

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005257.D
 Acq On : 24 Apr 2019 19:18
 Operator : JU/SJ
 Sample : K2456-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP5

Manual Integrations
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Sohil
 4/25/2019 5:34:53 PM

Quant Time: Apr 25 04:05:58 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	7.60	152	463482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2022025	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1190008	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2531854	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1745377	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1811629	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	26514	2.76	ng/uL	0.00
5) Phenol-d5	6.78	99	558366	15.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	359088	15.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	449655	16.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	413830	14.54	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	229437	18.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	247657	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	462441	15.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	599419	20.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1511584	17.50	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1772414	16.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	170545	12.50	ng/ul	0.00
57) Fluorene-d10	15.23	176	1241216	17.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	97880	8.60	ng/ul	0.00
70) Anthracene-d10	17.08	188	1742713	16.42	ng/ul	0.00
78) Pyrene-d10	19.40	212	1694251	18.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1296578	16.38	ng/ul	-0.02

Target Compounds

					Ovalue
28) Naphthalene	10.40	128	1233308	13.120	ng/ul 99
34) 2-Methylnaphthalene	12.03	142	1923140	27.941	ng/ul 99
40) 1,1'-Biphenyl	13.06	154	146496	1.652	ng/ul 97
44) Dimethylphthalate	13.69	163	345840	4.018	ng/ul 98
47) Acenaphthylene	13.95	152	751236	7.205	ng/ul 98
58) Fluorene	15.28	166	369344	4.618	ng/ul 99
69) Phenanthrene	17.03	178	1321932	10.721	ng/ul 99
71) Anthracene	17.12	178	320216	2.549	ng/ul 99
76) Fluoranthene	19.06	202	509297	3.724	ng/ul 100
79) Pyrene	19.42	202	903083	8.036	ng/ul 97
82) Benzo(a)anthracene	21.20	228	304436m	2.804	ng/ul
84) Chrysene	21.26	228	272009	2.699	ng/ul 96
87) Benzo(b)fluoranthene	22.77	252	224080	2.200	ng/ul 94
90) Benzo(a)pyrene	23.33	252	274760	2.870	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.60	276	118962	1.124	ng/ul 97
93) Benzo(g,h,i)perylene	26.26	276	93203	1.065	ng/ul 95

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

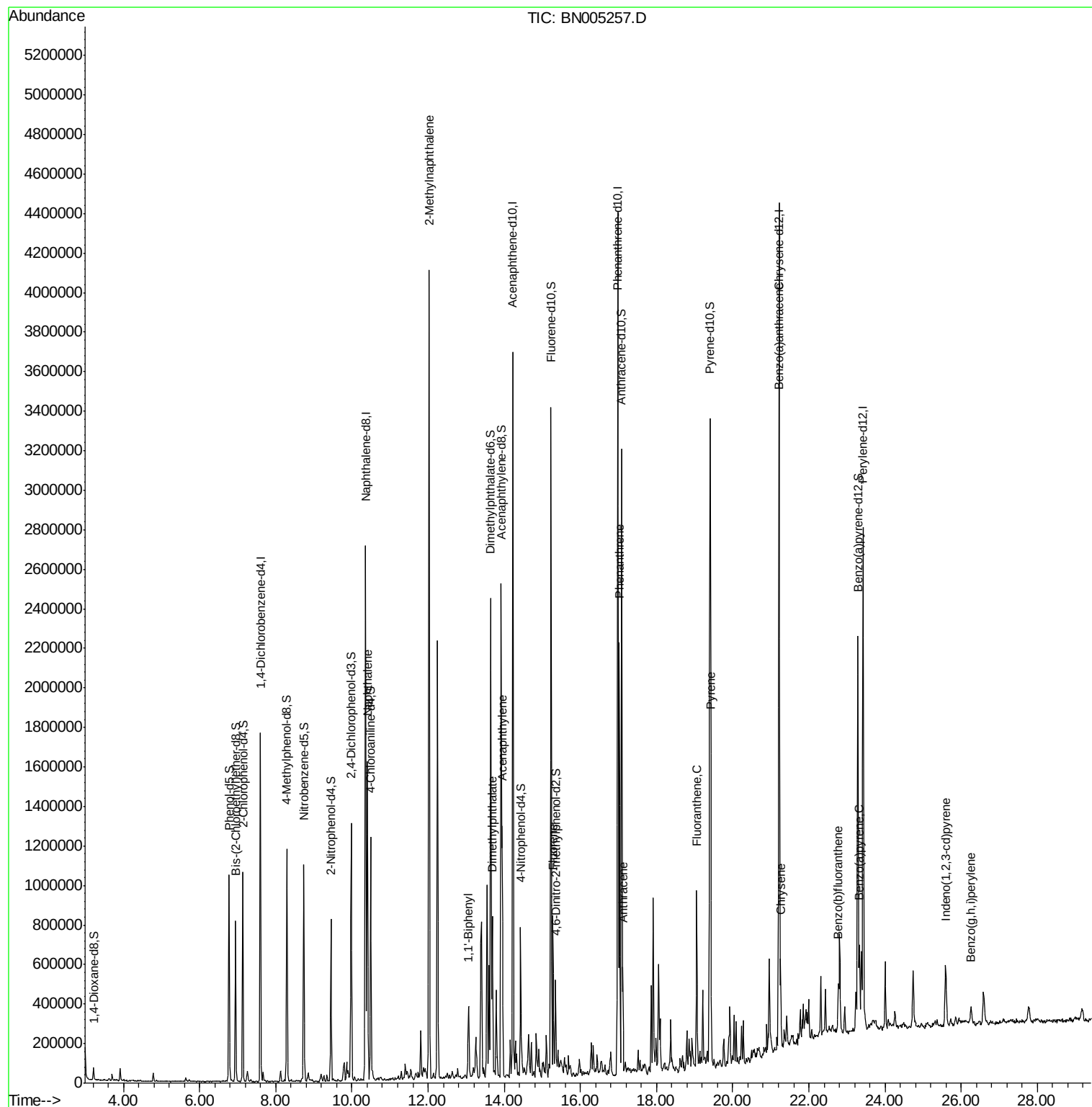
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005257.D
Acq On : 24 Apr 2019 19:18
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Sample : K2456-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

