

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005474.D
 Acq On : 04 May 2019 04:43
 Operator : JU/SJ
 Sample : K2634-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJB2

Manual Integrations
 APPROVED

mohammad
 5/7/2019 8:21:48 AM

Quant Time: May 06 02:34:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	281175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1143101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	644425	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1408643	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1307567	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1536835	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	22073	3.79	ng/uL	0.00
5) Phenol-d5	6.78	99	445304	20.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	267989	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	381527	22.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	365340	21.16	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	197014	28.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	218690	30.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	367732	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	433829	25.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1177295	25.17	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1400563	24.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	140035	18.96	ng/ul	0.00
57) Fluorene-d10	15.22	176	985394	25.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	127589	20.14	ng/ul	0.00
70) Anthracene-d10	17.07	188	1454320	24.63	ng/ul	0.00
78) Pyrene-d10	19.39	212	1574823	23.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1577067	23.48	ng/ul	0.00
Target Compounds						
6) Phenol	6.80	94	27809	1.224	ng/ul#	88
44) Dimethylphthalate	13.69	163	262801	5.638	ng/ul	99
47) Acenaphthylene	13.94	152	567758	10.055	ng/ul	98
69) Phenanthrene	17.02	178	112822	1.645	ng/ul	99
71) Anthracene	17.11	178	193855	2.774	ng/ul	99
76) Fluoranthene	19.05	202	1532050	20.134	ng/ul	97
79) Pyrene	19.42	202	3317385	39.403	ng/ul	95
82) Benzo(a)anthracene	21.20	228	1515248m	18.628	ng/ul	
84) Chrysene	21.25	228	1334246	17.673	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	1102276	12.759	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	333741m	4.045	ng/ul	
90) Benzo(a)pyrene	23.32	252	1160606m	14.293	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	480398	5.351	ng/ul	98
92) Dibenzo(a,h)anthracene	25.60	278	165566	2.173	ng/ul#	95
93) Benzo(g,h,i)perylene	26.26	276	380935	5.132	ng/ul#	93

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

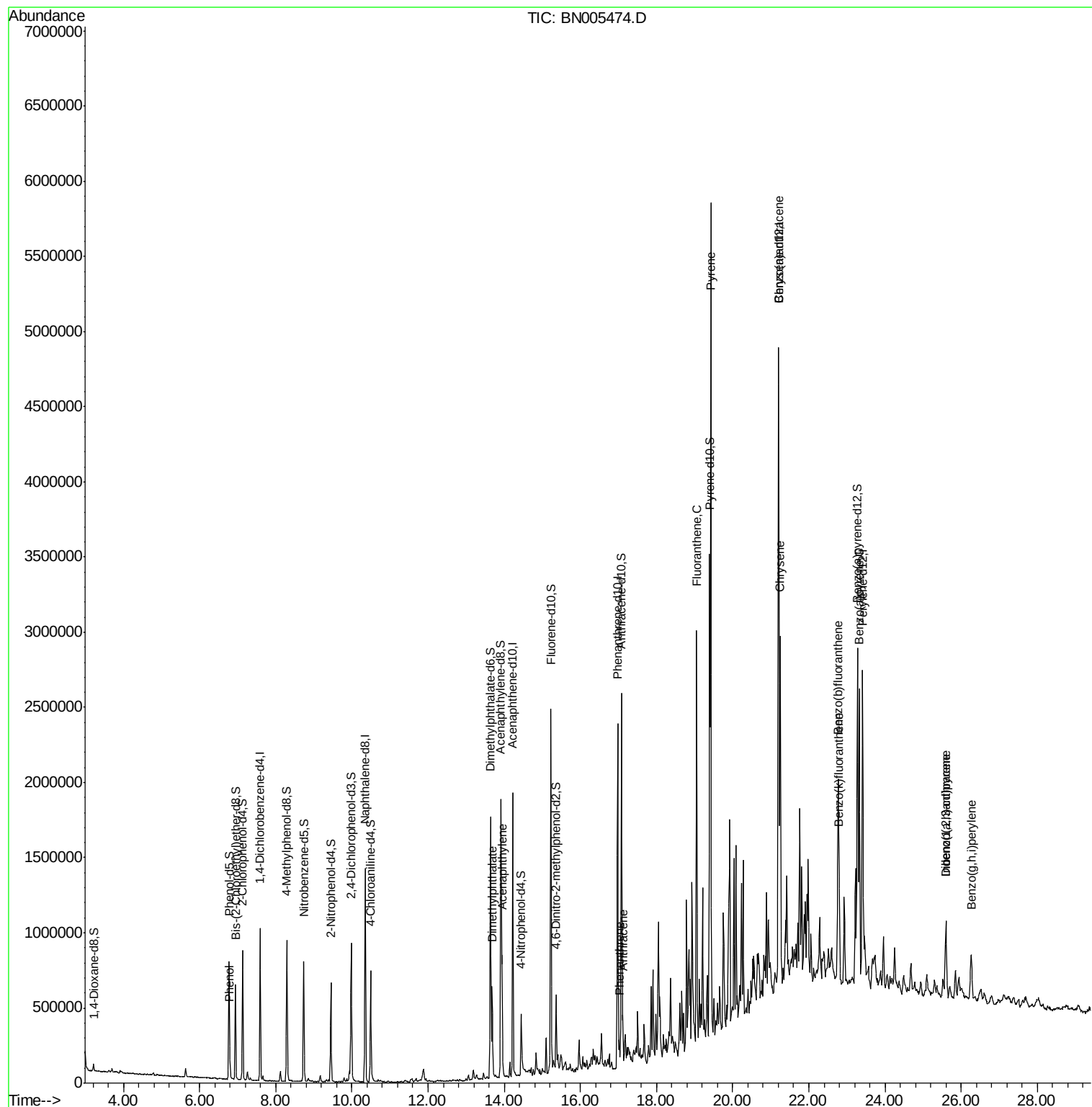
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005474.D
Acq On : 04 May 2019 04:43
Operator : JU/SJ
Sample : K2634-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

