

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
 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

Manual Integrations
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 2/12/2020 9:51:45 AM

Quant Time: Feb 11 05:27:03 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

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	9.86	165	2525m	0.32	ng/ul	0.04
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	16.92	188	28161m	0.91	ng/ul	-0.01
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

					Ovalue	
28) Naphthalene	10.23	128	697709	25.257	ng/ul	99
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

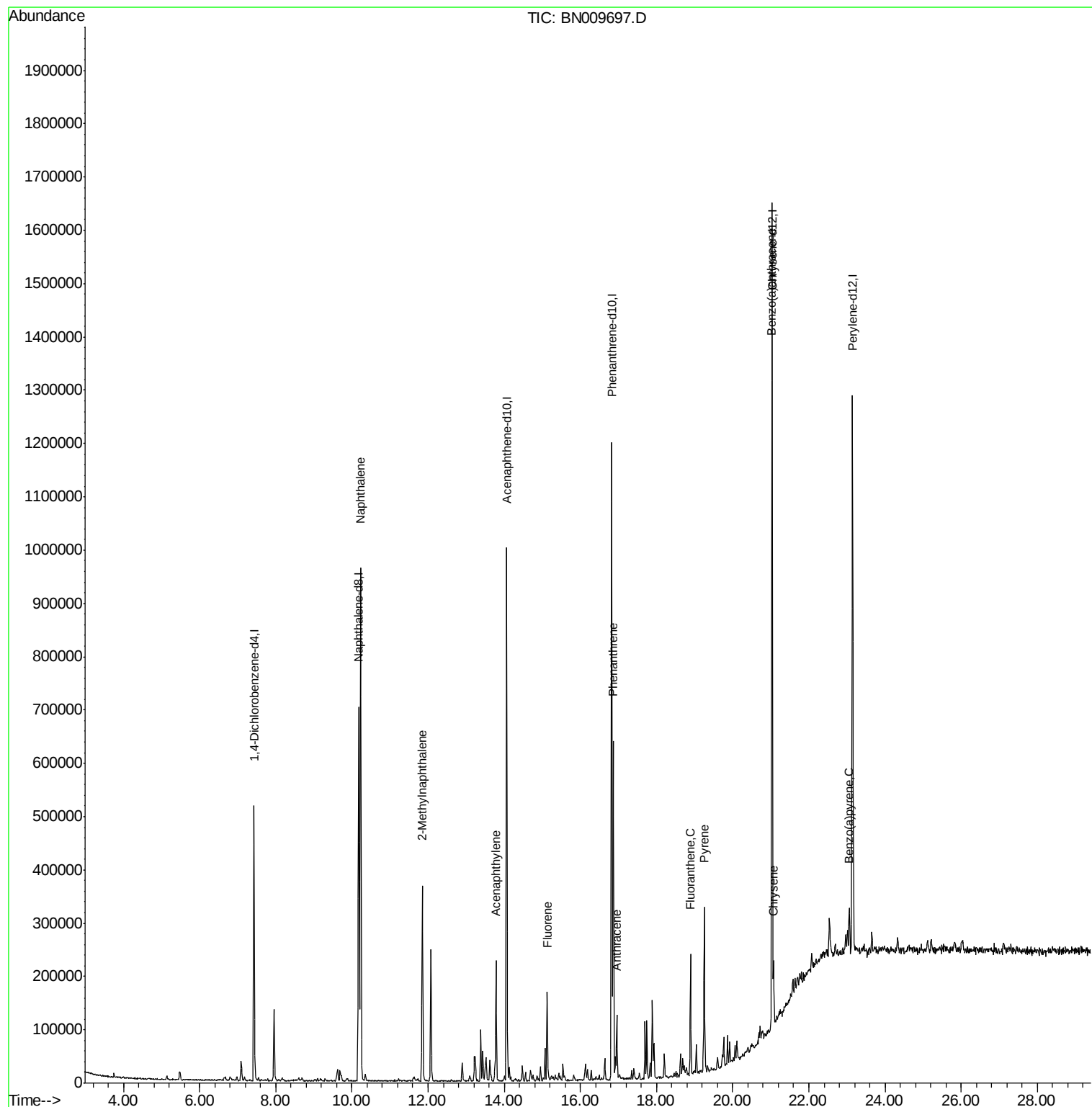
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009697.D
Acq On : 10 Feb 2020 22:12
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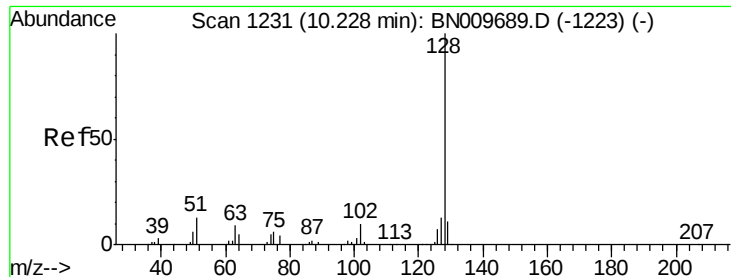
Instrument :
BNA_N
ClientSampleId :
GAT71MEDL2

