

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011434.D
 Acq On : 14 Aug 2020 20:00
 Operator : CG/JU
 Sample : L3631-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFML8DL

Manual Integrations
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Quant Time: Aug 17 01:49:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	153082	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	665137	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	375952	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	807109	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	924127	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	831555	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2158m	0.68	ng/uL	0.01
5) Phenol-d5	6.65	99	36994	3.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	18002	3.26	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	38529	3.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	29636	3.37	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	16593	3.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	16045	2.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	36968	3.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	43440m	3.32	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	121986	4.17	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	135026	3.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	7945m	1.60	ng/ul	0.02
58) Fluorene-d10	15.07	176	96687	3.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	8444	1.58	ng/ul	0.00
71) Anthracene-d10	16.92	188	158184	4.10	ng/ul	0.00
79) Pyrene-d10	19.23	212	198045	4.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	211435	4.58	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.55	163	34135	1.136	ng/ul#	96
70) Phenanthrene	16.87	178	291910	6.098	ng/ul	98
72) Anthracene	16.96	178	67146	1.385	ng/ul	98
77) Fluoranthene	18.90	202	722789	12.339	ng/ul	98
80) Pyrene	19.26	202	834285	12.829	ng/ul	98
83) Benzo(a)anthracene	21.03	228	408411	6.643	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.99	149	56628	1.712	ng/ul	96
85) Chrysene	21.08	228	384431	6.295	ng/ul	98
88) Benzo(b)fluoranthene	22.54	252	422506m	7.268	ng/ul	
89) Benzo(k)fluoranthene	22.56	252	139872m	2.423	ng/ul	
91) Benzo(a)pyrene	23.06	252	454165	8.479	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.20	276	241344	3.515	ng/ul	97
94) Benzo(g,h,i)perylene	25.83	276	461178	8.103	ng/ul	96

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

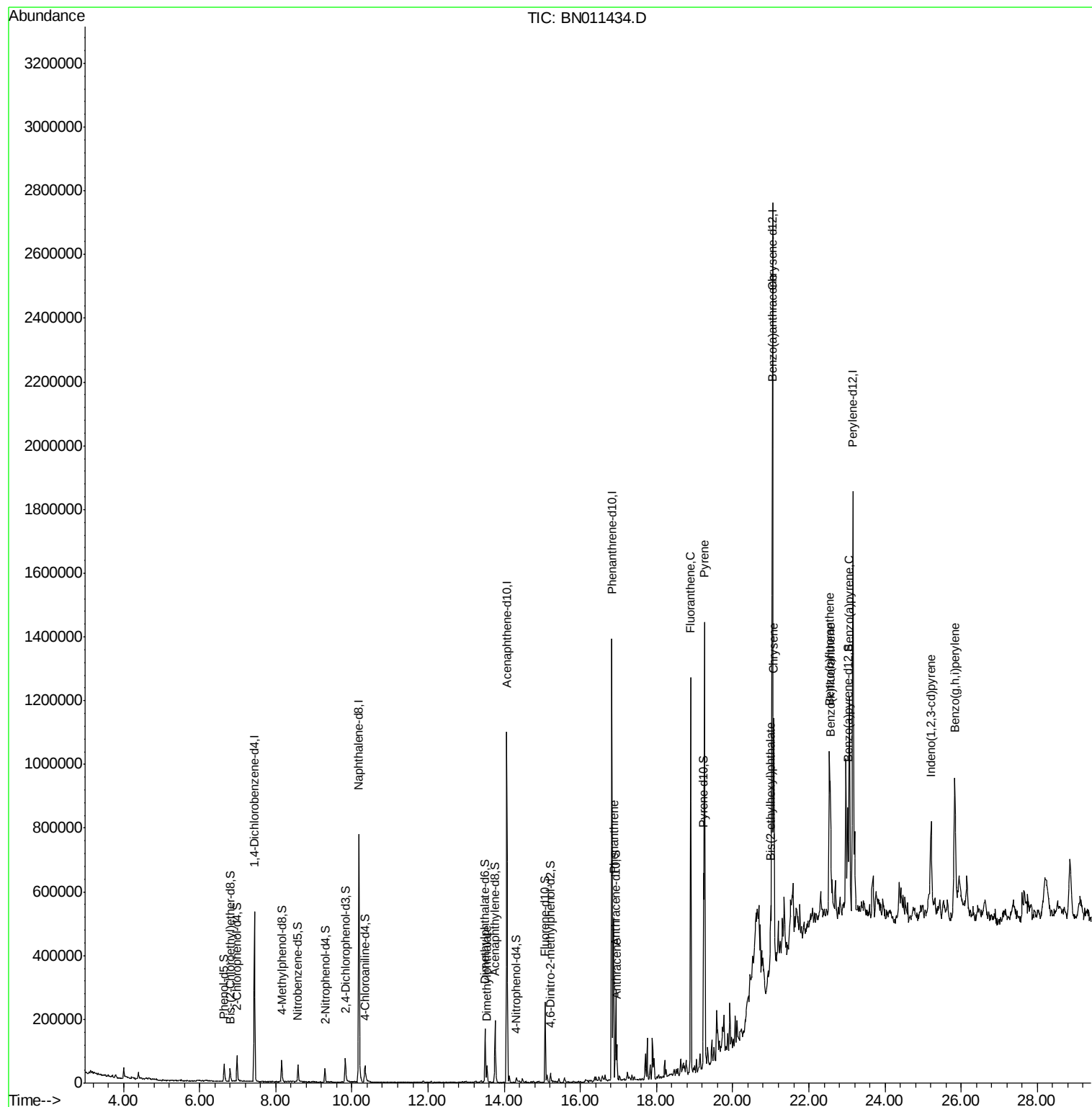
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011434.D
Acq On : 14 Aug 2020 20:00
Operator : CG/JU
Sample : L3631-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