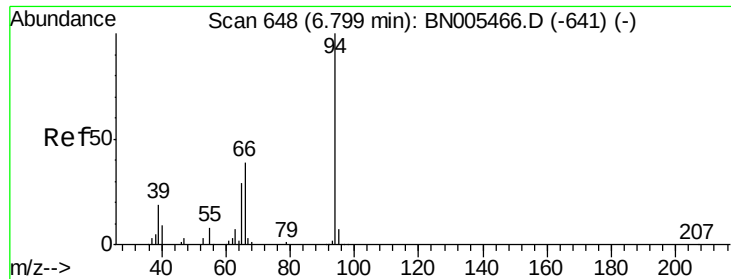
Instrument :
BNA_N
ClientSampleId :
GAJB2

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Quant Time: May 06 02:34:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.224 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

Instrument :

BNA_N

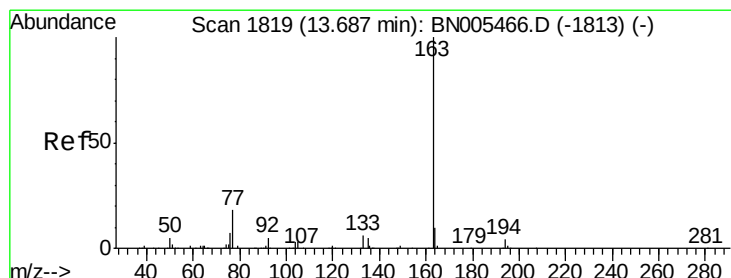
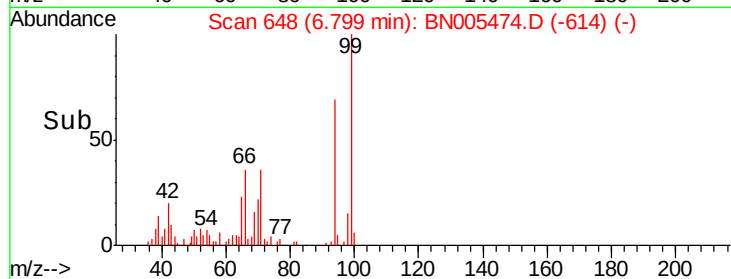
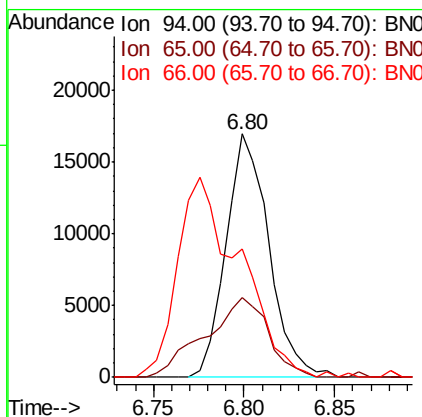
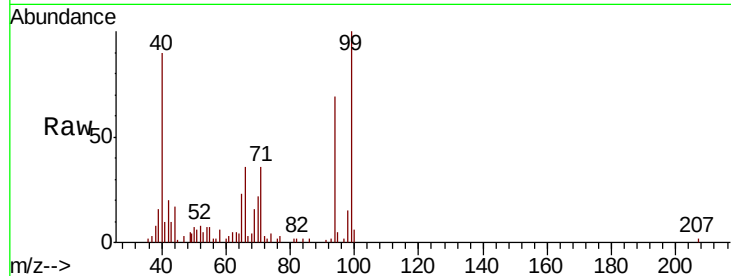
ClientSampleId :

GAJB2

Tot Ion:	94	Resp:	27809
Ion	Ratio	Lower	Upper
94	100		
65	32.8	24.2	36.4
66	52.6	33.8	50.6#

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#44

Dimethylphthalate

Concen: 5.638 ng/ul

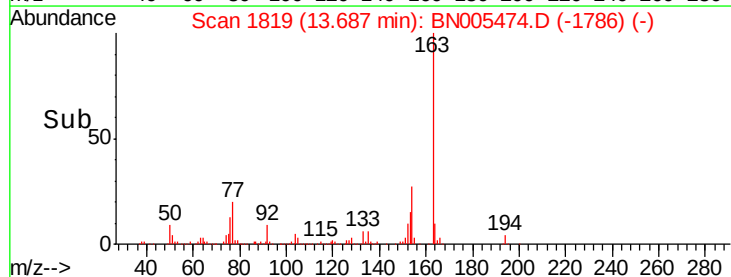
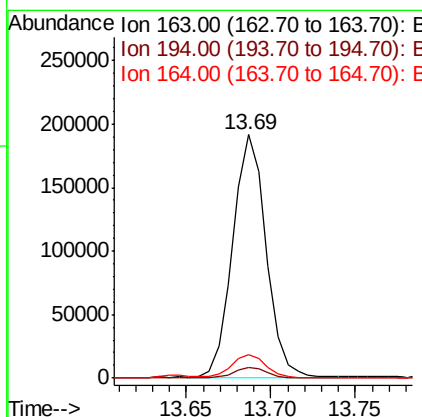
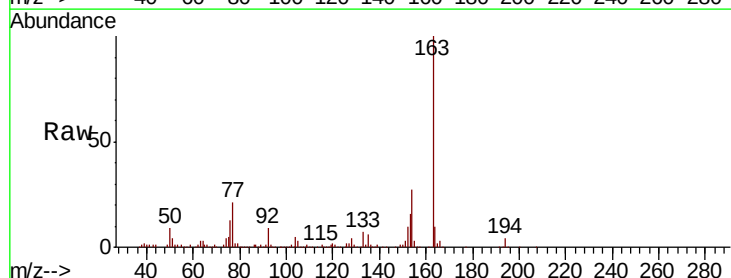
RT: 13.69 min Scan# 1819