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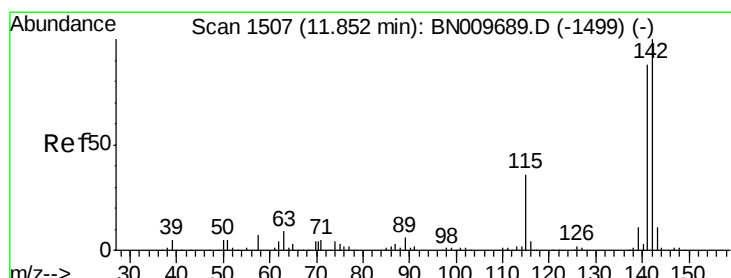
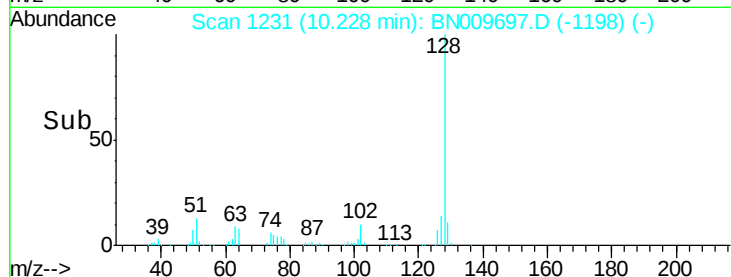
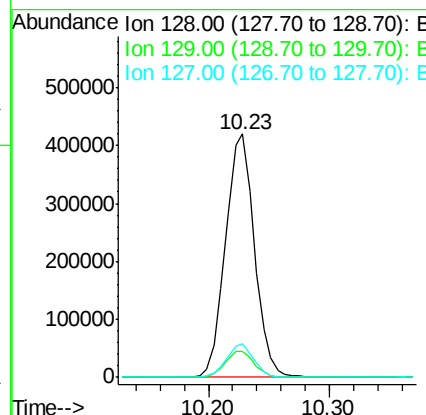
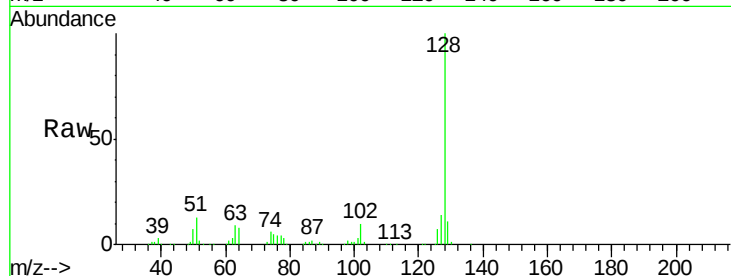
#28
Naphthalene
Concen: 25.257 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BN009697.D
Acq: 10 Feb 2020 22:12

