

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005473.D
 Acq On : 04 May 2019 04:09
 Operator : JU/SJ
 Sample : K2602-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHK9

Manual Integrations
 APPROVED

mohammad
 5/7/2019 8:21:44 AM

Quant Time: May 06 02:30:34 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	313712	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1242743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	687170	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1461482m	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1258719m	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1467792m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18433	2.84	ng/uL	0.00
5) Phenol-d5	6.78	99	374149	15.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	238939	15.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	330716	17.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	158026	8.20	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	176802	23.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	194093	25.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	305570	17.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	247978	13.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1032571	20.70	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1292687	21.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	74302	9.43	ng/ul	0.00
57) Fluorene-d10	15.22	176	889872	21.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	59496m	9.05	ng/ul	0.00
70) Anthracene-d10	17.07	188	1261218	20.59	ng/ul	0.00
78) Pyrene-d10	19.39	212	1352500	21.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1269614m	19.79	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.80	94	25720	1.015	ng/ul	95
44) Dimethylphthalate	13.69	163	380238	7.650	ng/ul	99
69) Phenanthrene	17.02	178	789132m	11.087	ng/ul	
71) Anthracene	17.11	178	153352	2.115	ng/ul	99
74) Carbazole	17.39	167	93369	1.499	ng/ul	97
76) Fluoranthene	19.06	202	4141312	52.456	ng/ul	95
79) Pyrene	19.42	202	3340421	41.217	ng/ul	95
82) Benzo(a)anthracene	21.20	228	2158290m	27.563	ng/ul	
84) Chrysene	21.25	228	1855169m	25.527	ng/ul	
87) Benzo(b)fluoranthene	22.76	252	2525483m	30.609	ng/ul	
88) Benzo(k)fluoranthene	22.80	252	837532m	10.629	ng/ul	
90) Benzo(a)pyrene	23.32	252	1415392m	18.250	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	762679m	8.895	ng/ul	
92) Dibenzo(a,h)anthracene	25.60	278	229331m	3.152	ng/ul	
93) Benzo(g,h,i)perylene	26.27	276	666428m	9.400	ng/ul	

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

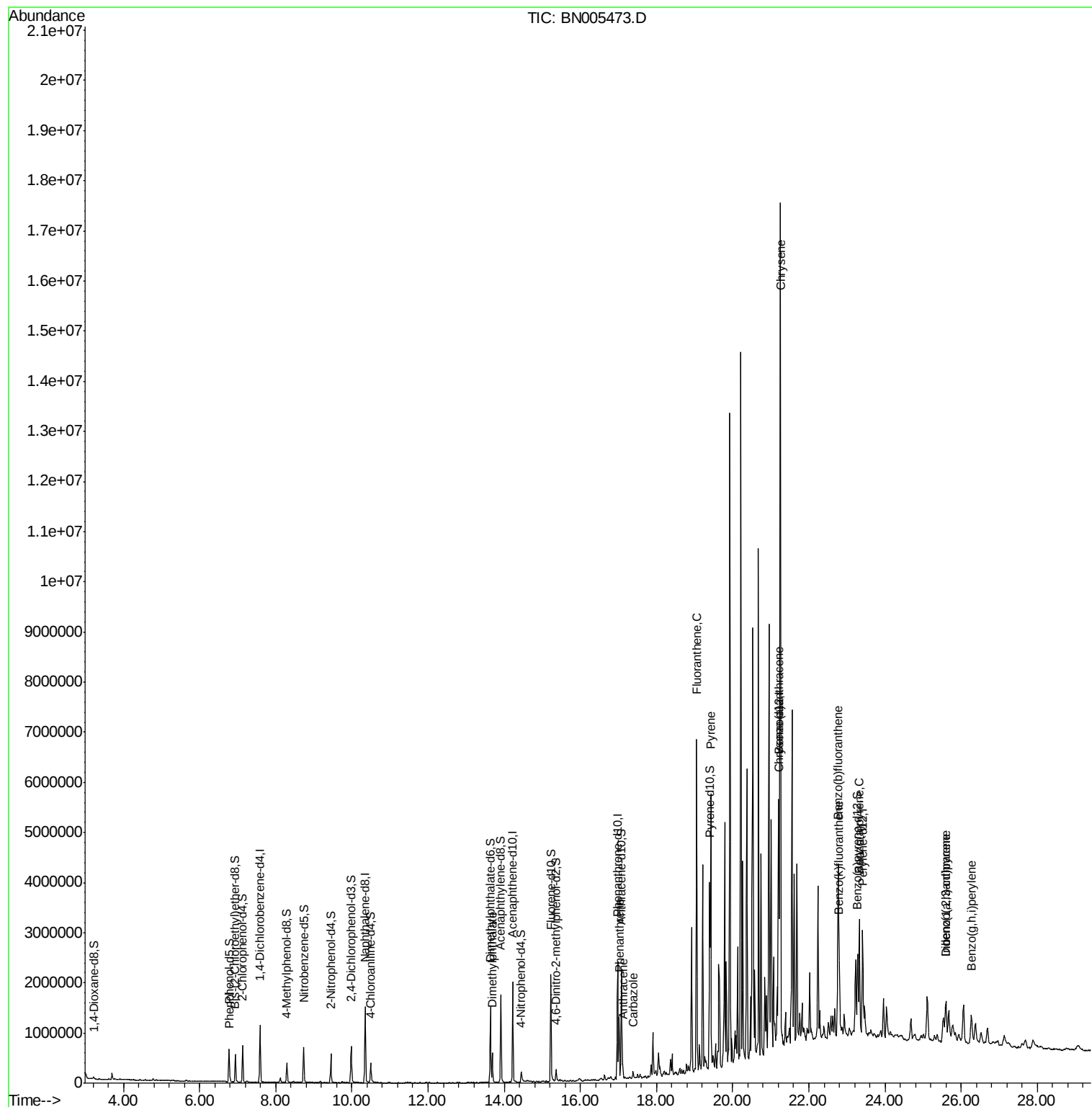
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