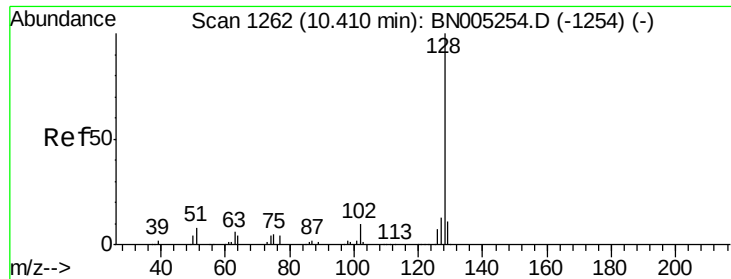
Instrument :
BNA_N
ClientSampleId :
GAHP5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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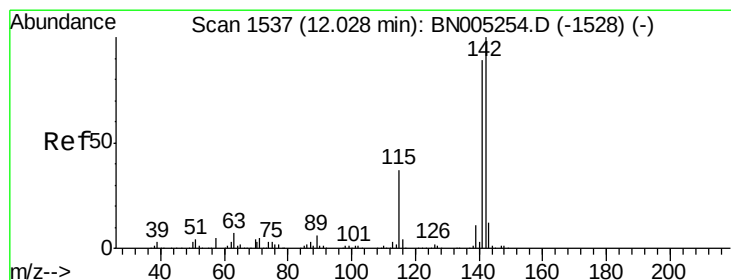
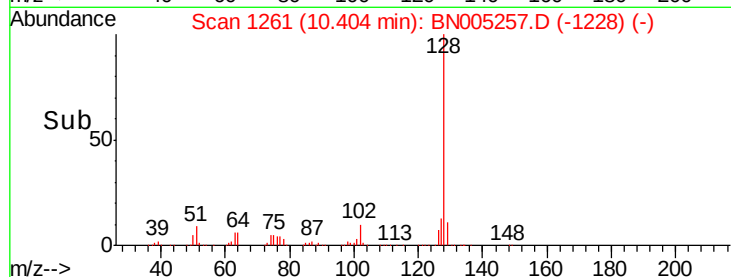
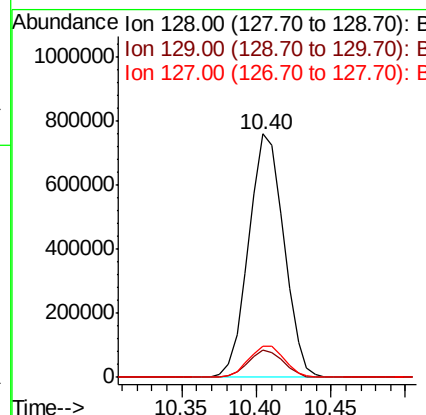
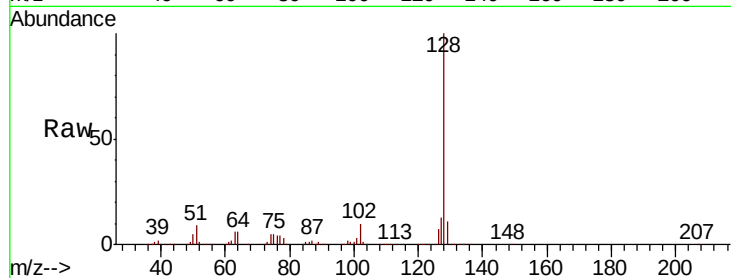
#28
Naphthalene
Concen: 13.120 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005257.D
Acq: 24 Apr 2019 19:18

Instrument :
BNA_N
ClientSampled :
GAHP5

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.0	10.7	16.1

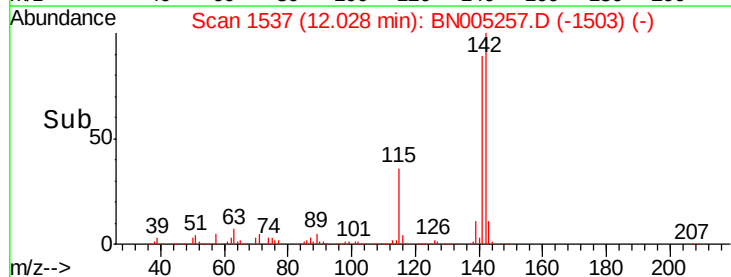
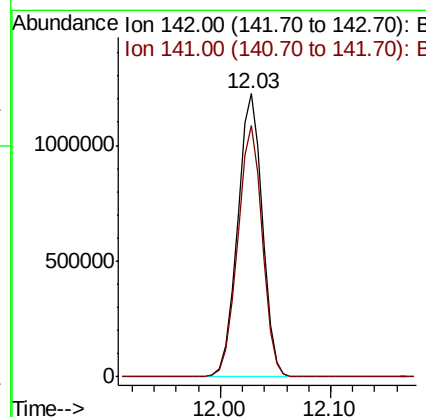
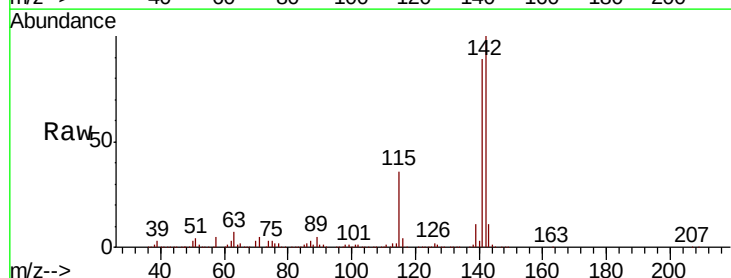
Manual Integrations
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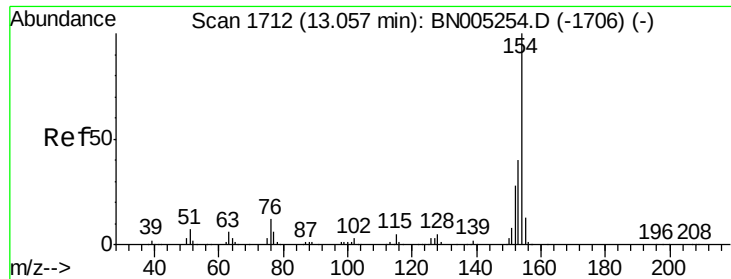
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#34
2-Methylnaphthalene
Concen: 27.941 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BN005257.D
Acq: 24 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.0	108.0





