

Data File : BN009697.D
Acq On : 10 Feb 2020 22:12
Operator : CG/JU
Sample : L1324-16MEDL2 25X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL2

Quant Time: Feb 11 01:41:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	118637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	509397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	321807	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	683946	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	661487	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	660576	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	3014	0.29	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	3406	0.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	3423	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2506	0.30	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	1621	0.43	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	1601	0.38	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.85	165	1087	0.14	ng/ul	0.02
29) 4-Chloroaniline-d4	10.36	131	3635	0.43	ng/ul	0.03
43) Dimethylphthalate-d6	13.50	166	16527	0.70	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	16985	0.60	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	14255	0.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.82	188	683946	22.01	ng/ul	-0.11
78) Pyrene-d10	19.23	212	23427	0.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	20829	0.64	ng/ul	-0.01

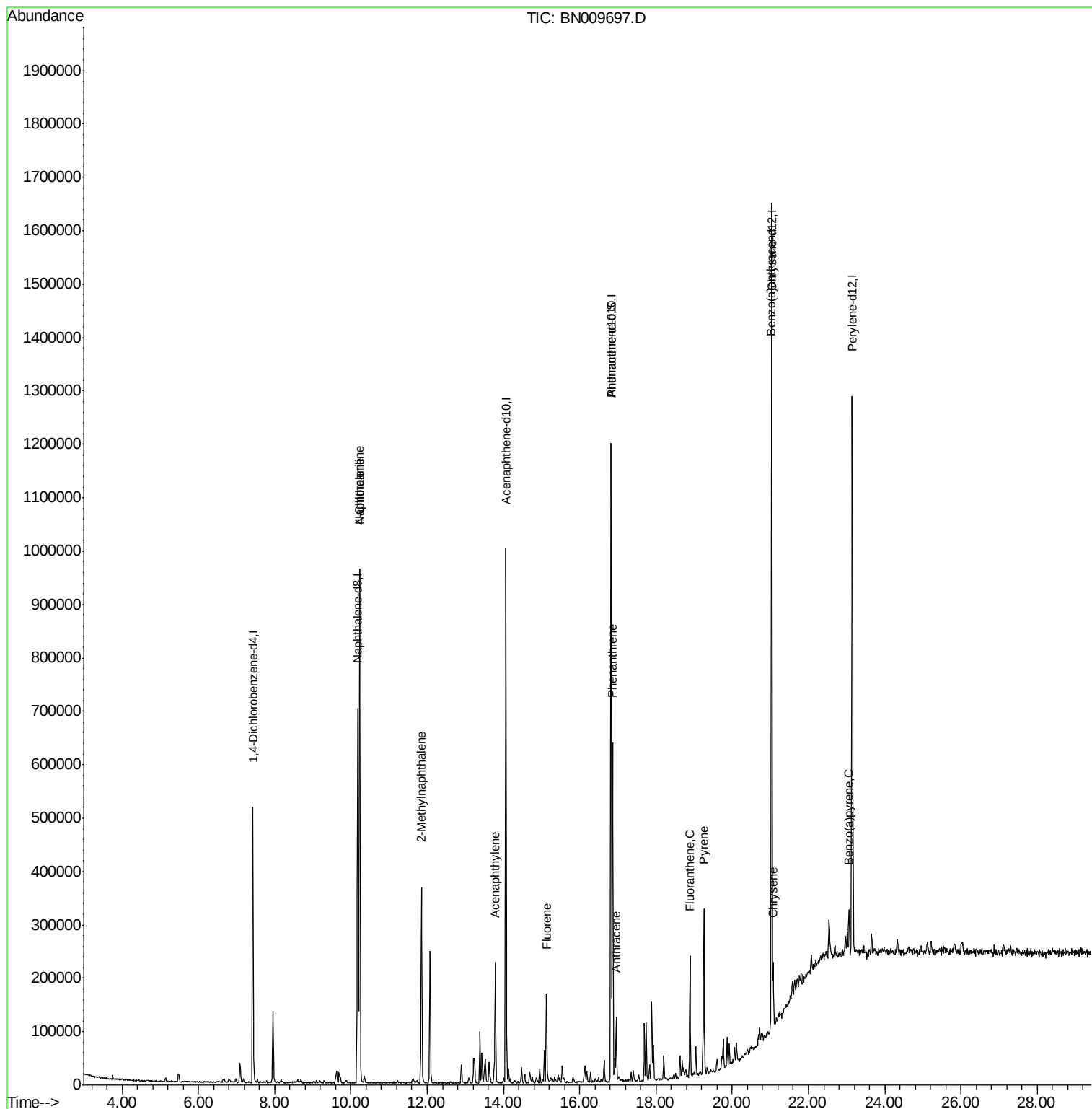
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.23	128	697709	25.257	ng/ul	99
30) 4-Chloroaniline	10.23	127	91029	10.352	ng/ul#	15
34) 2-Methylnaphthalene	11.85	142	177471	9.180	ng/ul	97
47) Acenaphthylene	13.78	152	133084	4.284	ng/ul	97
58) Fluorene	15.13	166	75462	3.071	ng/ul	100
69) Phenanthrene	16.86	178	354295	9.083	ng/ul	100
71) Anthracene	16.96	178	80343	2.030	ng/ul	99
76) Fluoranthene	18.89	202	124462	2.796	ng/ul	97
79) Pyrene	19.26	202	184388	3.818	ng/ul	100
82) Benzo(a)anthracene	21.02	228	65105	1.425	ng/ul#	90
84) Chrysene	21.07	228	51465	1.132	ng/ul	97
90) Benzo(a)pyrene	23.06	252	38434	1.004	ng/ul#	93