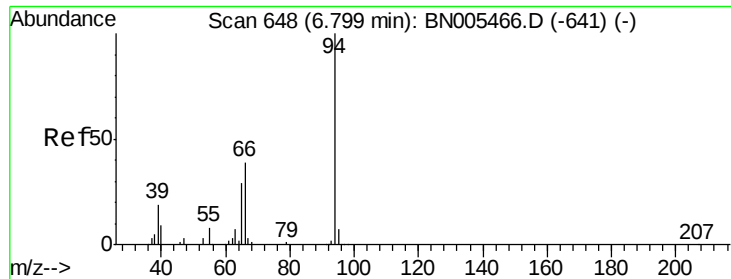
Instrument :
BNA_N
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Quant Time: May 06 02:30:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.015 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005473.D

Acq: 04 May 2019 04:09

Instrument :

BNA_N

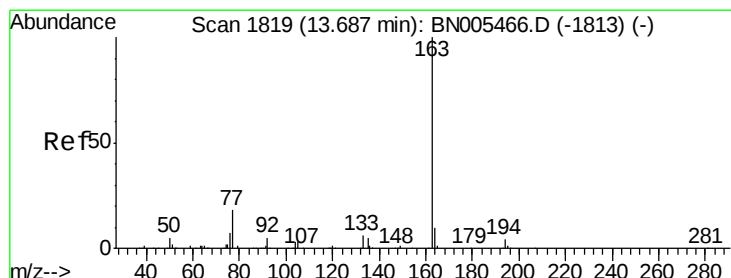
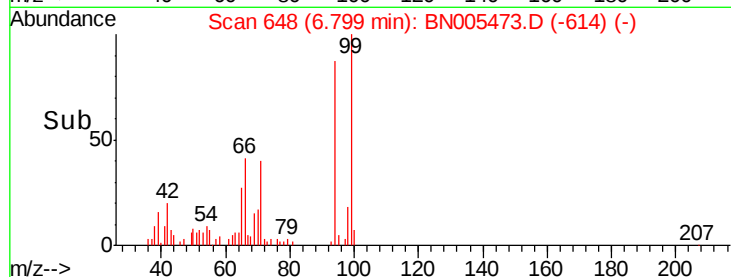
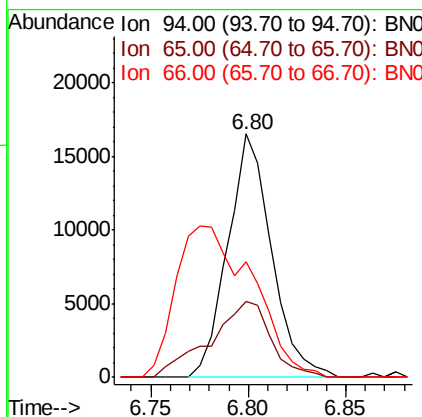
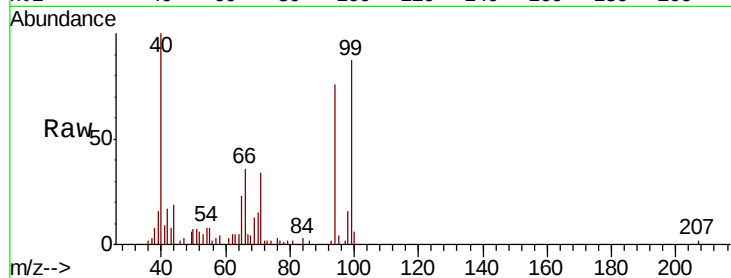
ClientSampled :

BFHK9

Tot Ion:	94	Resp:	25720
Ion	Ratio	Lower	Upper
94	100		
65	31.0	24.2	36.4
66	47.4	33.8	50.6

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#44

Dimethylphthalate

Concen: 7.650 ng/ul

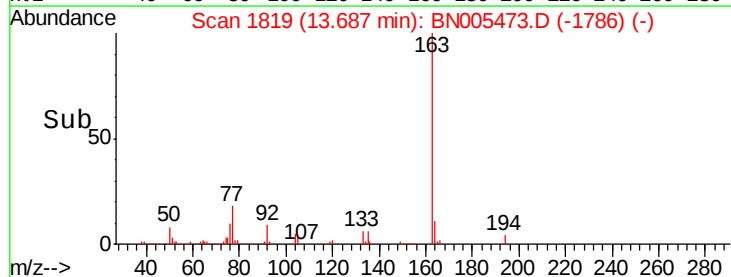
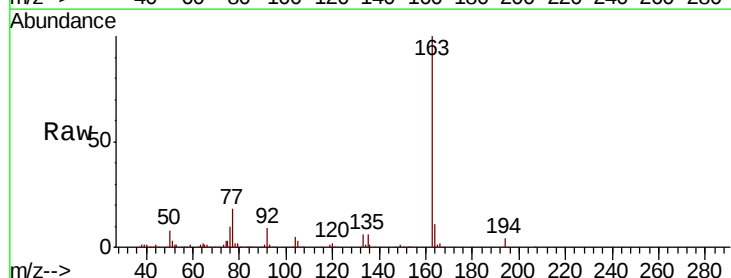
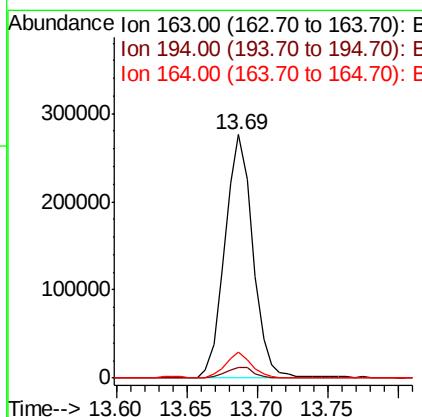
RT: 13.69 min Scan# 1819