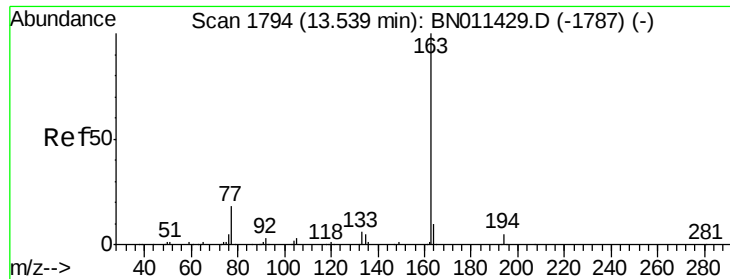
Instrument :
BNA_N
ClientSampleId :
BFML8DL

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Quant Time: Aug 17 01:49:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
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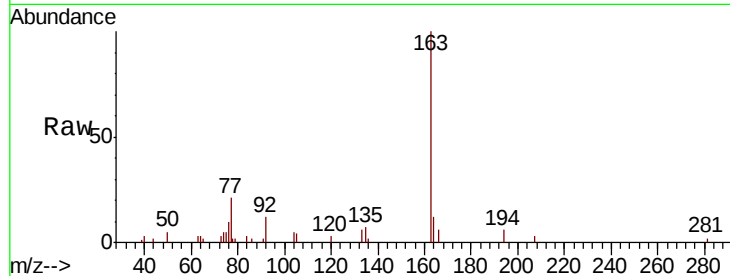
#45
Dimethylphthalate
Concen: 1.136 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Instrument :
BNA_N
ClientSampleId :
BFML8DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	34135		
194	6.0	3.8	5.6#	
164	12.5	8.7	13.1	

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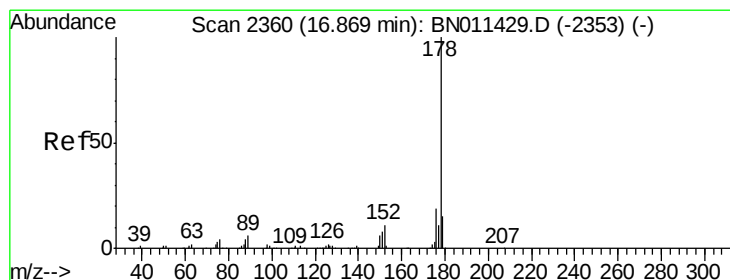
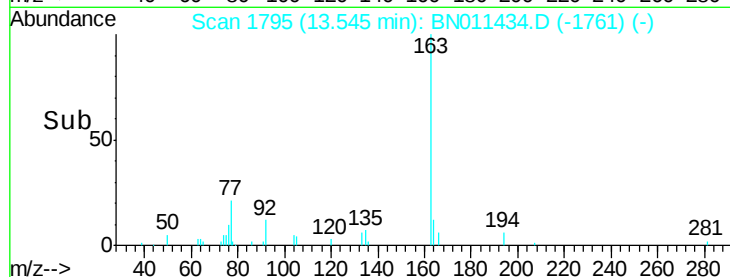
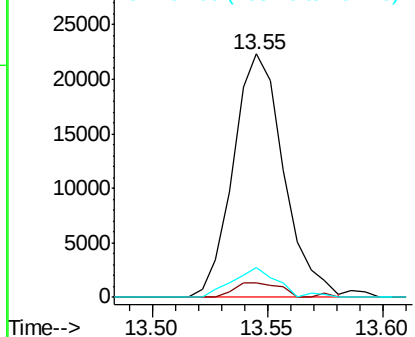


Abundance

Ion 163.00 (162.70 to 163.70): E

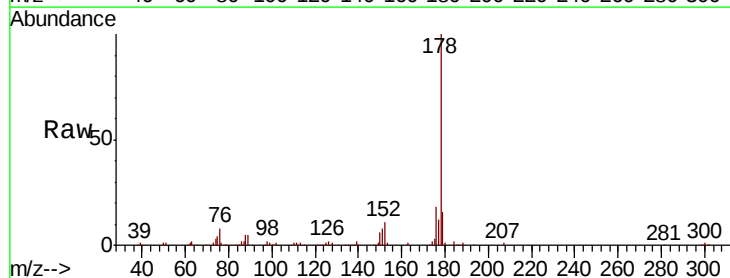
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 6.098 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	291910		
179	16.0	13.1	19.7	
176	18.1	15.7	23.5	