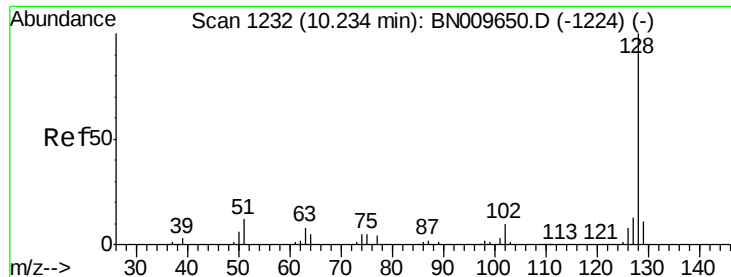
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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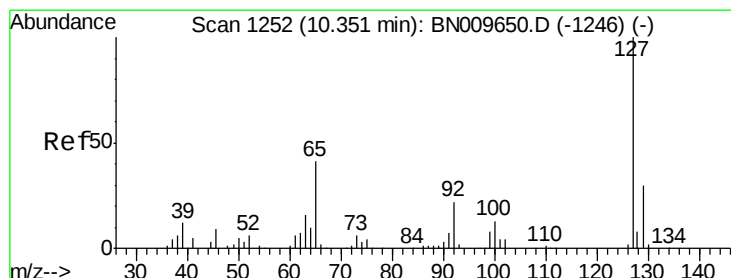
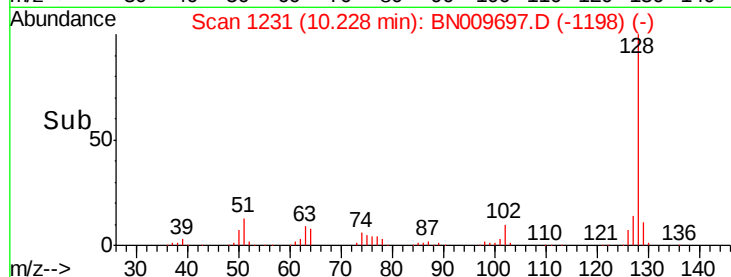
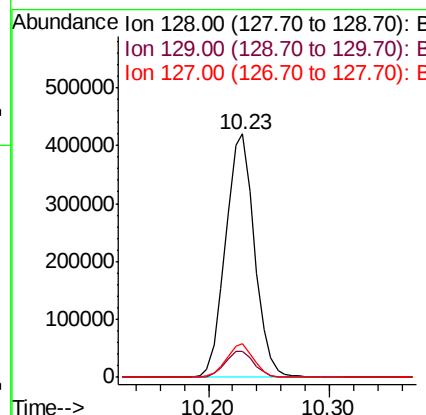
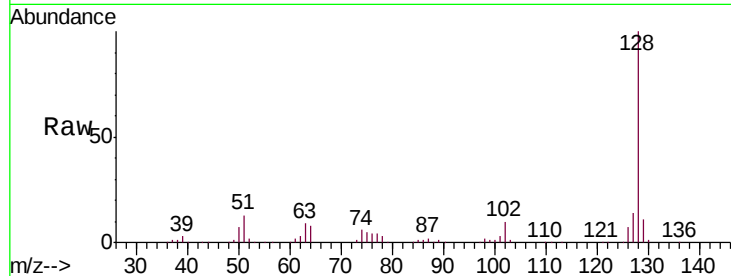




#28
Naphthalene
Concen: 25.257 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BN009697.D
Acq: 10 Feb 2020 22:12

