphthalate	13.57	163	44257	1.067	ng/ul#	95
50) Acenaphthene	14.17	153	102845	2.861	ng/ul	93
54) Dibenzofuran	14.52	168	121184m	2.432	ng/ul	
59) Fluorene	15.17	166	198576	4.769	ng/ul#	91
70) Phenanthrene	16.90	178	1762968	29.525	ng/ul	97
72) Anthracene	16.99	178	214890m	3.550	ng/ul	
77) Fluoranthene	18.93	202	253087	3.685	ng/ul	96
80) Pyrene	19.30	202	1050210	15.230	ng/ul	99
83) Benzo(a)anthracene	21.06	228	139340	2.135	ng/ul#	36
85) Chrysene	21.11	228	237757	3.736	ng/ul#	68
88) Benzo(b)fluoranthene	22.57	252	80649	1.156	ng/ul#	13
91) Benzo(a)pyrene	23.11	252	70994	1.114	ng/ul#	21

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

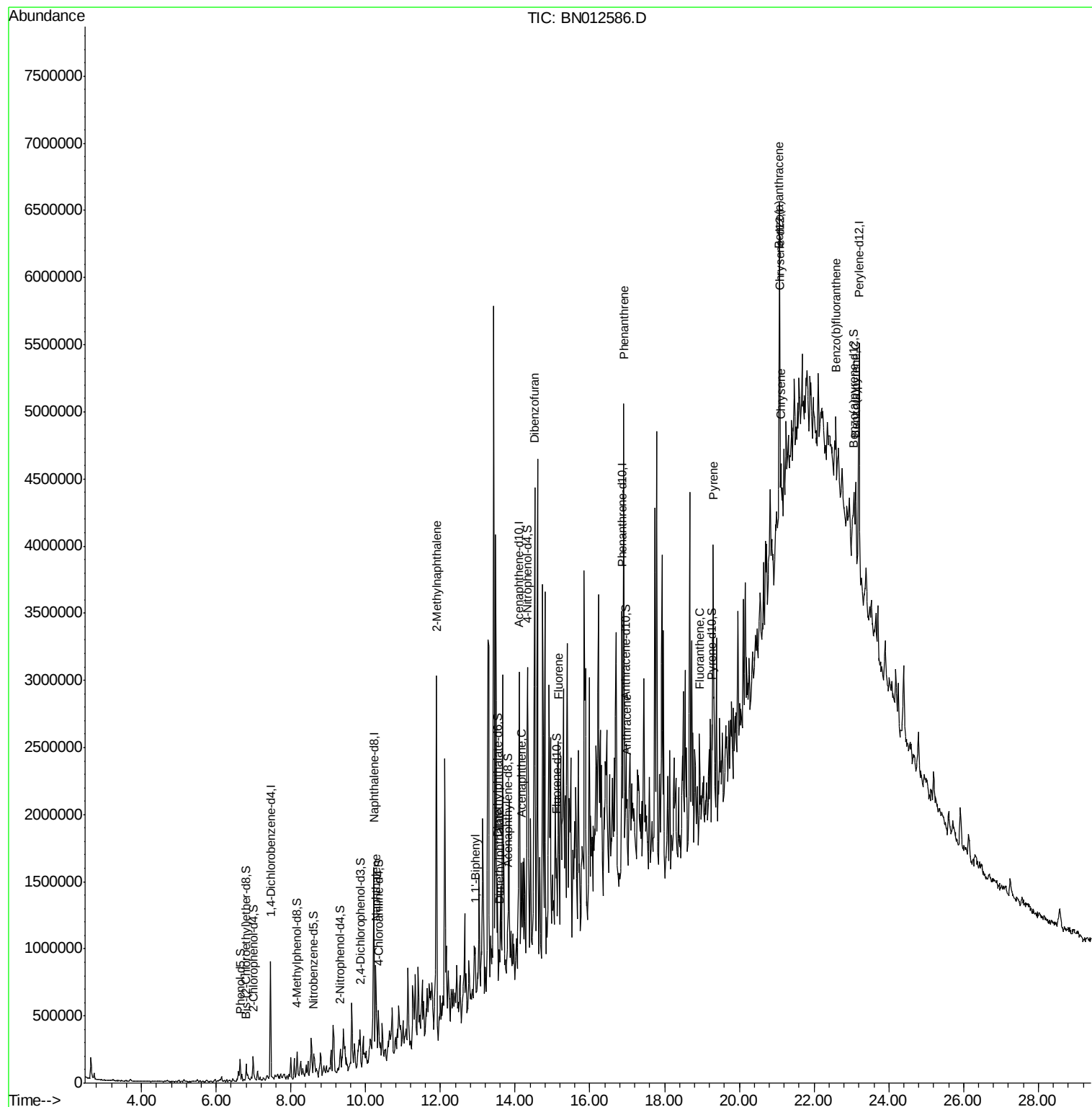
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

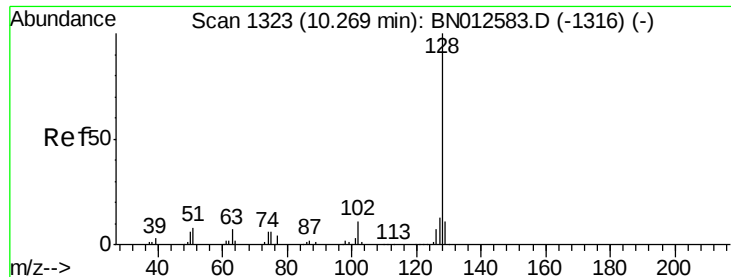
Instrument :
BNA_N
ClientSampleId :
C0AB7DL

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Quant Time: Nov 17 15:00:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





