

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005359.D
 Acq On : 29 Apr 2019 19:44
 Operator : JU/SJ
 Sample : K2402-10MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ0MEDL

Manual Integrations
 APPROVED

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 4/30/2019 6:27:13 PM

Quant Time: Apr 30 02:25:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	295304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1230030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	711828	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1559771	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1491495	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	1746567	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1092	0.18	ng/uL	0.00
5) Phenol-d5	6.78	99	35202	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	22958	1.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	29061	1.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	24442	1.35	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	15361	2.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	13506	1.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	26922	1.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	36599	2.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	96747	1.87	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	125346	1.98	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.47	143	9953m	1.22	ng/ul	0.04
57) Fluorene-d10	15.22	176	89166	2.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	5441	0.78	ng/ul	0.00
70) Anthracene-d10	17.08	188	140618	2.15	ng/ul	0.00
78) Pyrene-d10	19.39	212	151976	1.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	152227	1.99	ng/ul	-0.04

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	3903654	68.267	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	2149851	51.347	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	156437	2.950	ng/ul	98
47) Acenaphthylene	13.94	152	742395	11.903	ng/ul	97
49) Acenaphthene	14.29	153	54190	1.273	ng/ul	98
53) Dibenzofuran	14.63	168	63444	1.035	ng/ul	93
58) Fluorene	15.28	166	318786	6.664	ng/ul	99
69) Phenanthrene	17.02	178	1403417	18.475	ng/ul	99
71) Anthracene	17.11	178	295139	3.814	ng/ul	99
76) Fluoranthene	19.05	202	312188	3.705	ng/ul	99
79) Pyrene	19.42	202	490822	5.111	ng/ul	99
82) Benzo(a)anthracene	21.19	228	177664m	1.915	ng/ul	
84) Chrysene	21.24	228	150630	1.749	ng/ul	96
87) Benzo(b)fluoranthene	22.76	252	101147	1.030	ng/ul	98
90) Benzo(a)pyrene	23.31	252	113457	1.229	ng/ul	95

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

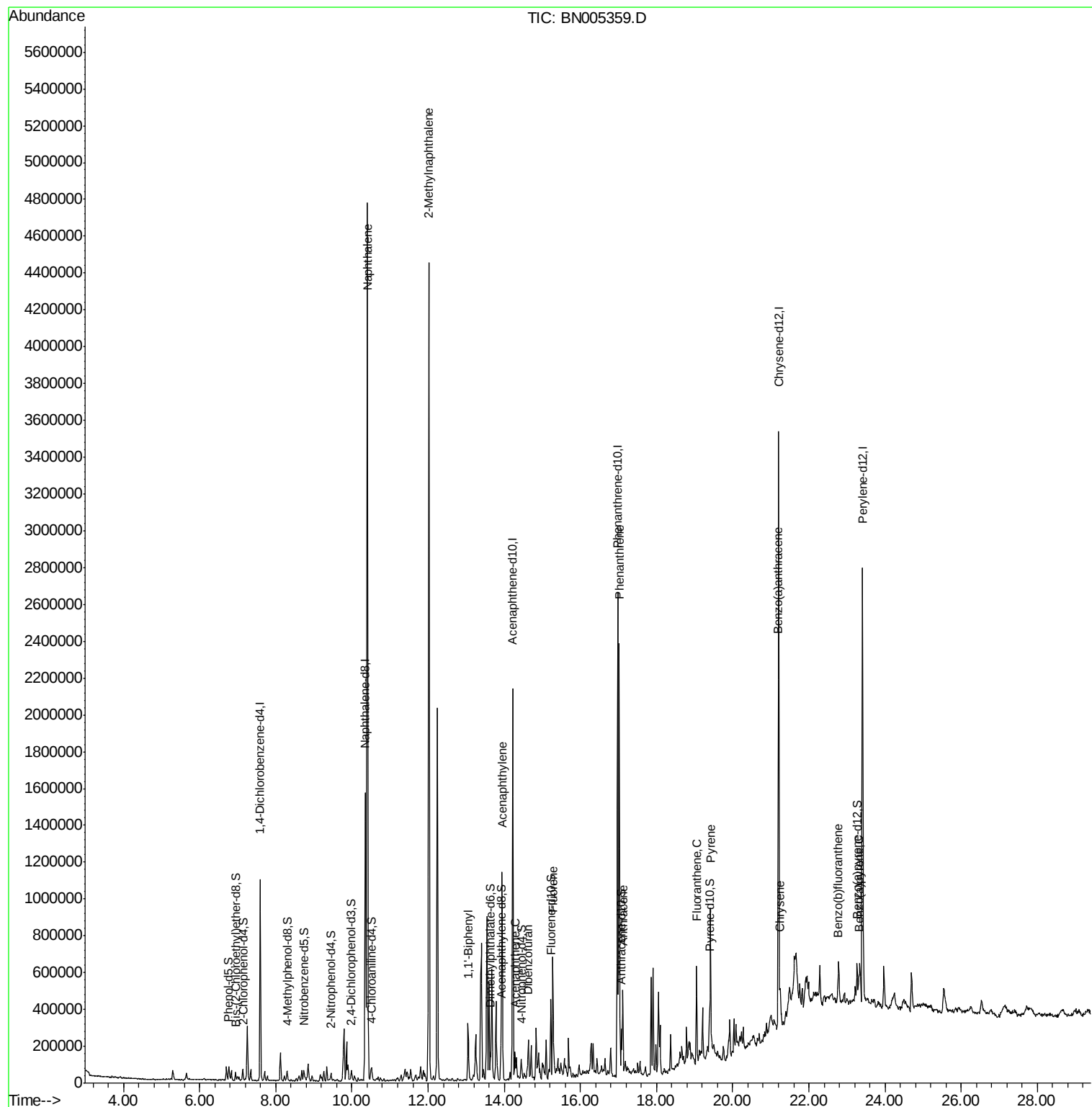
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

