

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009949.D
 Acq On : 27 Feb 2020 04:19
 Operator : CG/JU
 Sample : L1612-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDM1

Manual Integrations
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Quant Time: Feb 27 08:39:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	101305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	453378	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	296987	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	637855	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	627950	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	646563	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	3426m	1.39	ng/uL	0.00
5) Phenol-d5	6.59	99	61267	7.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	45686	7.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	49873	7.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	48640	7.10	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	23512	7.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	26040	7.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	50642	7.26	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	31429	4.01	ng/ul	0.02
44) Dimethylphthalate-d6	13.45	166	175034	7.89	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	198774	7.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	18713m	4.62	ng/ul	0.02
58) Fluorene-d10	15.03	176	161356	8.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	19504	4.92	ng/ul	0.01
71) Anthracene-d10	16.88	188	248709	8.51	ng/ul	0.00
79) Pyrene-d10	19.19	212	279943	8.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	280145	8.68	ng/ul	0.00

Target Compounds

				Ovalue	
14) Acetophenone	8.22	105	12583m	1.127	ng/ul
34) 2-Methylnaphthalene	11.81	142	20538	1.210	ng/ul 94
45) Dimethylphthalate	13.50	163	24064	1.040	ng/ul 99
48) Acenaphthylene	13.74	152	117045	4.139	ng/ul 97
54) Dibenzofuran	14.43	168	43783	1.609	ng/ul 90
59) Fluorene	15.09	166	99379	4.352	ng/ul 96
70) Phenanthrene	16.82	178	304392	8.362	ng/ul 99
72) Anthracene	16.92	178	7727870	207.664	ng/ul 99
75) Carbazole	17.19	167	959428	29.277	ng/ul 98
77) Fluoranthene	18.85	202	499583	11.716	ng/ul 99
80) Pyrene	19.22	202	796998	17.605	ng/ul 100
83) Benzo(a)anthracene	20.99	228	634778	14.710	ng/ul 93
85) Chrysene	21.04	228	849206m	19.989	ng/ul
88) Benzo(b)fluoranthene	22.50	252	3145732	75.040	ng/ul 99
89) Benzo(k)fluoranthene	22.53	252	701107m	17.663	ng/ul
91) Benzo(a)pyrene	23.02	252	1393290	36.954	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.14	276	1062035	23.725	ng/ul# 93
93) Dibenzo(a,h)anthracene	25.14	278	269612	7.041	ng/ul# 76
94) Benzo(g,h,i)perylene	25.76	276	633807	16.886	ng/ul 98

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

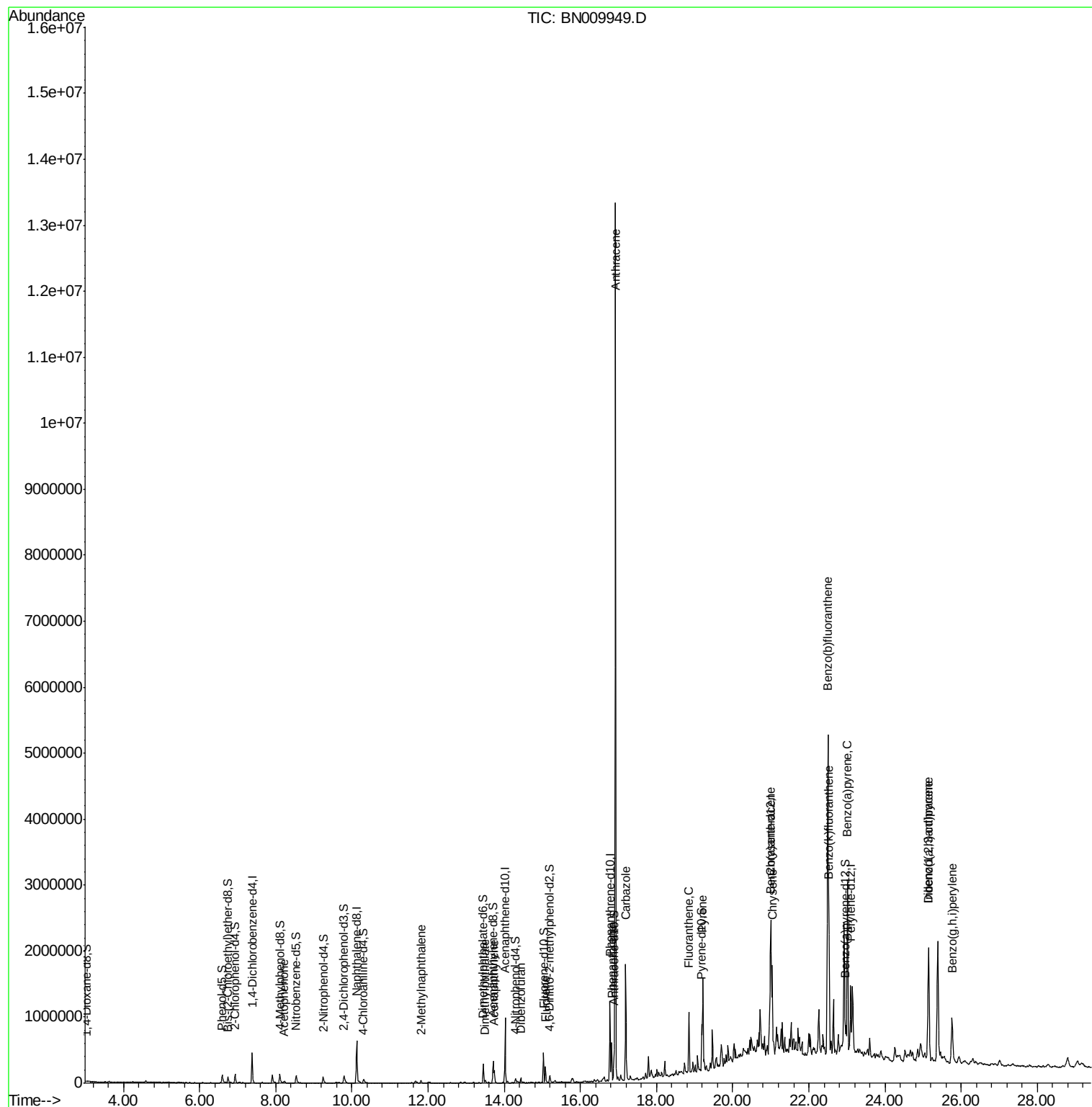
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
Data File : BN009949.D
Acq On : 27 Feb 2020 04:19
Operator : CG/JU
Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

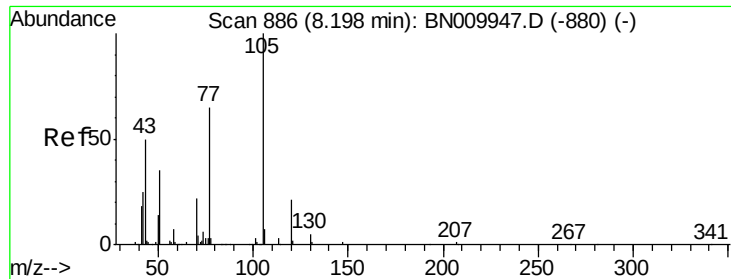
Instrument :
BNA_N
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DBDM1

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Quant Time: Feb 27 08:39:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.127 ng/ul m

RT: 8.22 min Scan# 890

Delta R.T. 0.02 min

Lab File: BN009949.D

Acq: 27 Feb 2020 04:19

Instrument :