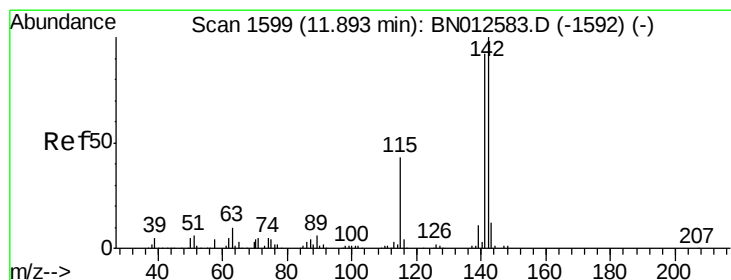
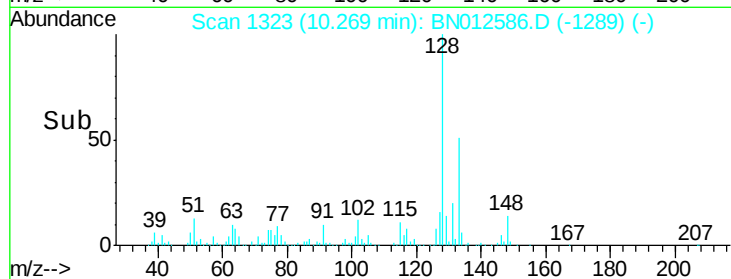
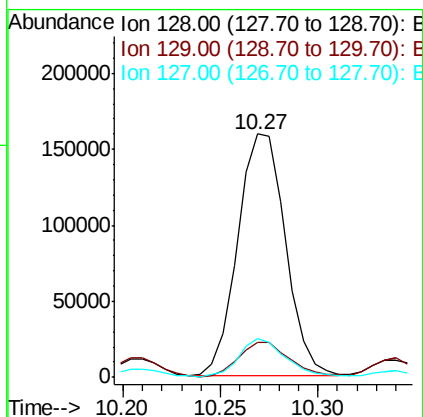
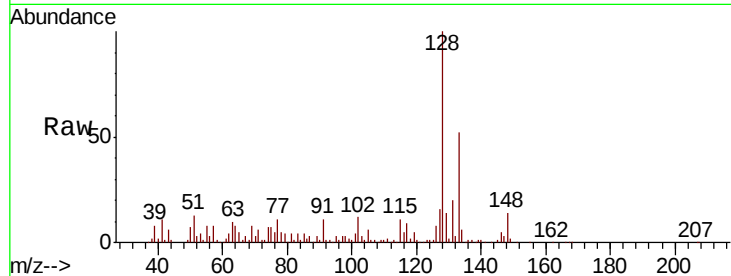
#28
Naphthalene
Concen: 5.576 ng/ul
RT: 10.27 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Instrument :
BNA_N
ClientSampleId :
C0AB7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.6	12.8#
127	15.9	11.6	17.4

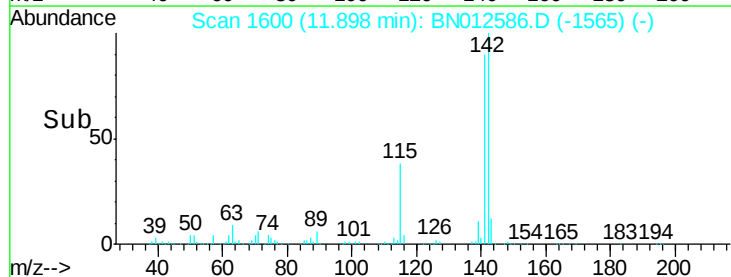
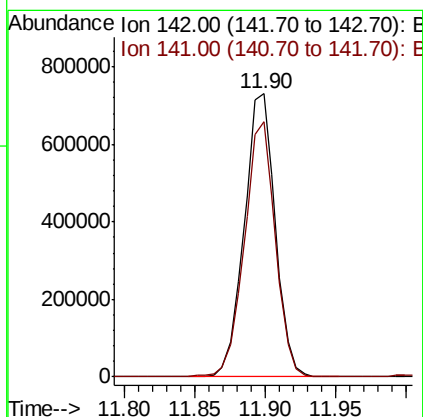
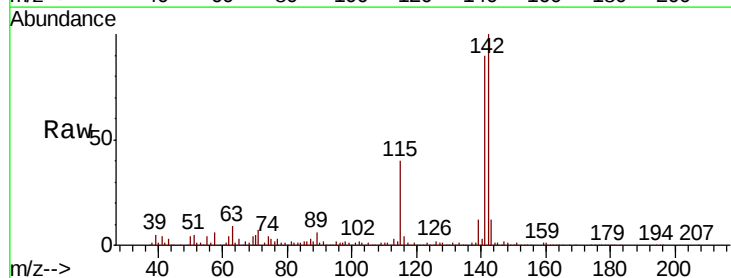
Manual Integrations
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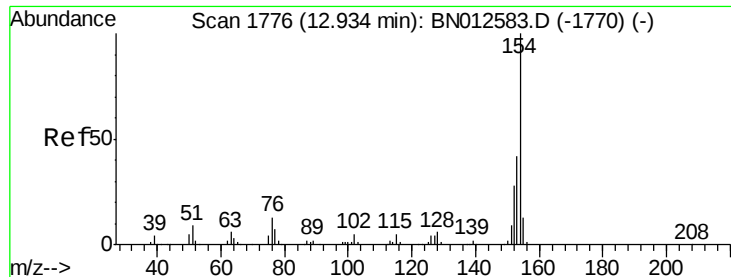
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#34
2-Methylnaphthalene
Concen: 33.065 ng/ul
RT: 11.90 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.8	110.8