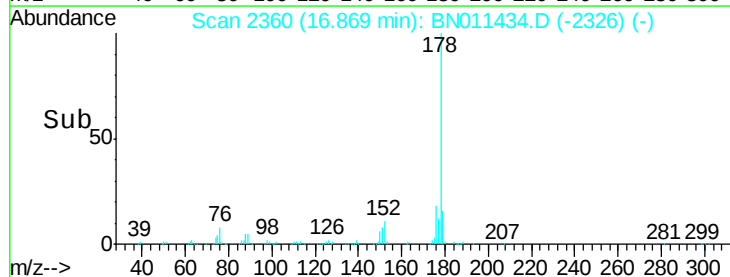
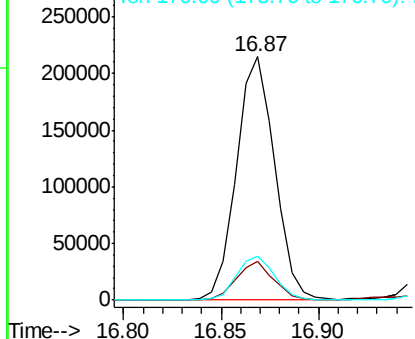


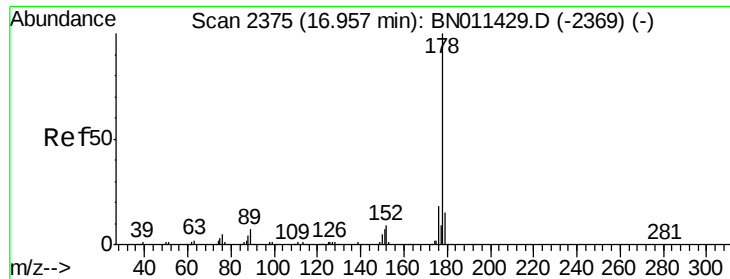
Abundance

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





#72

Anthracene

Concen: 1.385 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN011434.D

Acq: 14 Aug 2020 20:00

Instrument :

BNA_N

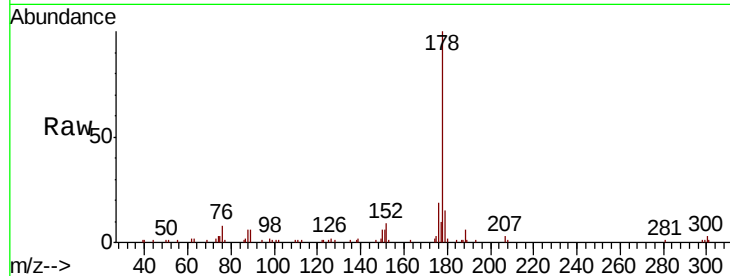
ClientSampleId :

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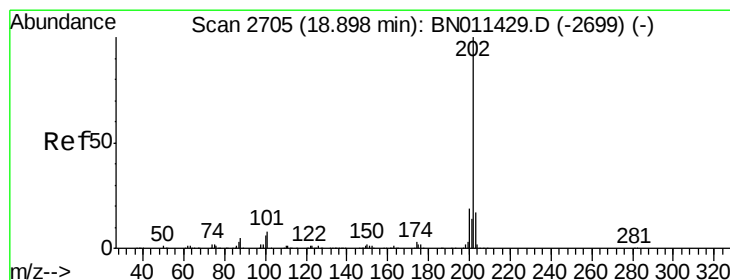
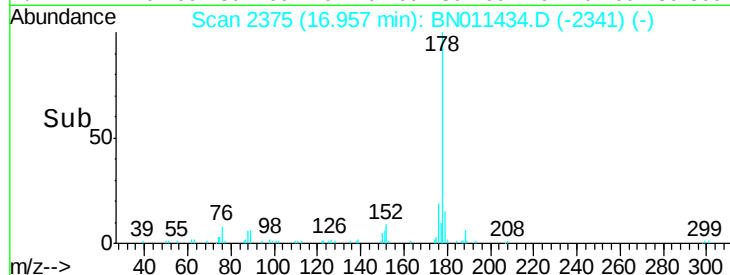
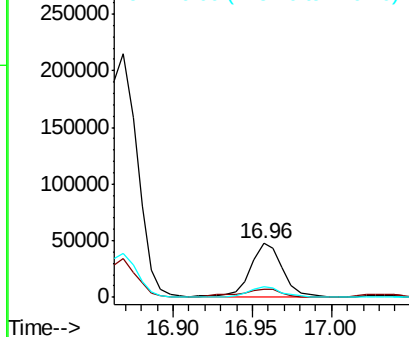
Tot Ion:178	Resp:	67146
Ion Ratio	Lower	Upper
178	100	
179	15.1	13.0 19.4
176	19.1	14.6 21.8

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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: 12.339 ng/ul