BNA_N

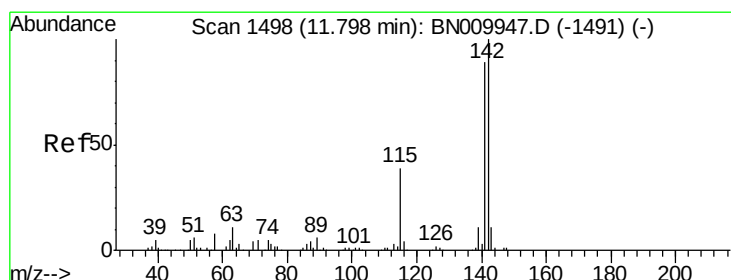
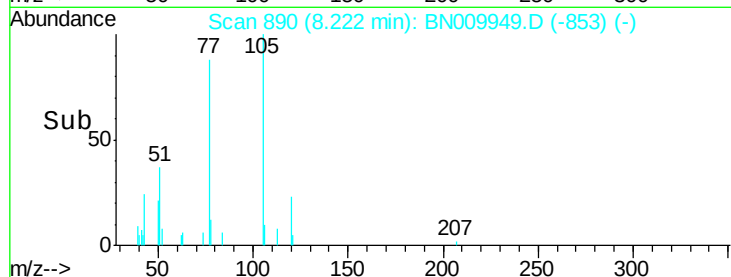
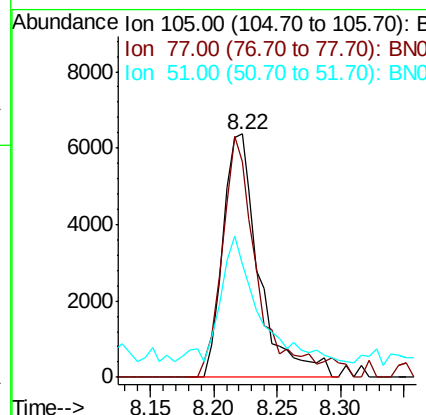
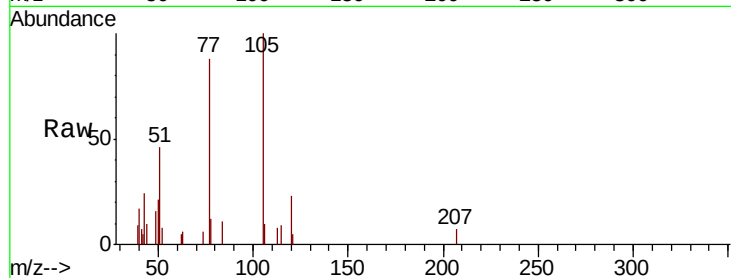
ClientSampleId :

DBDM1

Tot Ion:	105	Resp:	12583
Ion Ratio	Lower	Upper	
105	100		
77	88.3	68.9	103.3
51	46.3	35.6	53.4

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#34

2-Methylnaphthalene

Concen: 1.210 ng/ul

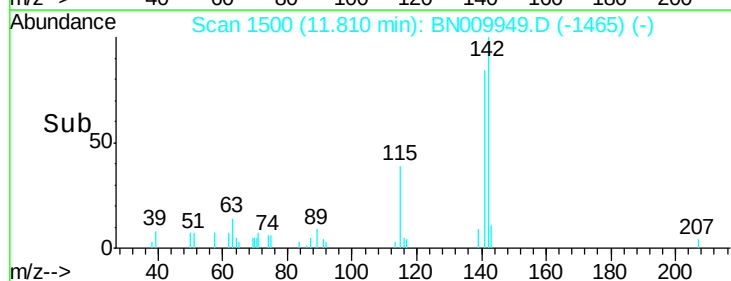
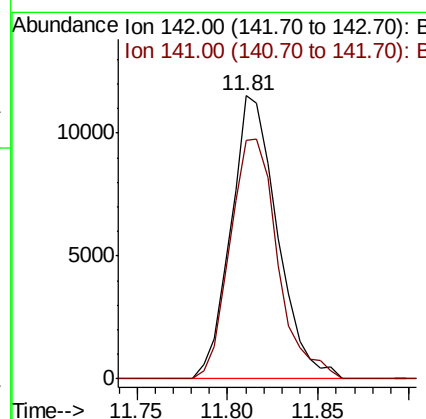
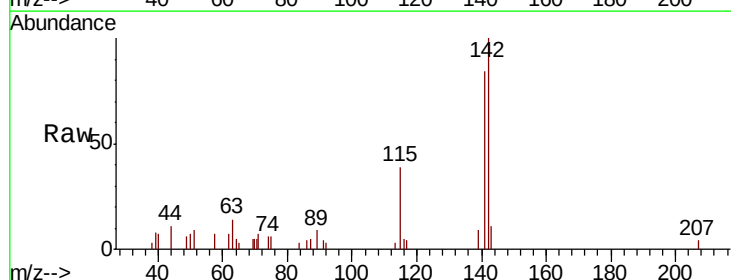
RT: 11.81 min Scan# 1500

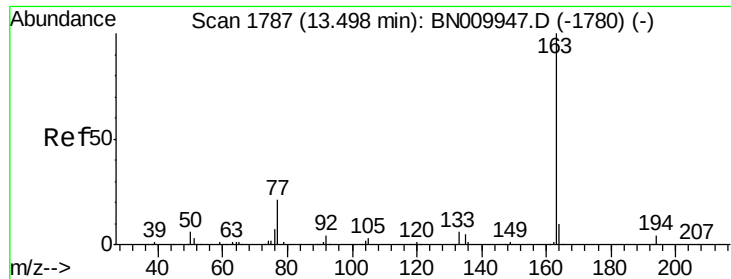
Delta R.T. 0.01 min

Lab File: BN009949.D

Acq: 27 Feb 2020 04:19

Tgt Ion:	142	Resp:	20538
Ion Ratio	Lower	Upper	
142	100		
141	84.4	72.1	108.1





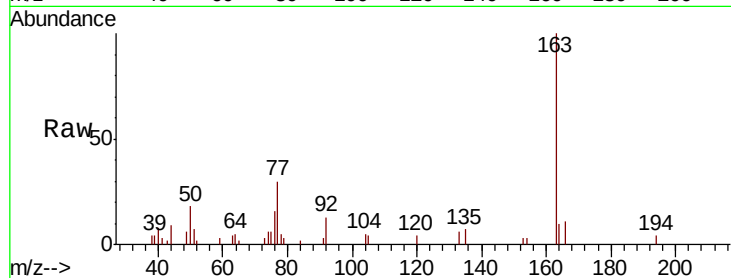
#45
Dimethylphthalate
Concen: 1.040 ng/ul
RT: 13.50 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Instrument :
BNA_N
ClientSampled :
DBDM1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.7	8.0	12.0