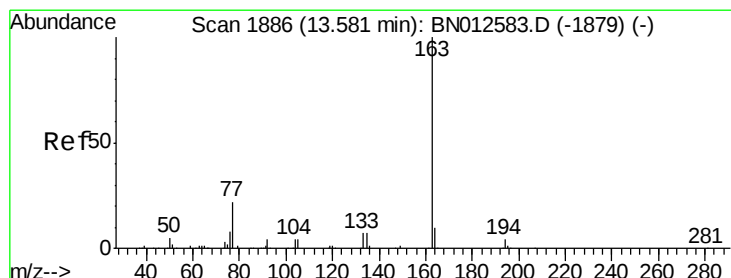
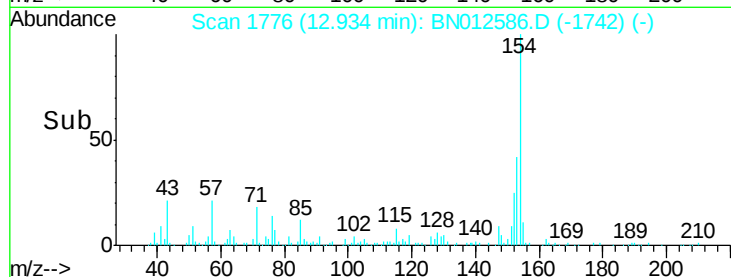
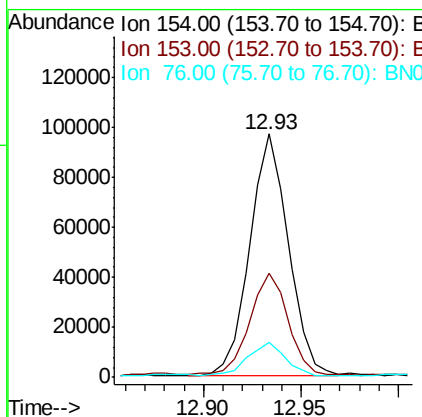
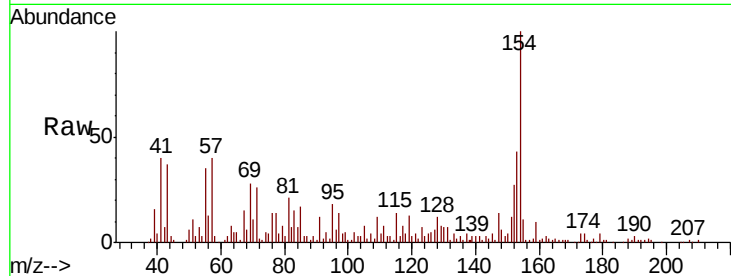
#41
1,1'-Biphenyl
Concen: 3.188 ng/ul
RT: 12.93 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Instrument :
BNA_N
ClientSampleId :
C0AB7DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.0	31.4	47.0
76	14.1	9.3	13.9

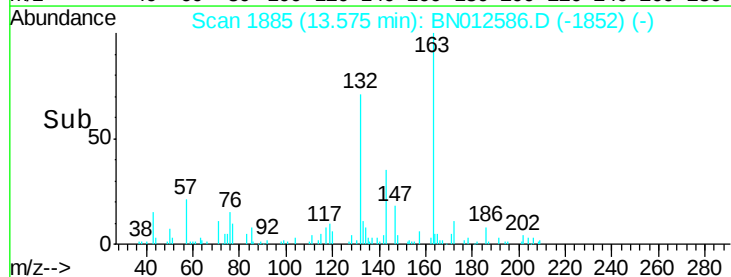
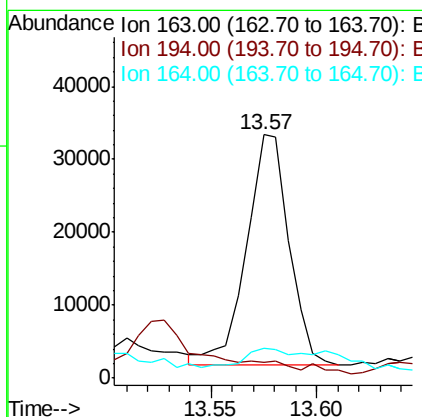
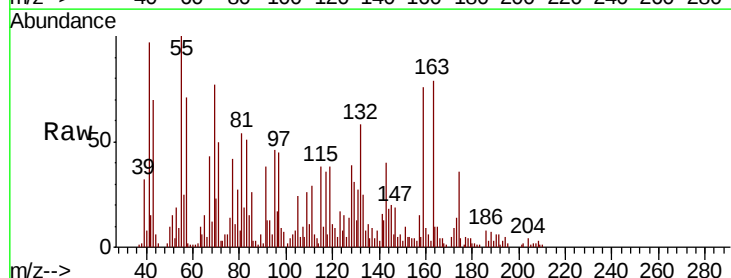
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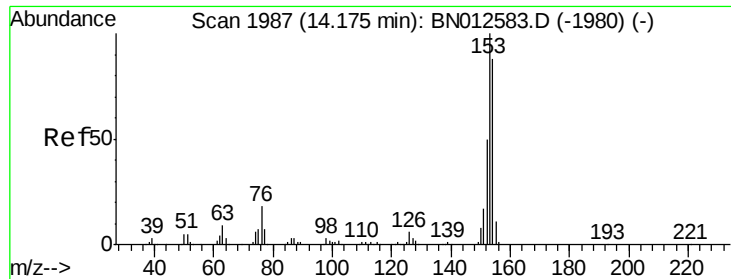
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#45
Dimethylphthalate
Concen: 1.067 ng/ul
RT: 13.57 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.0	4.4
164	12.2	8.6	13.0





#50

Acenaphthene

Concen: 2.861 ng/ul

RT: 14.17 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN012586.D

Acq: 17 Nov 2020 14:06

Instrument :