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.7	10.7	16.1

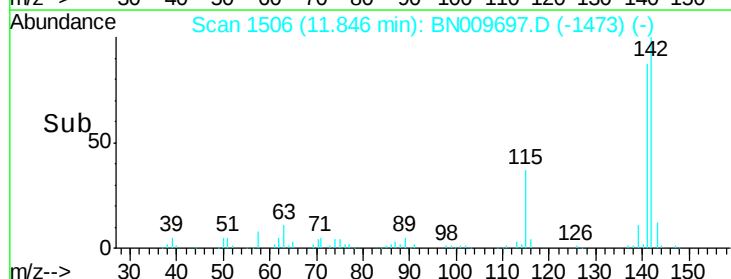
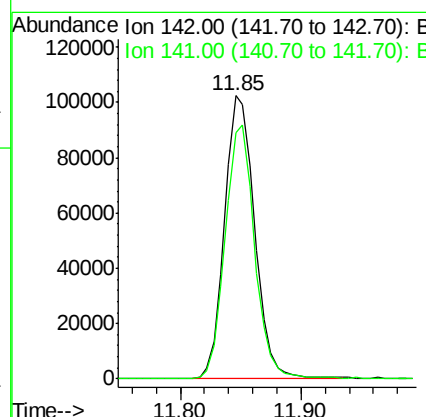
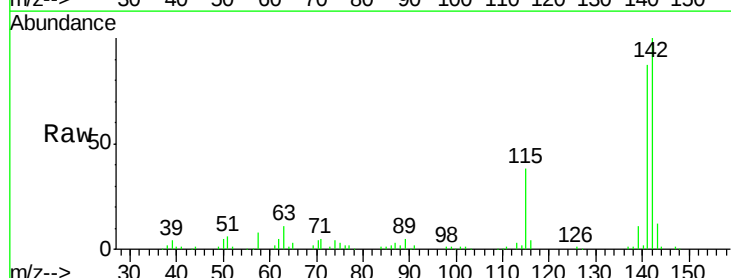
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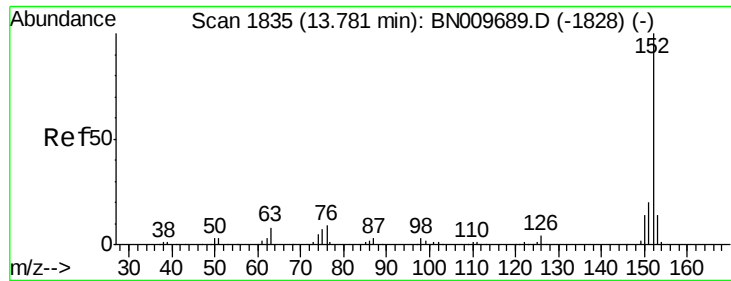
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#34
2-Methylnaphthalene
Concen: 9.180 ng/ul
RT: 11.85 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BN009697.D
Acq: 10 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.5	107.3





#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

Instrument :

BNA_N

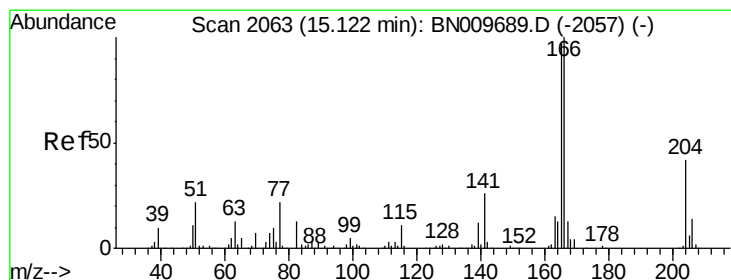
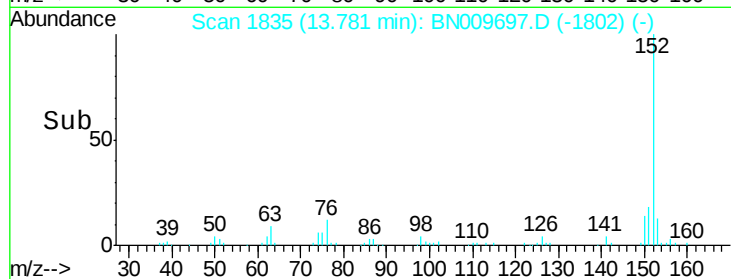
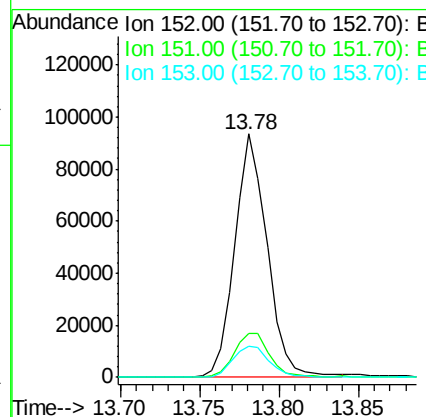
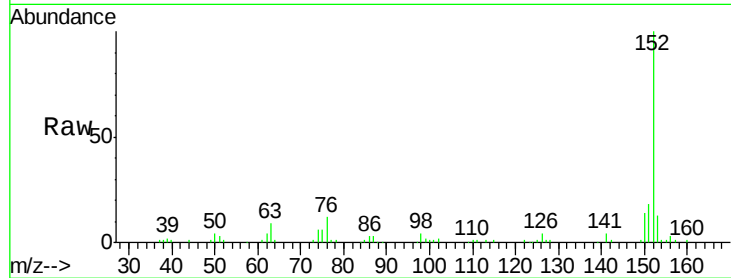
ClientSampleId :