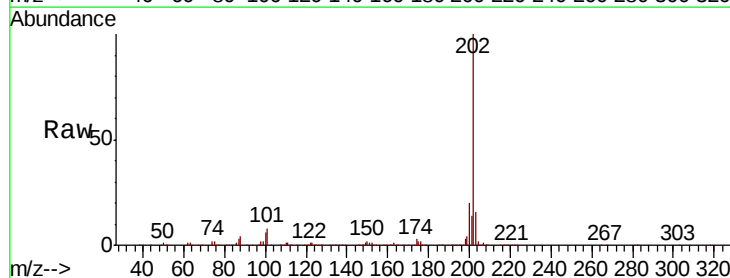
RT: 18.90 min Scan# 2705

Delta R.T. 0.00 min

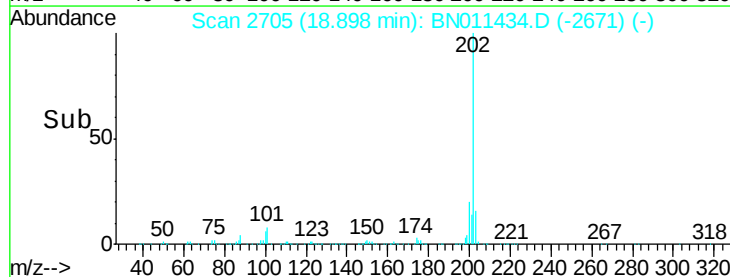
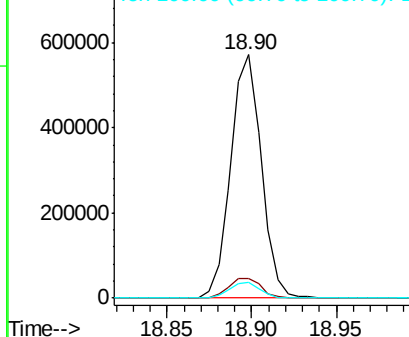
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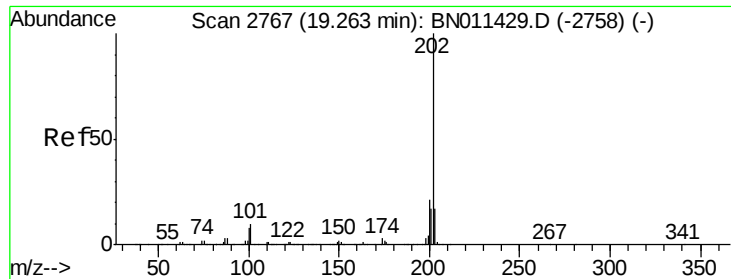
Acq: 14 Aug 2020 20:00

Tgt Ion:202	Resp:	722789
Ion Ratio	Lower	Upper
202	100	
101	8.2	7.3 10.9
100	6.4	5.2 7.8



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





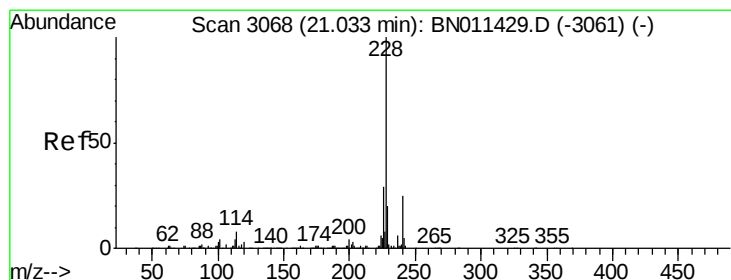
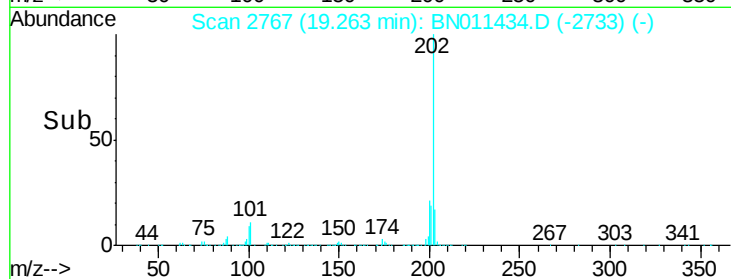
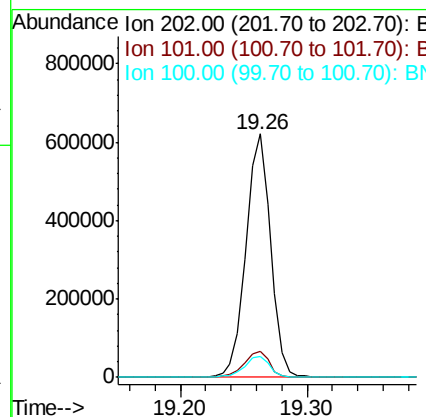
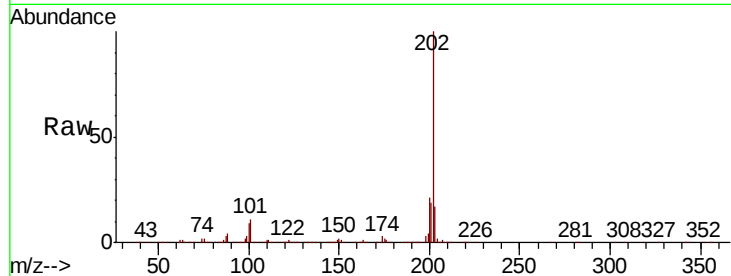
#80
Pvrene
Concen: 12.829 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	7.8	11.8
100	8.5	6.5	9.7