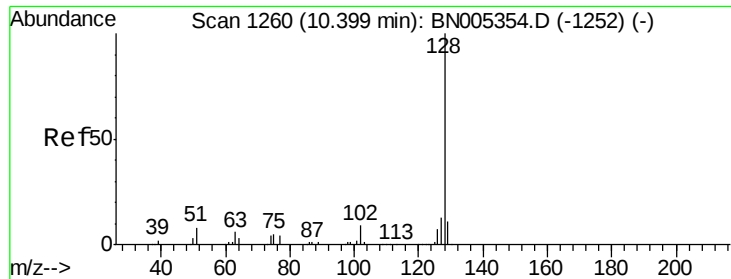
Instrument :
BNA_N
ClientSampled :
GAHJ0MEDL

Manual Integrations
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Quant Time: Apr 30 02:25:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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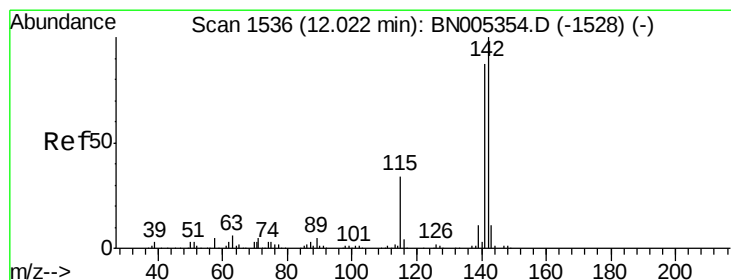
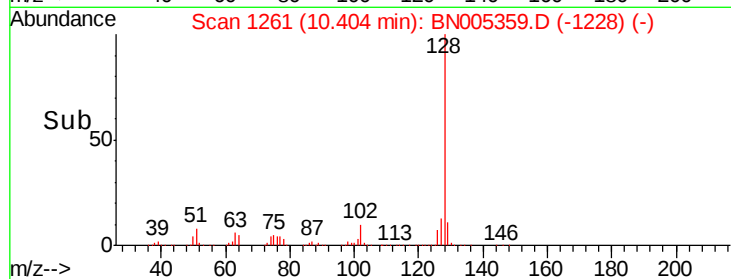
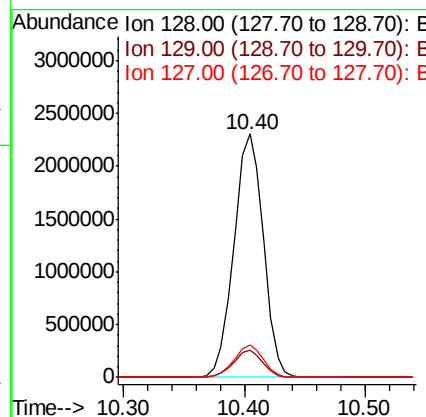
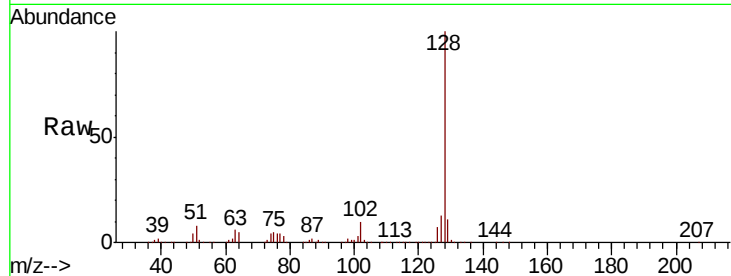
#28
Naphthalene
Concen: 68.267 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005359.D
Acq: 29 Apr 2019 19:44

Instrument :
BNA_N
ClientSampleId :
GAHJ0MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.1	10.7	16.1

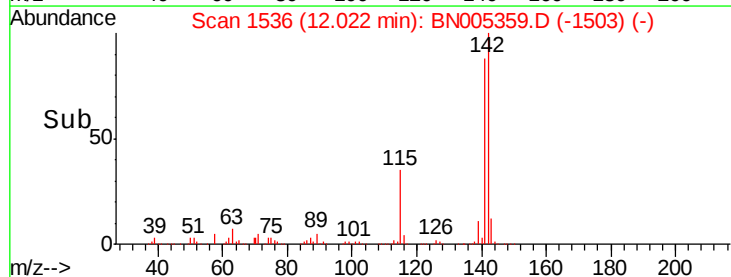
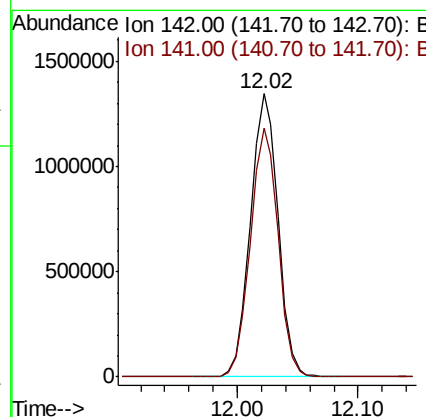
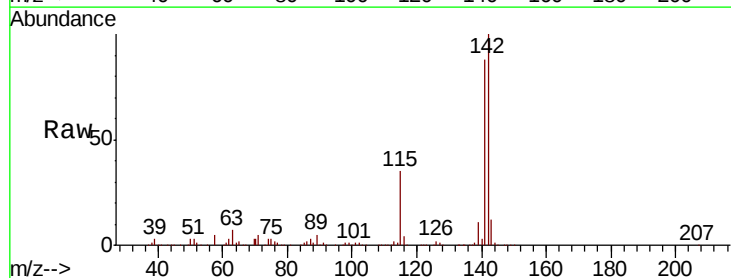
Manual Integrations
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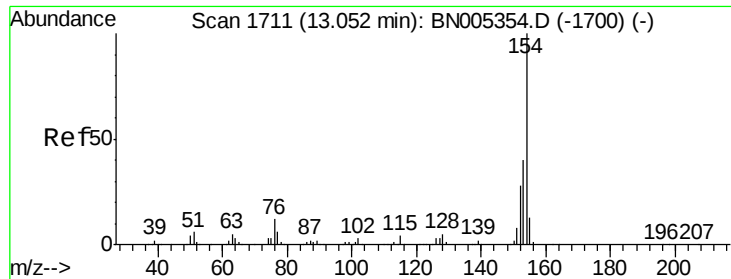
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#34
2-Methylnaphthalene
Concen: 51.347 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005359.D
Acq: 29 Apr 2019 19:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0