BNA_N

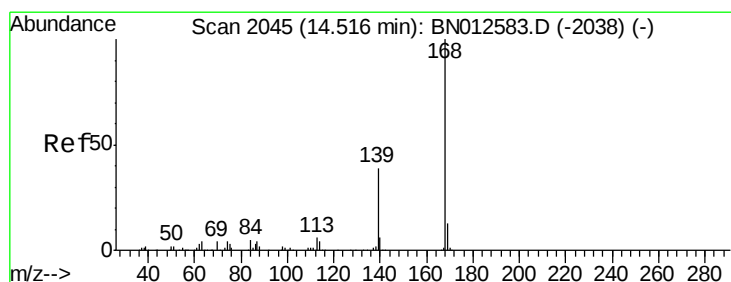
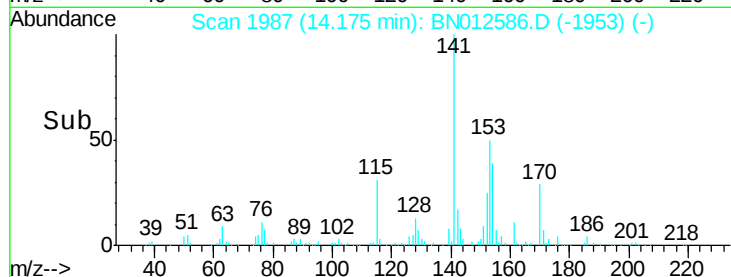
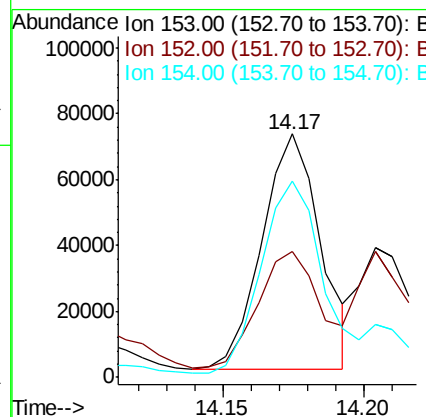
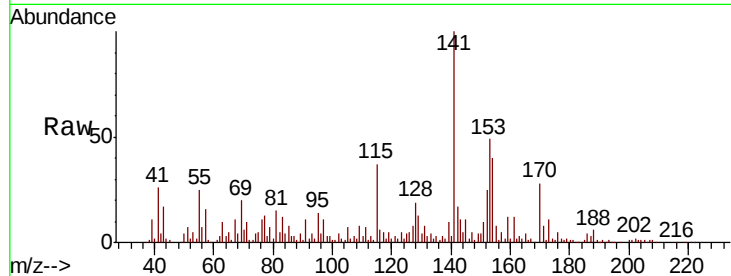
ClientSampled :

C0AB7DL

Tot Ion:	153	Resp:	102845
Ion Ratio	Lower	Upper	
153	100		
152	51.5	37.1	55.7
154	80.7	69.7	104.5

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#54

Dibenzofuran

Concen: 2.432 ng/ul m

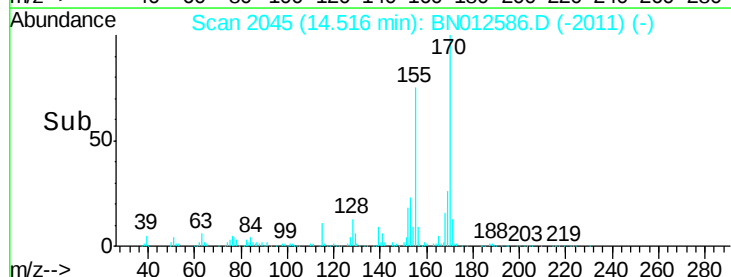
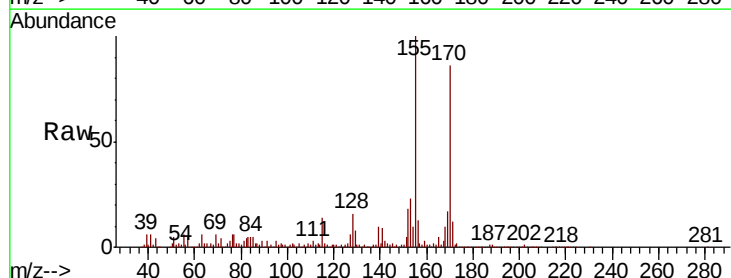
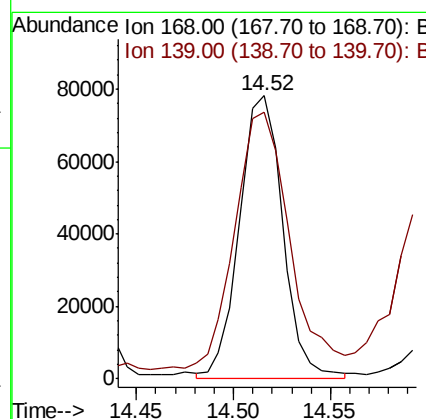
RT: 14.52 min Scan# 2045