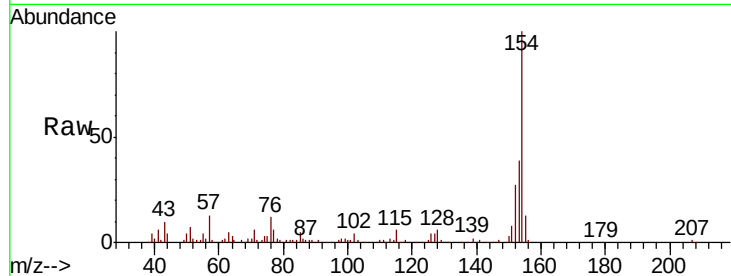
#40
 1,1'-Biphenyl
 Concen: 1.652 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BN005257.D
 Acq: 24 Apr 2019 19:18

Instrument :
 BNA_N
 ClientSampled :
 GAHP5

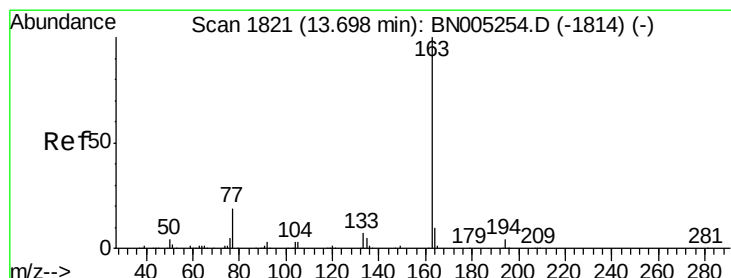
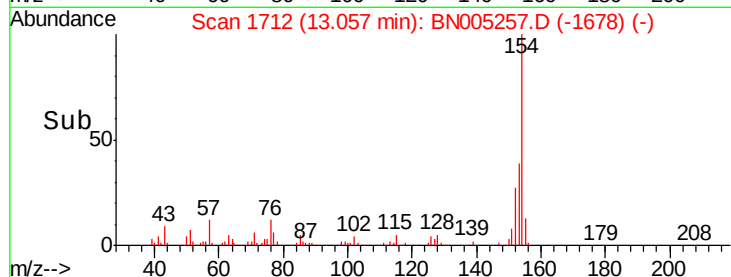
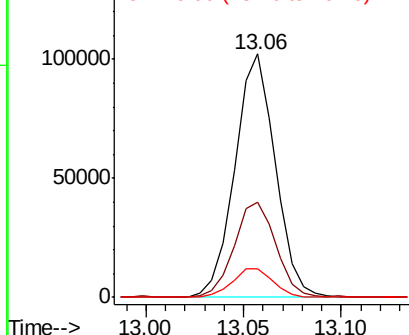
Tot Ion:	154	Resp:	146496
Ion Ratio	Lower	Upper	
154	100		
153	39.3	32.6	49.0
76	11.6	10.4	15.6

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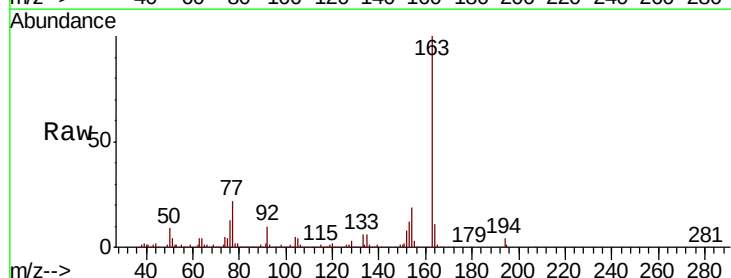


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

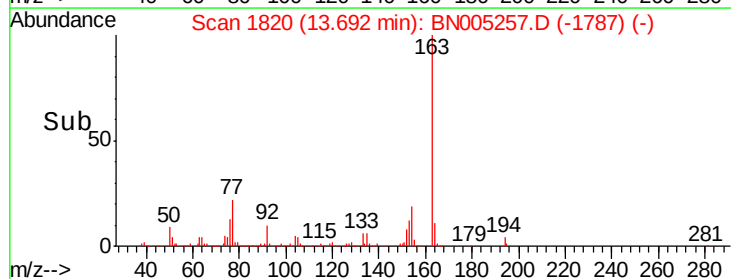
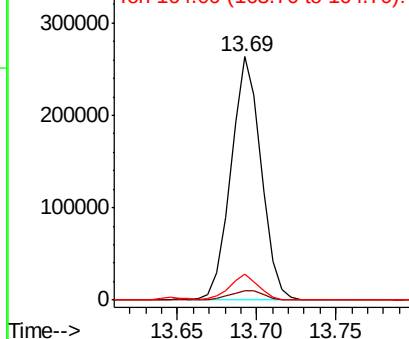


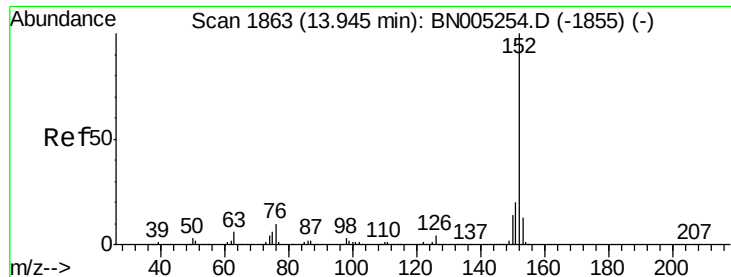
#44
 Dimethylphthalate
 Concen: 4.018 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BN005257.D
 Acq: 24 Apr 2019 19:18

Tgt Ion:	163	Resp:	345840
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	10.9	8.1	12.1



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





#47

Acenaphthylene

Concen: 7.205 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005257.D

Acq: 24 Apr 2019 19:18

Instrument :

