

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005422.D
 Acq On : 02 May 2019 19:02
 Operator : JU/SJ
 Sample : K2603-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ74

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:30 PM

Quant Time: May 03 04:10:31 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	274773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1209278	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	766996	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1751503	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1727180	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1654591	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	20654	3.63	ng/uL	0.00
5) Phenol-d5	6.78	99	400328	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	250841	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	328242	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	345926	20.51	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	180206	24.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	203676	26.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	350888	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	392082	21.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1251474	22.48	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1374952	20.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	177866	20.23	ng/ul	0.00
57) Fluorene-d10	15.22	176	1008300	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	168637	21.41	ng/ul	0.00
70) Anthracene-d10	17.08	188	1530100	20.84	ng/ul	0.00
78) Pyrene-d10	19.39	212	1612709	18.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1335869	18.47	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.80	94	29283	1.319 ng/ul	94
28) Naphthalene	10.40	128	311035	5.533 ng/ul	99
44) Dimethylphthalate	13.69	163	391967	7.065 ng/ul	99
47) Acenaphthylene	13.95	152	165865	2.468 ng/ul	98
76) Fluoranthene	19.05	202	255909	2.705 ng/ul	97
79) Pyrene	19.42	202	840588	7.559 ng/ul#	94
82) Benzo(a)anthracene	21.19	228	485411m	4.518 ng/ul	
84) Chrysene	21.25	228	424890	4.261 ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	582530	6.263 ng/ul	97
88) Benzo(k)fluoranthene	22.80	252	184338m	2.075 ng/ul	
90) Benzo(a)pyrene	23.32	252	518089	5.926 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	220453	2.281 ng/ul#	94
93) Benzo(g,h,i)perylene	26.26	276	153984	1.927 ng/ul	96

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

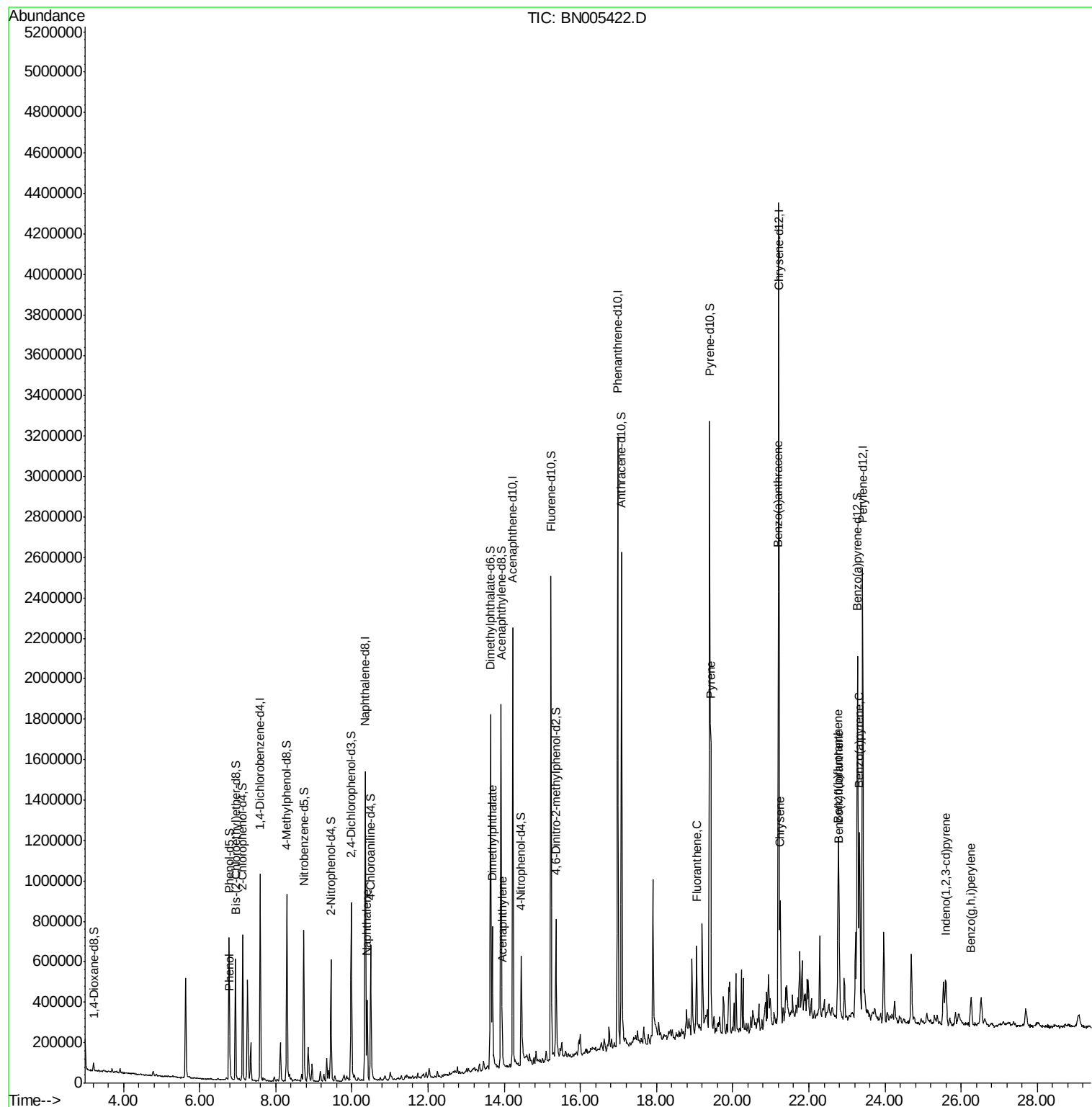
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005422.D
Acq On : 02 May 2019 19:02
Operator : JU/SJ
Sample : K2603-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