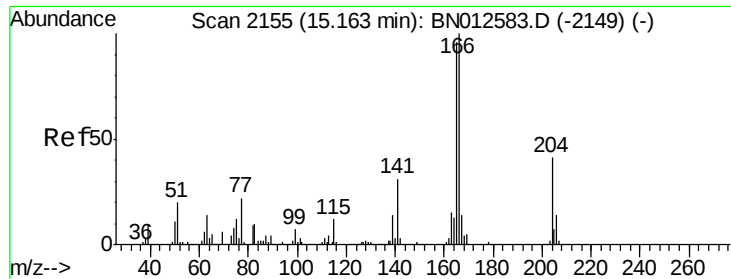
Delta R.T. -0.00 min

Lab File: BN012586.D

Acq: 17 Nov 2020 14:06

Tgt Ion:	168	Resp:	121184
Ion Ratio	Lower	Upper	
168	100		
139	94.4	30.5	45.7#





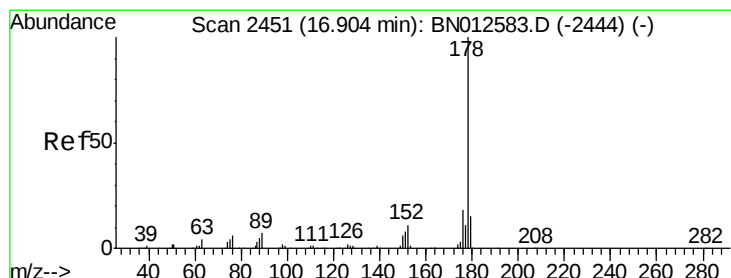
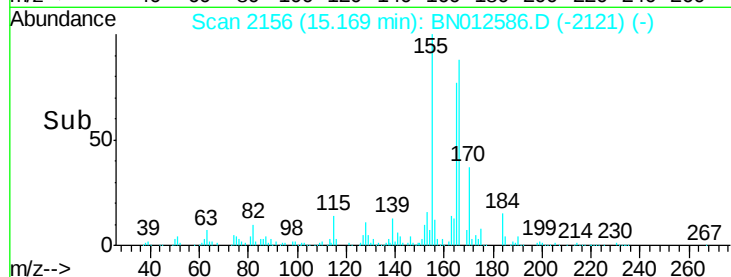
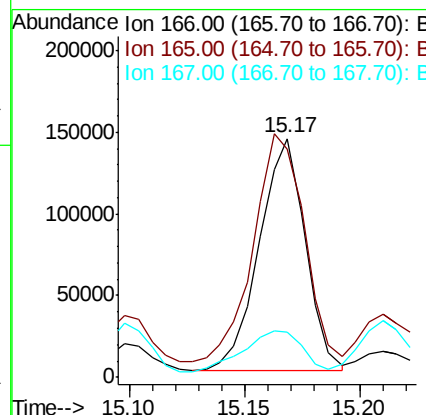
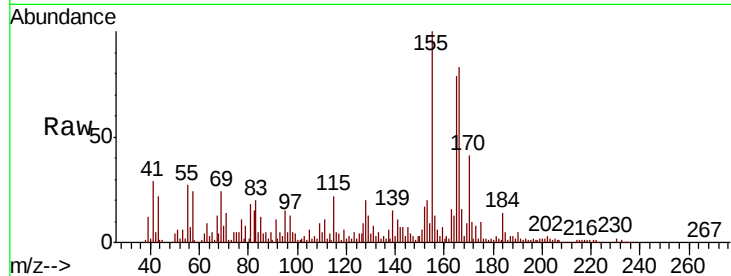
#59
Fluorene
Concen: 4.769 ng/ul
RT: 15.17 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Instrument :
BNA_N
ClientSampleId :
C0AB7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.4	83.3	124.9
167	19.1	11.0	16.6

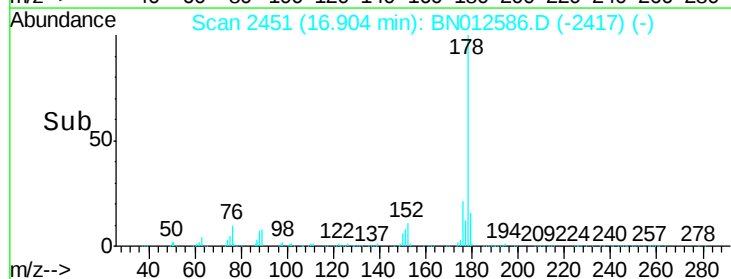
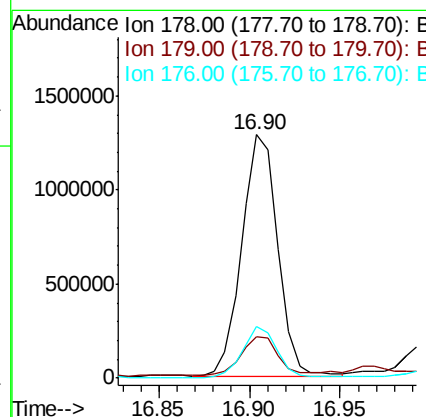
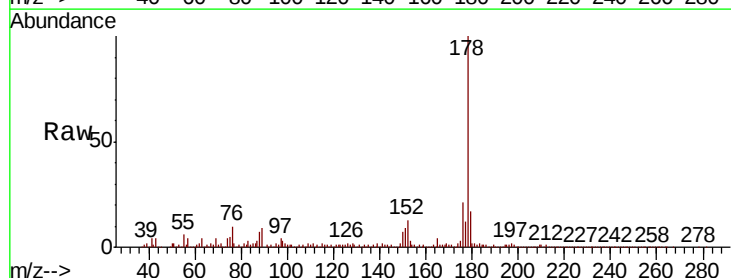
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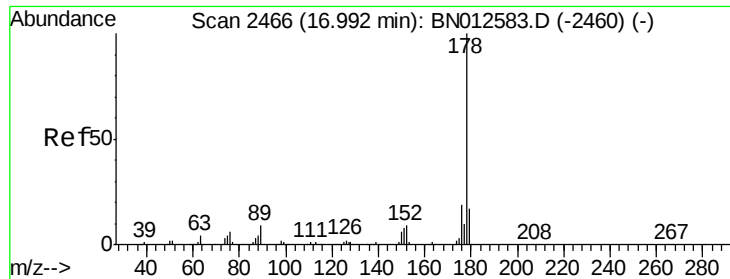
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#70
Phenanthrene
Concen: 29.525 ng/ul
RT: 16.90 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.1	19.7
176	21.1	15.4	23.0





#72

Anthracene

Concen: 3.550 ng/ul

RT: 16.99 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BN012586.D

Acq: 17 Nov 2020 14:06

Instrument :

BNA_N

ClientSampleId :