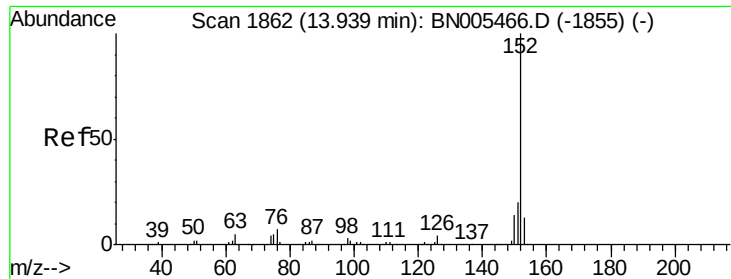
Delta R.T. -0.01 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

Tgt Ion:	163	Resp:	262801
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.7	8.1	12.1





#47

Acenaphthylene

Concen: 10.055 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

Instrument :

BNA_N

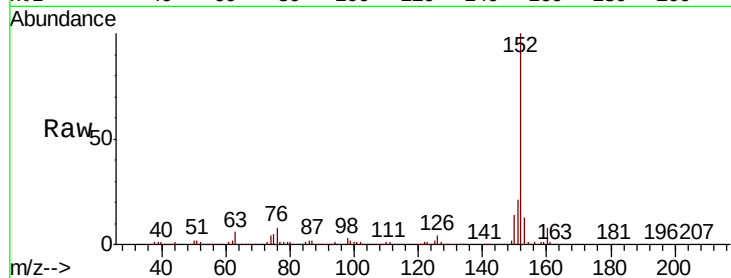
ClientSampled :

GAJB2

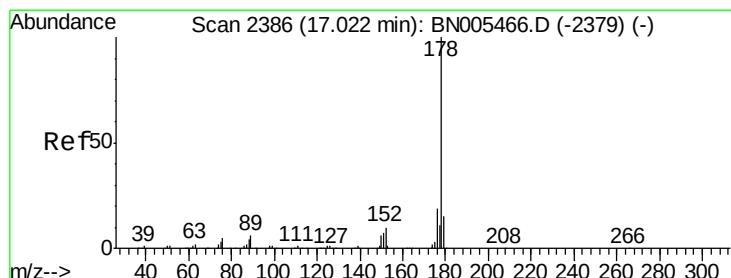
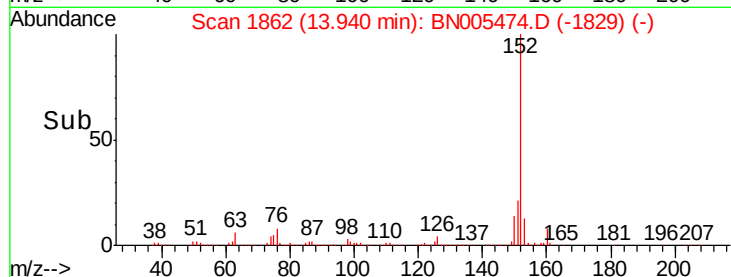
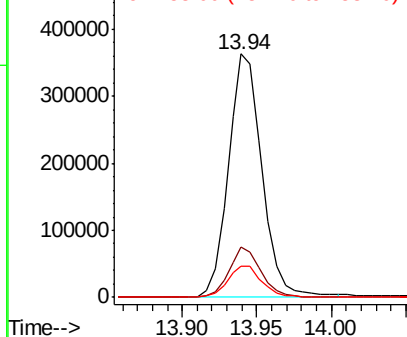
Tot Ion:	152	Resp:	567758
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.8	23.8
153	13.0	9.8	14.8

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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



#69

Phenanthrene

Concen: 1.645 ng/ul

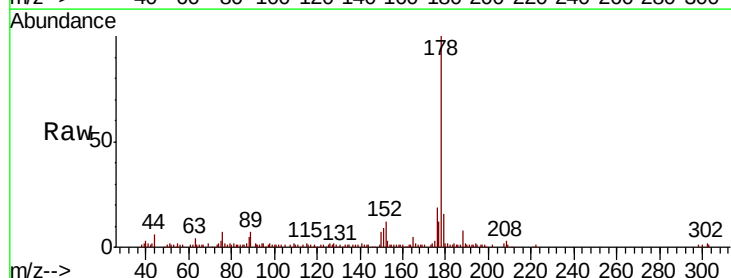
RT: 17.02 min Scan# 2386

Delta R.T. 0.00 min

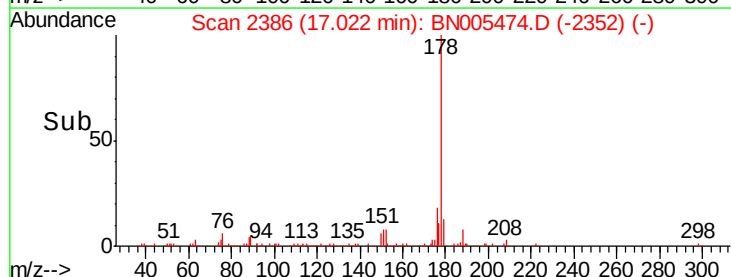
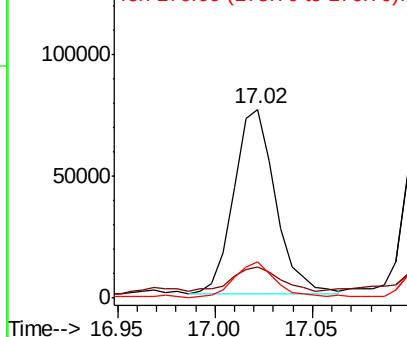
Lab File: BN005474.D