GAT71MEDL2

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

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#58

Fluorene

Concen: 3.071 ng/ul

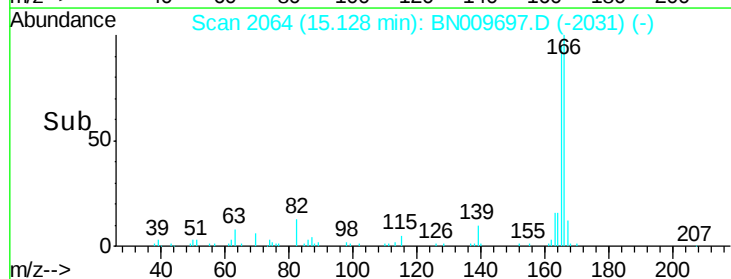
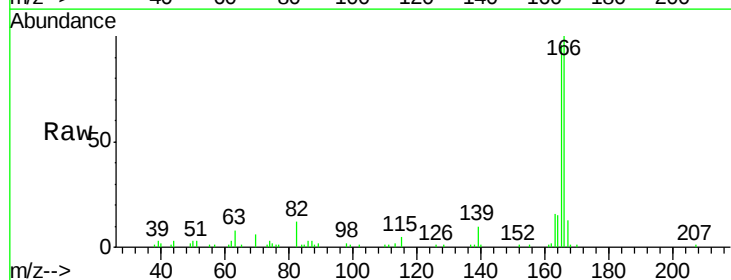
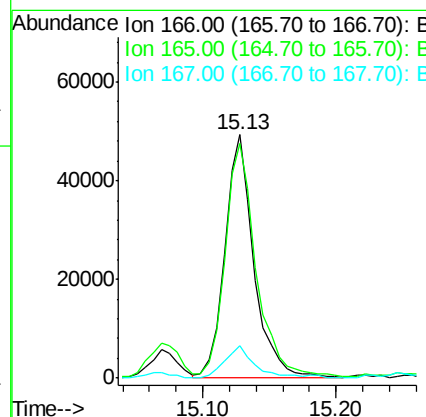
RT: 15.13 min Scan# 2064

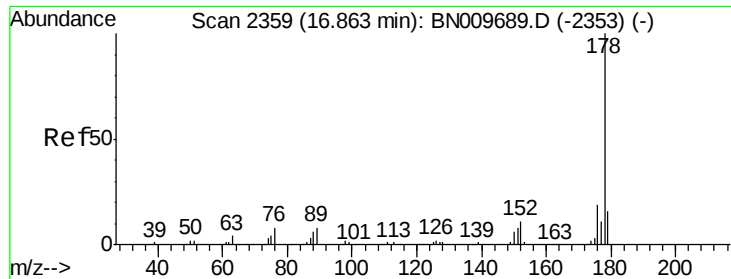
Delta R.T. -0.01 min

Lab File: BN009697.D

Acq: 10 Feb 2020 22:12

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





#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

Instrument :