C0AB7DL

Tot Ion:178 Resp: 214890

Ion Ratio Lower Upper

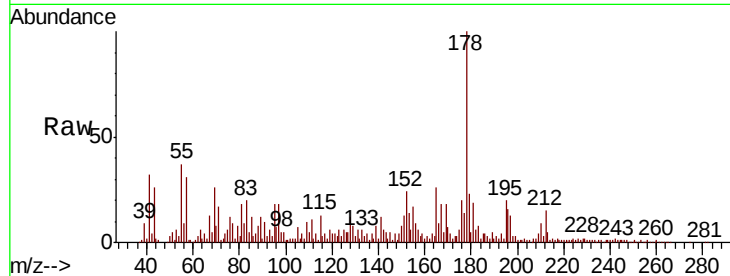
178 100

179 22.7 12.4 18.6#

176 20.3 14.8 22.2

Manual Integrations
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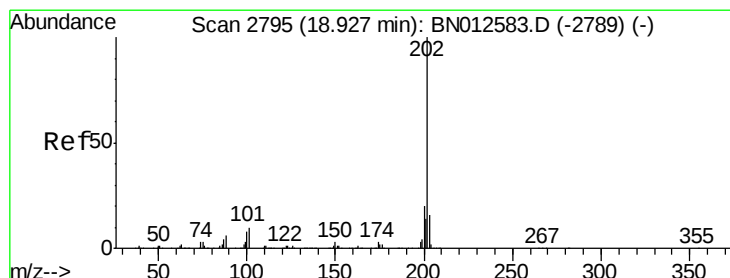
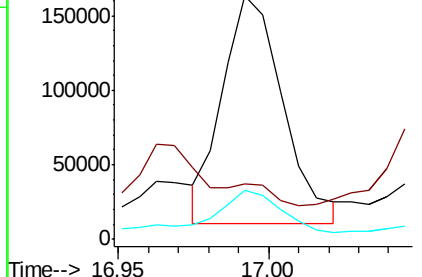
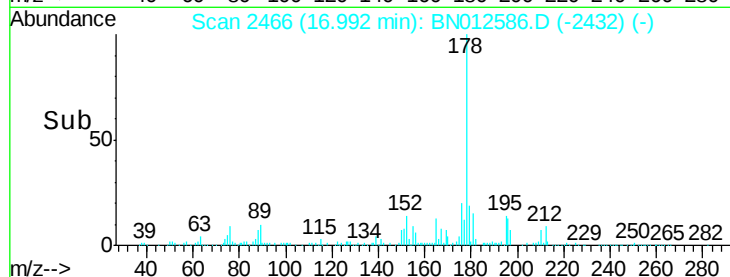
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 3.685 ng/ul

RT: 18.93 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BN012586.D

Acq: 17 Nov 2020 14:06

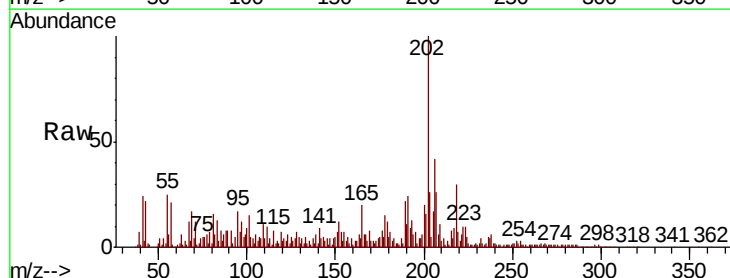
Tgt Ion:202 Resp: 253087

Ion Ratio Lower Upper

202 100

101 14.6 10.2 15.2

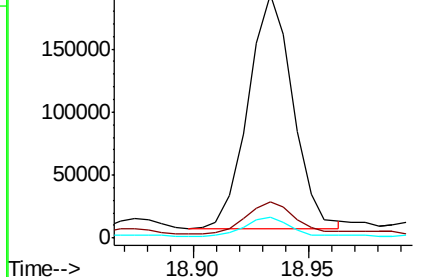
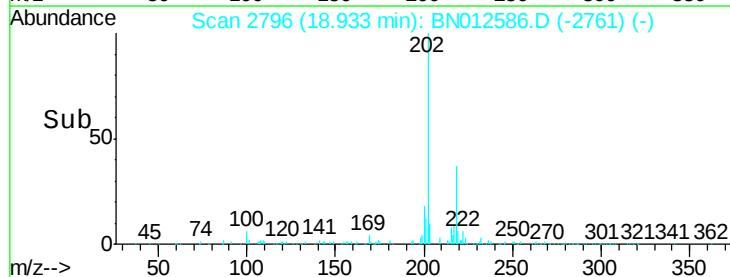
100 8.6 7.7 11.5