BNA_N

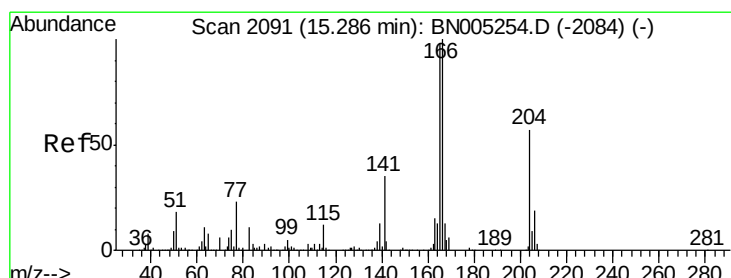
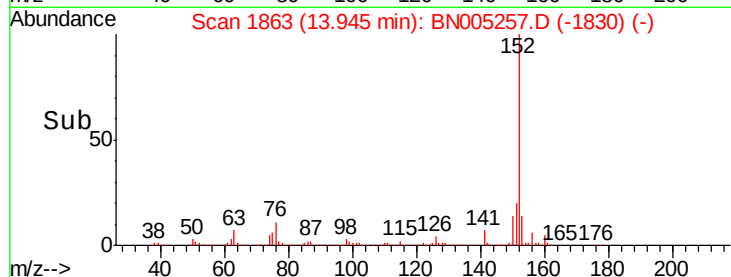
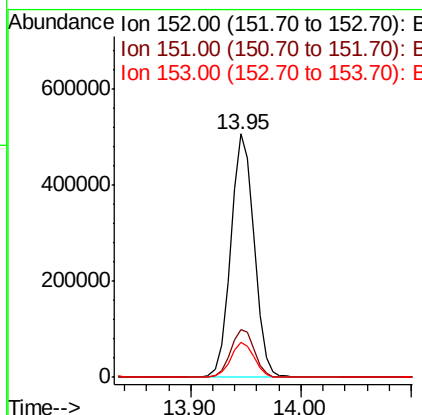
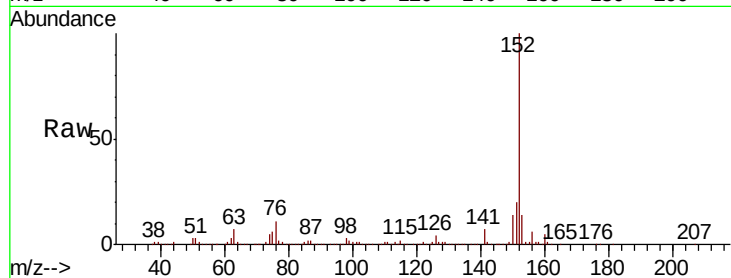
ClientSampled :

GAHP5

Tot Ion:	152	Resp:	751236
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	14.4	9.8	14.8

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#58

Fluorene

Concen: 4.618 ng/ul

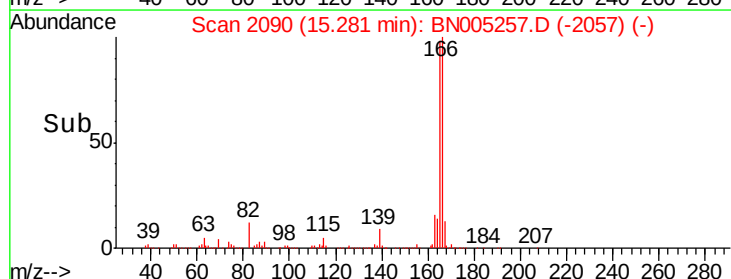
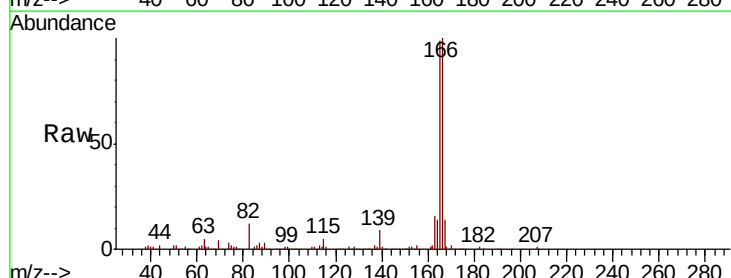
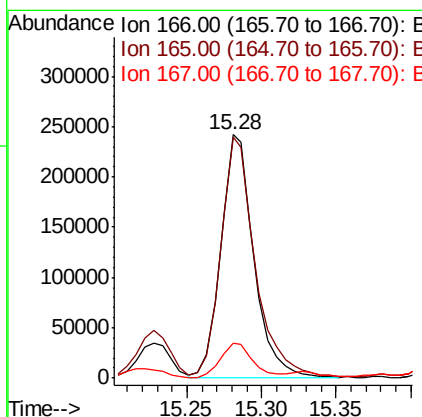
RT: 15.28 min Scan# 2090

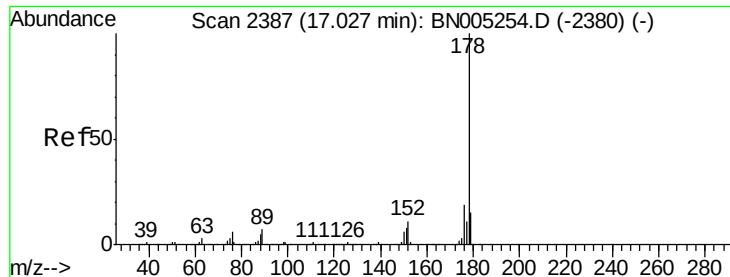
Delta R.T. -0.01 min

Lab File: BN005257.D

Acq: 24 Apr 2019 19:18

Tgt Ion:	166	Resp:	369344
Ion Ratio	Lower	Upper	
166	100		
165	99.1	80.0	120.0
167	14.4	10.7	16.1





#69

Phenanthrene

Concen: 10.721 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005257.D

Acq: 24 Apr 2019 19:18

Instrument :

BNA_N

ClientSampleId :