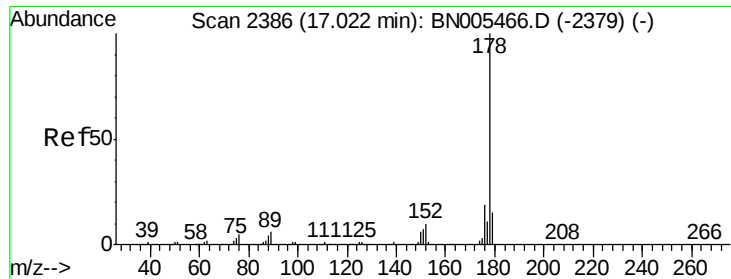
Delta R.T. -0.01 min

Lab File: BN005473.D

Acq: 04 May 2019 04:09

Tgt Ion:	163	Resp:	380238
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.1	12.1





#69

Phenanthrene

Concen: 11.087 ng/ul m

RT: 17.02 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BN005473.D

Acq: 04 May 2019 04:09

Instrument :

BNA_N

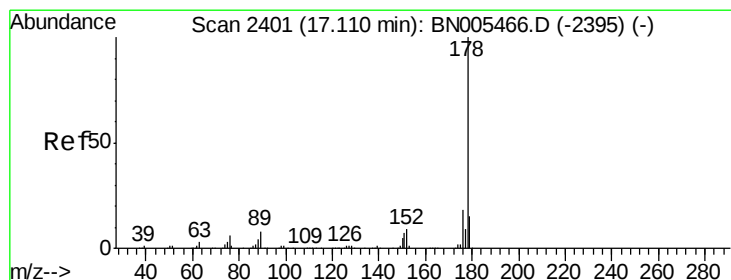
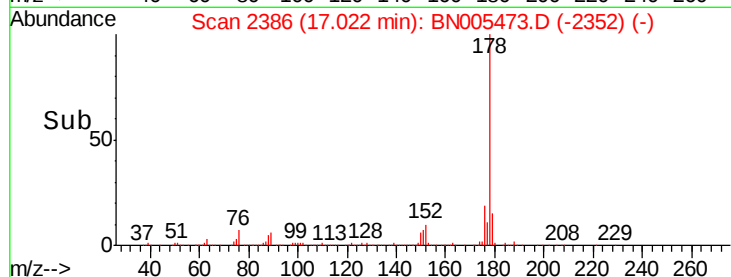
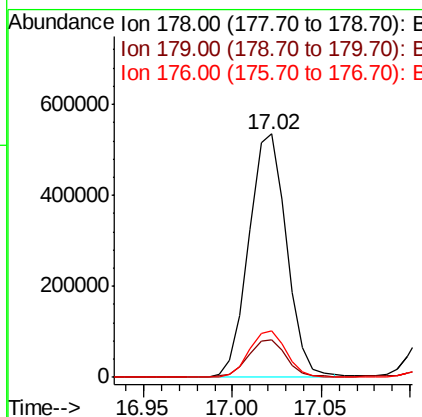
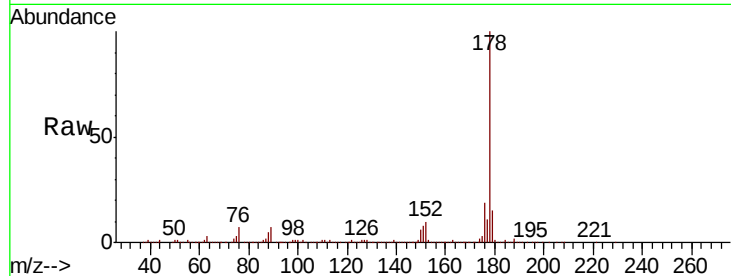
ClientSampled :

BFHK9

Tot Ion:	178	Resp:	789132
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.3	15.1	22.7

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#71

Anthracene

Concen: 2.115 ng/ul

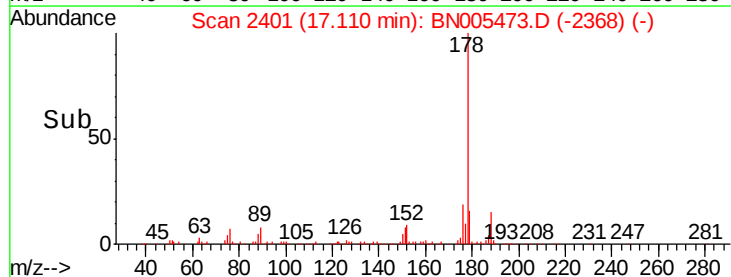
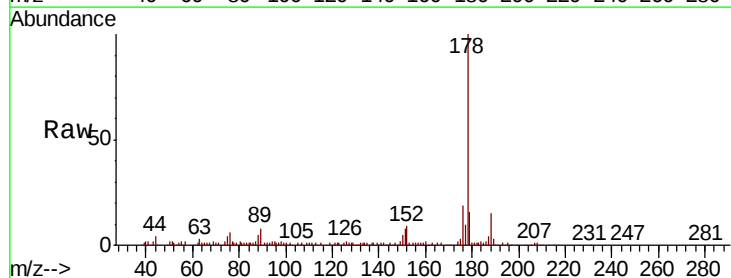
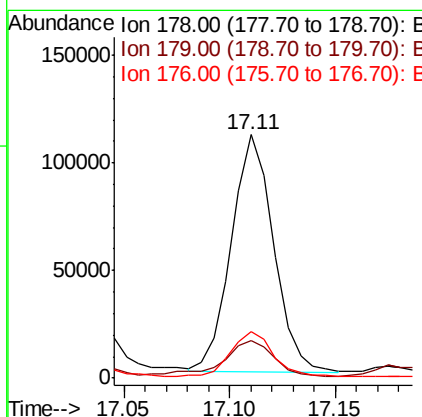
RT: 17.11 min Scan# 2401