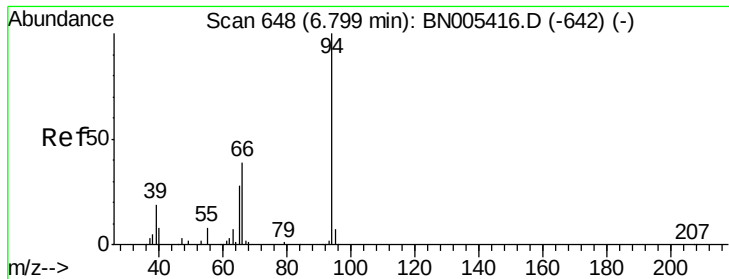
Instrument :
BNA_N
ClientSampleId :
GAJ74

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Quant Time: May 03 04:10:31 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: 1.319 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Instrument :

BNA_N

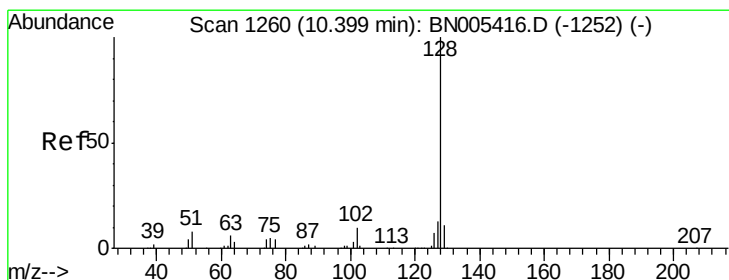
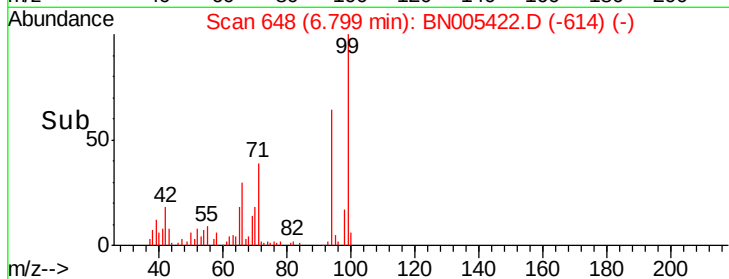
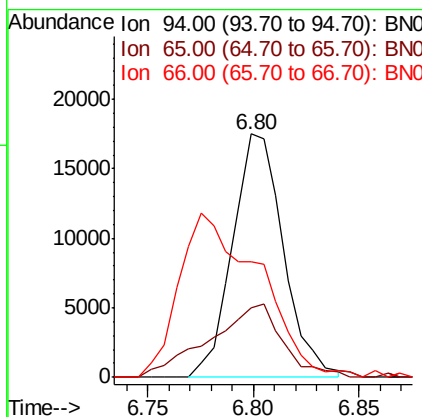
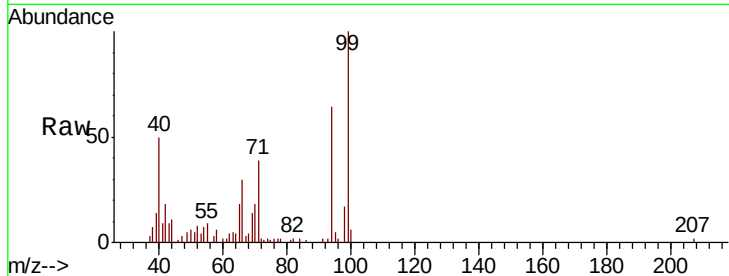
ClientSampleId :

GAJ74

Tot Ion:	94	Resp:	29283
Ion	Ratio	Lower	Upper
94	100		
65	28.6	24.2	36.4
66	47.6	33.8	50.6