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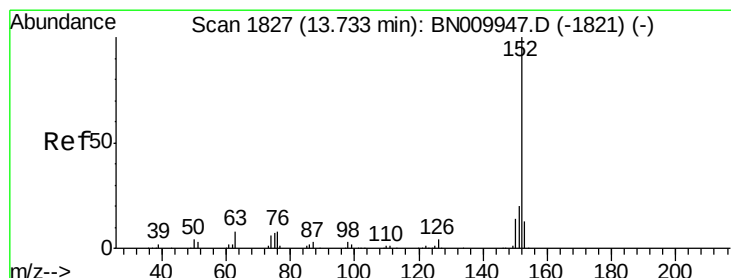
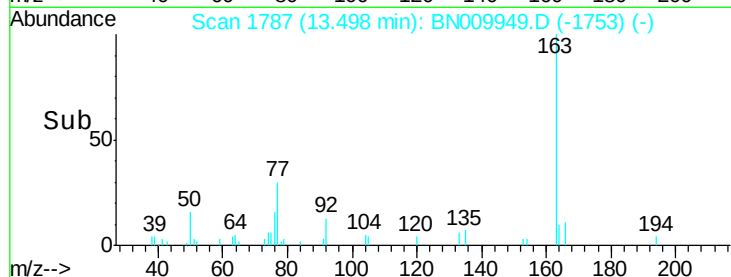
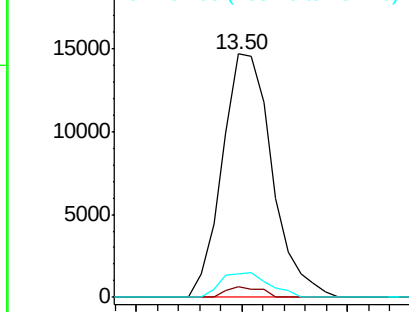


Abundance

Ion 163.00 (162.70 to 163.70): E

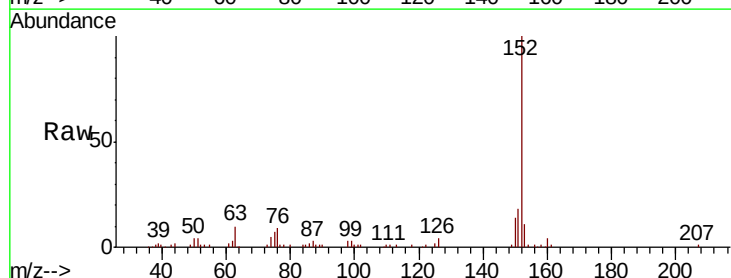
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 4.139 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.7	23.5
153	11.4	10.3	15.5

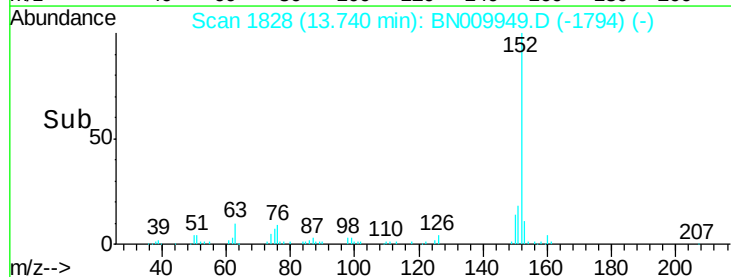
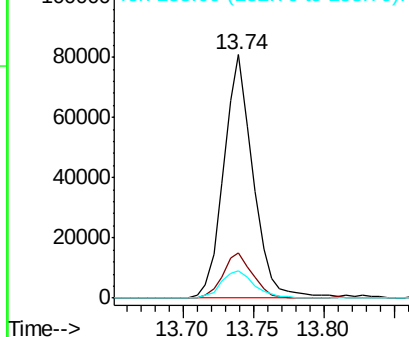


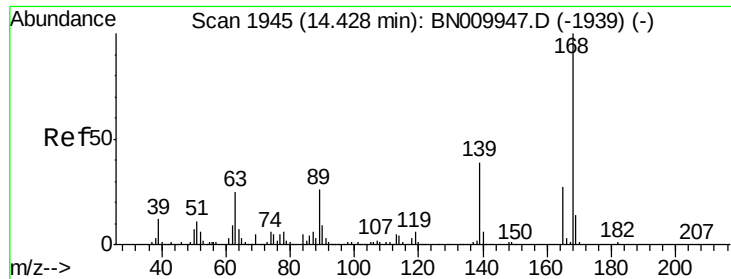
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#54

Dibenzofuran

Concen: 1.609 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BN009949.D

Acq: 27 Feb 2020 04:19

Instrument :

BNA_N

ClientSampleId :

DBDM1

Tot Ion:168 Resp: 43783

Ion Ratio Lower Upper

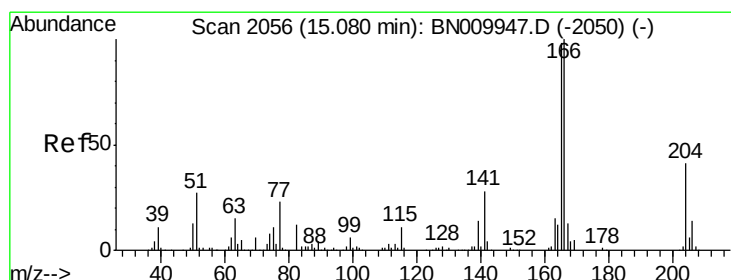
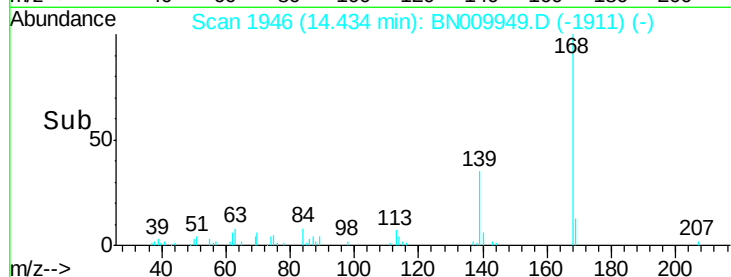
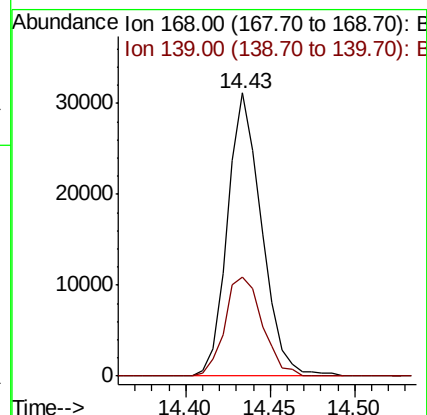
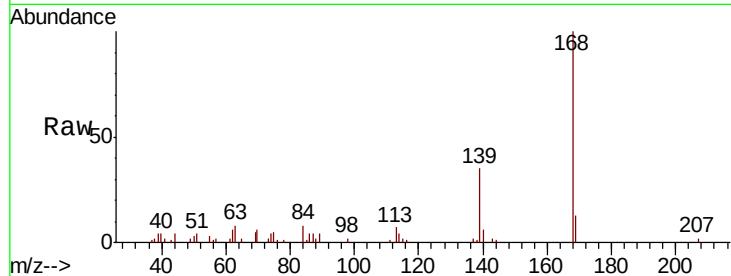
168 100