GAHP5

Tot Ion:178 Resp: 1321932

Ion Ratio Lower Upper

178 100

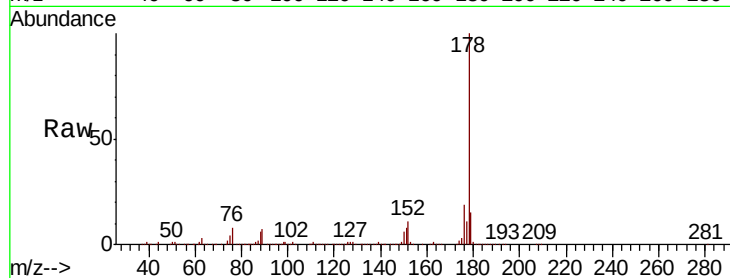
179 15.1 12.2 18.4

176 19.3 15.1 22.7

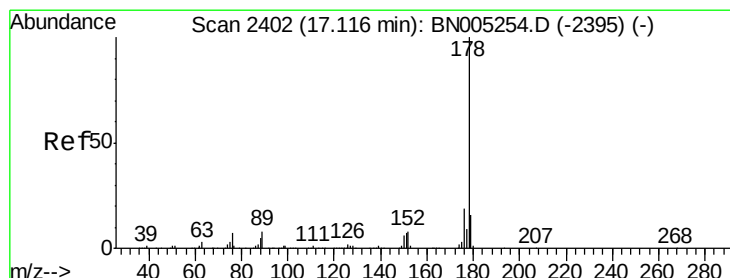
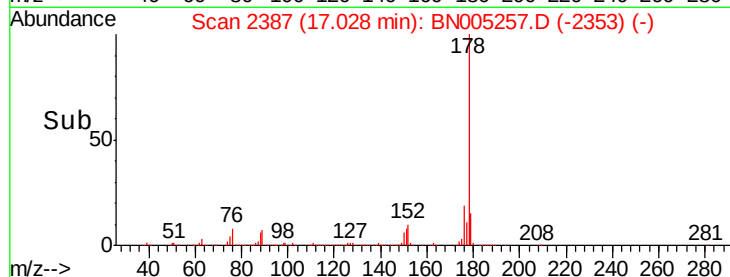
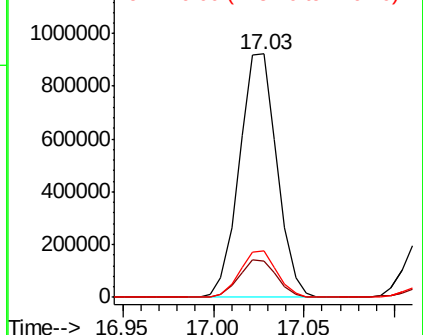
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.549 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005257.D

Acq: 24 Apr 2019 19:18

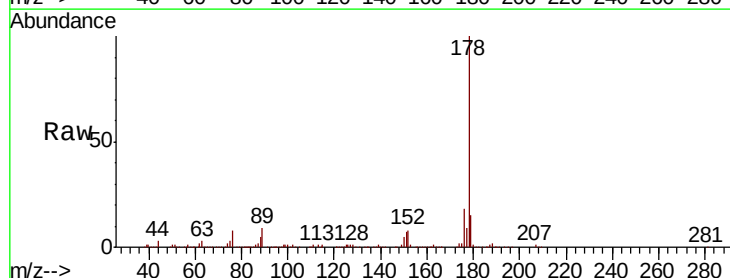
Tgt Ion:178 Resp: 320216

Ion Ratio Lower Upper

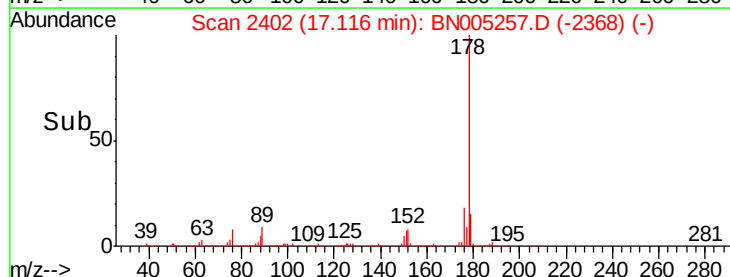
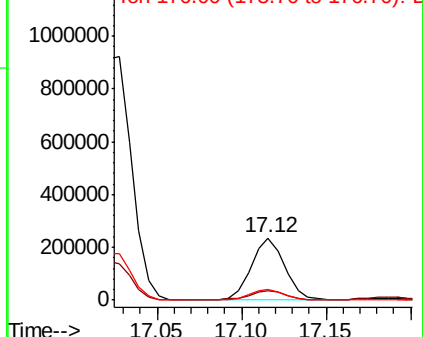
178 100

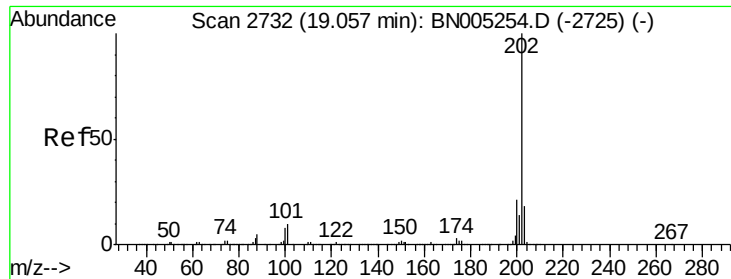
179 15.4 12.3 18.5

176 18.2 15.1 22.7



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





#76

Fluoranthene

Concen: 3.724 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005257.D

Acq: 24 Apr 2019 19:18

Instrument :

BNA_N

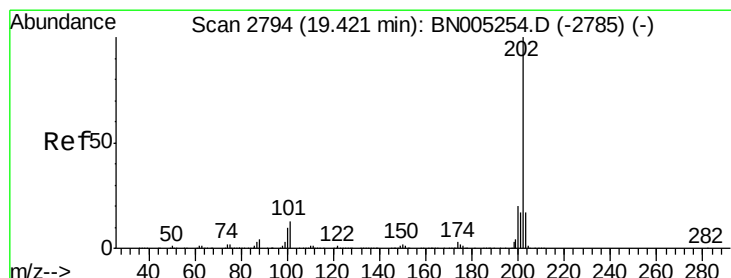
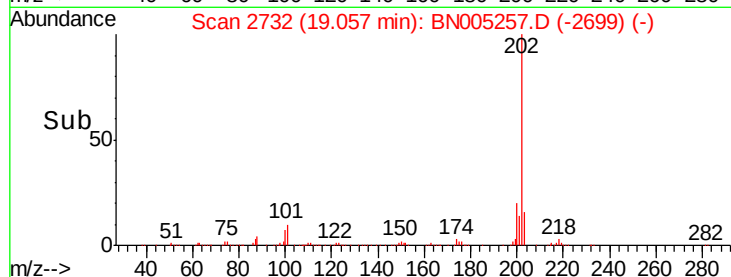
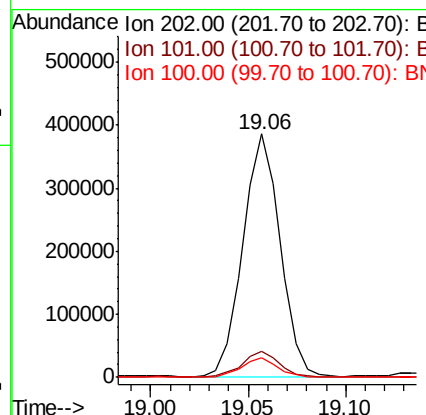
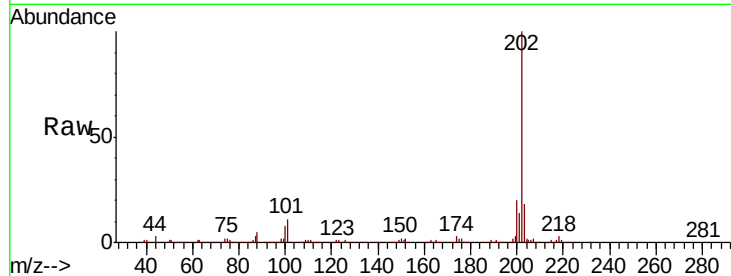
ClientSampled :