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#28

Naphthalene

Concen: 5.533 ng/ul

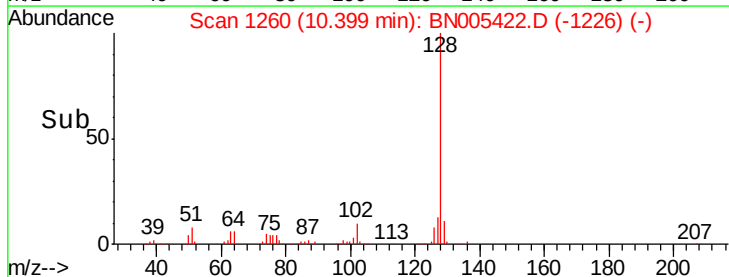
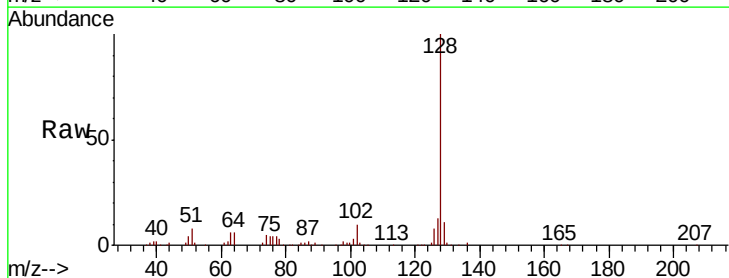
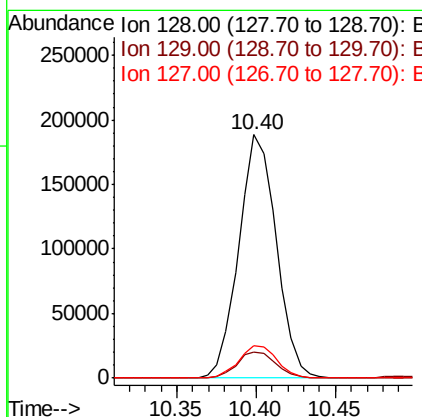
RT: 10.40 min Scan# 1260

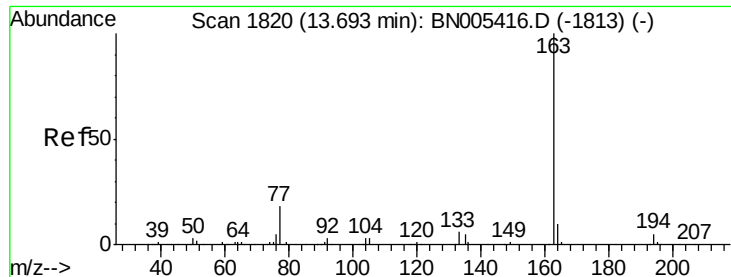
Delta R.T. 0.00 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Tgt Ion:	128	Resp:	311035
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.2	13.8
127	13.4	10.7	16.1





#44

Dimethylphthalate

Concen: 7.065 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Instrument :

BNA_N

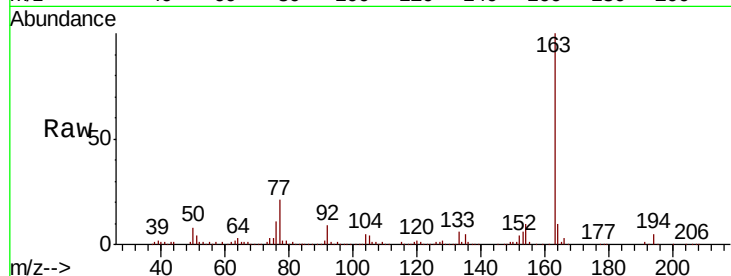
ClientSampled :

GAJ74

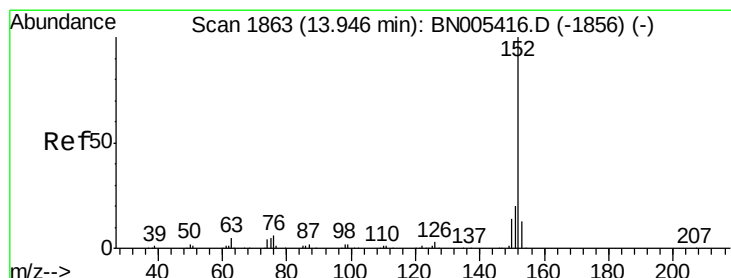
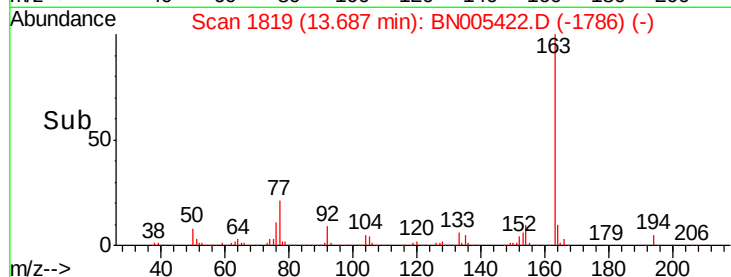
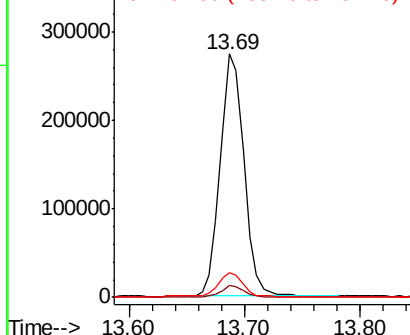
Tot Ion:	163	Resp:	391967
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.0
164	10.4	8.1	12.1

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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: 2.468 ng/ul