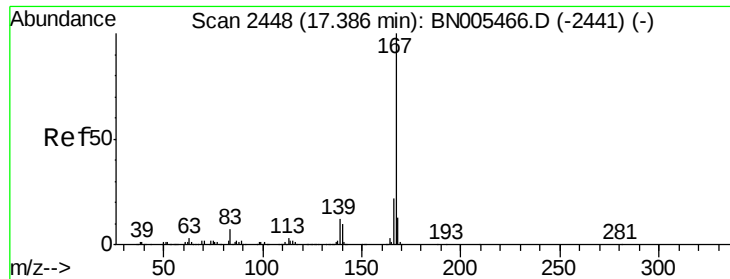
Delta R.T. -0.01 min

Lab File: BN005473.D

Acq: 04 May 2019 04:09

Tgt Ion:	178	Resp:	153352
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.4	15.1	22.7





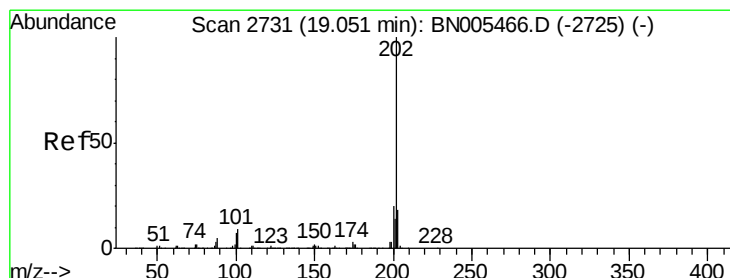
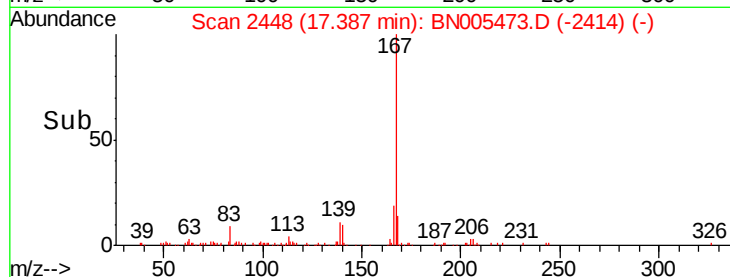
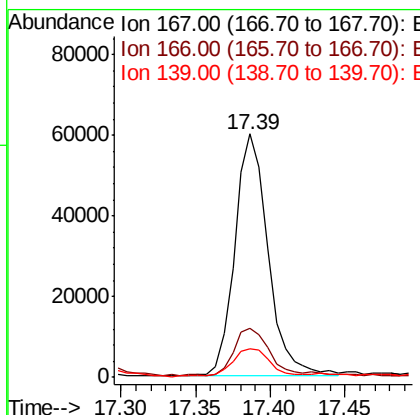
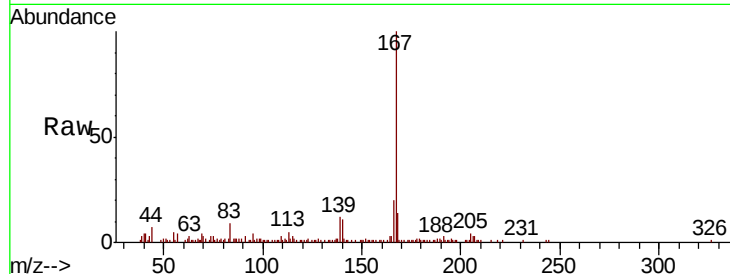
#74
 Carbazole
 Concen: 1.499 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BN005473.D
 Acq: 04 May 2019 04:09

Instrument :
 BNA_N
 ClientSampleId :
 BFHK9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	20.2		17.2	25.8	
139	11.8		10.6	16.0	

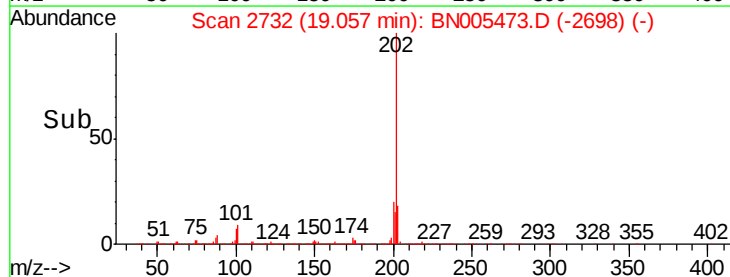
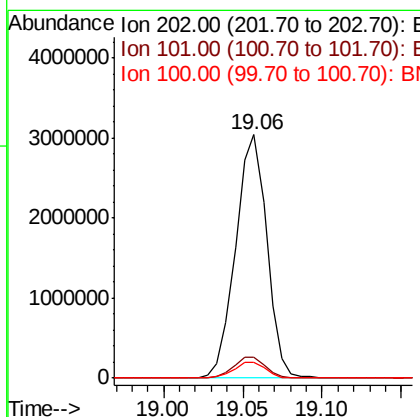
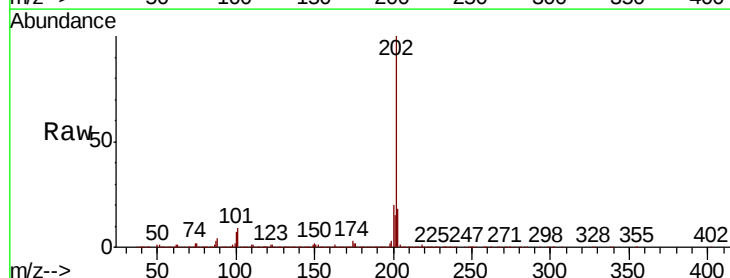
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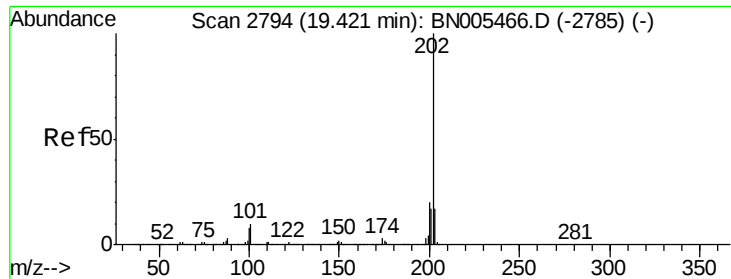
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#76
 Fluoranthene
 Concen: 52.456 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: BN005473.D
 Acq: 04 May 2019 04:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.7		8.6	12.8	
100	6.6		6.3	9.5	