139 35.0 32.7 49.1

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#59

Fluorene

Concen: 4.352 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BN009949.D

Acq: 27 Feb 2020 04:19

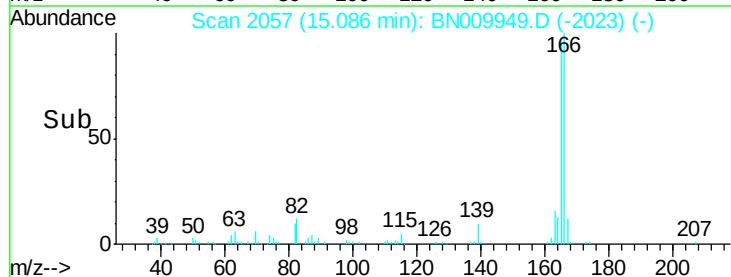
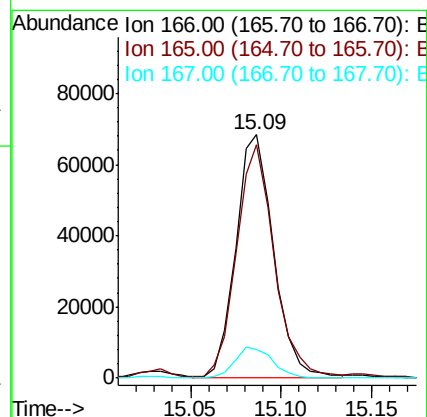
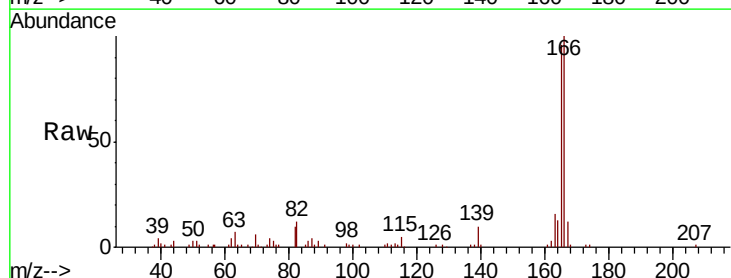
Tgt Ion:166 Resp: 99379

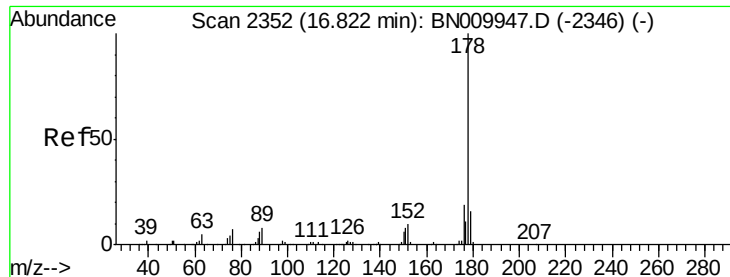
Ion Ratio Lower Upper

166 100

165 96.0 79.8 119.8

167 11.8 10.7 16.1





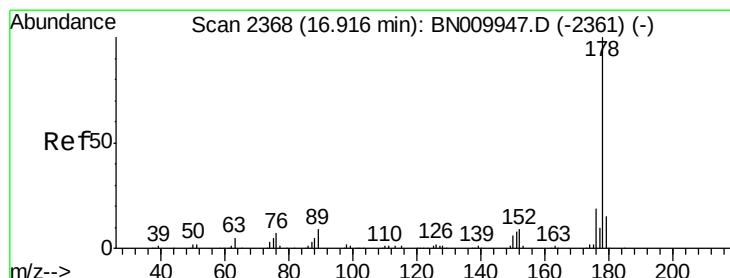
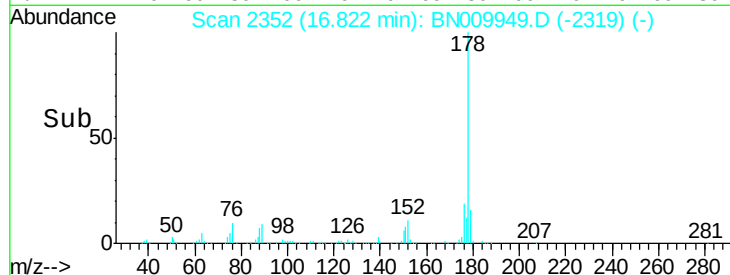
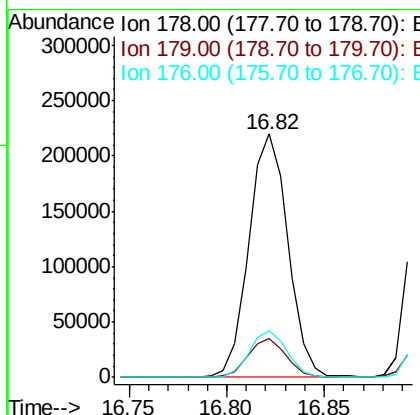
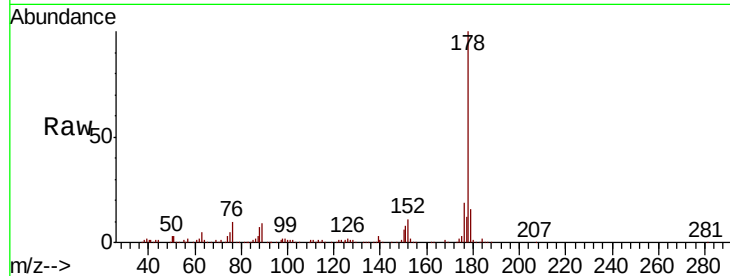
#70
Phenanthrene
Concen: 8.362 ng/ul
RT: 16.82 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Instrument :
BNA_N
ClientSampled :
DBDM1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.2	14.6	22.0

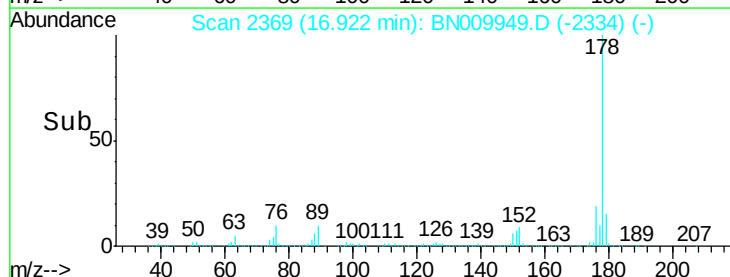
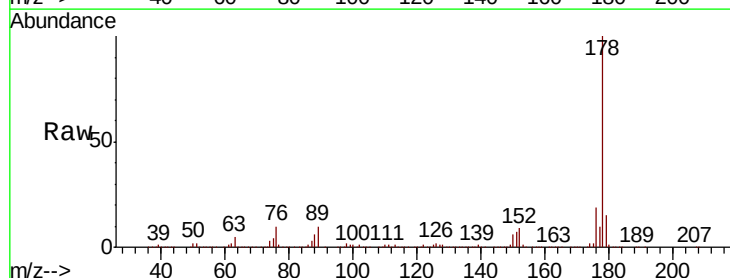
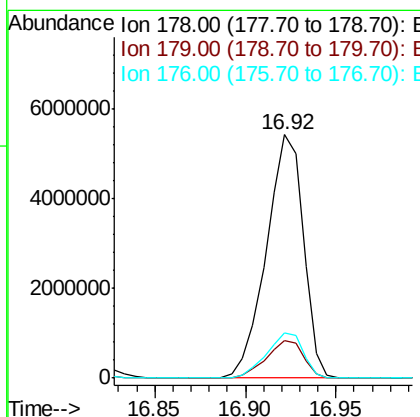
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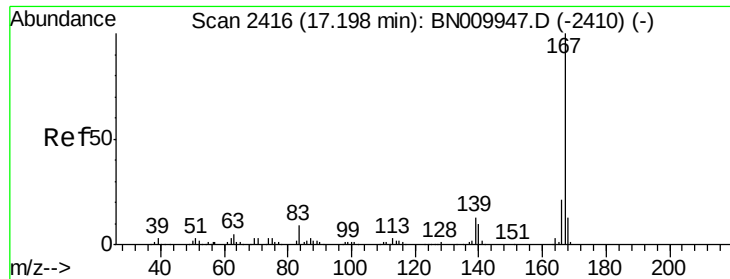
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#72
Anthracene
Concen: 207.664 ng/ul
RT: 16.92 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.6	14.6	21.8