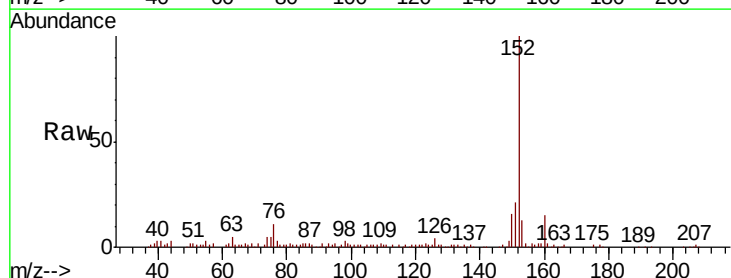
RT: 13.95 min Scan# 1863

Delta R.T. 0.00 min

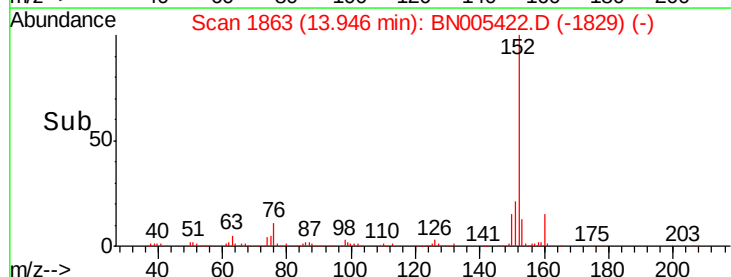
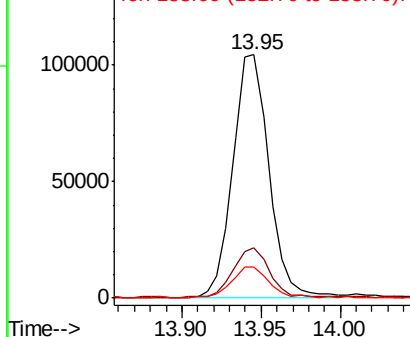
Lab File: BN005422.D

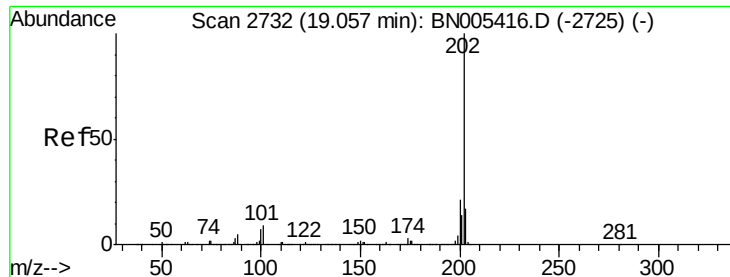
Acq: 02 May 2019 19:02

Tgt Ion:	152	Resp:	165865
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.8	23.8
153	12.9	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





#76

Fluoranthene

Concen: 2.705 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Instrument :

BNA_N

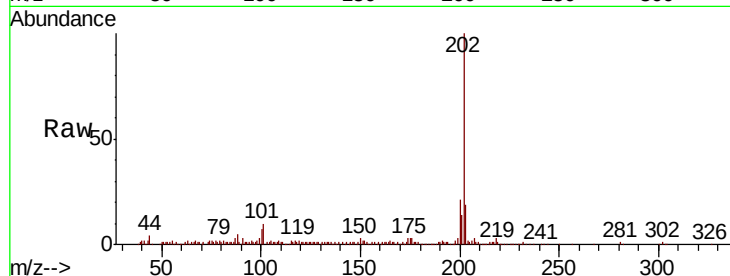
ClientSampled :

GAJ74

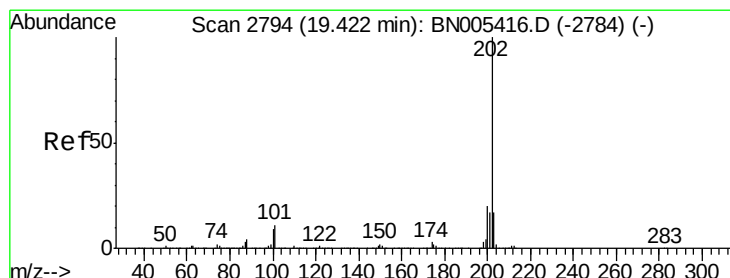
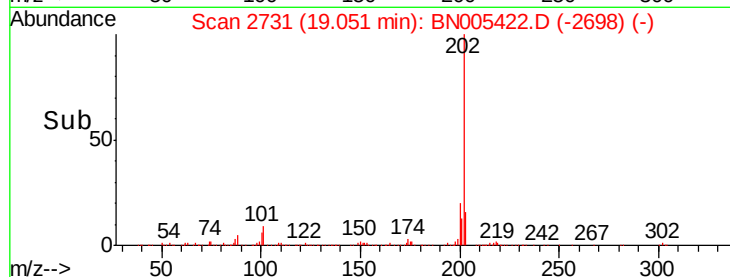
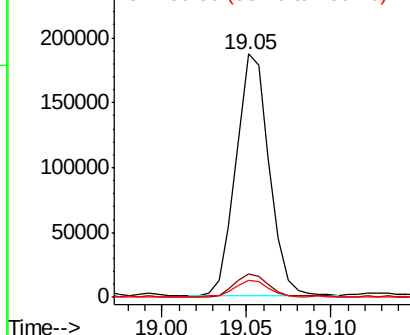
Tot Ion:	202	Resp:	255909
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.6	12.8
100	7.0	6.3	9.5

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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: 7.559 ng/ul