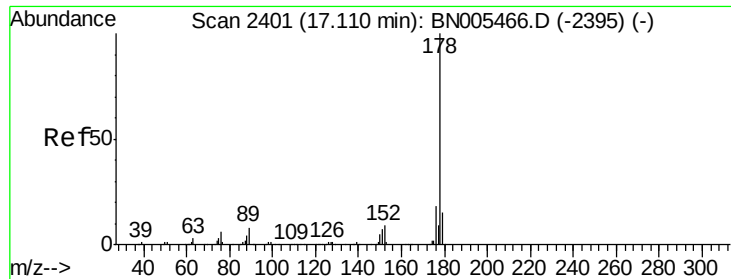
Acq: 04 May 2019 04:43

Tgt Ion:	178	Resp:	112822
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.2	18.4
176	18.8	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





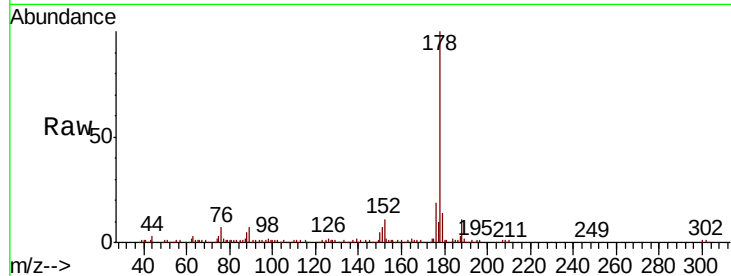
#71
 Anthracene
 Concen: 2.774 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005474.D
 Acq: 04 May 2019 04:43

Instrument :
 BNA_N
 ClientSampleId :
 GAJB2

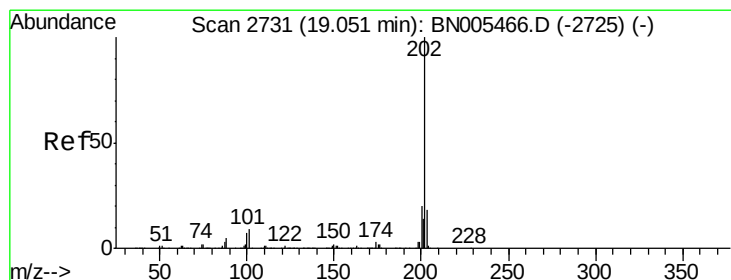
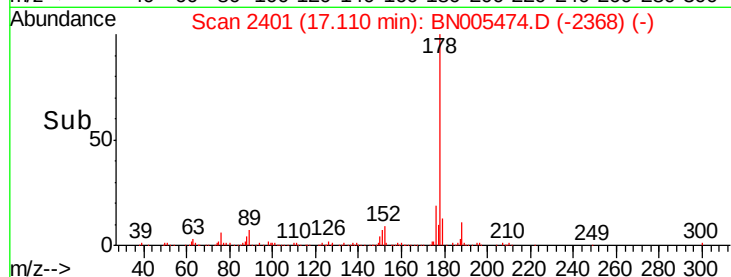
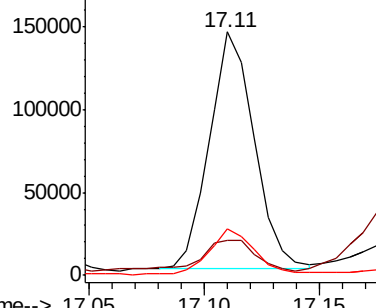
Tot Ion:	178	Resp:	193855
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.3	18.5
176	19.3	15.1	22.7

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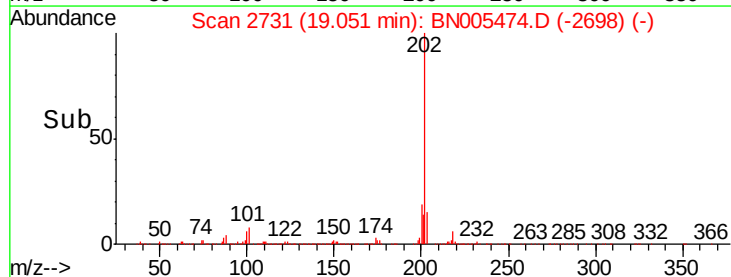
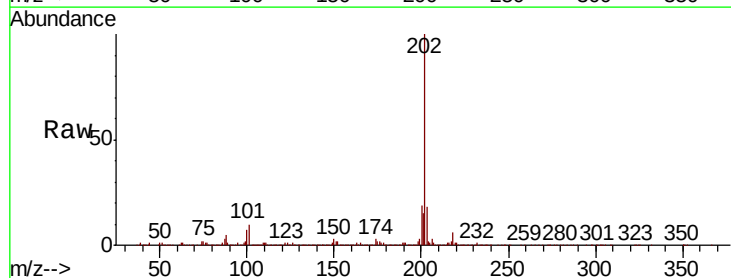
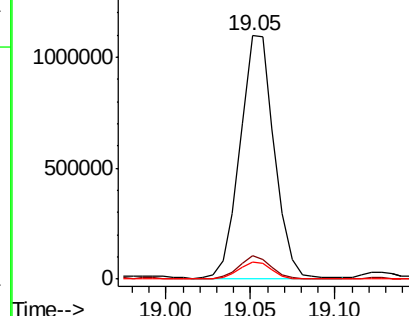
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