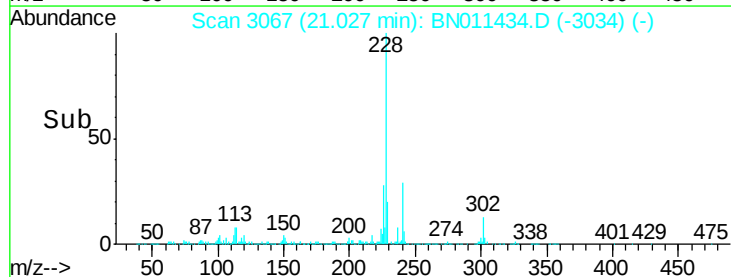
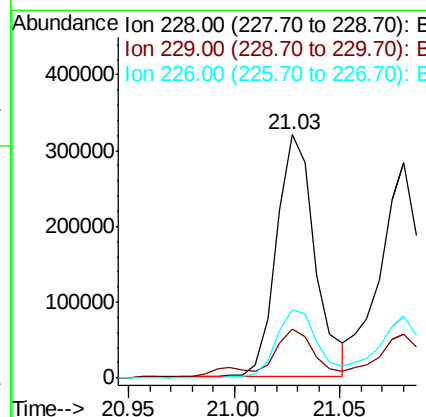
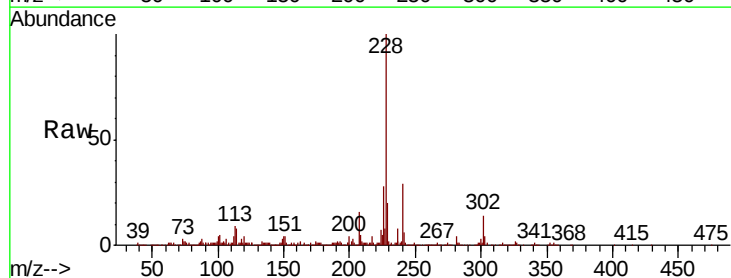
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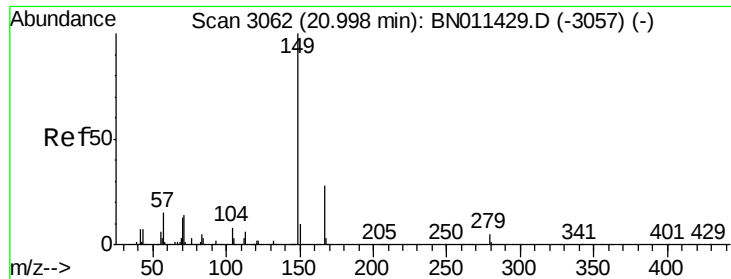
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#83
Benzo(a)anthracene
Concen: 6.643 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	15.0	22.4
226	27.9	21.5	32.3





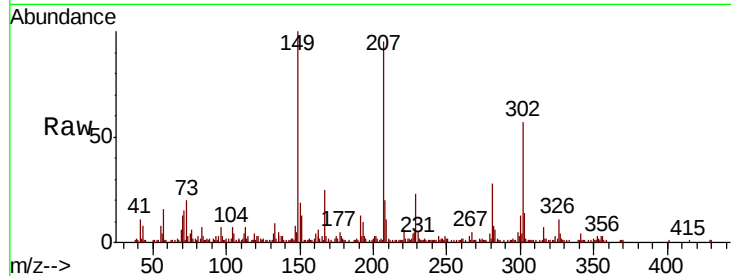
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.712 ng/ul
 RT: 20.99 min Scan# 3061
 Delta R.T. -0.01 min
 Lab File: BN011434.D
 Acq: 14 Aug 2020 20:00

Instrument :
 BNA_N
 ClientSampleId :
 BFML8DL

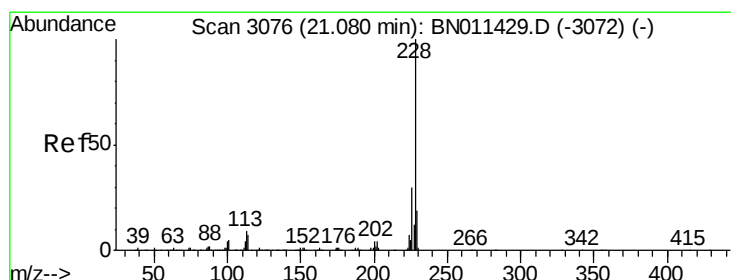
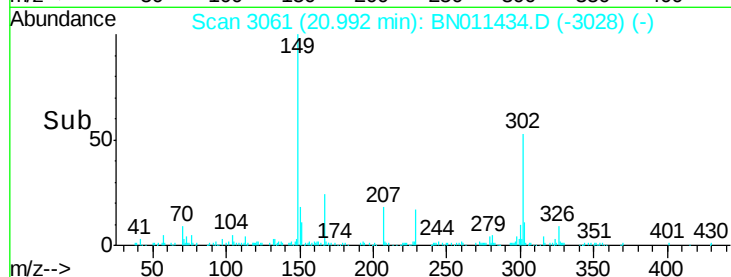
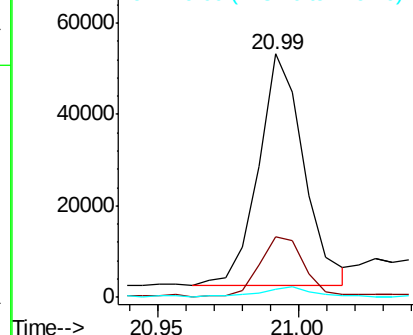
Tot Ion:	149	Resp:	56628
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.8	32.6
279	3.6	3.3	4.9

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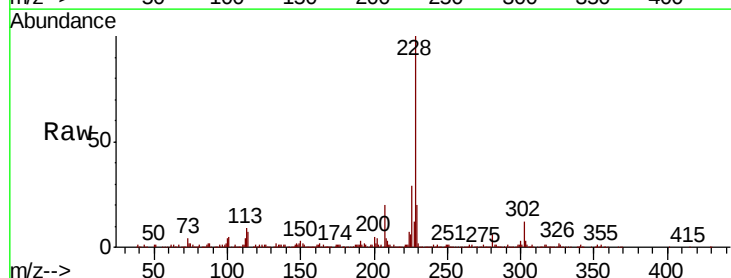