RT: 19.42 min Scan# 2794

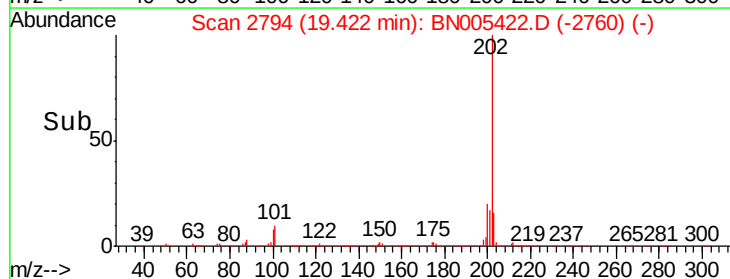
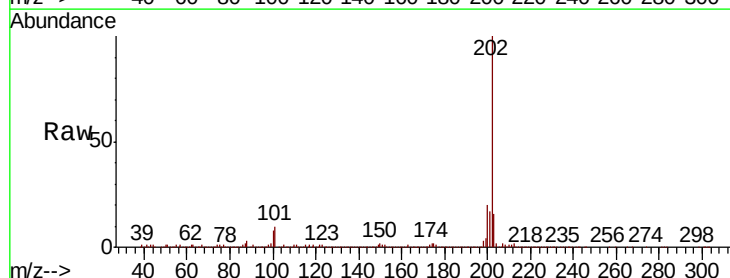
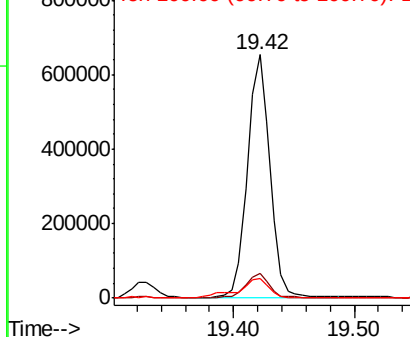
Delta R.T. 0.00 min

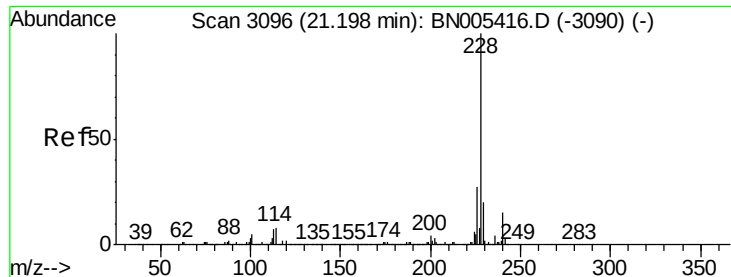
Lab File: BN005422.D

Acq: 02 May 2019 19:02

Tgt Ion:	202	Resp:	840588
Ion Ratio	Lower	Upper	
202	100		
101	10.3	10.3	15.5#
100	8.3	7.9	11.9

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: 4.518 ng/ul m

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Instrument :

BNA_N

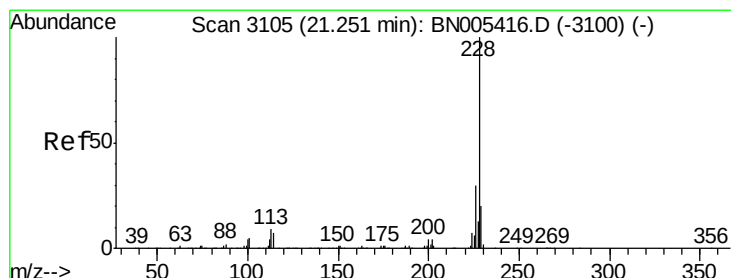
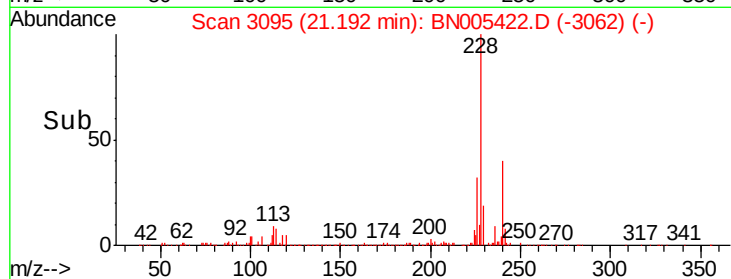
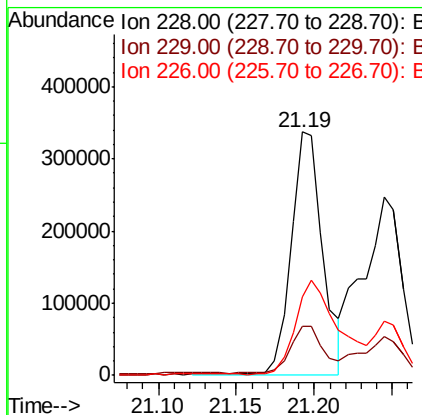
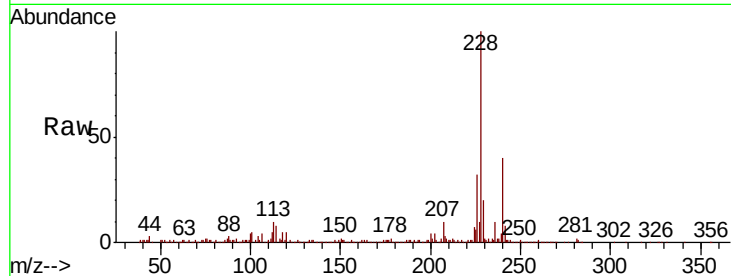
ClientSampleId :