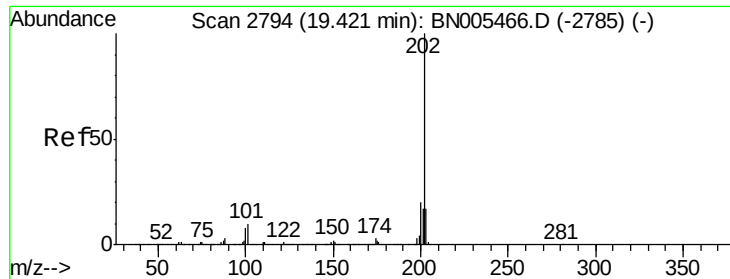


#76
 Fluoranthene
 Concen: 20.134 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN005474.D
 Acq: 04 May 2019 04:43

Tgt Ion:	202	Resp:	1532050
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.6	12.8
100	6.8	6.3	9.5

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

Pvrene

Concen: 39.403 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

Instrument :

BNA_N

ClientSampleId :

GAJB2

Tot Ion:202 Resp: 3317385

Ion Ratio Lower Upper

202 100

101 10.6 10.3 15.5

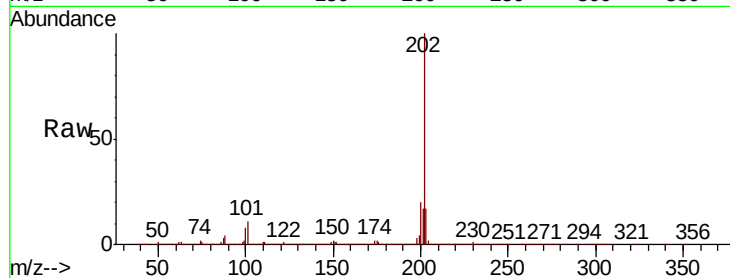
100 8.4 7.9 11.9

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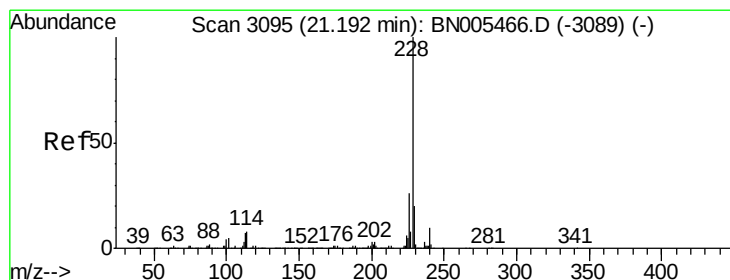
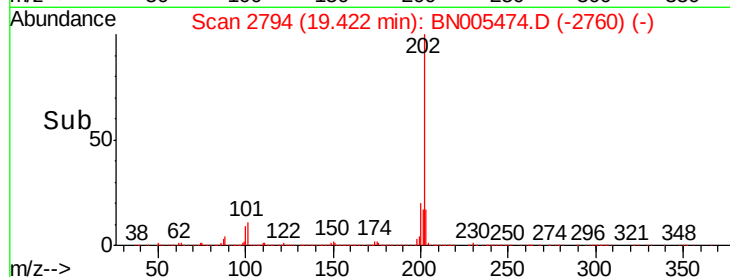
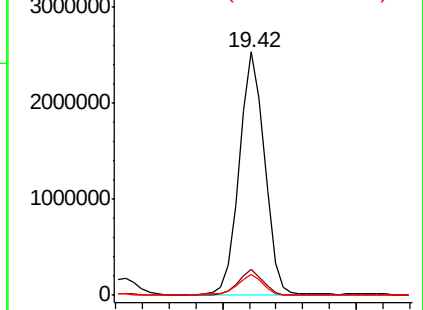
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 18.628 ng/ul m

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

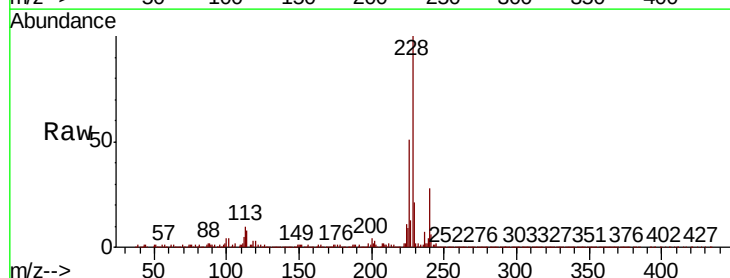
Tgt Ion:228 Resp: 1515248

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

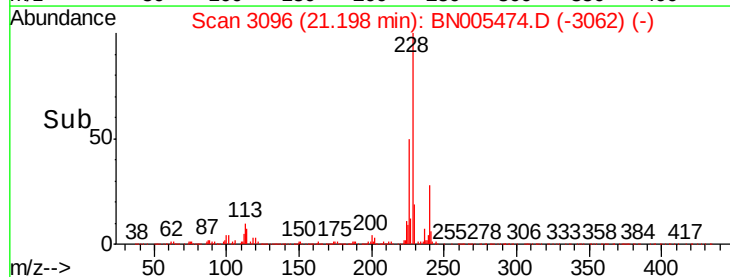
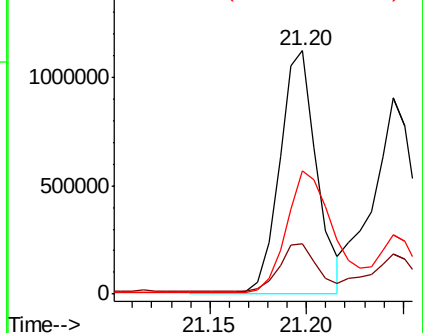
226 50.6 21.4 32.2#

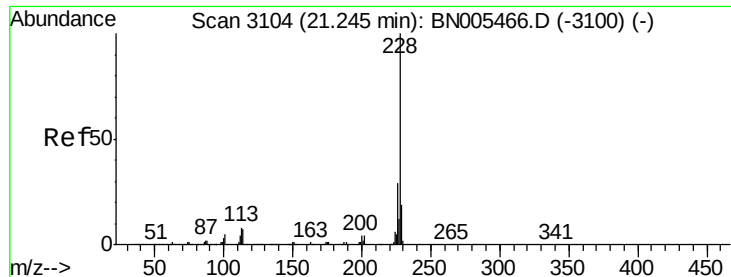


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 17.673 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