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

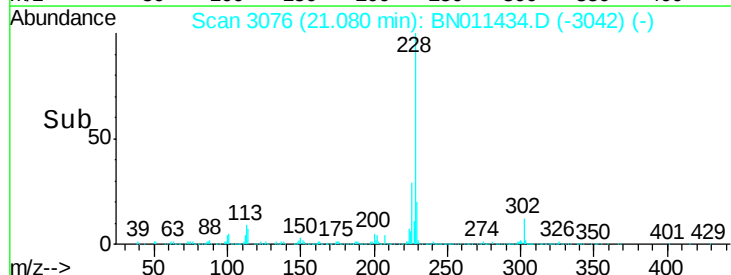
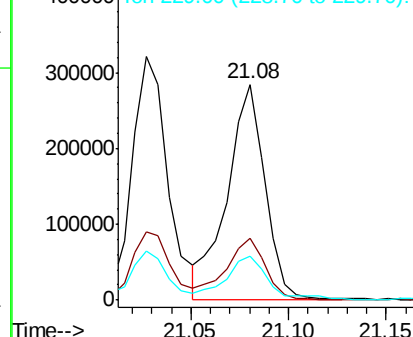


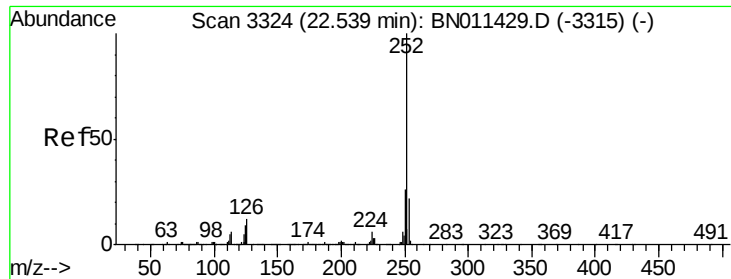
#85
 Chrysene
 Concen: 6.295 ng/ul
 RT: 21.08 min Scan# 3076
 Delta R.T. 0.00 min
 Lab File: BN011434.D
 Acq: 14 Aug 2020 20:00

Tgt Ion:	228	Resp:	384431
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.5	35.3
229	20.4	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





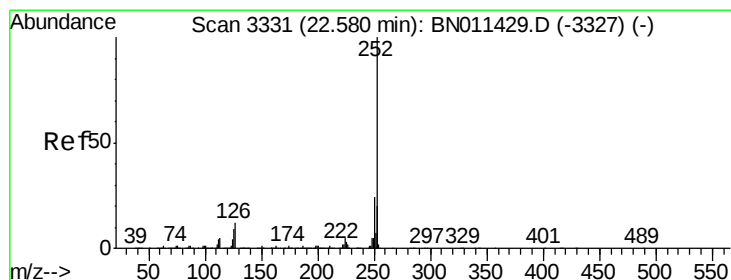
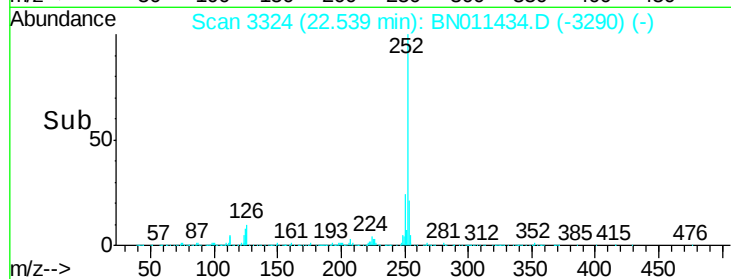
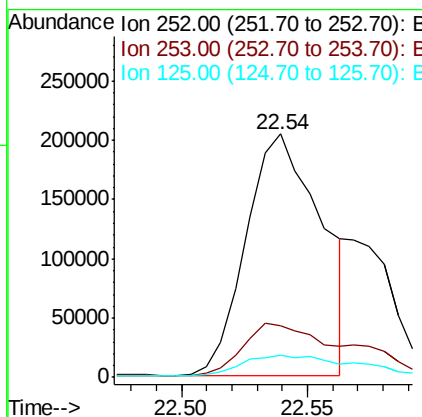
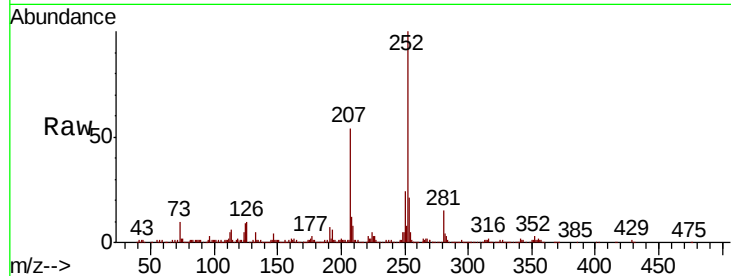
#88
Benzo(b)fluoranthene
Concen: 7.268 ng/ul m
RT: 22.54 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Instrument :
BNA_N
ClientSampleId :
BFML8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.0	6.6	9.8