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Tot Ion:	228	Resp:	485411
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.6
226	32.4	21.4	32.2#

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#84

Chrysene

Concen: 4.261 ng/ul

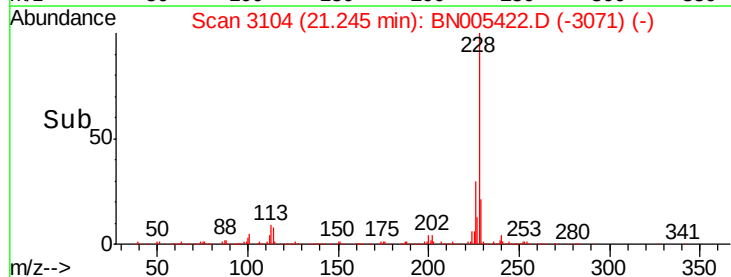
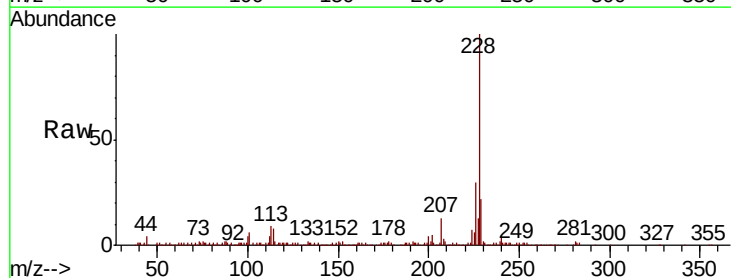
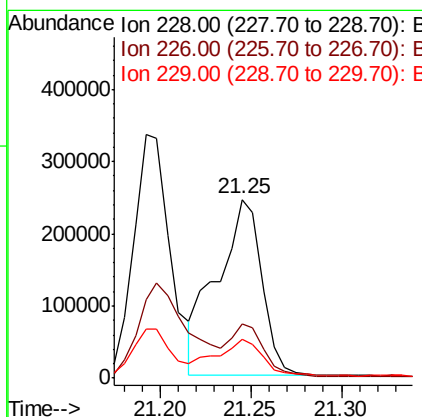
RT: 21.25 min Scan# 3104

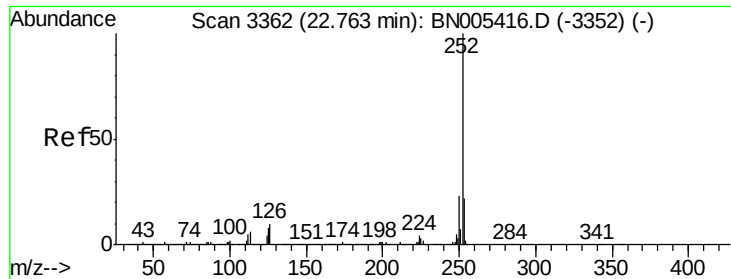
Delta R.T. -0.01 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Tgt Ion:	228	Resp:	424890
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.0	36.0
229	22.0	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 6.263 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Instrument :

BNA_N

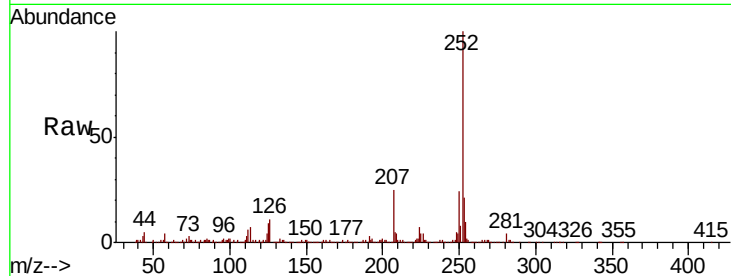
ClientSampled :

GAJ74

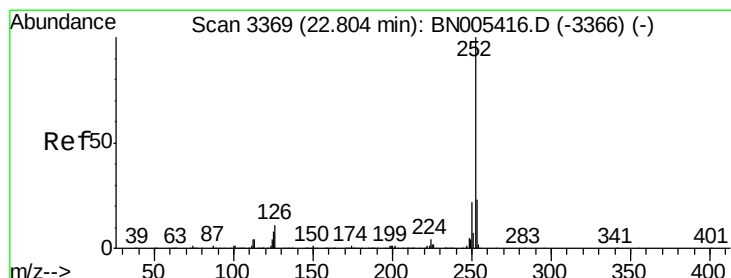
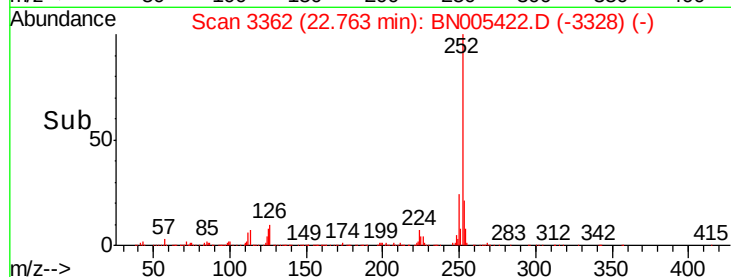
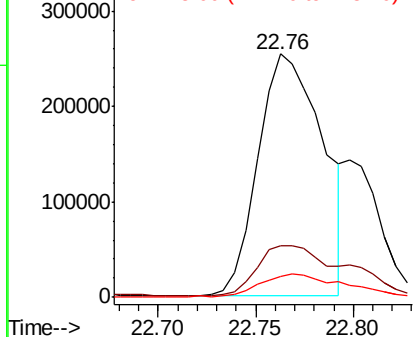
Tot Ion:	252	Resp:	582530
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.7	26.5
125	8.6	8.4	12.6