BNA_N

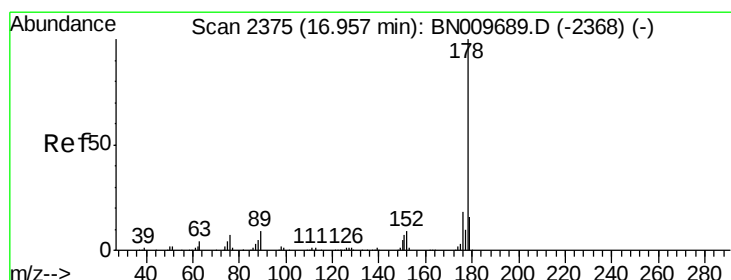
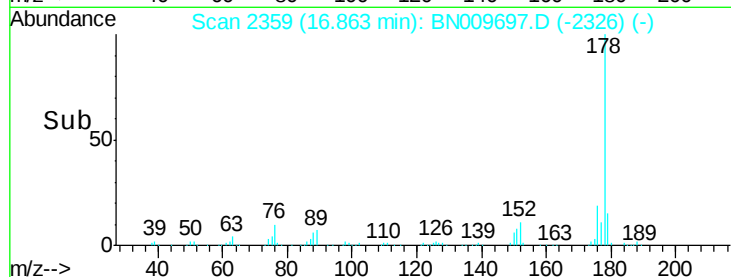
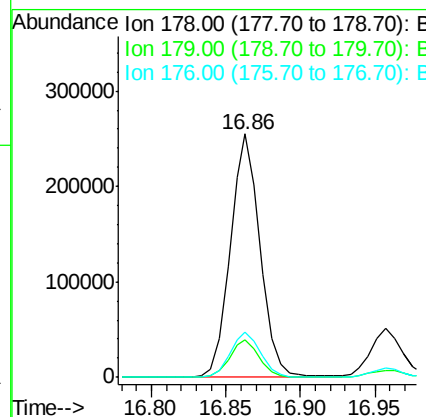
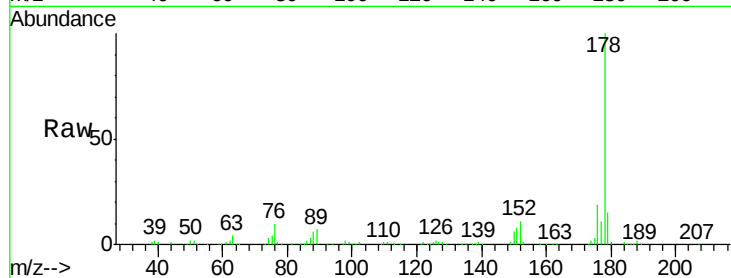
ClientSampleId :

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Tot Ion:	178	Resp:	354295
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.2
176	18.6	14.8	22.2

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#71

Anthracene

Concen: 2.030 ng/ul

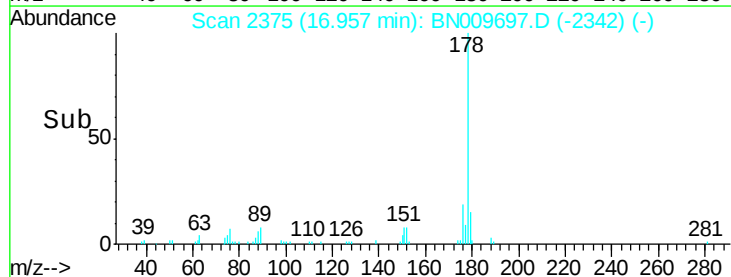
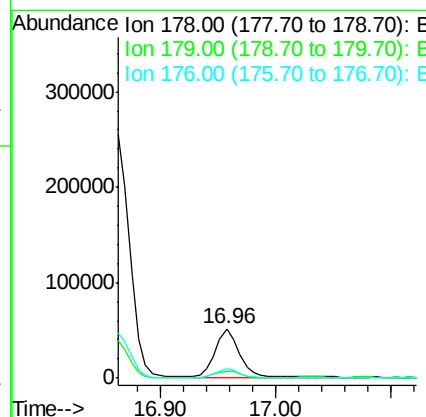
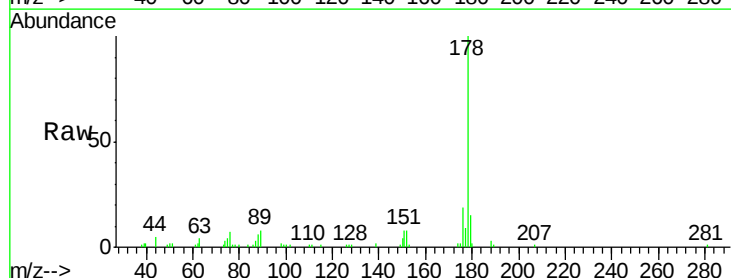
RT: 16.96 min Scan# 2375