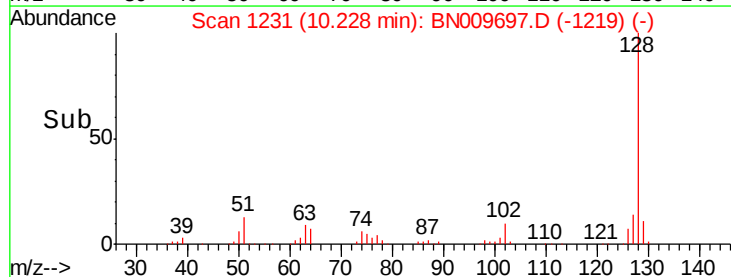
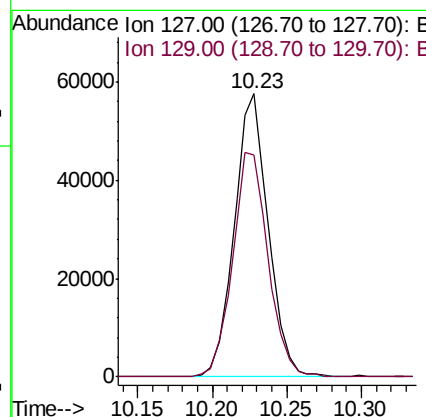
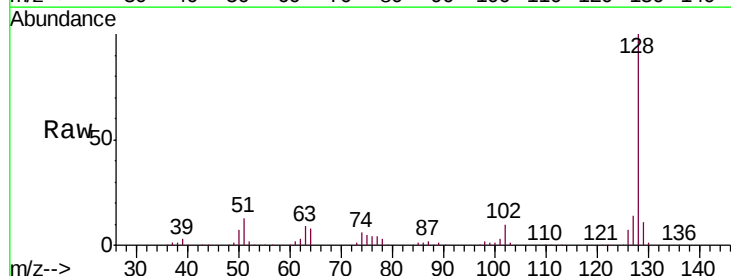
Instrument :
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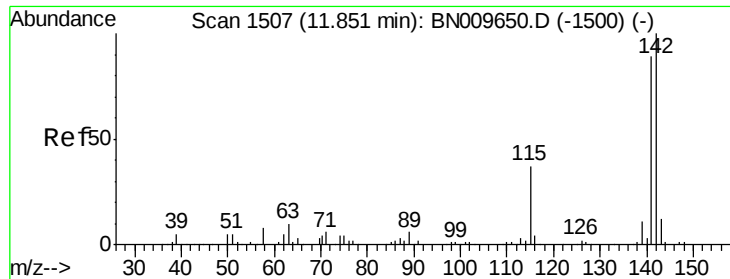
Tgt Ion:128 Resp: 697709
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.7 10.7 16.1



#30
4-Chloroaniline
Concen: 10.352 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.13 min
Lab File: BN009697.D
Acq: 10 Feb 2020 22:12

Tgt Ion:127 Resp: 91029
Ion Ratio Lower Upper
127 100
129 78.5 25.2 37.8#

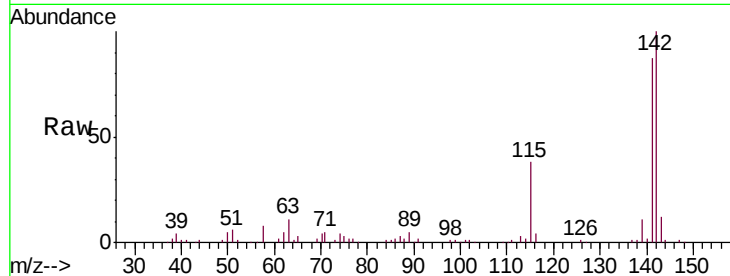




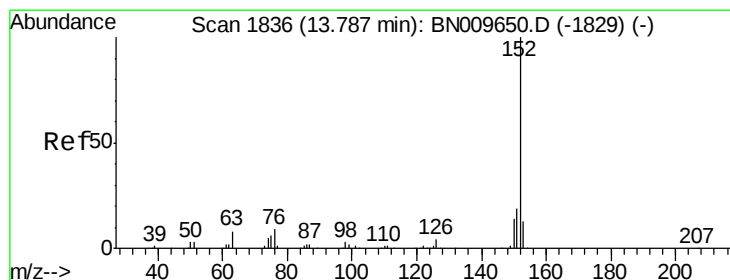
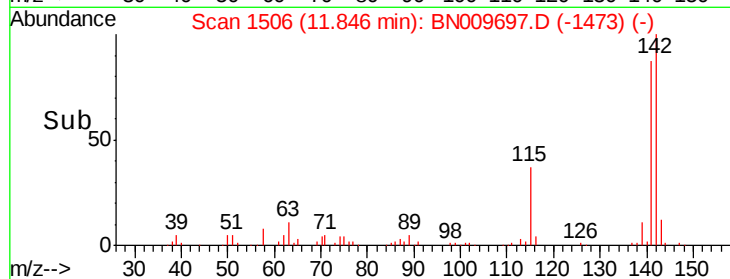
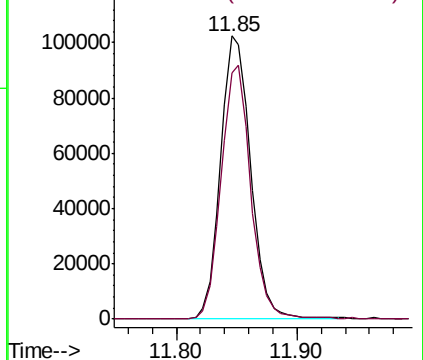
#34
 2-Methylnaphthalene
 Concen: 9.180 ng/ul
 RT: 11.85 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BN009697.D
 Acq: 10 Feb 2020 22:12