GAHP5

Tot Ion:	202	Resp:	509297
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.6	12.8
100	7.8	6.3	9.5

Manual Integrations
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#79

Pyrene

Concen: 8.036 ng/ul

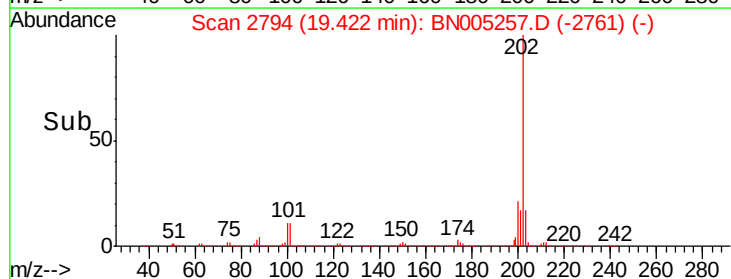
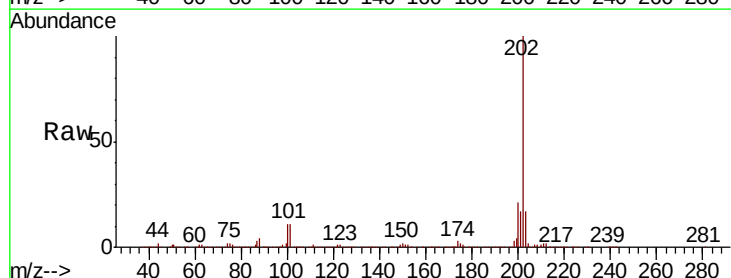
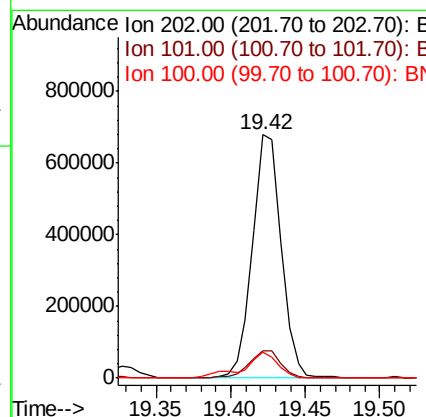
RT: 19.42 min Scan# 2794

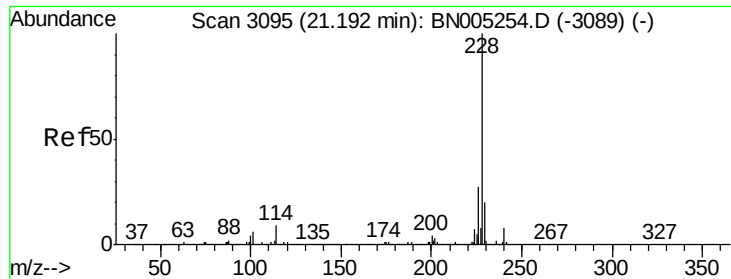
Delta R.T. -0.01 min

Lab File: BN005257.D

Acq: 24 Apr 2019 19:18

Tgt Ion:	202	Resp:	903083
Ion Ratio	Lower	Upper	
202	100		
101	11.4	10.3	15.5
100	10.5	7.9	11.9





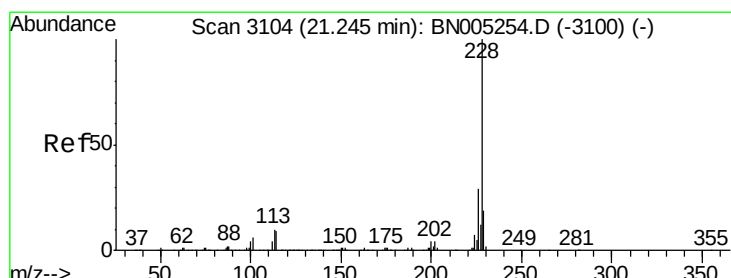
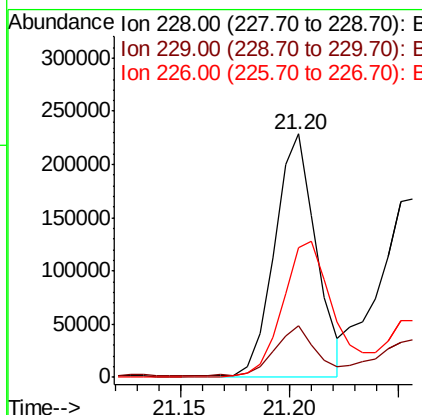
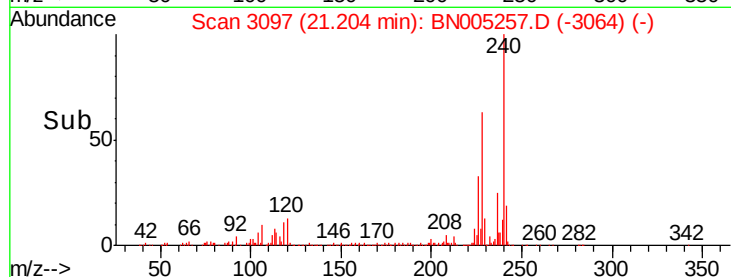
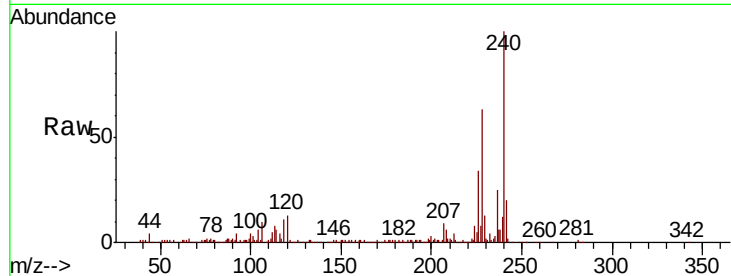
#82
Benzo(a)anthracene
Concen: 2.804 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BN005257.D
Acq: 24 Apr 2019 19:18