Instrument :

BNA_N

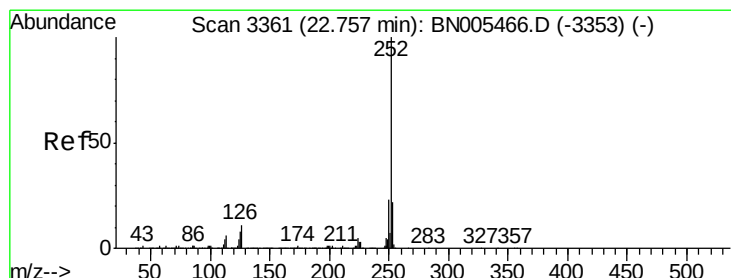
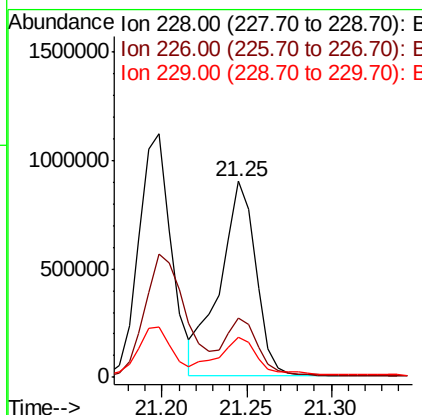
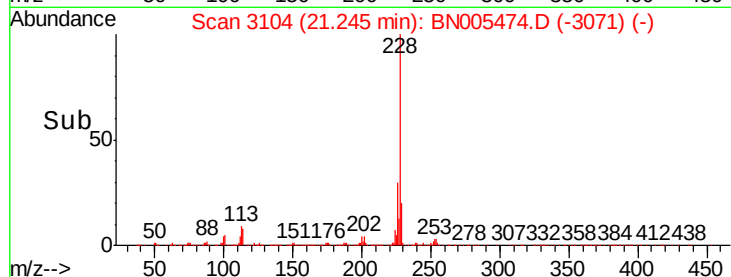
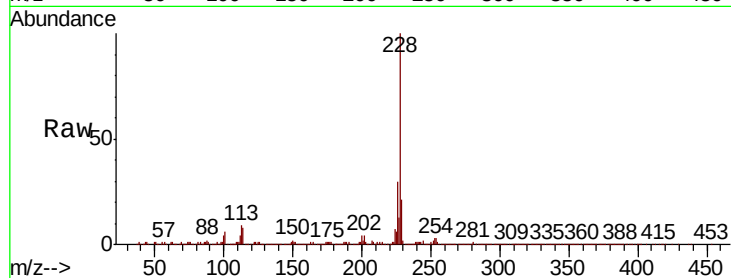
ClientSampled :

GAJB2

Tot Ion:	228	Resp:	1334246
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.7	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 12.759 ng/ul

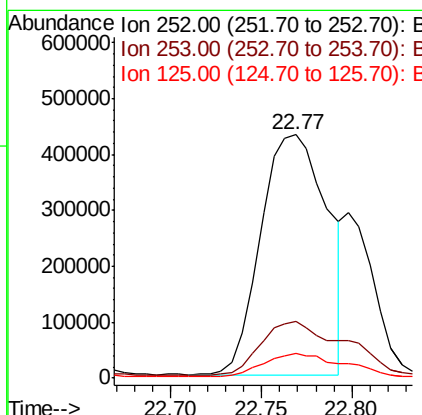
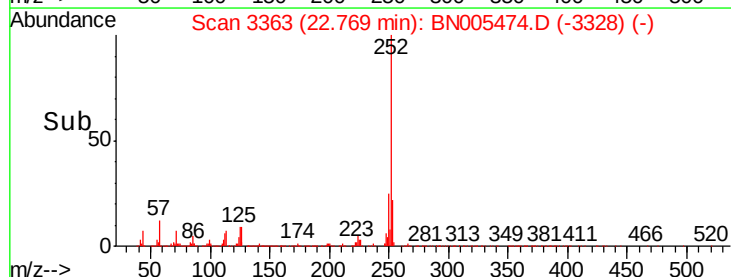
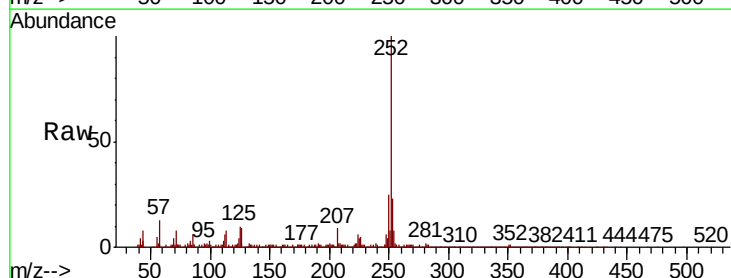
RT: 22.77 min Scan# 3363

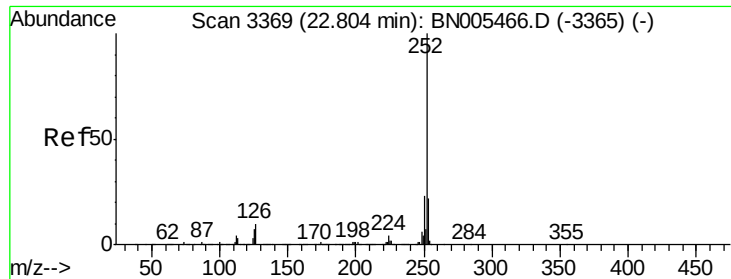
Delta R.T. 0.01 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