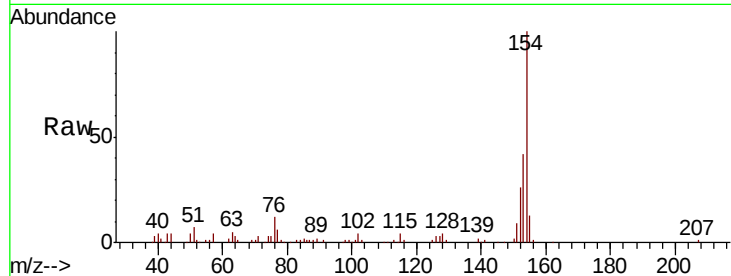
#40
1,1'-Biphenyl
Concen: 2.950 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BN005359.D
Acq: 29 Apr 2019 19:44

Instrument :
BNA_N
ClientSampleId :
GAHJ0MEDL

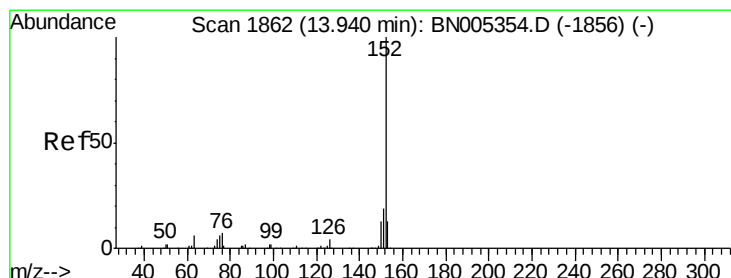
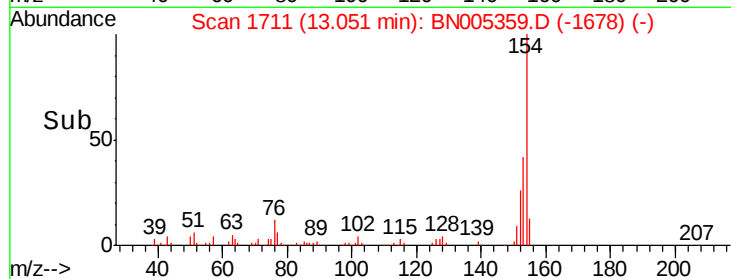
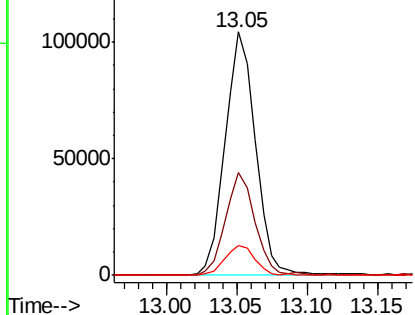
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	32.6	49.0
76	12.5	10.4	15.6

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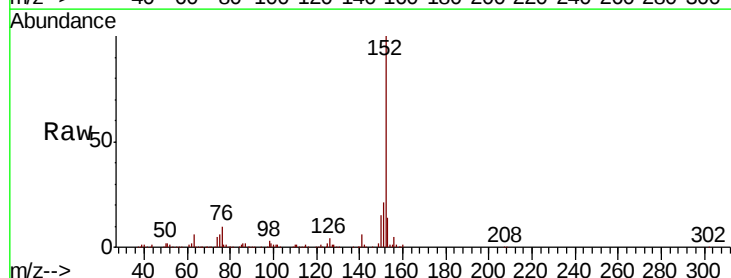


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNO

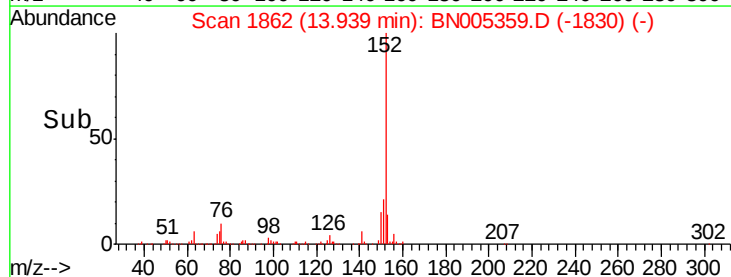
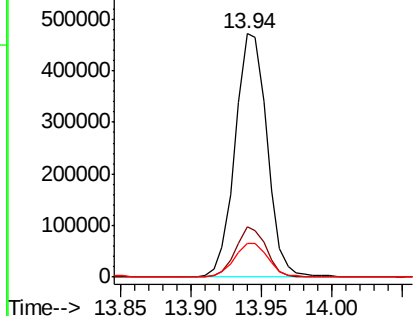


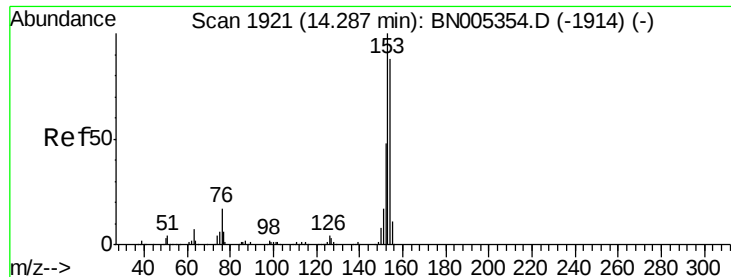
#47
Acenaphthylene
Concen: 11.903 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005359.D
Acq: 29 Apr 2019 19:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	13.8	9.8	14.8