Instrument :
BNA_N
ClientSampled :
GAHP5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	53.4	21.4	32.2

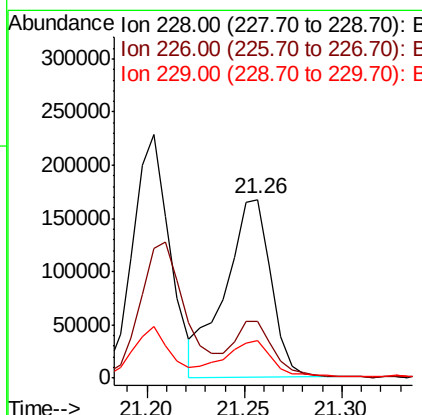
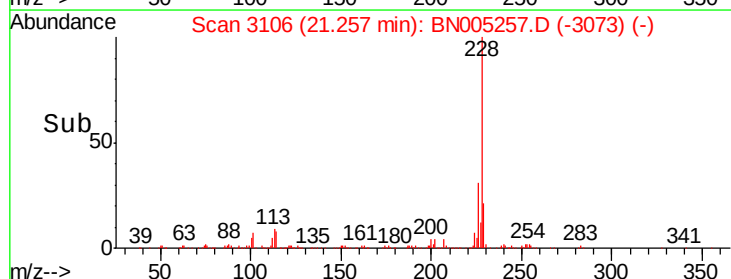
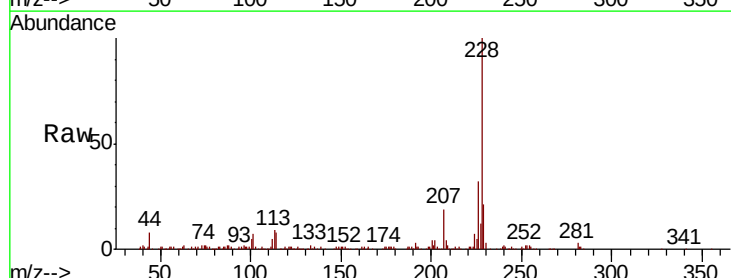
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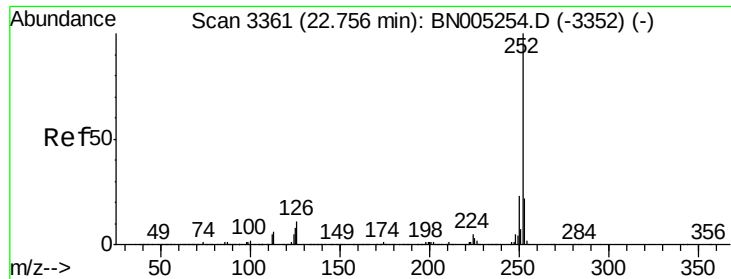
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#84
Chrysene
Concen: 2.699 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN005257.D
Acq: 24 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	21.2	15.4	23.0





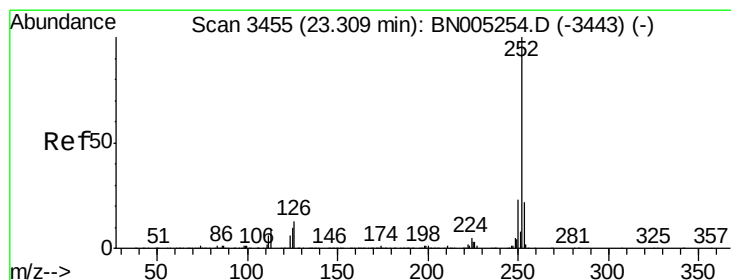
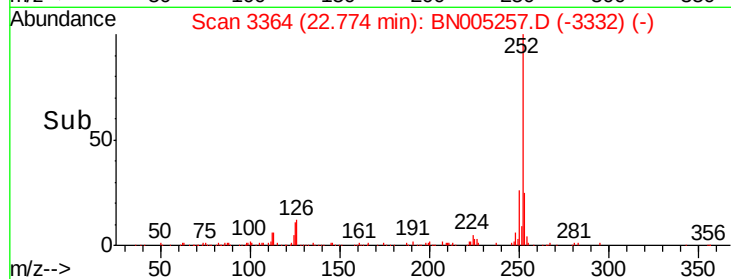
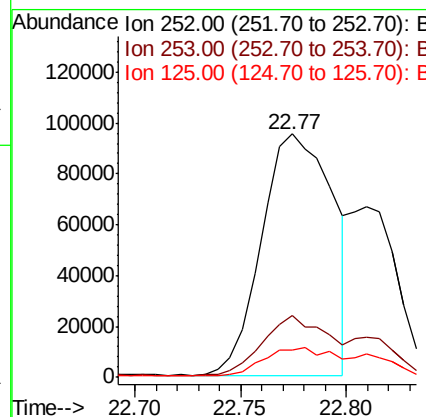
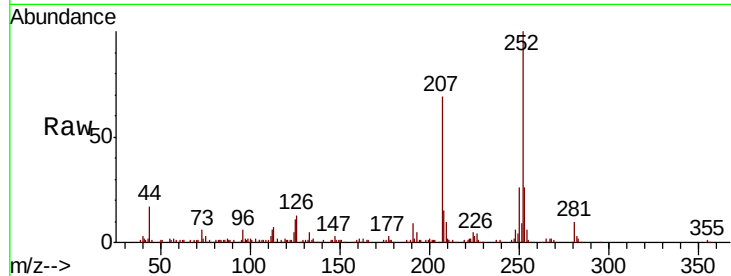
#87
Benzo(b)fluoranthene
Concen: 2.200 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BN005257.D
Acq: 24 Apr 2019 19:18