Tgt Ion:	252	Resp:	1102276
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	10.0	8.4	12.6





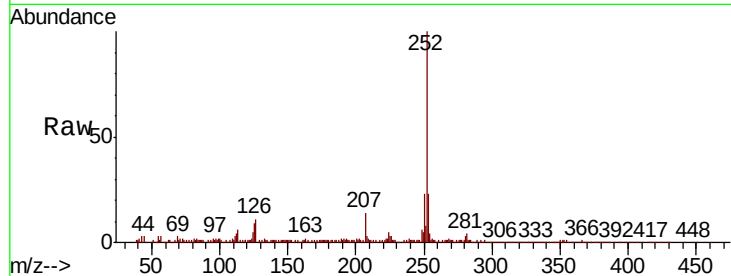
#88
Benzo(k)fluoranthene
Concen: 4.045 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN005474.D
Acq: 04 May 2019 04:43

Instrument :
BNA_N
ClientSampled :
GAJB2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	8.7	7.5	11.3

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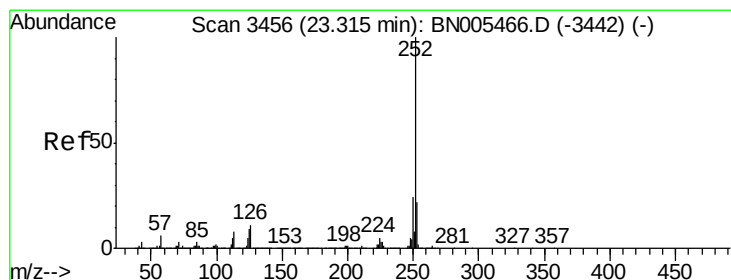
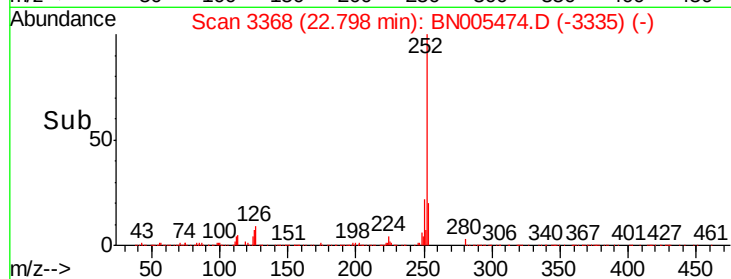
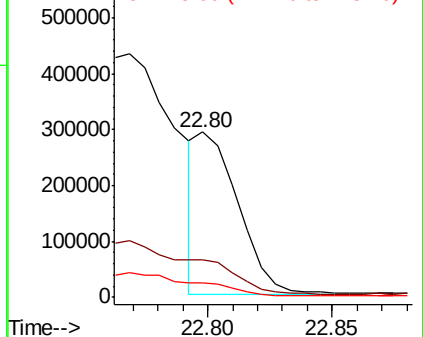


Abundance

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



#90
Benzo(a)pyrene
Concen: 14.293 ng/ul m
RT: 23.32 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BN005474.D
Acq: 04 May 2019 04:43

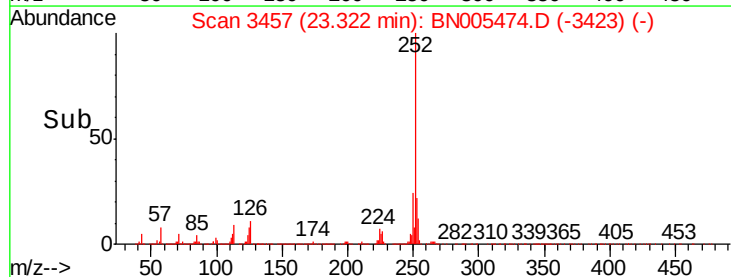
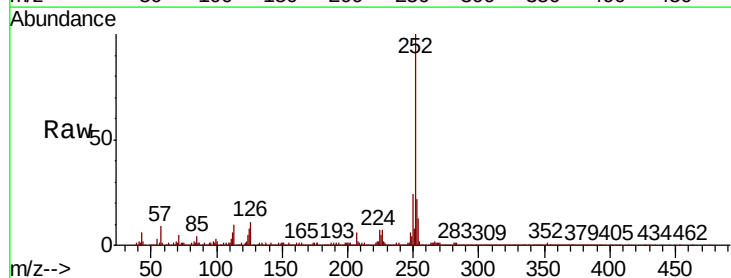
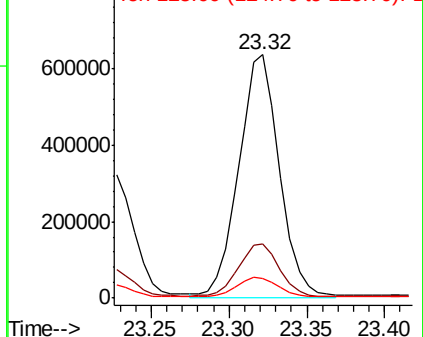
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	8.2	8.6	13.0

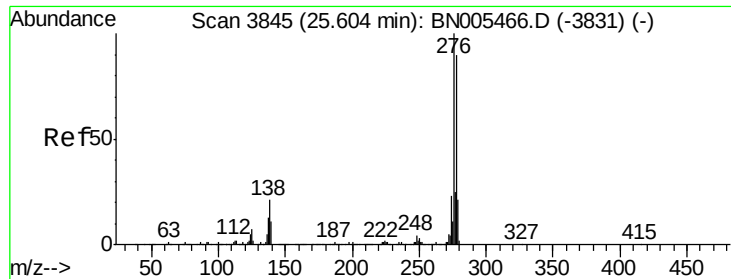
Abundance

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





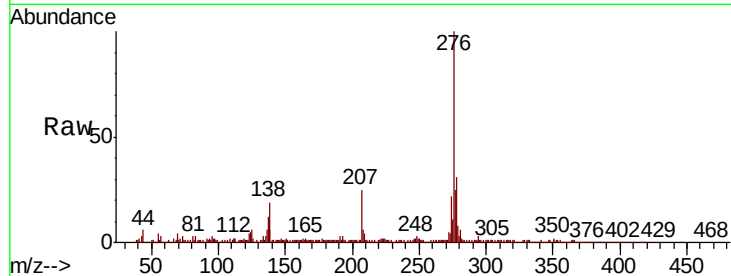
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.351 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005474.D
Acq: 04 May 2019 04:43