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





#49

Acenaphthene

Concen: 1.273 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005359.D

Acq: 29 Apr 2019 19:44

Instrument :

BNA_N

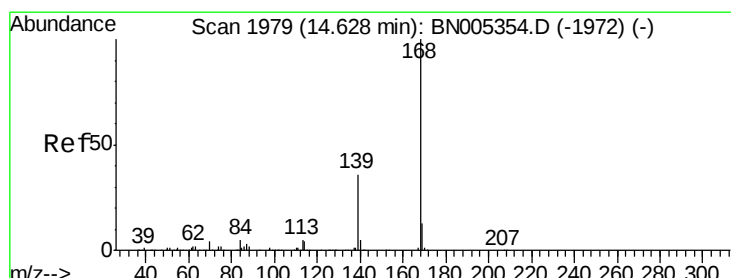
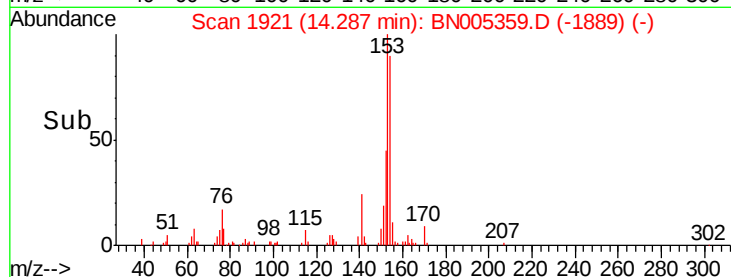
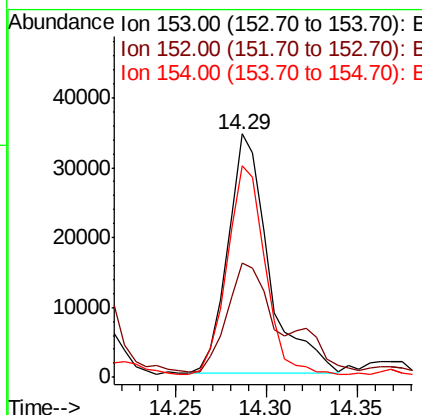
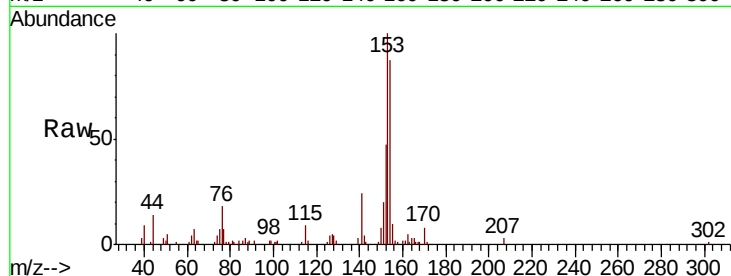
ClientSampleId :

GAHJOMEDL

Tot Ion:	153	Resp:	54190
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.4	56.0
154	87.0	71.2	106.8

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#53

Dibenzofuran

Concen: 1.035 ng/ul

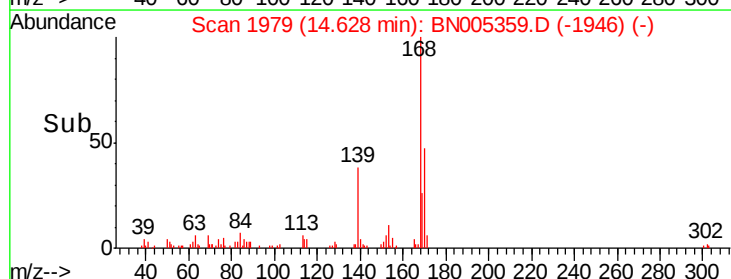
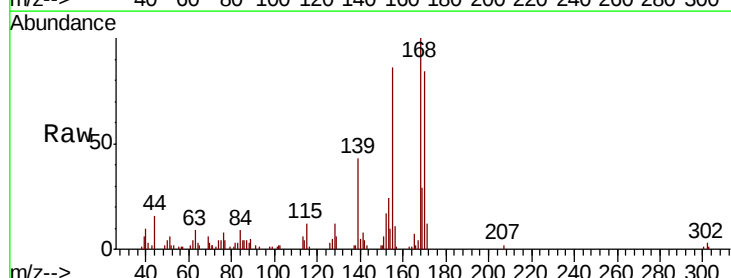
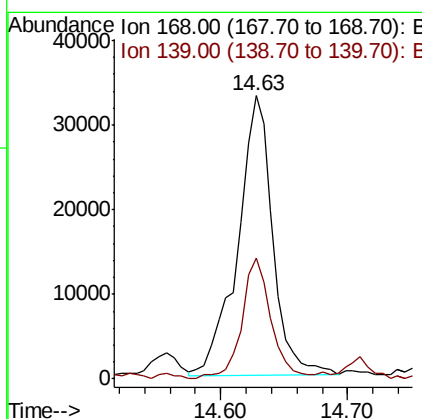
RT: 14.63 min Scan# 1979