Instrument :
 BNA_N
 ClientSampleId :
 GAT71MEDL2

Tgt Ion:142 Resp: 177471
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.5 107.3

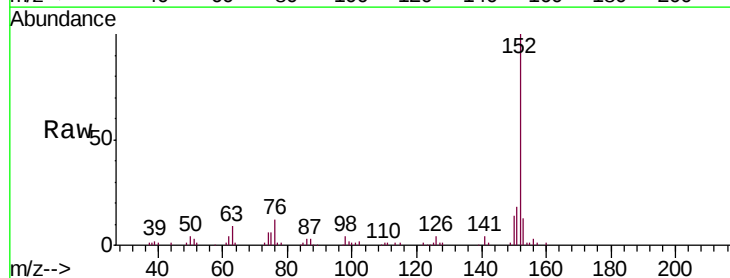


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

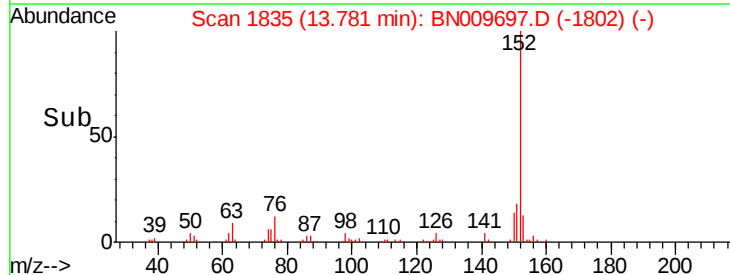
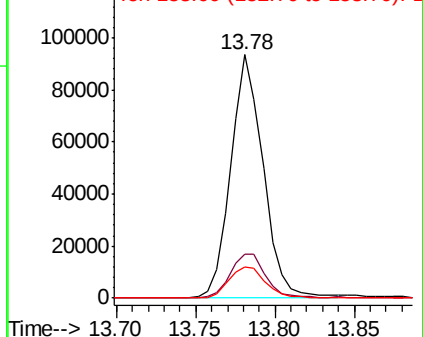


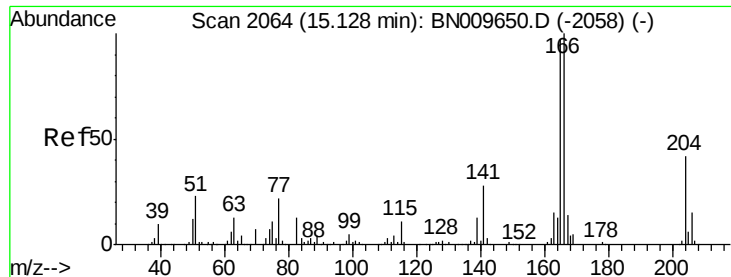
#47
 Acenaphthylene
 Concen: 4.284 ng/ul
 RT: 13.78 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BN009697.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:152 Resp: 133084
 Ion Ratio Lower Upper
 152 100
 151 17.9 16.2 24.2
 153 12.8 10.6 15.8



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





#58

Fluorene

Concen: 3.071 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BN009697.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_N

ClientSampleId :