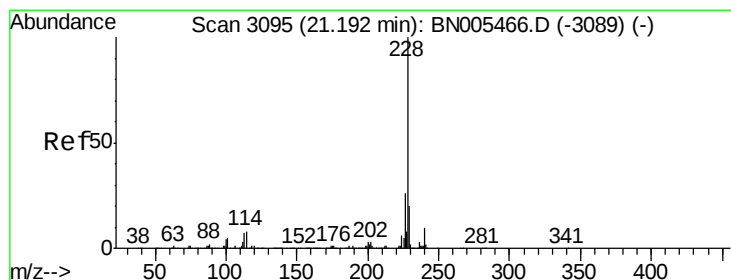
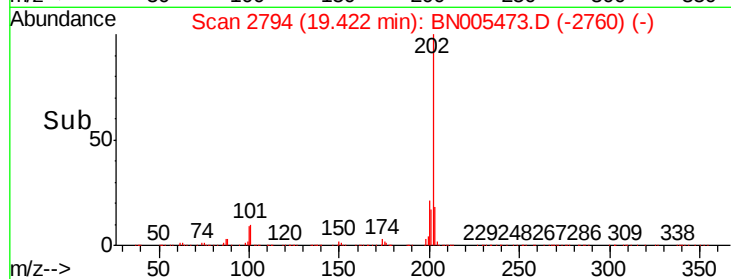
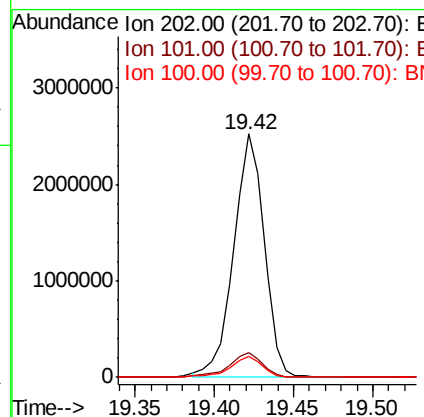
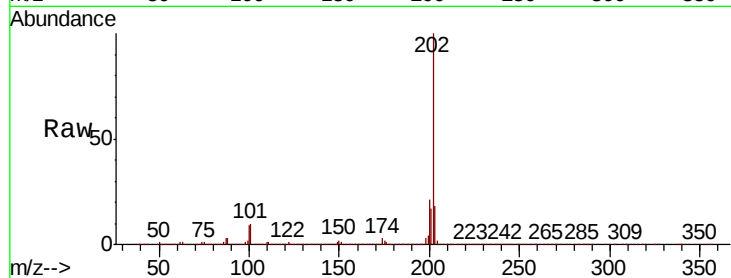
#79
Pvrene
Concen: 41.217 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005473.D
Acq: 04 May 2019 04:09

Instrument :
BNA_N
ClientSampleId :
BFHK9

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	10.3	15.5
100	8.6	7.9	11.9

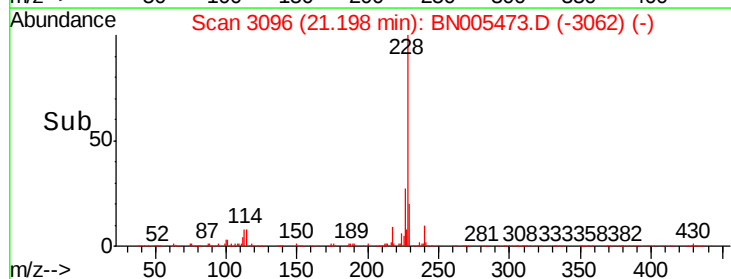
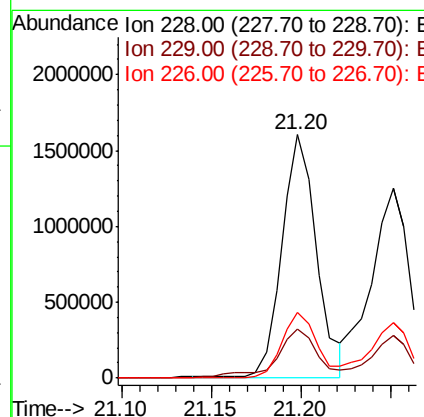
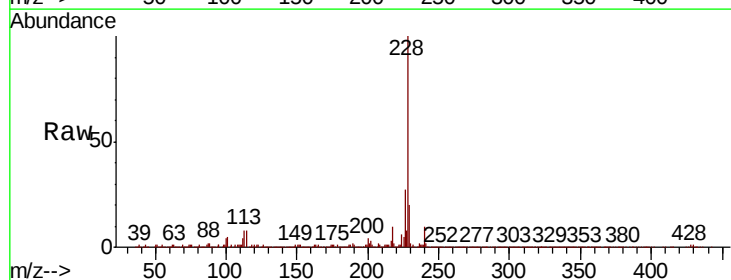
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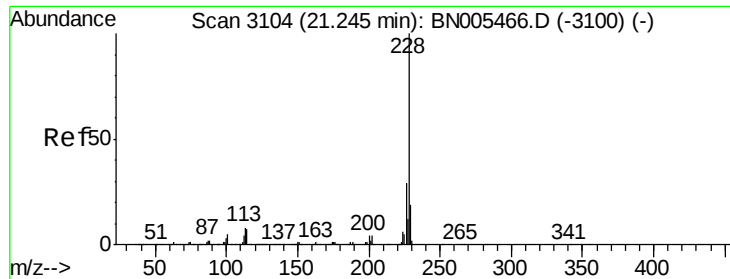
mohammad
5/7/2019 8:21:44 AM