Instrument :
BNA_N
ClientSampleId :
GAJB2

Tot Ion	Ratio	Resp	Lower	Upper
276	100	480398		
138	24.2		17.9	26.9
277	25.2		19.7	29.5

Manual Integrations
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mohammad
5/7/2019 8:21:48 AM

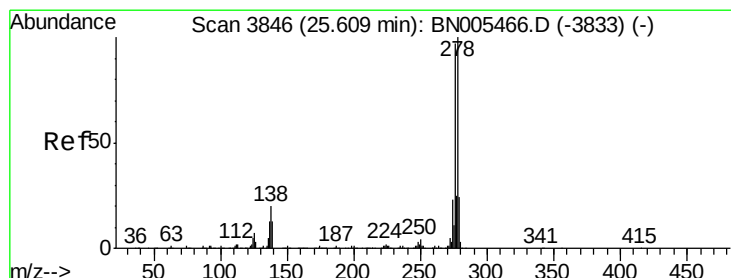
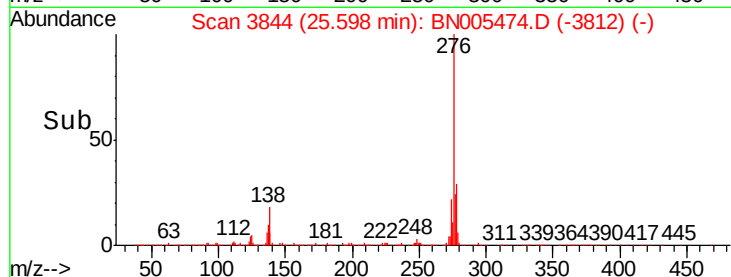
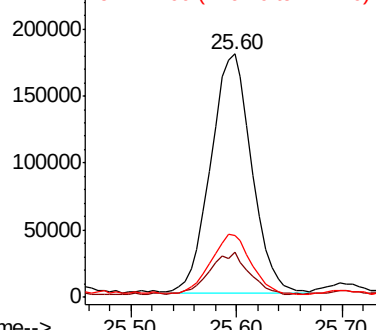


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92
Dibenzo(a,h)anthracene
Concen: 2.173 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BN005474.D
Acq: 04 May 2019 04:43

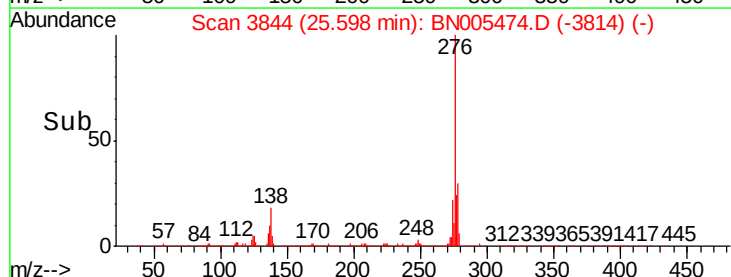
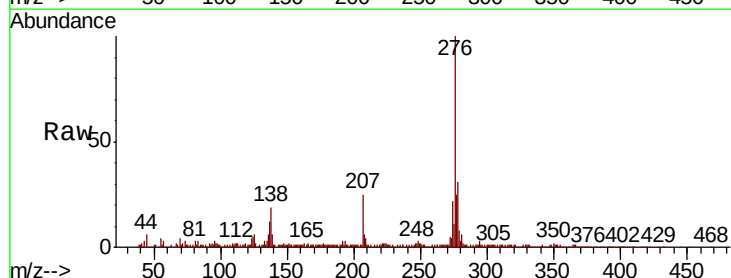
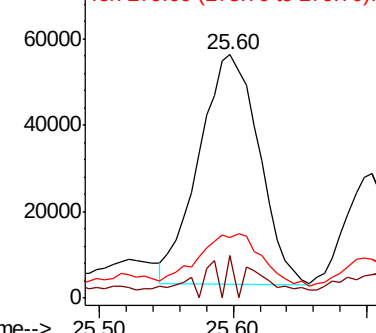
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	165566		
139	20.6		13.1	19.7#
279	24.9		19.4	29.0

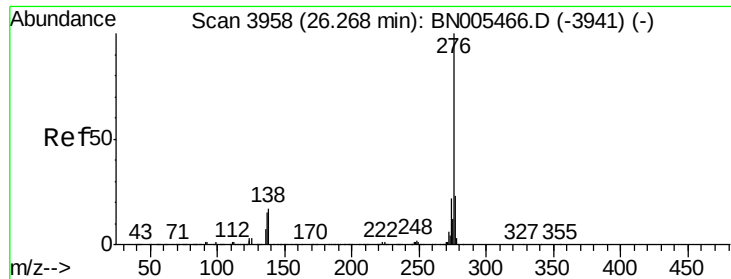
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 5.132 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BN005474.D

Acq: 04 May 2019 04:43

Instrument :

BNA_N

ClientSampleId :

GAJB2

Tot Ion: 276 Resp: 380935

Ion Ratio Lower Upper

276 100

138 15.4 16.7 25.1#

277 24.0 18.2 27.2

Manual Integrations
APPROVED

mohammad

5/7/2019 8:21:48 AM