GAT71MEDL2

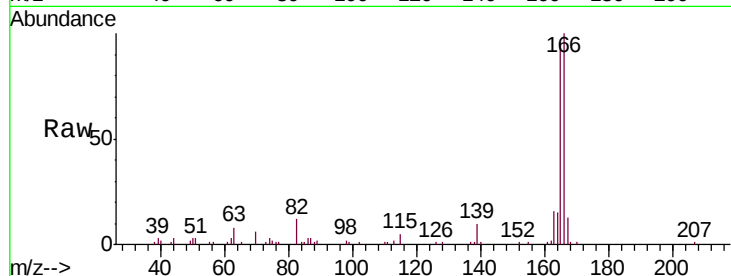
Tgt Ion:166 Resp: 75462

Ion Ratio Lower Upper

166 100

165 96.2 76.7 115.1

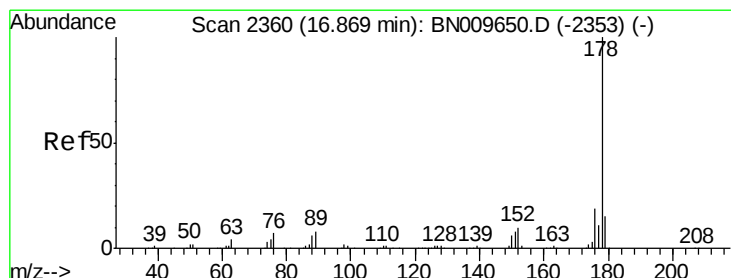
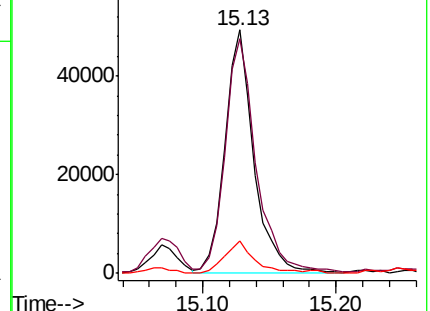
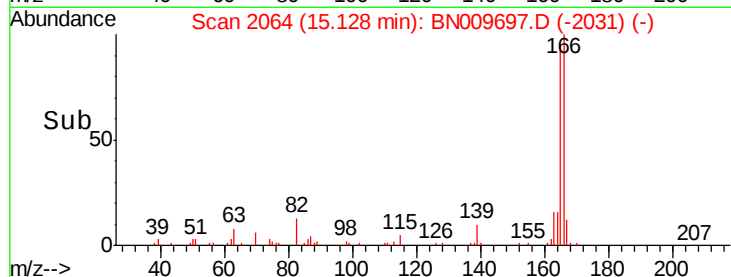
167 13.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 9.083 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN009697.D

Acq: 10 Feb 2020 22:12

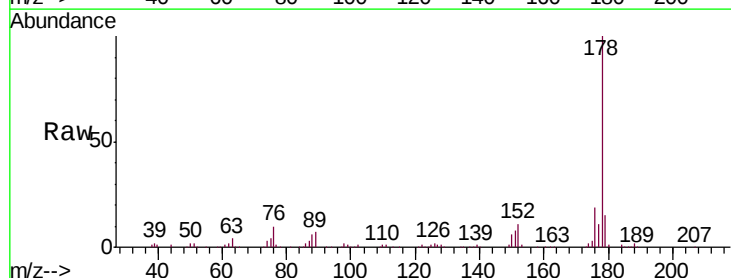
Tgt Ion:178 Resp: 354295

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

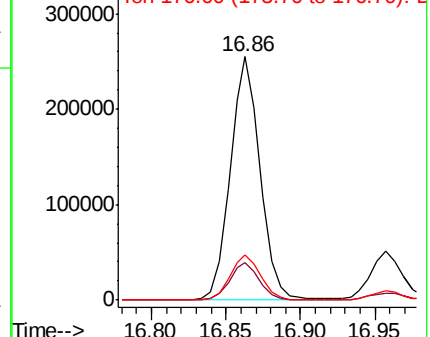
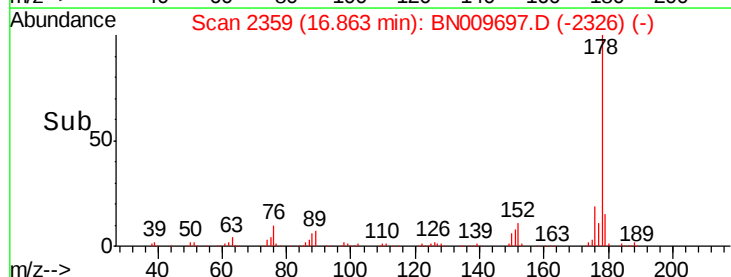
176 18.6 14.8 22.2