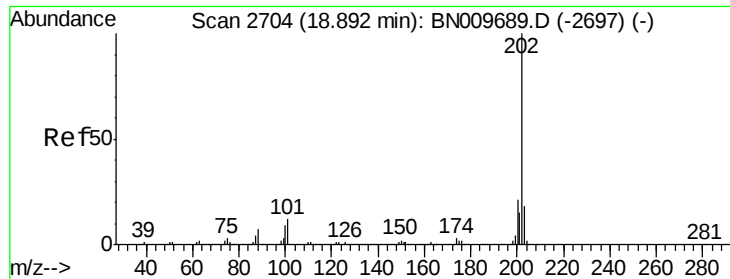
Delta R.T. -0.01 min

Lab File: BN009697.D

Acq: 10 Feb 2020 22:12

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

Instrument :

BNA_N

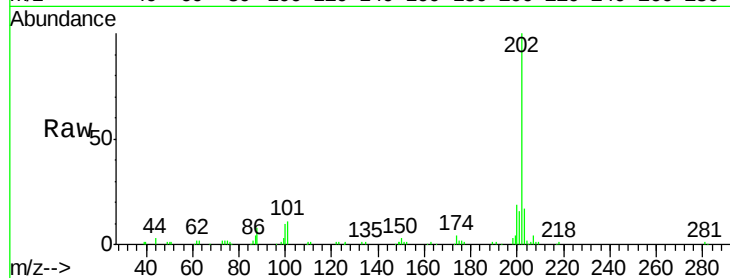
ClientSampleId :

GAT71MEDL2

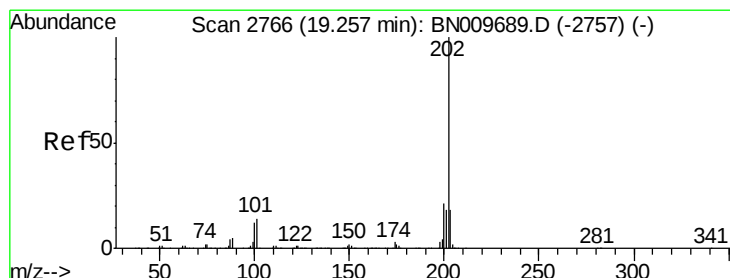
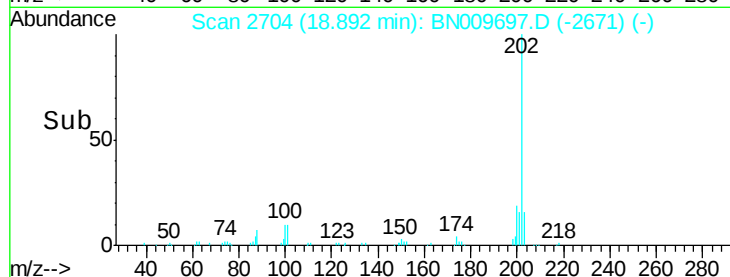
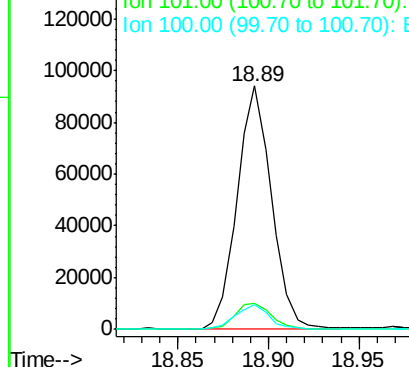
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		124462		
101	11.0	9.2	13.8		
100	10.1	6.9	10.3		

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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