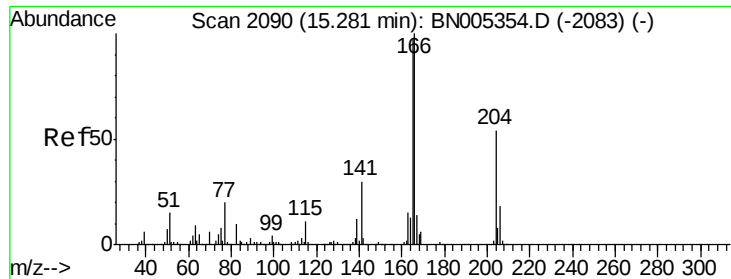
Delta R.T. -0.01 min

Lab File: BN005359.D

Acq: 29 Apr 2019 19:44

Tgt Ion:	168	Resp:	63444
Ion Ratio	Lower	Upper	
168	100		
139	42.7	30.9	46.3





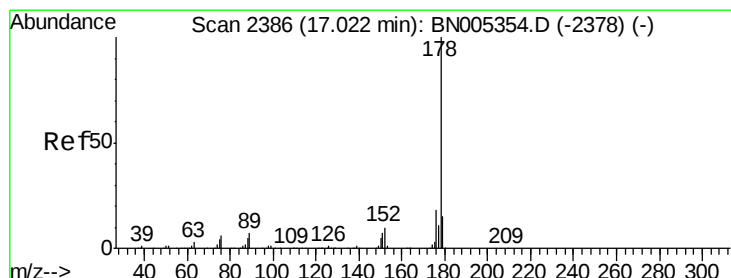
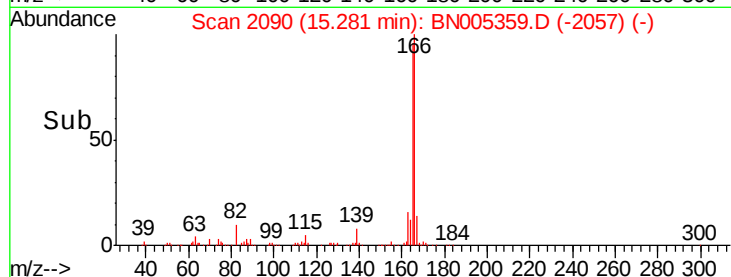
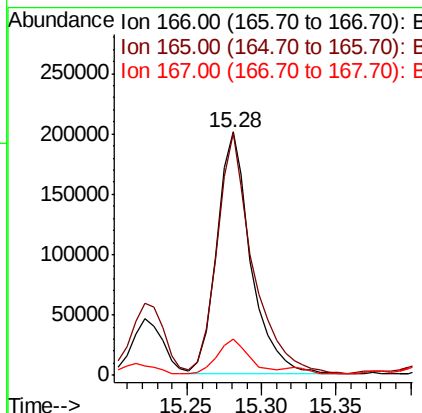
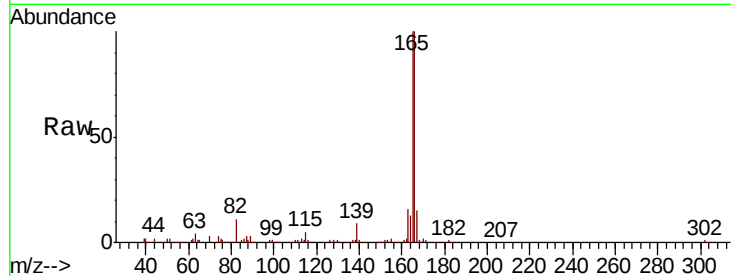
#58
Fluorene
 Concen: 6.664 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BN005359.D
 Acq: 29 Apr 2019 19:44

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ0MEDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	15.1	10.7	16.1

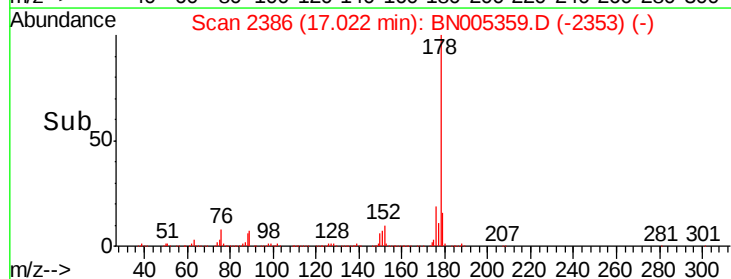
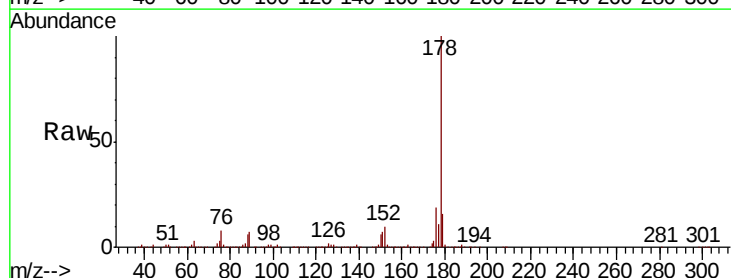
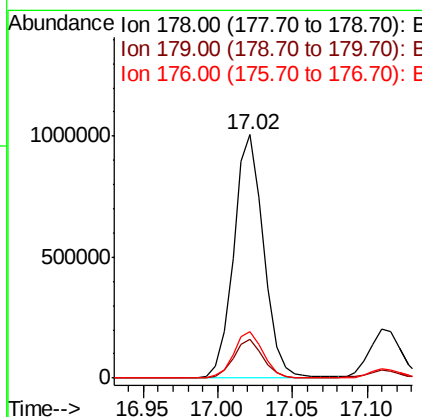
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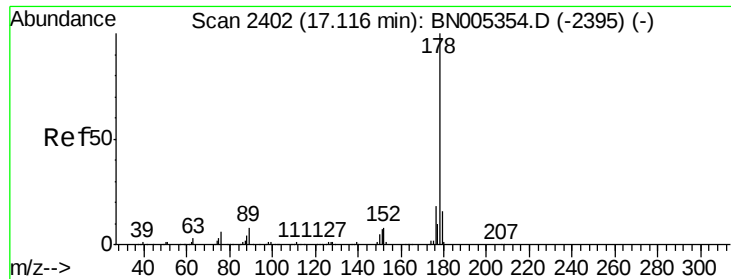
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#69
Phenanthrene
 Concen: 18.475 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BN005359.D
 Acq: 29 Apr 2019 19:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.0	15.1	22.7