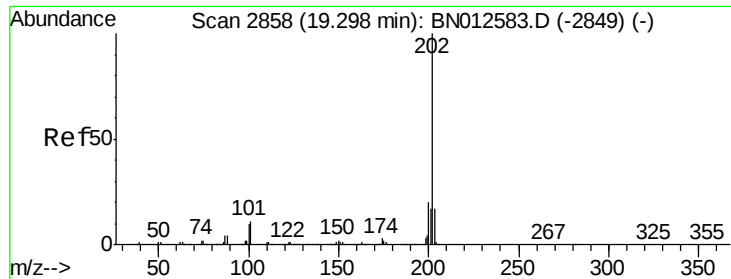


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





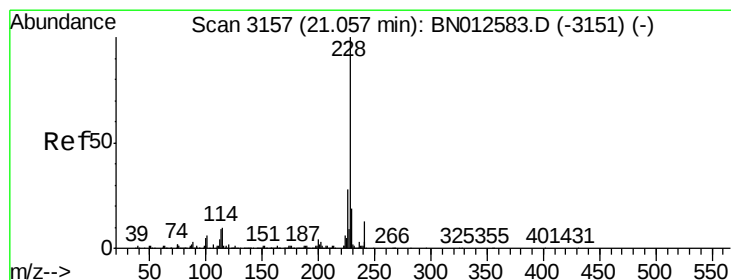
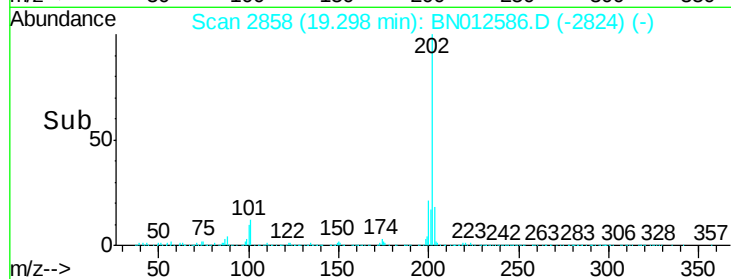
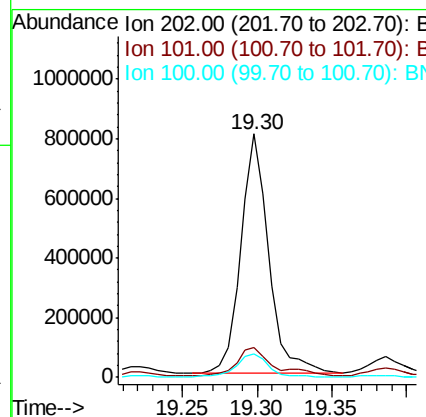
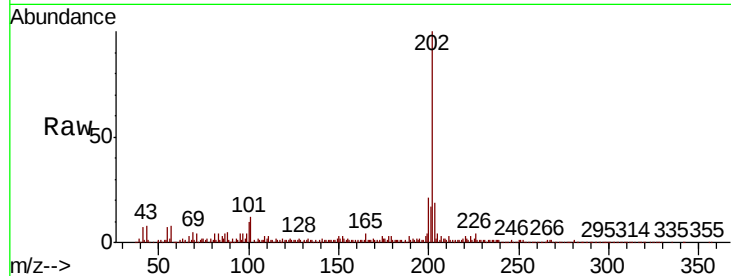
#80
Pvrene
Concen: 15.230 ng/ul
RT: 19.30 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Instrument :
BNA_N
ClientSampleId :
C0AB7DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.1	15.1
100	9.9	8.5	12.7

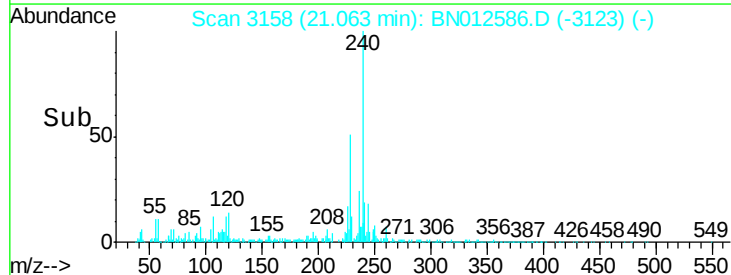
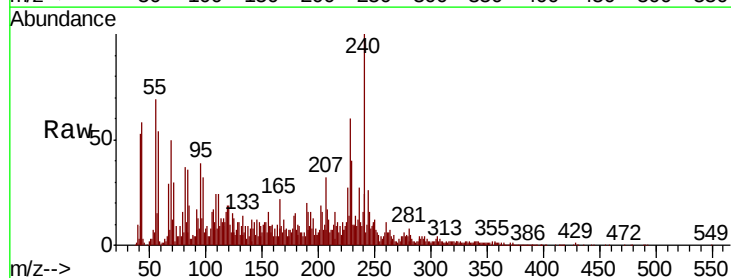
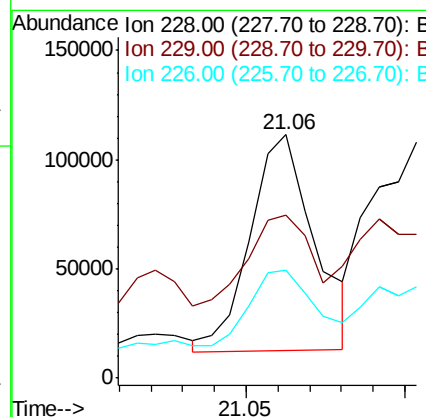
Manual Integrations
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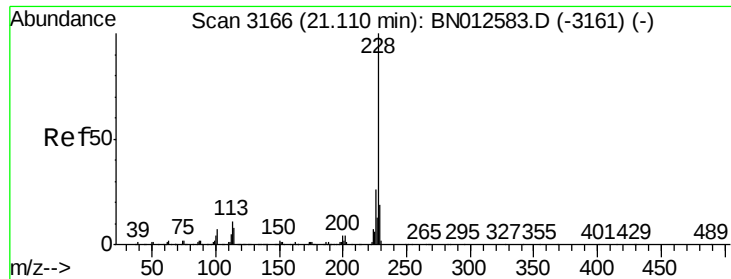
mohammad
11/19/2020 10:32:18 AM



#83
Benzo(a)anthracene
Concen: 2.135 ng/ul
RT: 21.06 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BN012586.D
Acq: 17 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	67.0	15.0	22.6#
226	44.5	21.5	32.3#





#85

Chrysene

Concen: 3.736 ng/ul

RT: 21.11 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BN012586.D

Acq: 17 Nov 2020 14:06

Instrument :