#75

Carbazole

Concen: 29.277 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BN009949.D

Acq: 27 Feb 2020 04:19

Instrument :

BNA_N

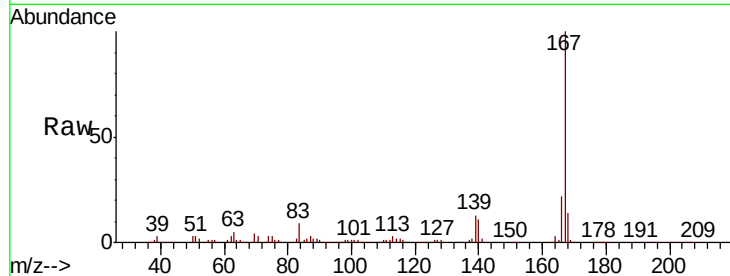
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DBDM1

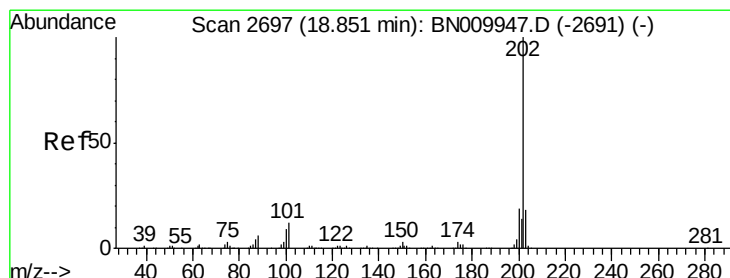
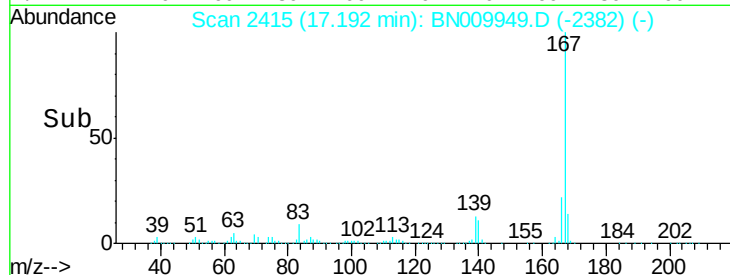
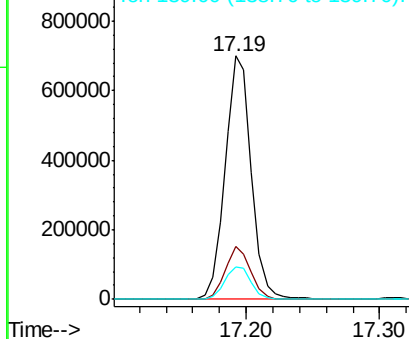
Tot Ion:	167	Resp:	959428
Ion Ratio	Lower	Upper	
167	100		
166	21.8	16.6	24.8
139	13.3	9.9	14.9

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 11.716 ng/ul

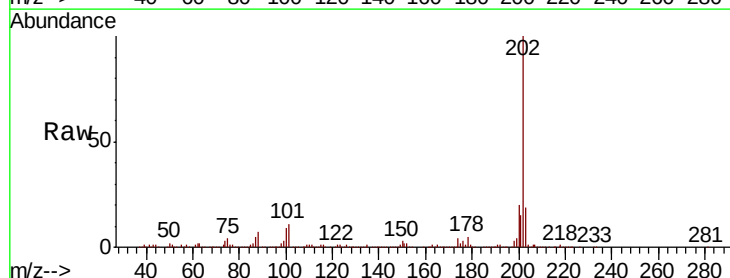
RT: 18.85 min Scan# 2697

Delta R.T. -0.01 min

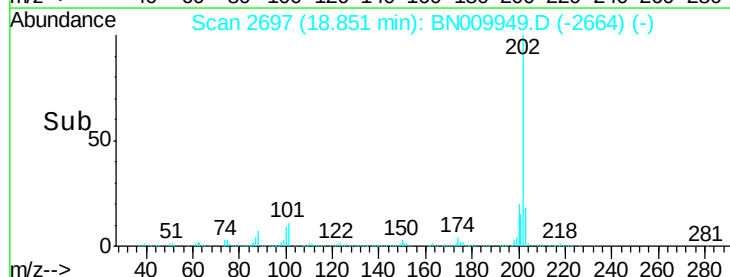
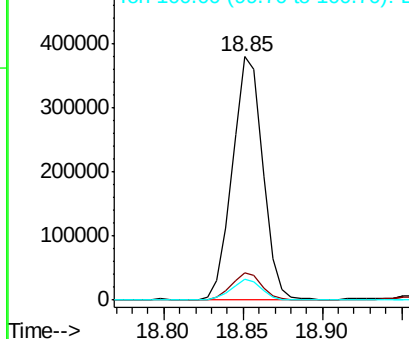
Lab File: BN009949.D

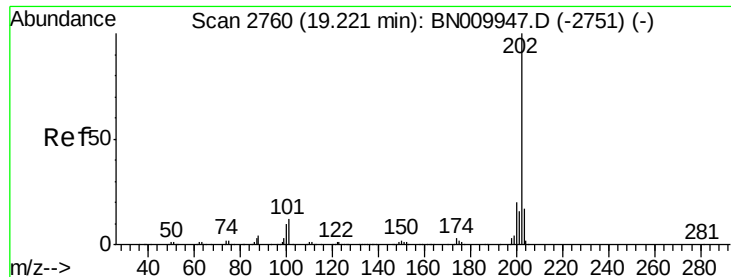
Acq: 27 Feb 2020 04:19

Tgt Ion:	202	Resp:	499583
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.4	14.2
100	8.8	7.2	10.8