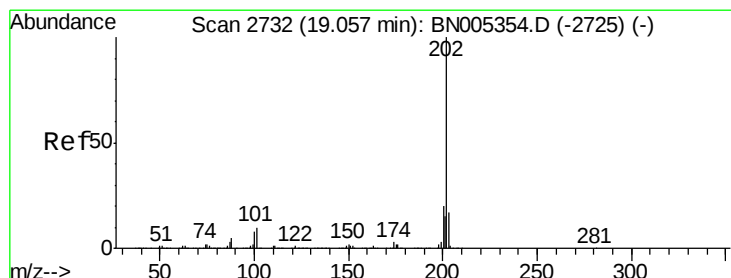
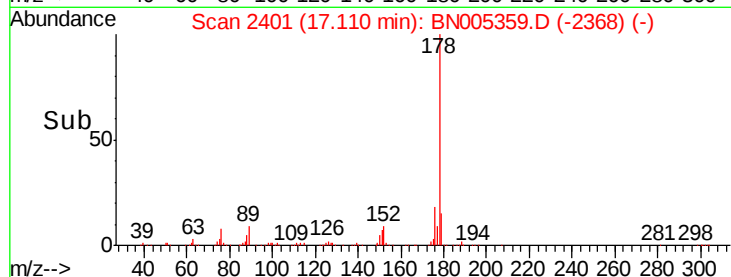
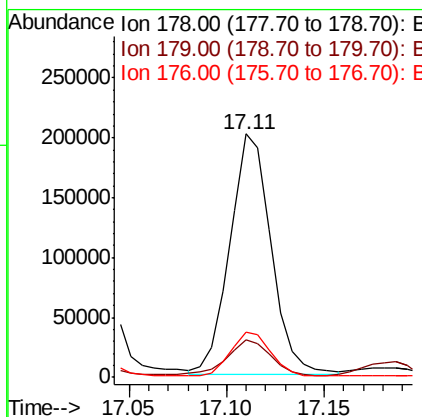
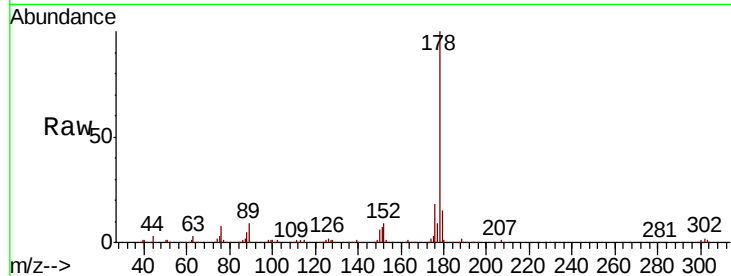
#71
 Anthracene
 Concen: 3.814 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005359.D
 Acq: 29 Apr 2019 19:44

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ0MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.4	15.1	22.7

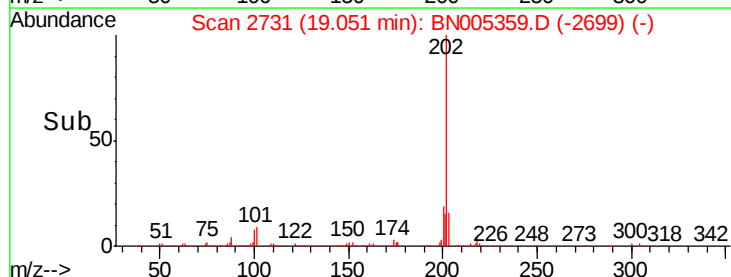
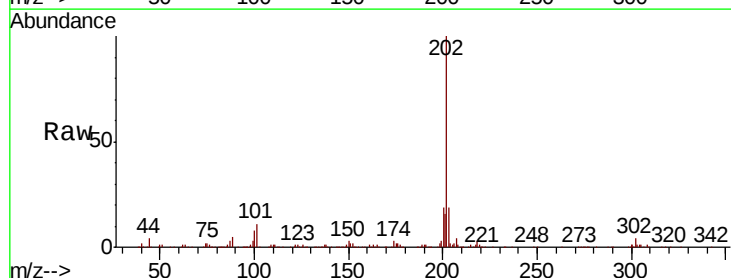
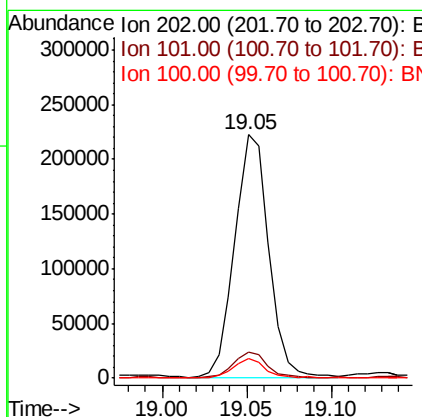
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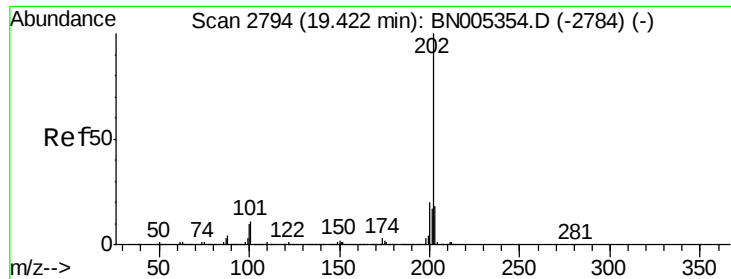
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#76
 Fluoranthene
 Concen: 3.705 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN005359.D
 Acq: 29 Apr 2019 19:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.6	12.8
100	8.3	6.3	9.5