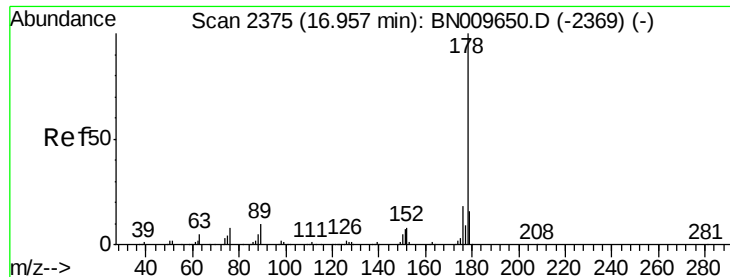


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

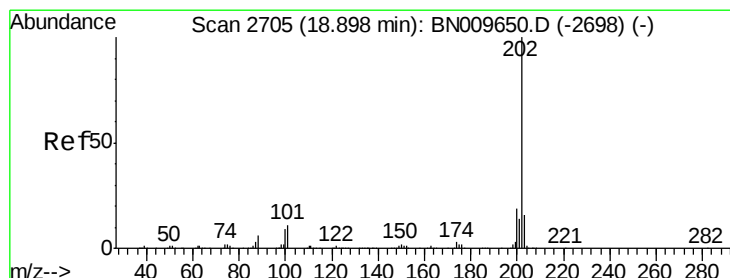
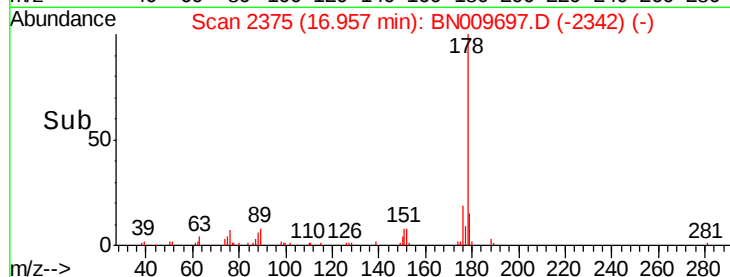
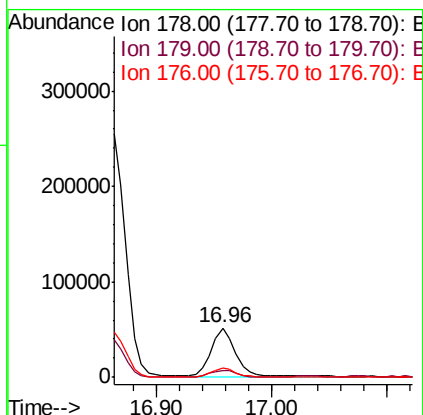
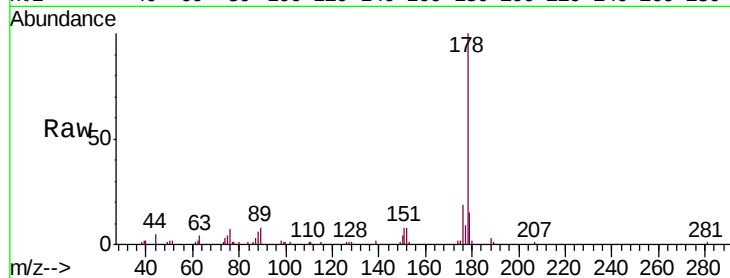




#71
 Anthracene
 Concen: 2.030 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009697.D
 Acq: 10 Feb 2020 22:12

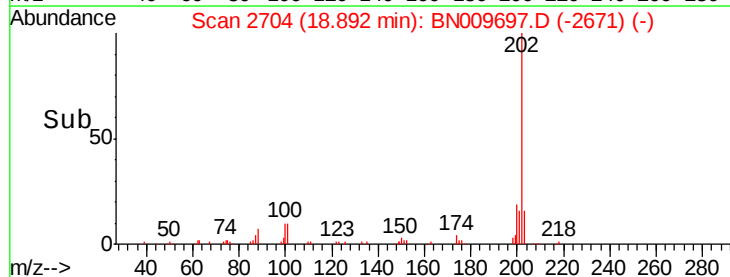
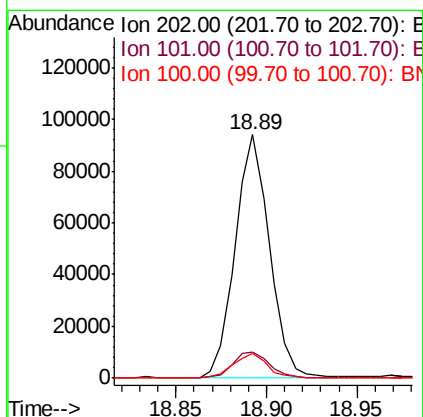
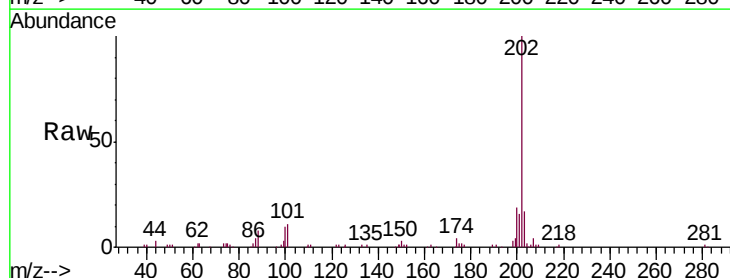
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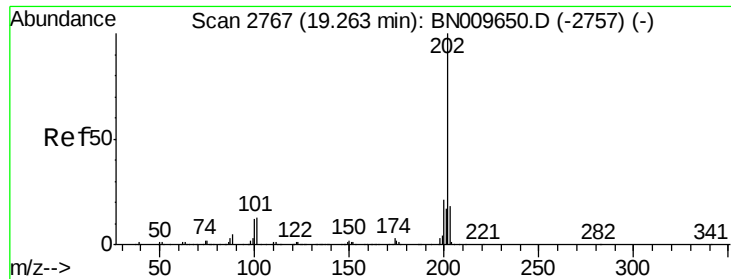
Tgt Ion:178 Resp: 80343
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.1 18.1
 176 18.8 14.6 21.8



#76
 Fluoranthene
 Concen: 2.796 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN009697.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:202 Resp: 124462
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.2 13.8
 100 10.1 6.9 10.3