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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



#88

Benzo(k)fluoranthene

Concen: 2.075 ng/ul m

RT: 22.80 min Scan# 3368

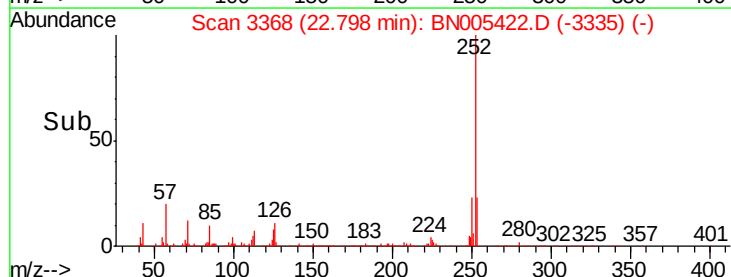
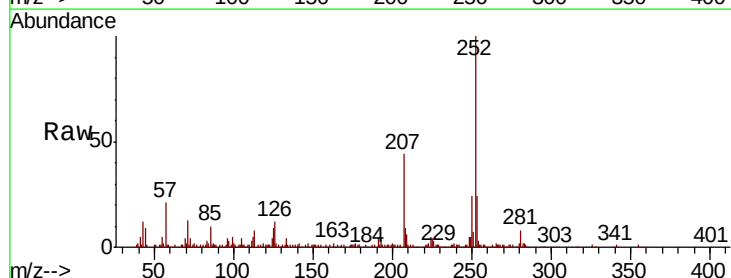
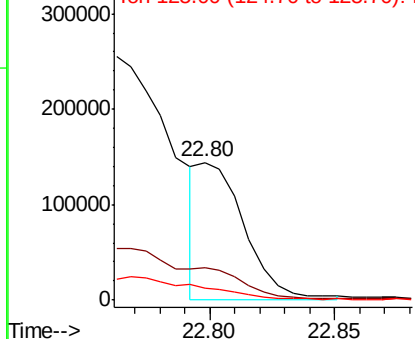
Delta R.T. -0.01 min

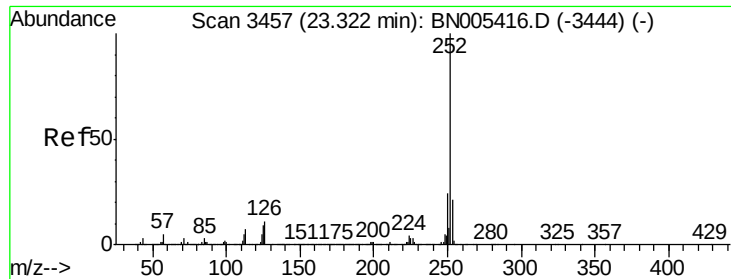
Lab File: BN005422.D

Acq: 02 May 2019 19:02

Tgt Ion:	252	Resp:	184338
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.0
125	8.7	7.5	11.3

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





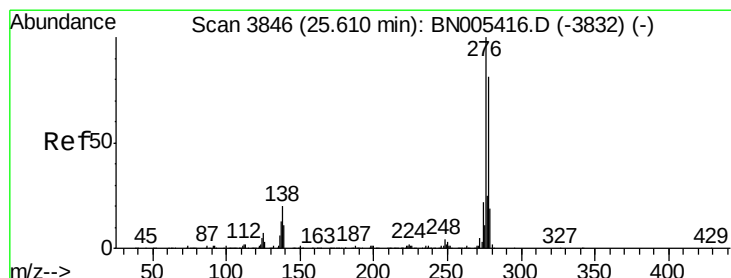
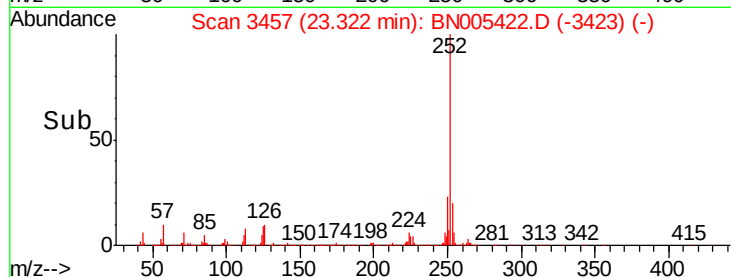
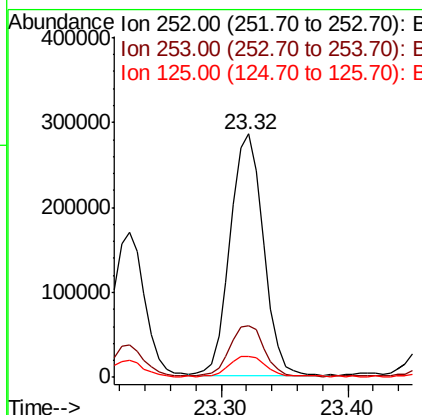
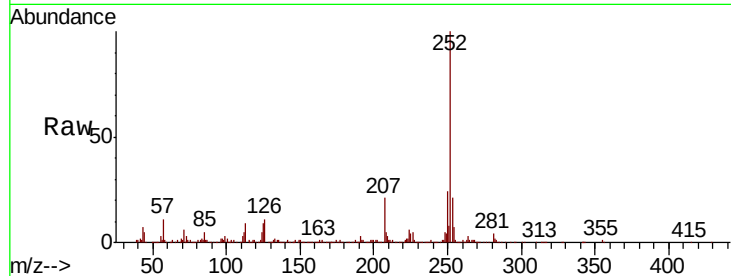
#90
Benzo(a)pyrene
Concen: 5.926 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BN005422.D
Acq: 02 May 2019 19:02