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





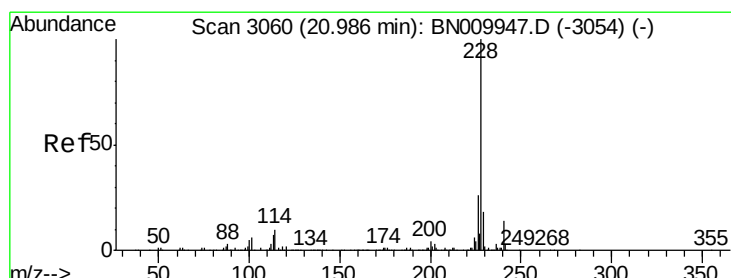
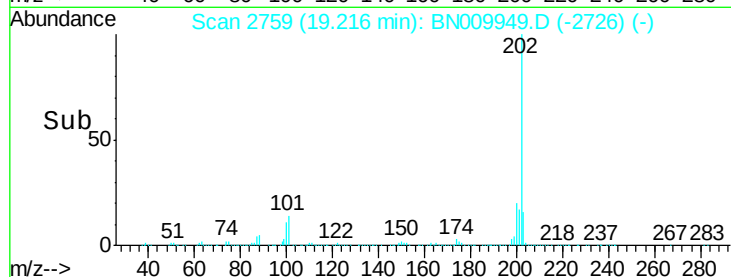
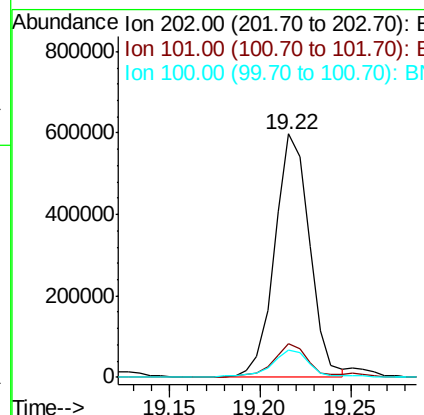
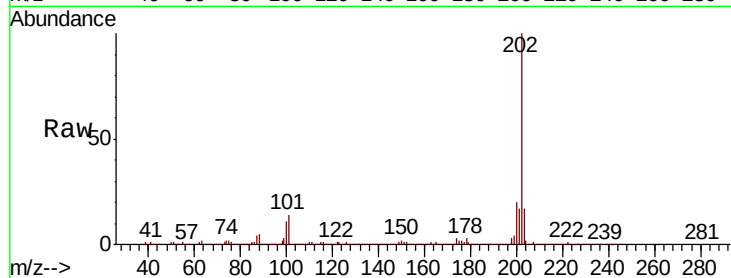
#80
Pvrene
Concen: 17.605 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Instrument :
BNA_N
ClientSampleId :
DBDM1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.3	16.9
100	11.3	9.0	13.6

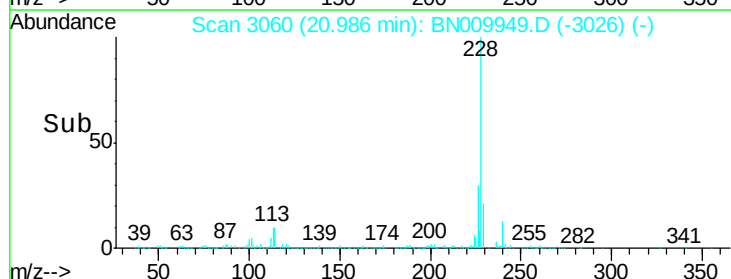
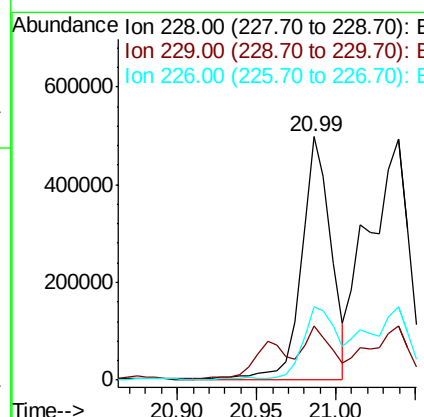
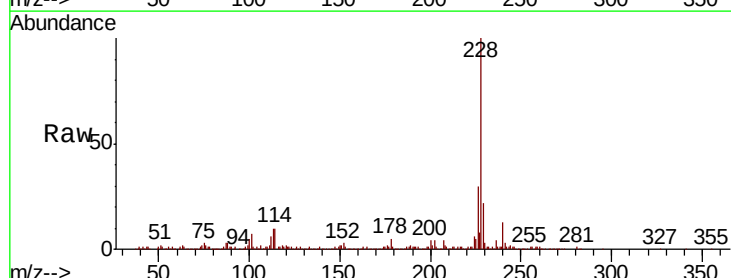
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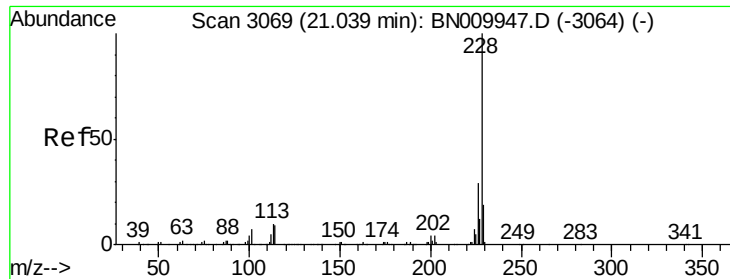
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#83
Benzo(a)anthracene
Concen: 14.710 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.0	22.4
226	30.0	21.4	32.2





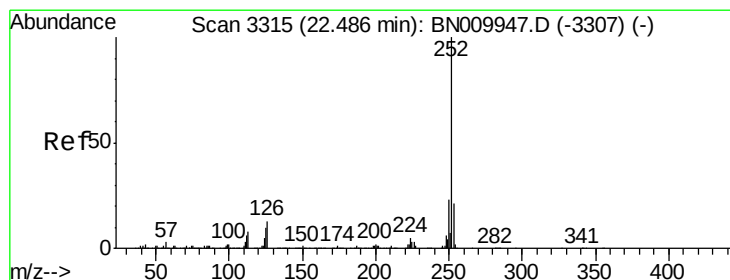
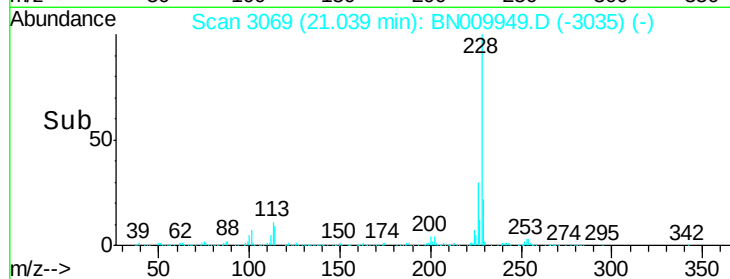
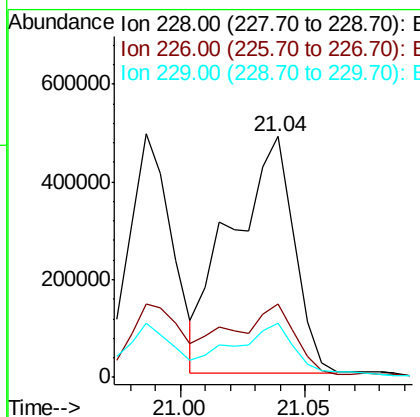
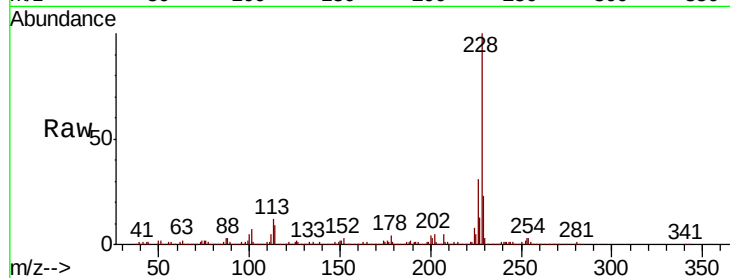
#85
Chrysene
Concen: 19.989 ng/ul m
RT: 21.04 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Instrument :
BNA_N
ClientSampleId :
DBDM1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.5	15.0	22.4