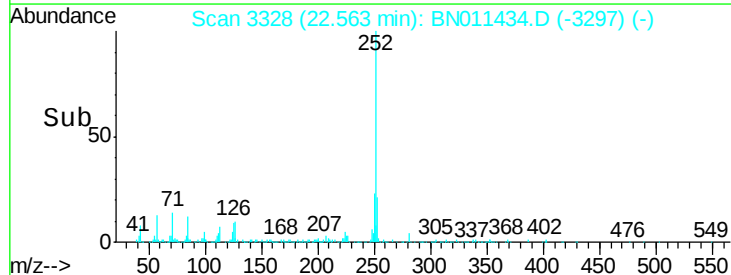
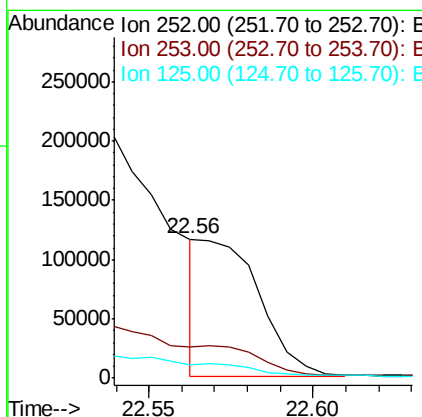
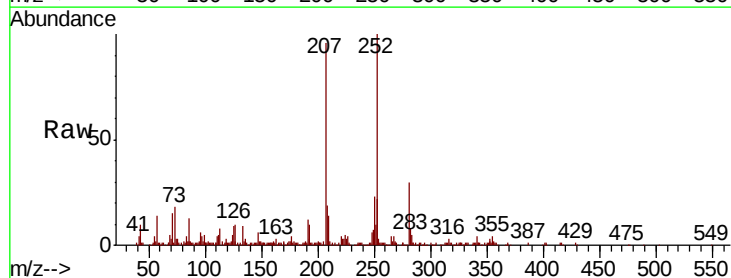
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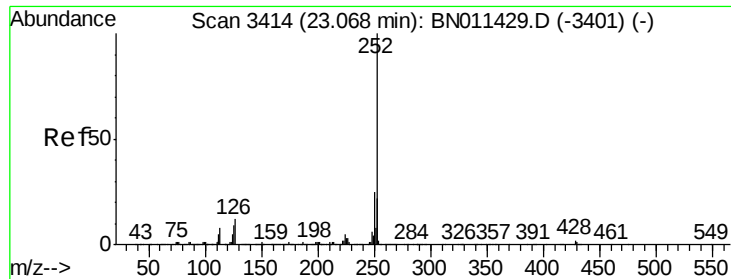
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#89
Benzo(k)fluoranthene
Concen: 2.423 ng/ul m
RT: 22.56 min Scan# 3328
Delta R.T. -0.02 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.6
125	9.4	6.0	9.0#





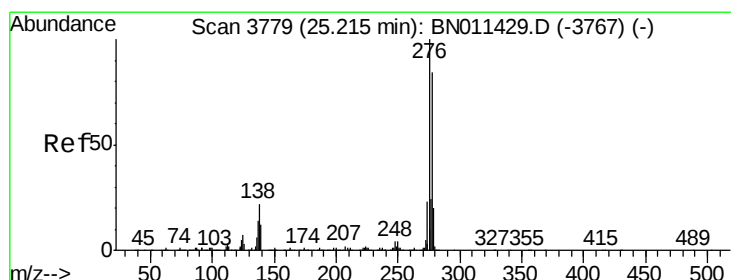
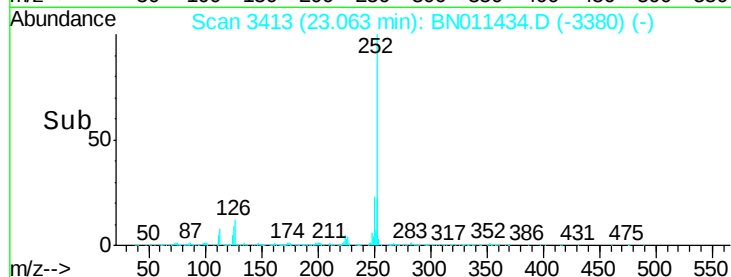
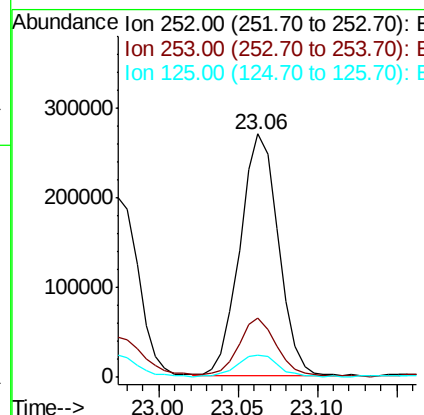
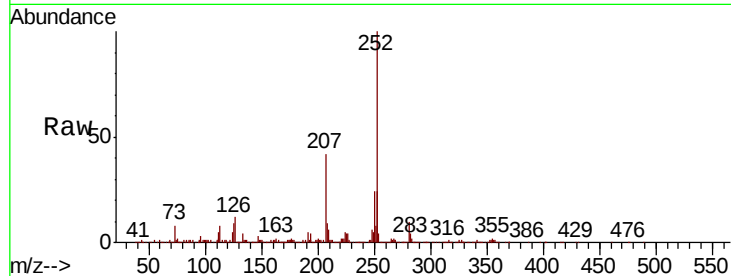
#91
Benzo(a)pyrene
Concen: 8.479 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Instrument :
BNA_N
ClientSampleId :
BFML8DL