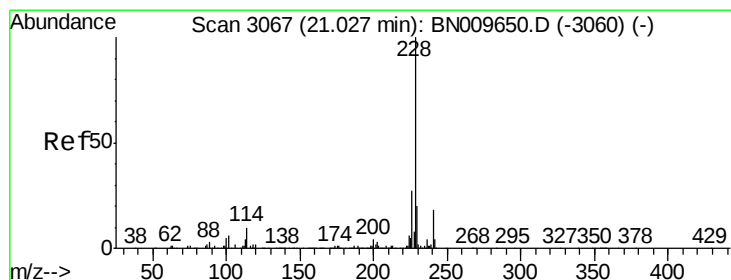
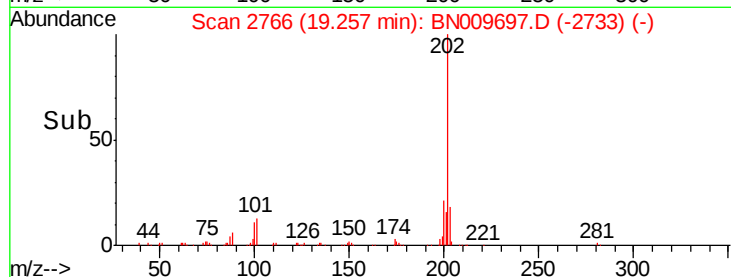
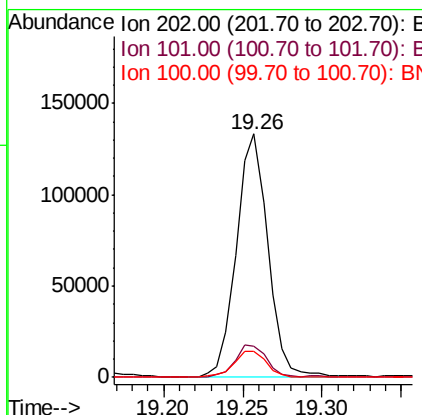
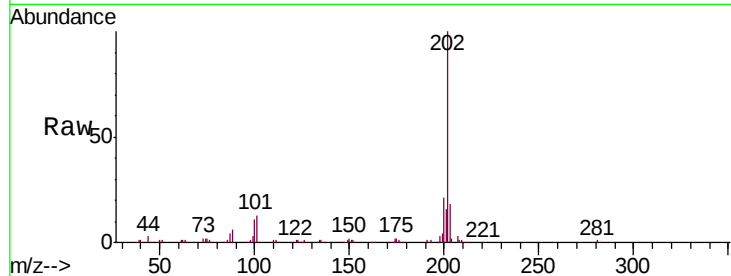




#79
 Pyrene
 Concen: 3.818 ng/ul
 RT: 19.26 min Scan# 2766
 Delta R.T. -0.01 min
 Lab File: BN009697.D
 Acq: 10 Feb 2020 22:12

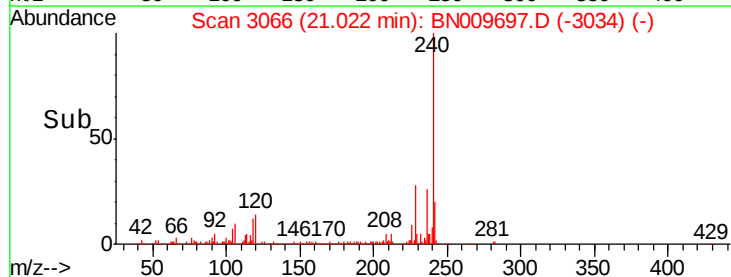
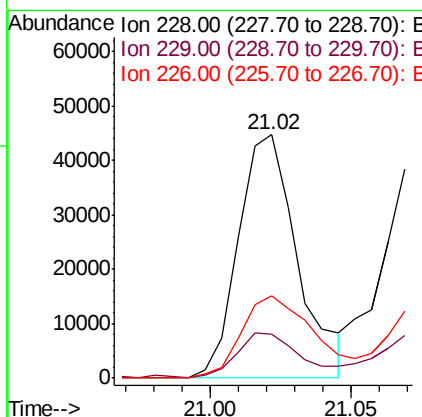
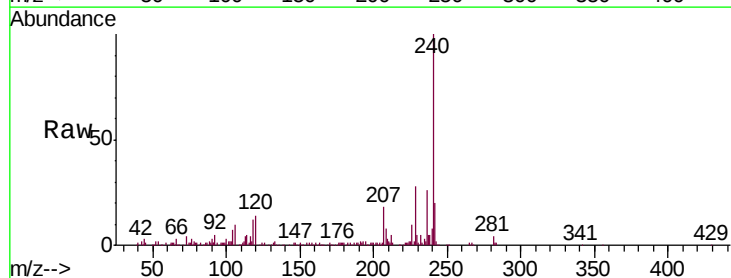
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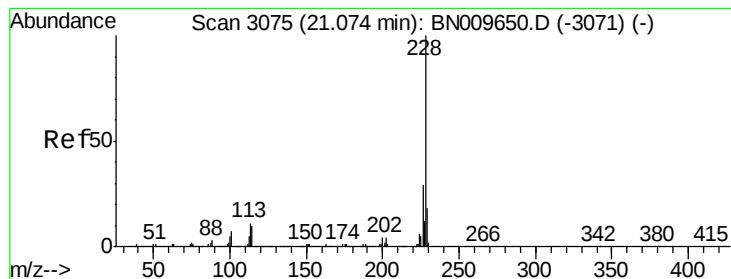
Tgt Ion:	202	Resp:	184388
Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.3	15.5
100	10.5	8.4	12.6