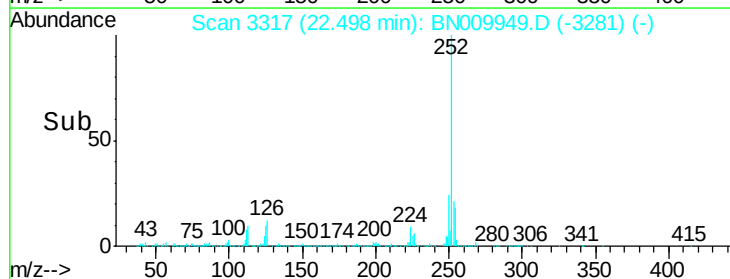
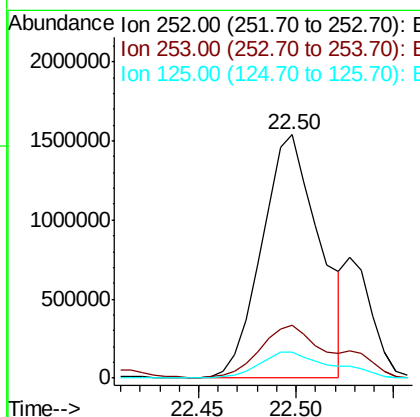
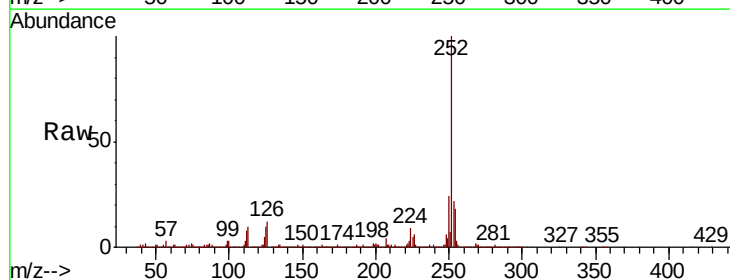
Manual Integrations
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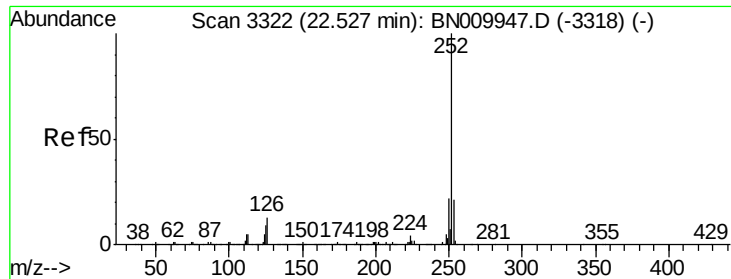
mohammad
2/27/2020 4:57:50 PM



#88
Benzo(b)fluoranthene
Concen: 75.040 ng/ul
RT: 22.50 min Scan# 3317
Delta R.T. 0.01 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	10.4	8.0	12.0





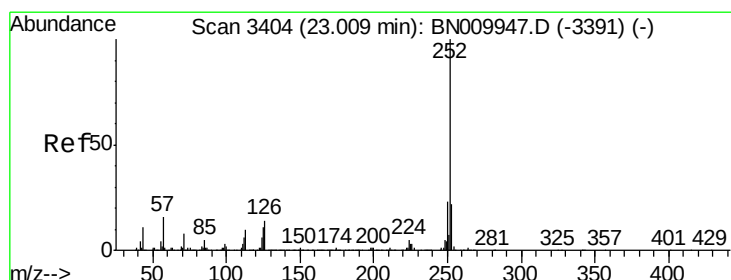
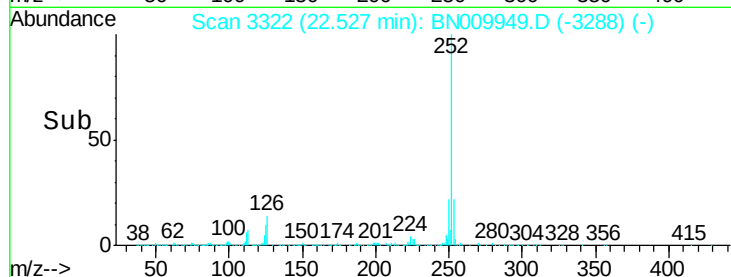
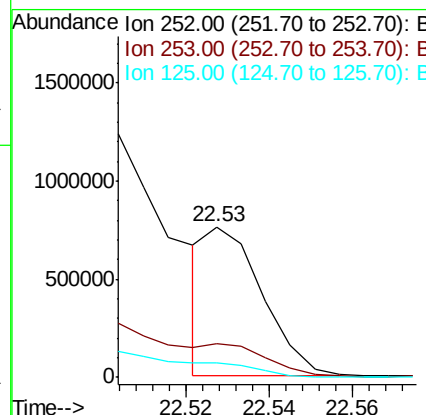
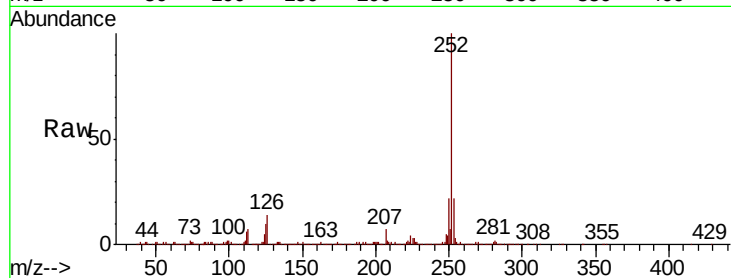
#89
Benzo(k)fluoranthene
Concen: 17.663 ng/ul m
RT: 22.53 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Instrument :
BNA_N
ClientSampleId :
DBDM1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.8	8.2	12.2

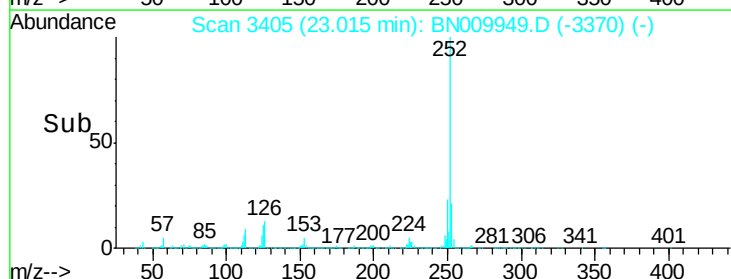
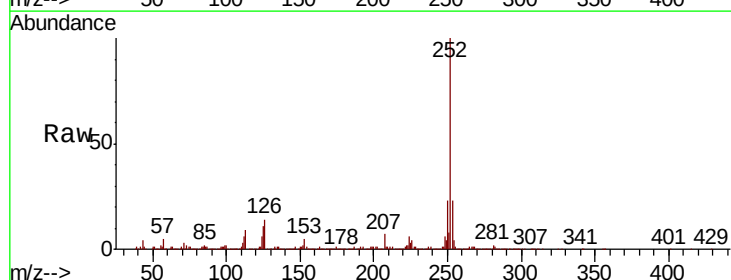
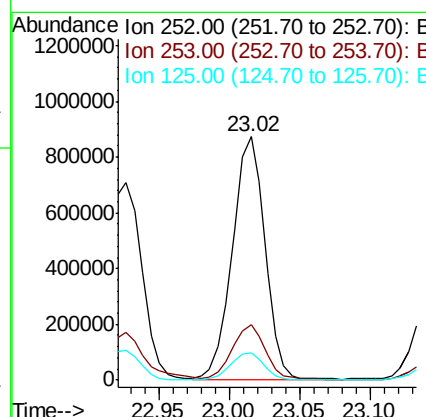
Manual Integrations
APPROVED