Tot Ion:	252	Resp:	454165
Ion Ratio	Lower	Upper	
252	100		
253	24.4	16.6	25.0
125	9.0	7.1	10.7

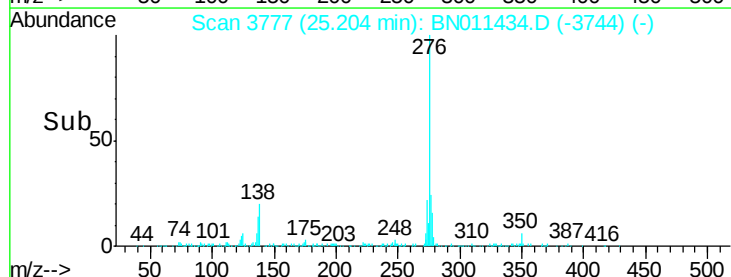
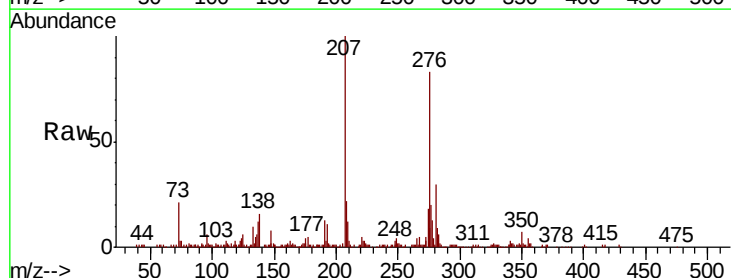
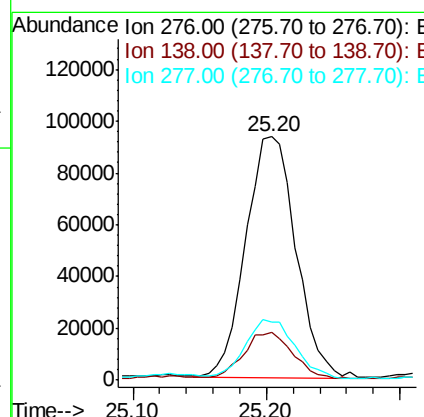
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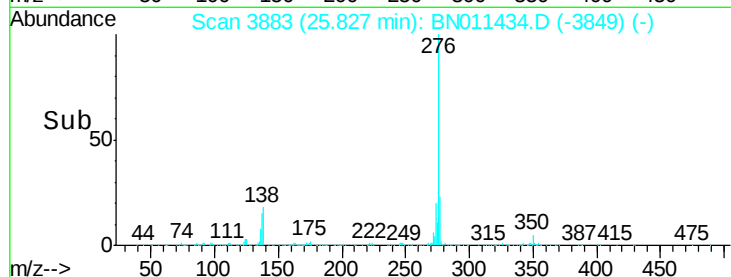
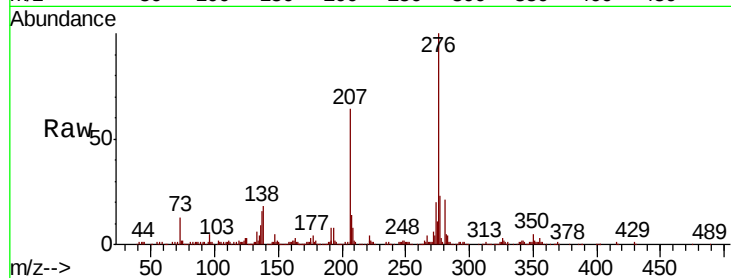
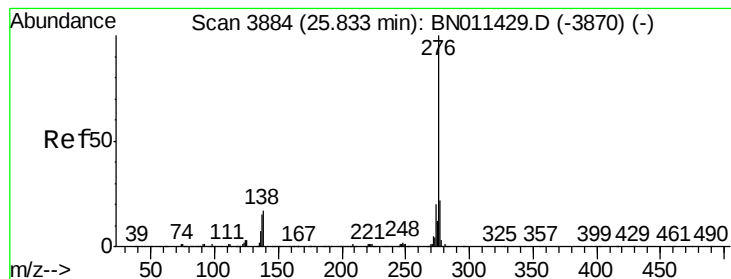
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.515 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BN011434.D
Acq: 14 Aug 2020 20:00

Tgt Ion:	276	Resp:	241344
Ion Ratio	Lower	Upper	
276	100		
138	19.5	17.0	25.4
277	24.0	18.1	27.1





#94

Benzo(a,h,i)perylene

Concen: 8.103 ng/ul

RT: 25.83 min Scan# 3883

Delta R.T. 0.00 min

Lab File: BN011434.D

Acq: 14 Aug 2020 20:00

Tot Ion:	276	Resp:	461178
Ion Ratio	Lower	Upper	
276	100		
138	18.1	15.3	22.9
277	23.2	16.2	24.4

Instrument :

BNA_N

ClientSampleId :

BFML8DL

Manual Integrations
APPROVED

mohammad
8/18/2020 1:48:05 PM