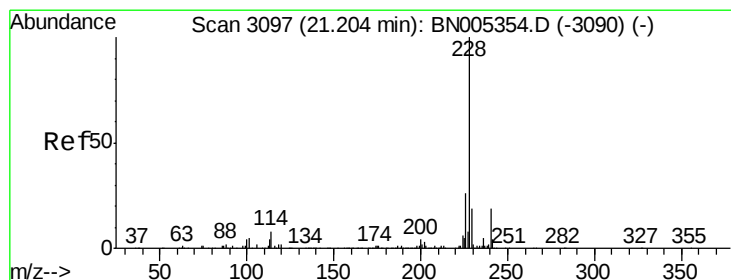
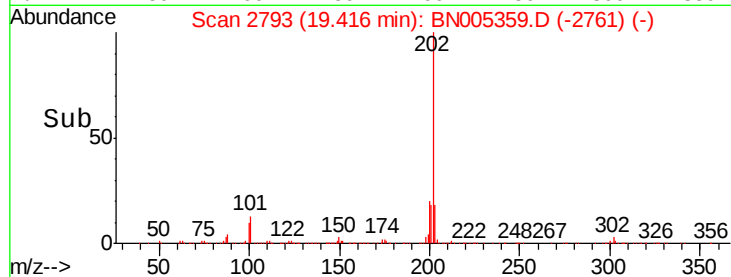
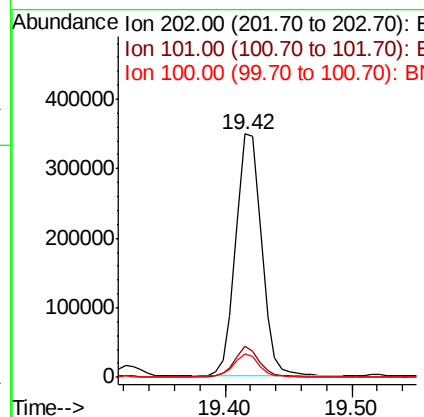
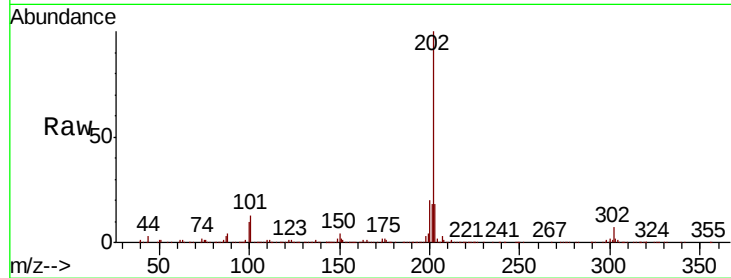
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Pvrene
Concen: 5.111 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005359.D
Acq: 29 Apr 2019 19:44

Instrument :
BNA_N
ClientSampleId :
GAHJ0MEDL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	10.3	15.5
100	9.8	7.9	11.9

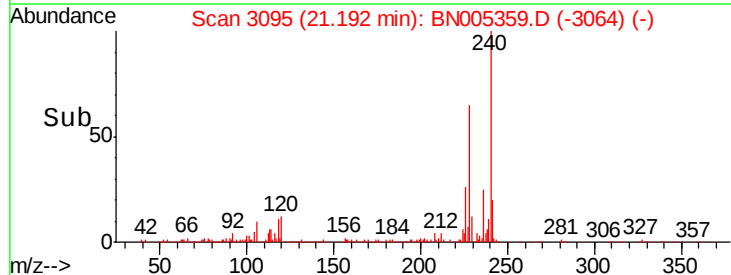
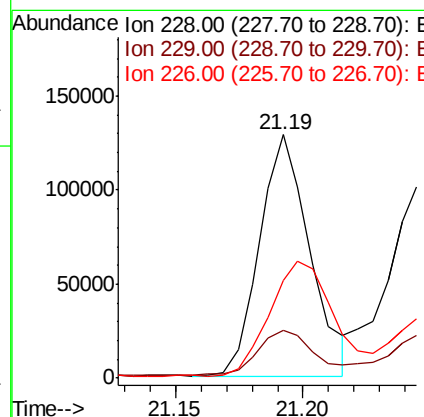
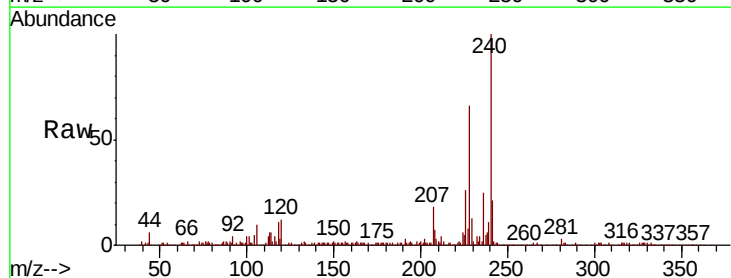
Manual Integrations
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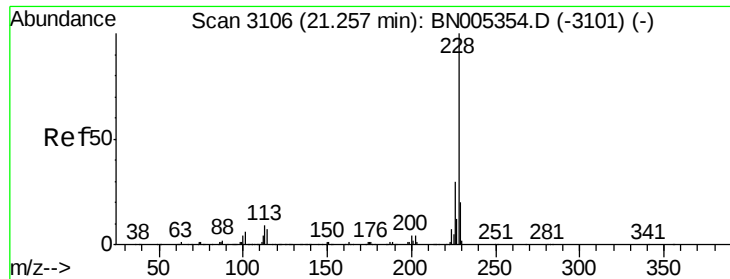
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#82
Benzo(a)anthracene
Concen: 1.915 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BN005359.D
Acq: 29 Apr 2019 19:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.4	15.8	23.6
226	40.1	21.4	32.2#