#82
Benzo(a)anthracene
Concen: 27.563 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN005473.D
Acq: 04 May 2019 04:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.0	21.4	32.2





#84

Chrysene

Concen: 25.527 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN005473.D

Acq: 04 May 2019 04:09

Instrument :

BNA_N

ClientSampleId :

BFHK9

Tot Ion:228 Resp: 1855169

Ion Ratio Lower Upper

228 100

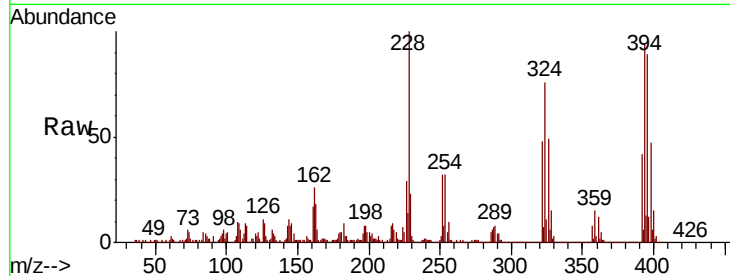
226 29.3 24.0 36.0

229 22.6 15.4 23.0

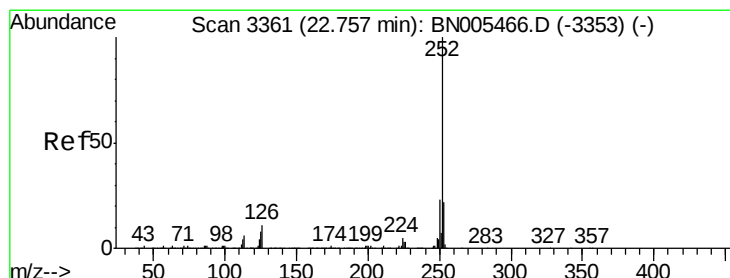
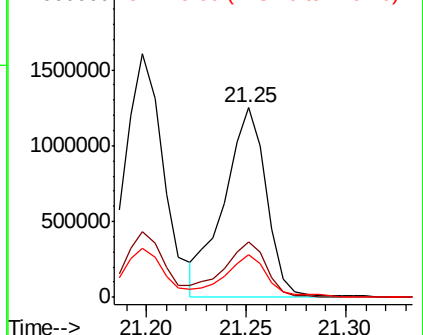
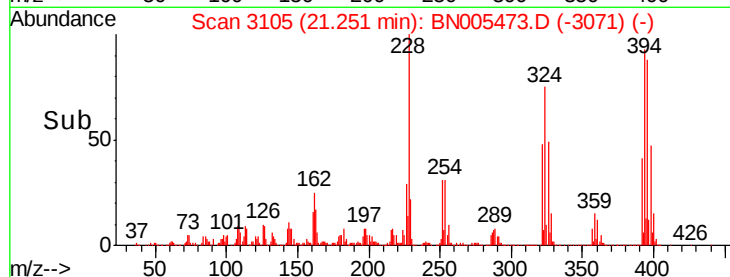
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 30.609 ng/ul m

RT: 22.76 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BN005473.D

Acq: 04 May 2019 04:09

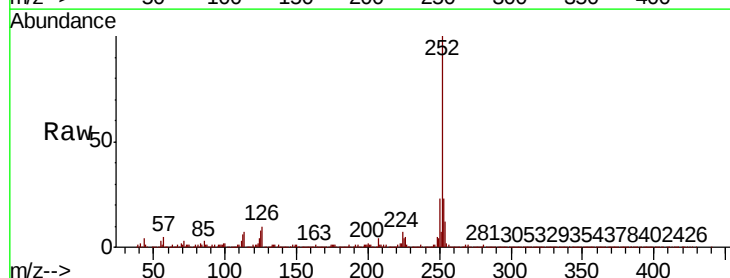
Tgt Ion:252 Resp: 2525483

Ion Ratio Lower Upper

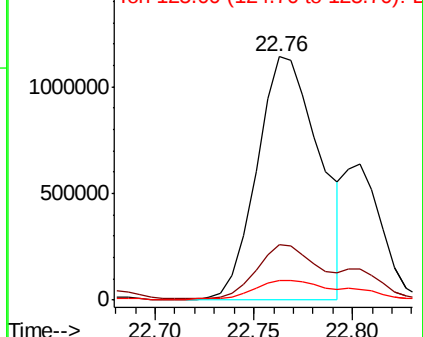
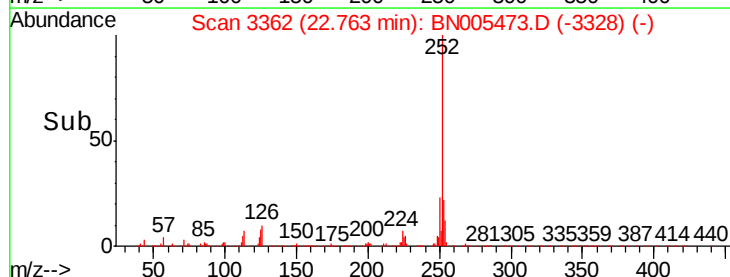
252 100