Instrument :
BNA_N
ClientSampleId :
GAHP5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.7	26.5
125	11.4	8.4	12.6

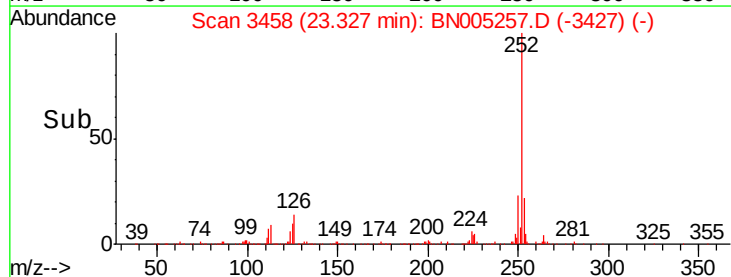
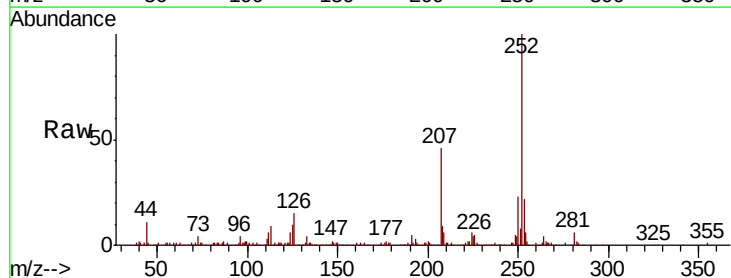
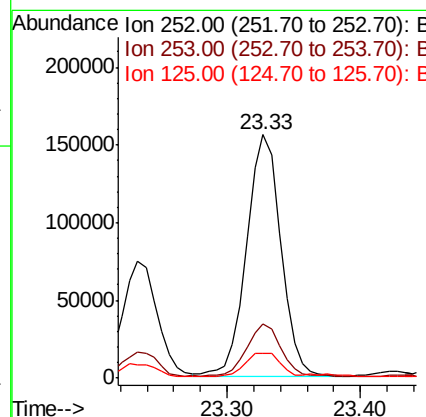
Manual Integrations
APPROVED

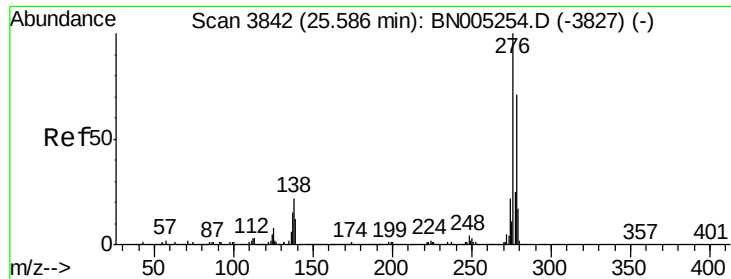
Sohil
4/25/2019 5:34:53 PM



#90
Benzo(a)pyrene
Concen: 2.870 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BN005257.D
Acq: 24 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.2	8.6	13.0





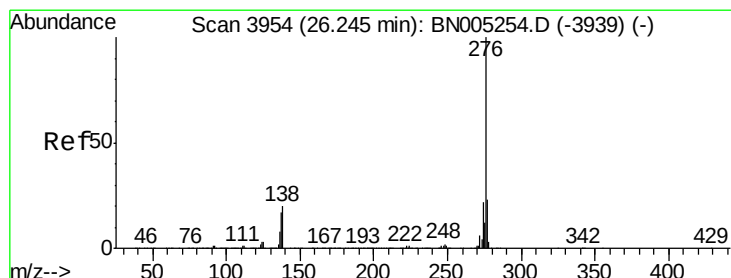
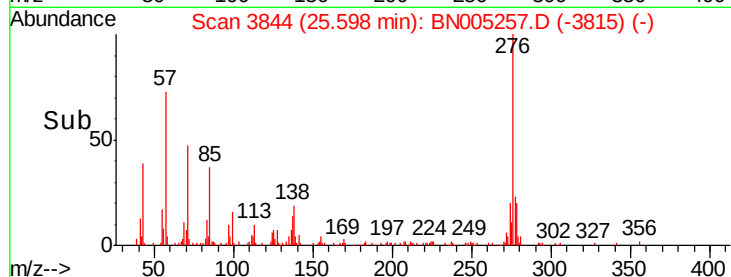
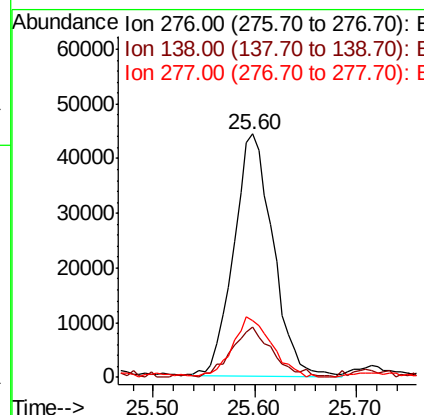
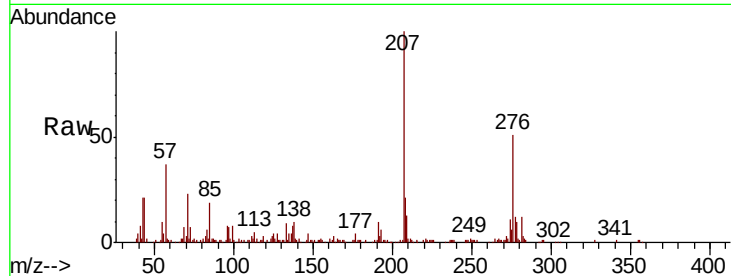
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.124 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.03 min
 Lab File: BN005257.D
 Acq: 24 Apr 2019 19:18

Instrument :
 BNA_N
 ClientSampled :
 GAHP5

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.9	26.9
277	23.4	19.7	29.5

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:34:53 PM



#93
 Benzo(g,h,i)perylene
 Concen: 1.065 ng/ul
 RT: 26.26 min Scan# 3956
 Delta R.T. -0.04 min
 Lab File: BN005257.D
 Acq: 24 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.7	25.1
277	25.5	18.2	27.2