BNA_N

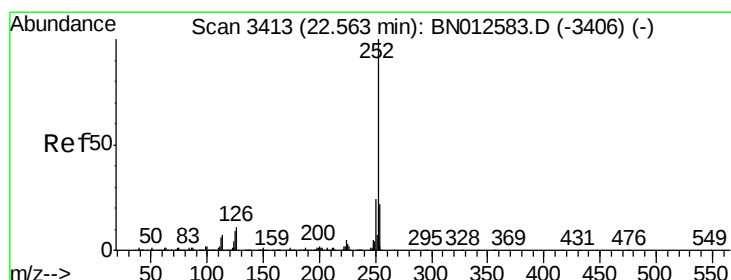
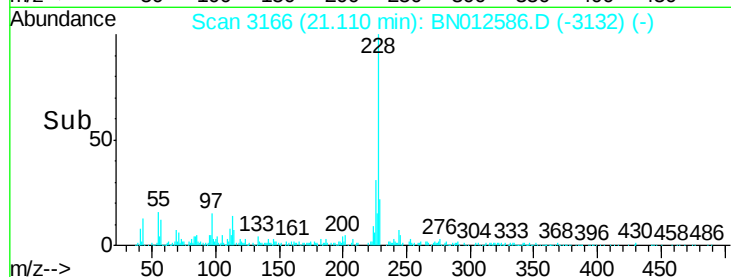
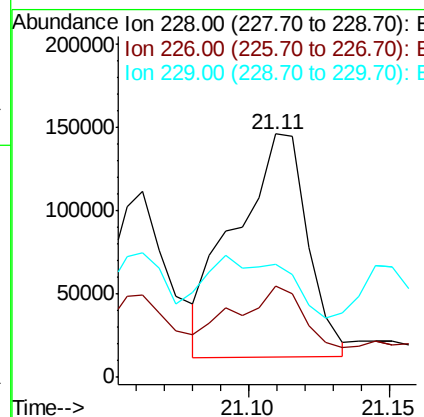
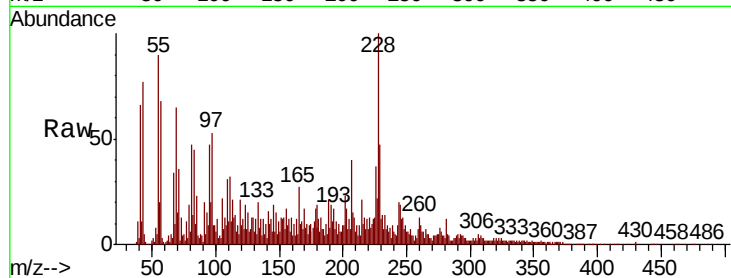
ClientSampleID :

C0AB7DL

Tot Ion:	228	Resp:	237757
Ion Ratio	Lower	Upper	
228	100		
226	37.4	24.3	36.5#
229	46.6	14.8	22.2#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:18 AM



#88

Benzo(b)fluoranthene

Concen: 1.156 ng/ul

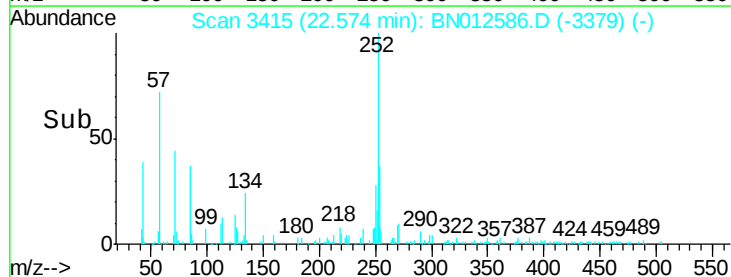
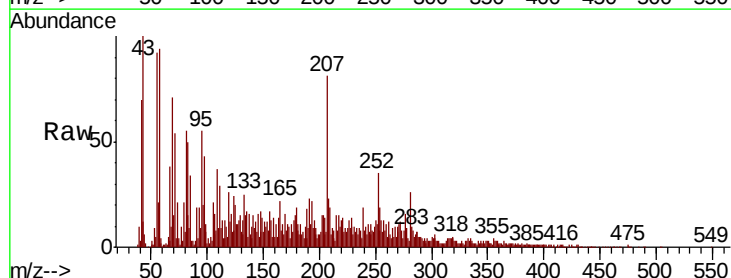
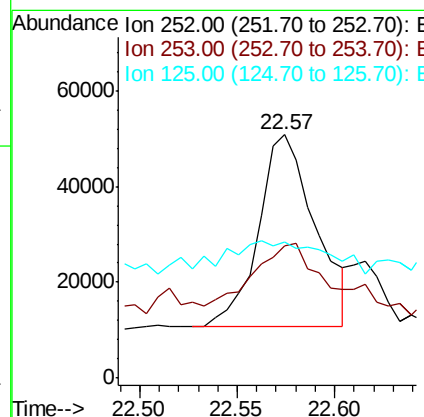
RT: 22.57 min Scan# 3415

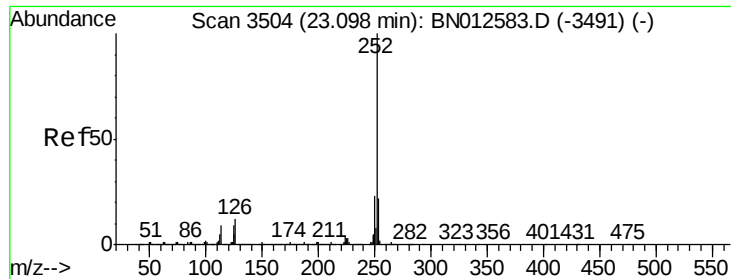
Delta R.T. 0.01 min

Lab File: BN012586.D

Acq: 17 Nov 2020 14:06

Tgt Ion:	252	Resp:	80649
Ion Ratio	Lower	Upper	
252	100		
253	54.5	17.2	25.8#
125	56.0	8.2	12.4#





#91

Benzo(a)pyrene

Concen: 1.114 ng/ul

RT: 23.11 min Scan# 3506

Delta R.T. 0.01 min

Lab File: BN012586.D

Acq: 17 Nov 2020 14:06

Instrument :

BNA_N

ClientSampleId :

C0AB7DL

Tot Ion:	252	Resp:	70994
Ion Ratio	Lower	Upper	
252	100		
253	50.0	15.6	23.4#
125	50.1	9.2	13.8#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:18 AM