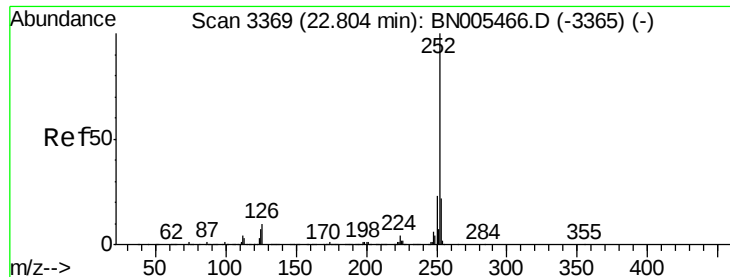
253 22.8 17.7 26.5

125 8.2 8.4 12.6#



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





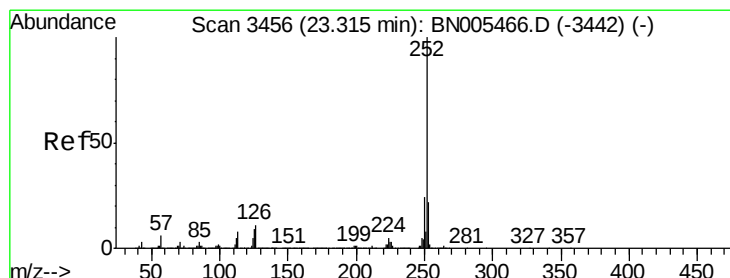
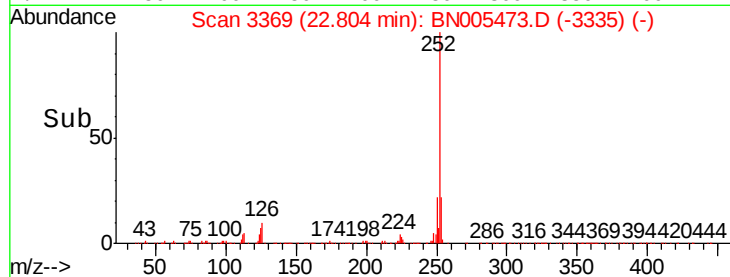
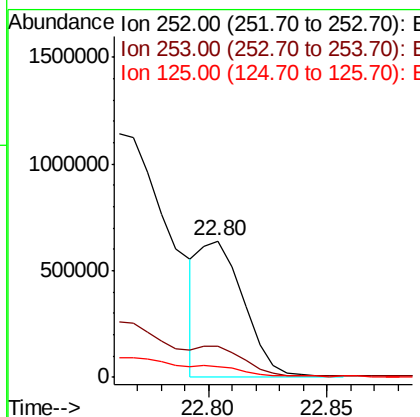
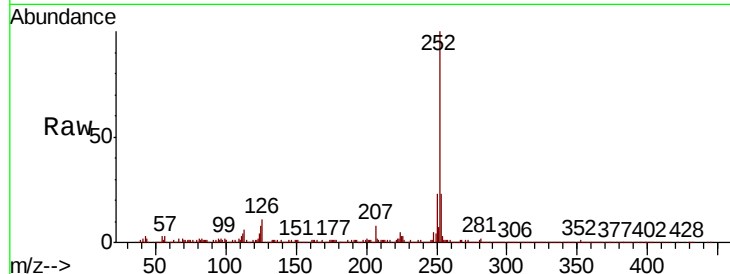
#88
Benzo(k)fluoranthene
Concen: 10.629 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BN005473.D
Acq: 04 May 2019 04:09

Instrument :
BNA_N
ClientSampleId :
BFHK9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	7.7	7.5	11.3

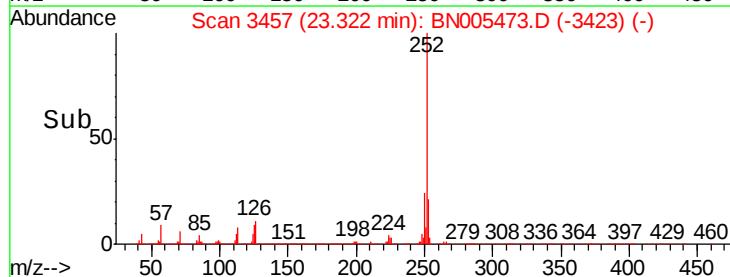
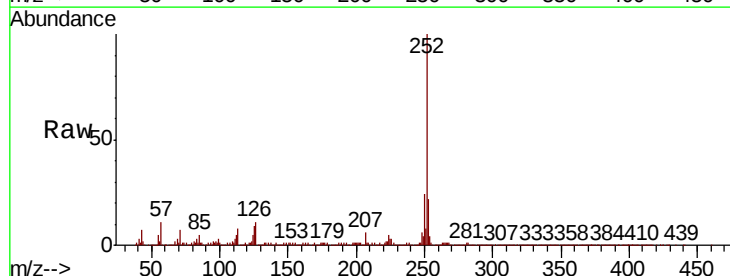
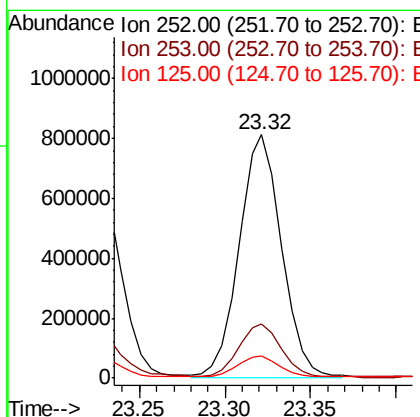
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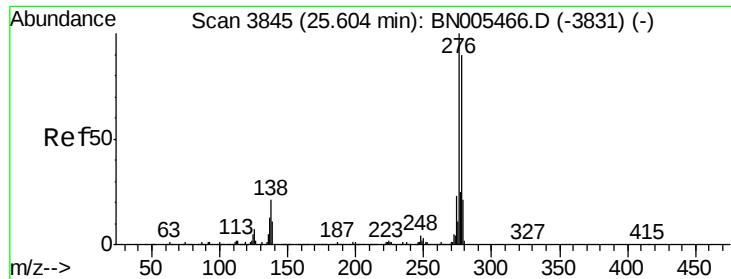
mohammad
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#90
Benzo(a)pyrene
Concen: 18.250 ng/ul m
RT: 23.32 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BN005473.D
Acq: 04 May 2019 04:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.0	8.6	13.0