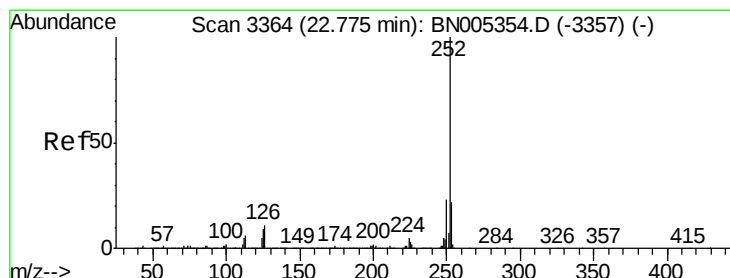
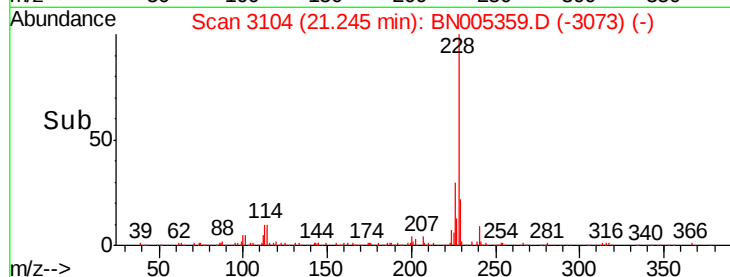
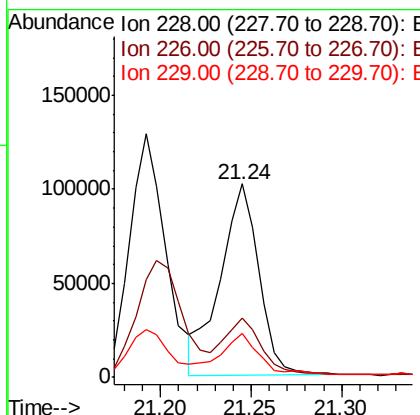
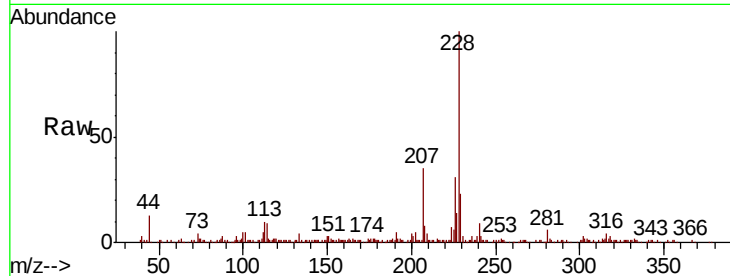
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 Chrysene
 Concen: 1.749 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BN005359.D
 Acq: 29 Apr 2019 19:44

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ0MEDL

Tot Ion:	228	Resp:	150630
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	22.7	15.4	23.0

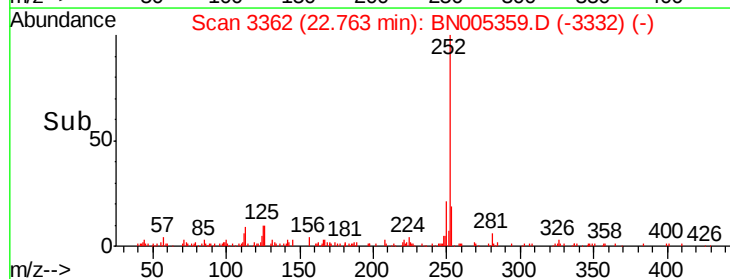
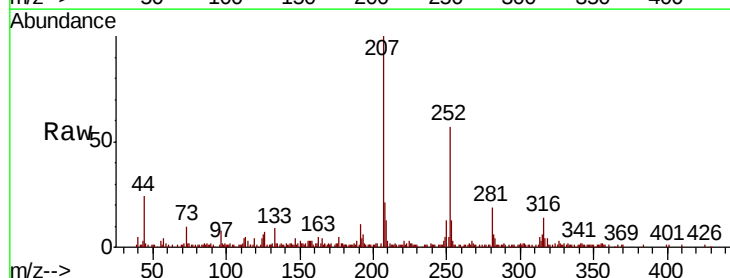
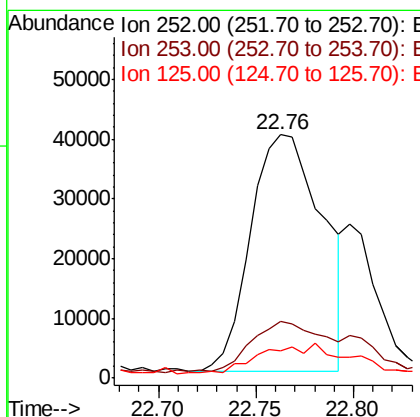
Manual Integrations
 APPROVED

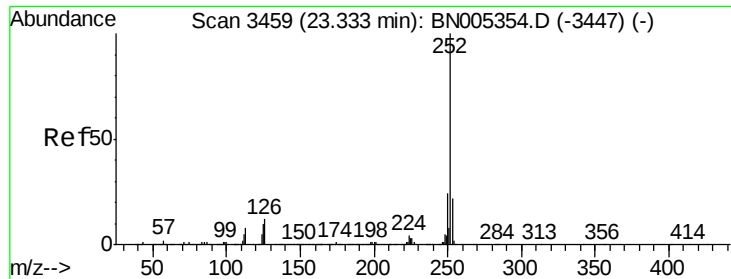
Sohil
 4/30/2019 6:27:13 PM



#87
 Benzo(b)fluoranthene
 Concen: 1.030 ng/ul
 RT: 22.76 min Scan# 3362
 Delta R.T. -0.02 min
 Lab File: BN005359.D
 Acq: 29 Apr 2019 19:44

Tgt Ion:	252	Resp:	101147
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.7	26.5
125	11.0	8.4	12.6





#90

Benzo(a)pyrene

Concen: 1.229 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.04 min

Lab File: BN005359.D

Acq: 29 Apr 2019 19:44

Instrument :

BNA_N

ClientSampleId :

GAHJ0MEDL

Tot Ion:	252	Resp:	113457
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.3	25.9
125	10.9	8.6	13.0

Manual Integrations
APPROVED

Sohil
4/30/2019 6:27:13 PM