#79

Pyrene

Concen: 3.818 ng/ul

RT: 19.26 min Scan# 2766

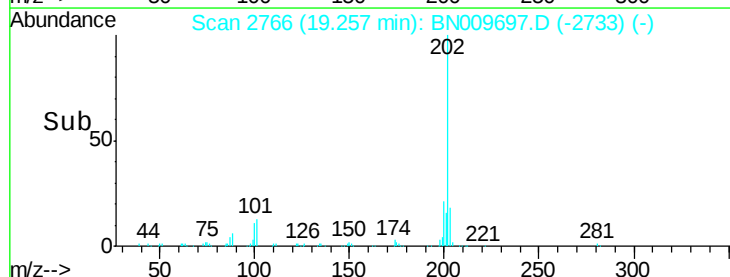
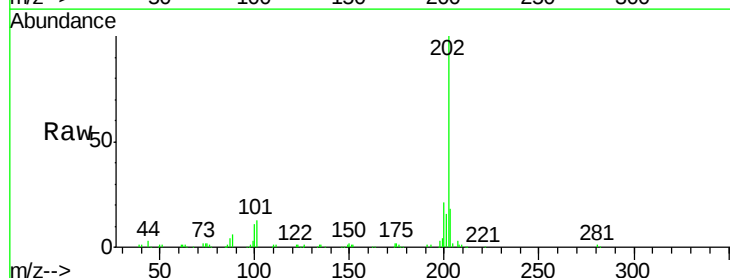
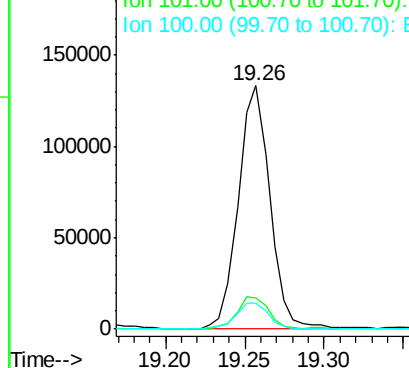
Delta R.T. -0.01 min

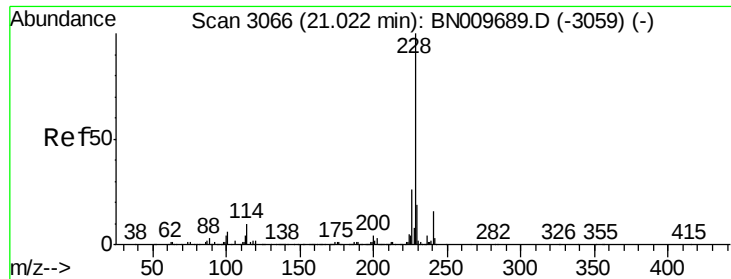
Lab File: BN009697.D

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

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





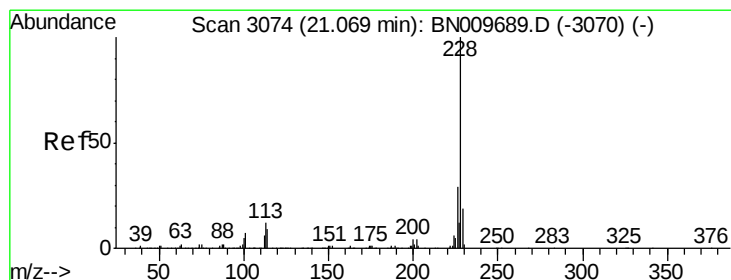
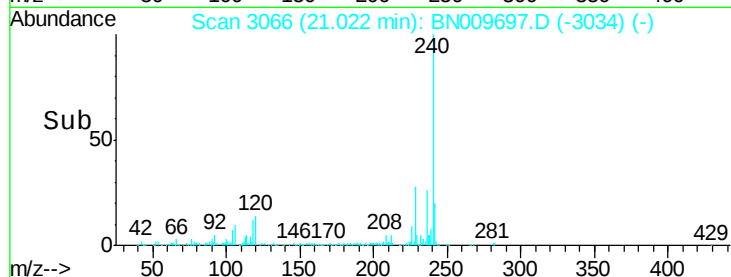
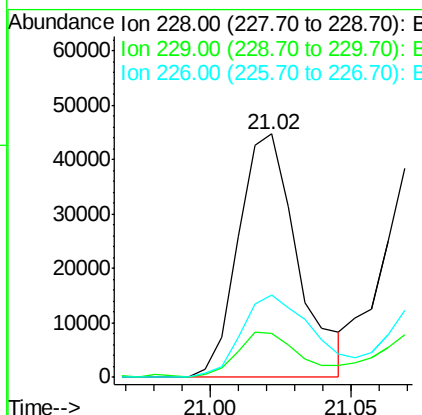
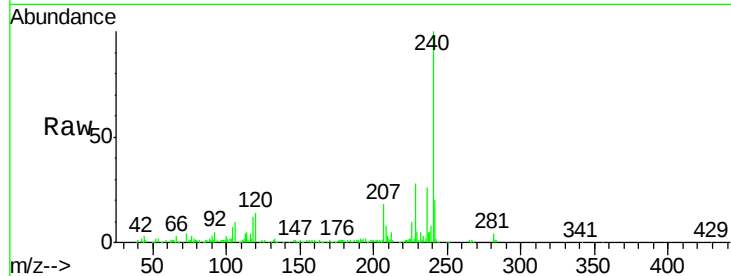
#82
Benzo(a)anthracene
Concen: 1.425 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009697.D
Acq: 10 Feb 2020 22:12