Instrument :
BNA_N
ClientSampled :
GAJ74

Tot Ion:	252	Resp:	518089
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.3	25.9
125	8.7	8.6	13.0

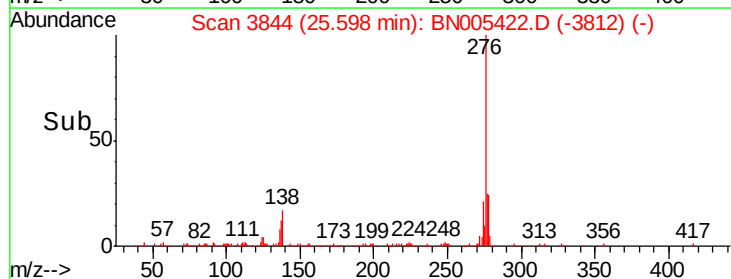
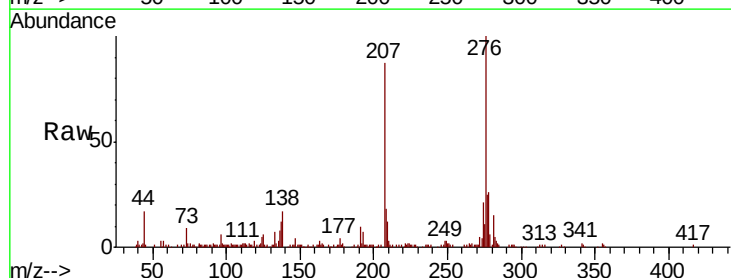
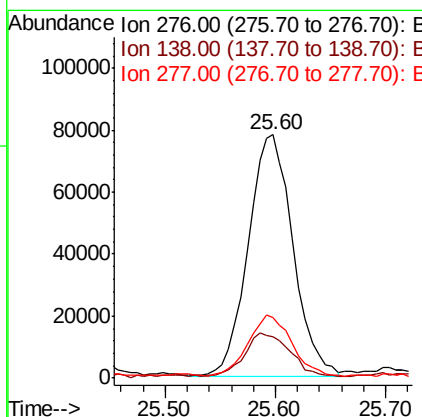
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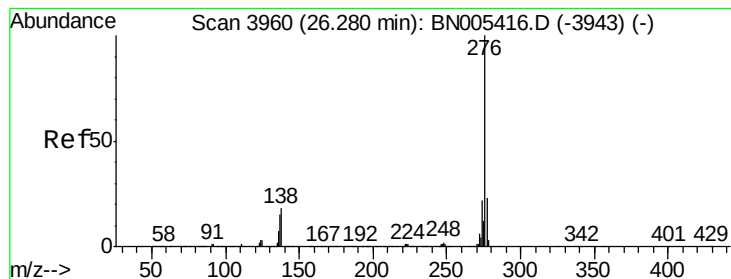
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.281 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005422.D
Acq: 02 May 2019 19:02

Tgt Ion:	276	Resp:	220453
Ion Ratio	Lower	Upper	
276	100		
138	17.2	17.9	26.9#
277	25.0	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.927 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BN005422.D

Acq: 02 May 2019 19:02

Instrument :

BNA_N

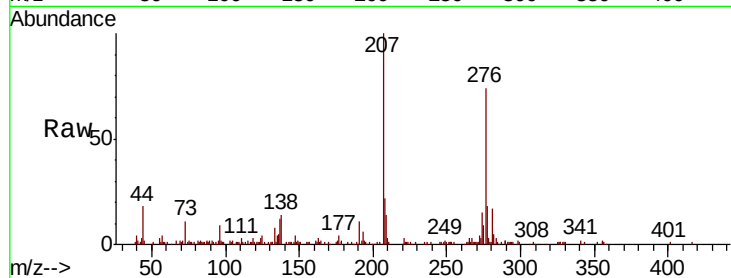
ClientSampleId :

GAJ74

Tot Ion:	276	Resp:	153984
Ion Ratio	Lower	Upper	
276	100		
138	18.7	16.7	25.1
277	24.6	18.2	27.2

Manual Integrations
APPROVED

Sohil
5/3/2019 4:56:30 PM



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