#82
 Benzo(a)anthracene
 Concen: 1.425 ng/ul
 RT: 21.02 min Scan# 3066
 Delta R.T. -0.01 min
 Lab File: BN009697.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:	228	Resp:	65105
Ion	Ratio	Lower	Upper
228	100		
229	18.0	15.0	22.4
226	34.0	20.9	31.3#





#84

Chrysene

Concen: 1.132 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BN009697.D

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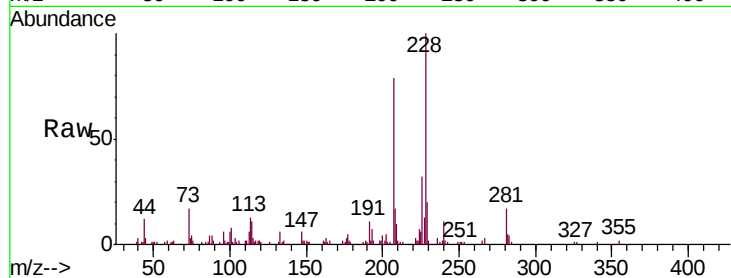
Tgt Ion:228 Resp: 51465

Ion Ratio Lower Upper

228 100

226 32.3 23.5 35.3

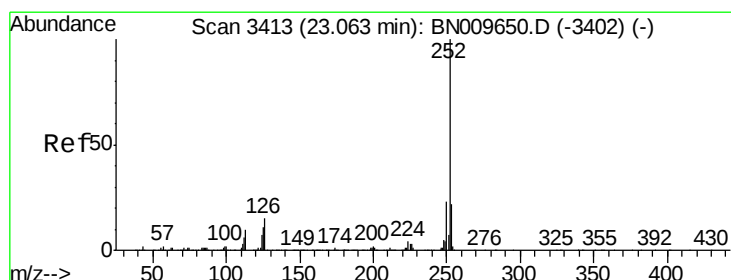
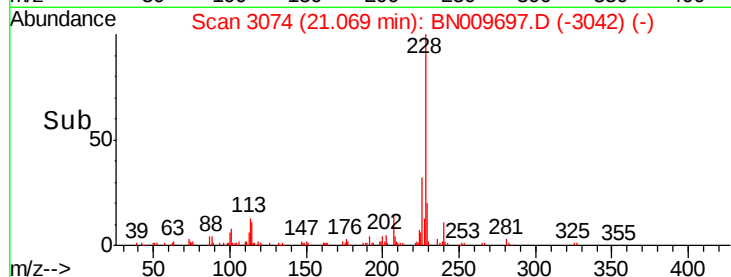
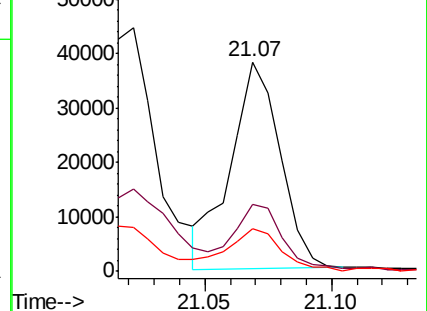
229 20.1 15.8 23.8



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



#90

Benzo(a)pyrene

Concen: 1.004 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.02 min

Lab File: BN009697.D

Acq: 10 Feb 2020 22:12

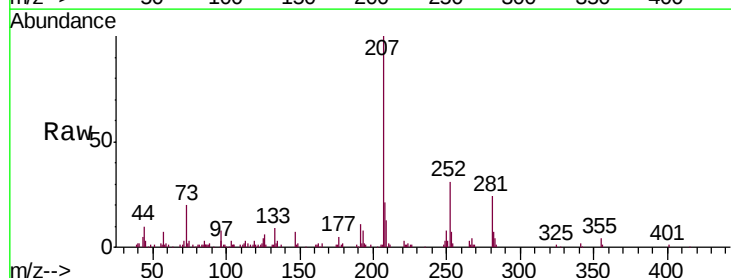
Tgt Ion:252 Resp: 38434

Ion Ratio Lower Upper

252 100

253 22.8 15.8 23.8

125 14.3 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