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL2

Tot Ion	Ratio	Lower	Upper
228	100		
229	18.0	15.0	22.4
226	34.0	20.9	31.3

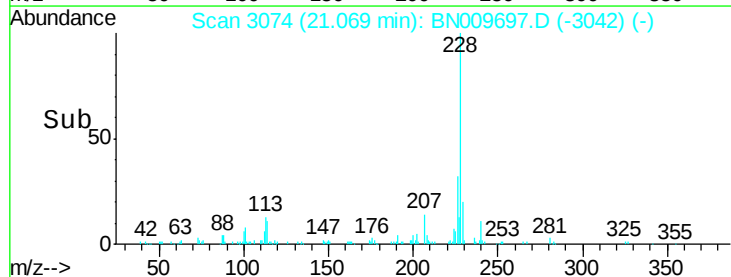
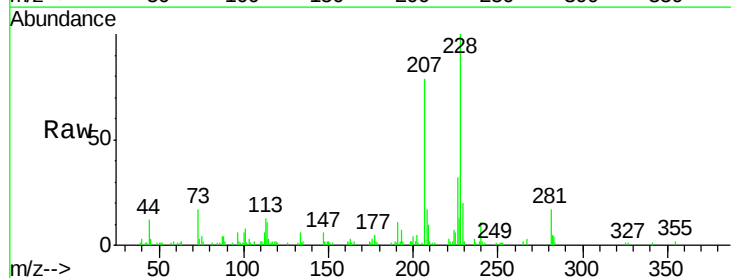
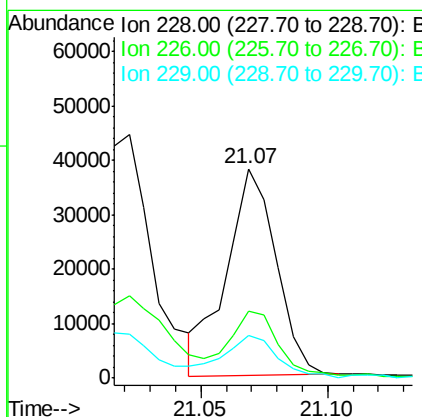
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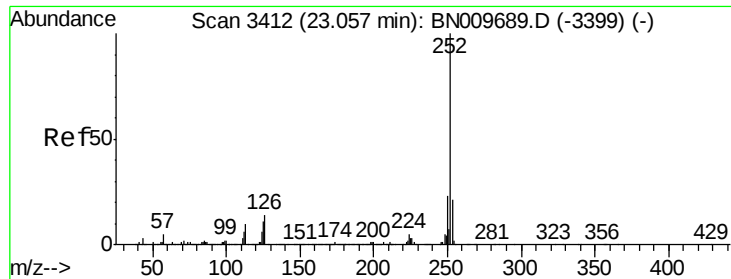
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#84
Chrysene
Concen: 1.132 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BN009697.D
Acq: 10 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.5	35.3
229	20.1	15.8	23.8





#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

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	15.8	23.8
125	14.3	8.7	13.1

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