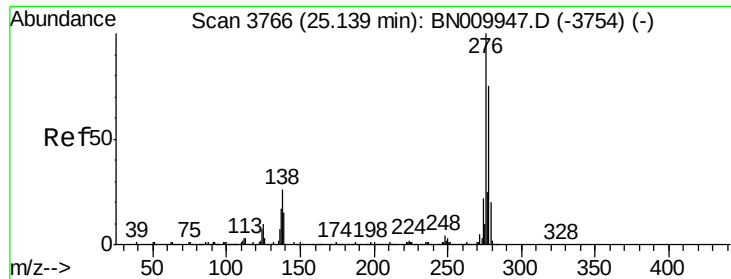
mohammad
2/27/2020 4:57:50 PM



#91
Benzo(a)pyrene
Concen: 36.954 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.4	9.0	13.6





#92

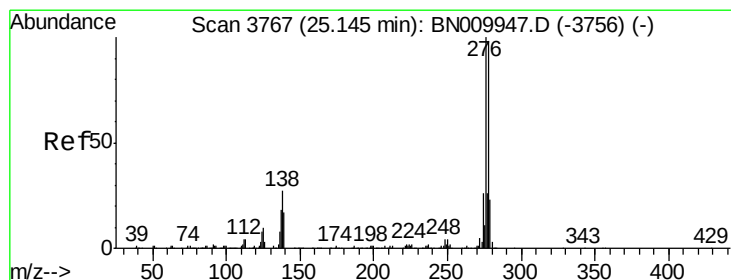
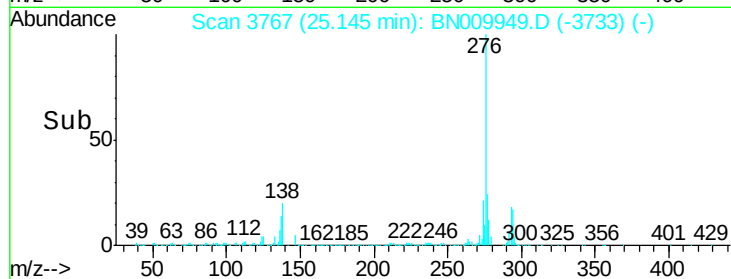
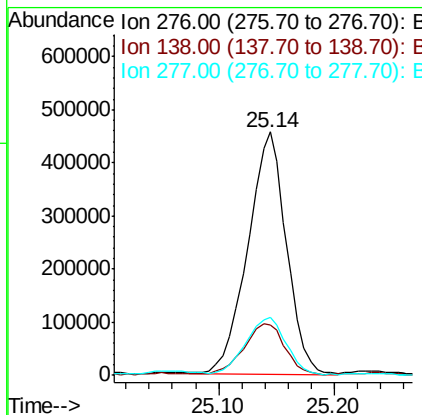
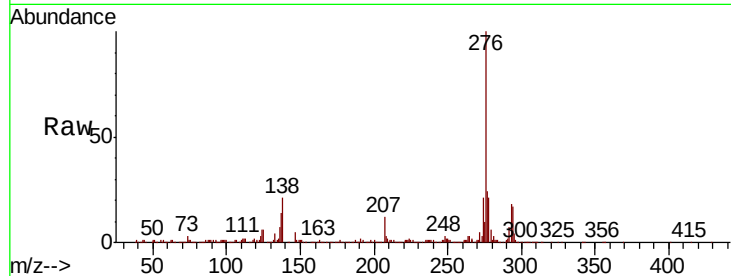
Indeno(1,2,3-cd)pyrene
Concen: 23.725 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. 0.00 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Instrument :
BNA_N
ClientSampleId :
DBDM1

Tot Ion:276 Resp: 1062035
Ion Ratio Lower Upper
276 100
138 20.8 20.9 31.3#
277 23.8 18.2 27.4

Manual Integrations
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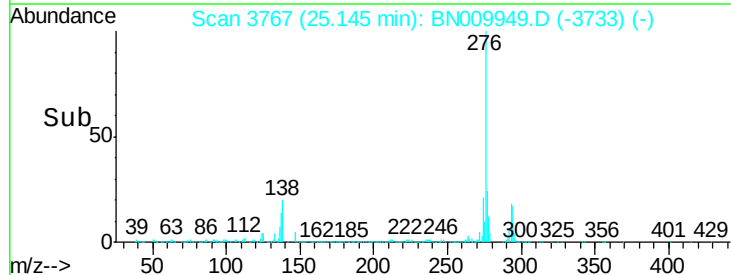
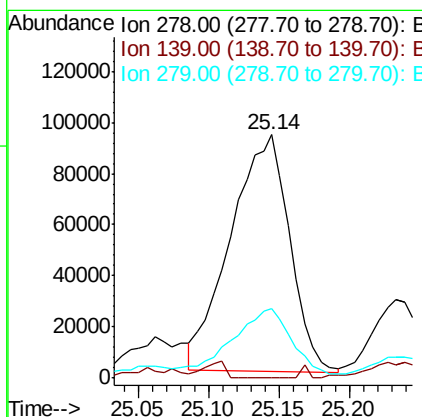
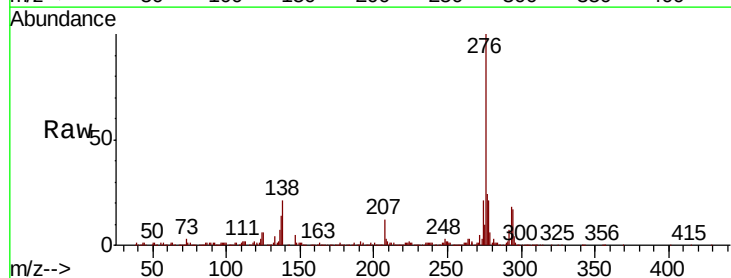
mohammad
2/27/2020 4:57:50 PM

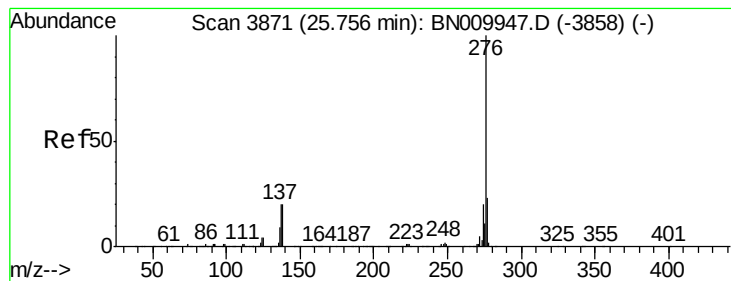


#93

Dibenzo(a,h)anthracene
Concen: 7.041 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. 0.00 min
Lab File: BN009949.D
Acq: 27 Feb 2020 04:19

Tgt Ion:278 Resp: 269612
Ion Ratio Lower Upper
278 100
139 0.0 13.0 19.4#
279 28.5 17.5 26.3#





#94

Benzo(a,h,i)perylene

Concen: 16.886 ng/ul

RT: 25.76 min Scan# 3872

Delta R.T. 0.00 min

Lab File: BN009949.D

Acq: 27 Feb 2020 04:19

Instrument :

BNA_N

ClientSampleId :

DBDM1

Tot Ion:	276	Resp:	633807
Ion Ratio		Lower	Upper
276	100		
138	20.5	17.5	26.3
277	22.8	18.1	27.1

Manual Integrations
APPROVED

mohammad
2/27/2020 4:57:50 PM