#91

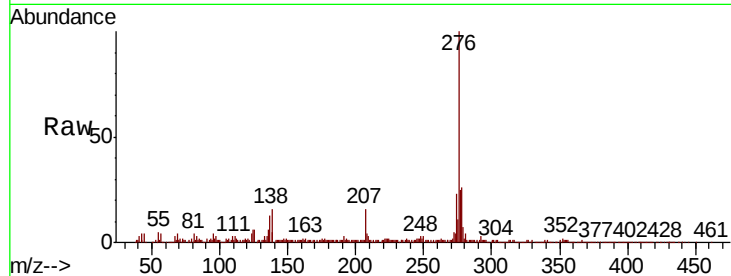
Indeno(1,2,3-cd)pyrene
Concen: 8.895 ng/ul m
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005473.D
Acq: 04 May 2019 04:09

Instrument :
BNA_N
ClientSampleId :
BFHK9

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.9	26.9#
277	25.4	19.7	29.5

Manual Integrations
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5/7/2019 8:21:44 AM

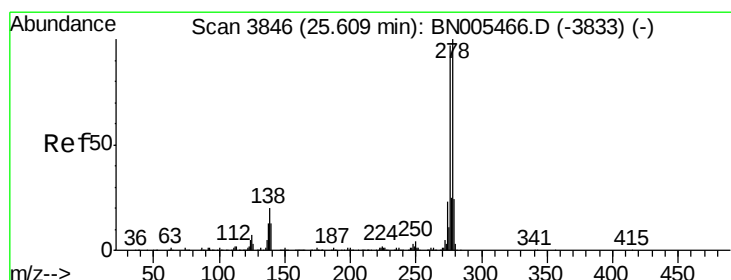
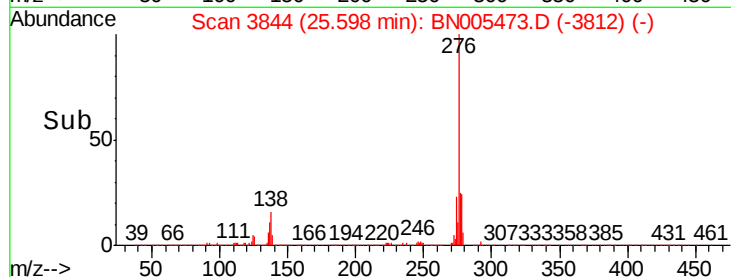
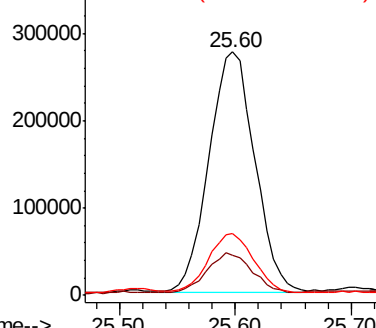


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

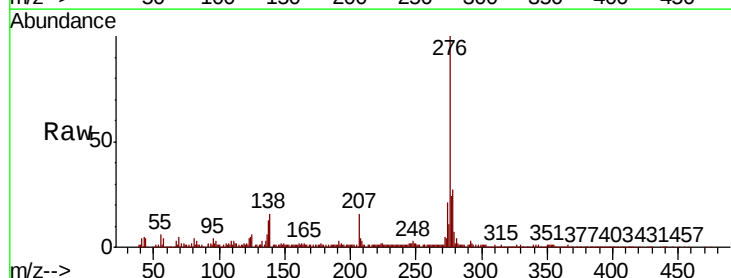
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene
Concen: 3.152 ng/ul m
RT: 25.60 min Scan# 3845
Delta R.T. -0.02 min
Lab File: BN005473.D
Acq: 04 May 2019 04:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	24.1	19.4	29.0

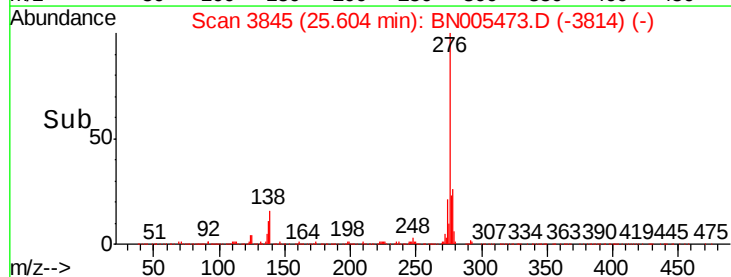
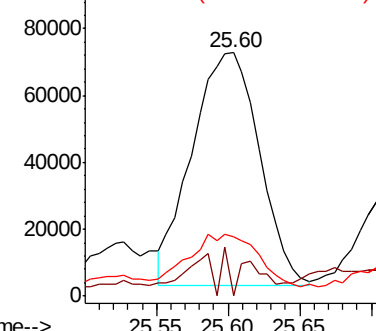


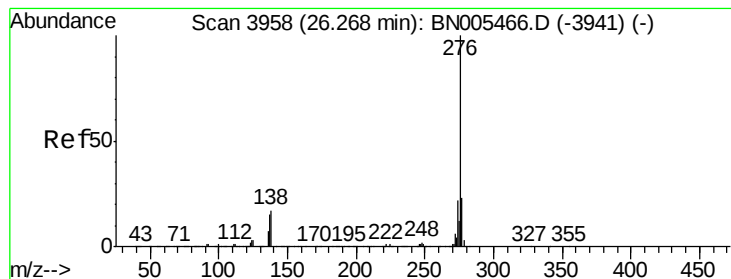
Abundance

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: 9.400 ng/ul m

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BN005473.D

Acq: 04 May 2019 04:09

Instrument :

BNA_N

ClientSampleId :

BFHK9

Tot Ion:	276	Resp:	666428
Ion Ratio	Lower	Upper	
276	100		
138	17.1	16.7	25.1
277	24.0	18.2	27.2

Manual Integrations
APPROVED

mohammad
5/7/2019 8:21:44 AM

