

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008320.D
 Acq On : 22 Oct 2019 18:22
 Operator : JU
 Sample : K5199-22DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH2DL

Manual Integrations
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Quant Time: Oct 23 01:51:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8950	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5737	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12657	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12162	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10941	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1830	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	5754	0.13	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	1358	0.050	ng/ul#	72
8) Acenaphthene	14.28	153	685	0.032	ng/ul	97
9) Fluorene	15.27	166	757	0.031	ng/ul#	91
12) Phenanthrene	17.01	178	16348	0.441	ng/ul	99
13) Anthracene	17.10	178	3450	0.106	ng/ul	95
15) Fluoranthene	19.04	202	37258	0.761	ng/ul	98
17) Pyrene	19.40	202	37966	0.784	ng/ul	98
18) Benzo(a)anthracene	21.16	228	20544	0.465	ng/ul	96
19) Chrysene	21.21	228	22505	0.415	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	24762m	0.695	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	7118m	0.176	ng/ul	
23) Benzo(a)pyrene	23.26	252	16093	0.429	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.50	276	9736	0.221	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.51	278	2279	0.065	ng/ul#	55
26) Benzo(g,h,i)perylene	26.16	276	8043	0.199	ng/ul#	92

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

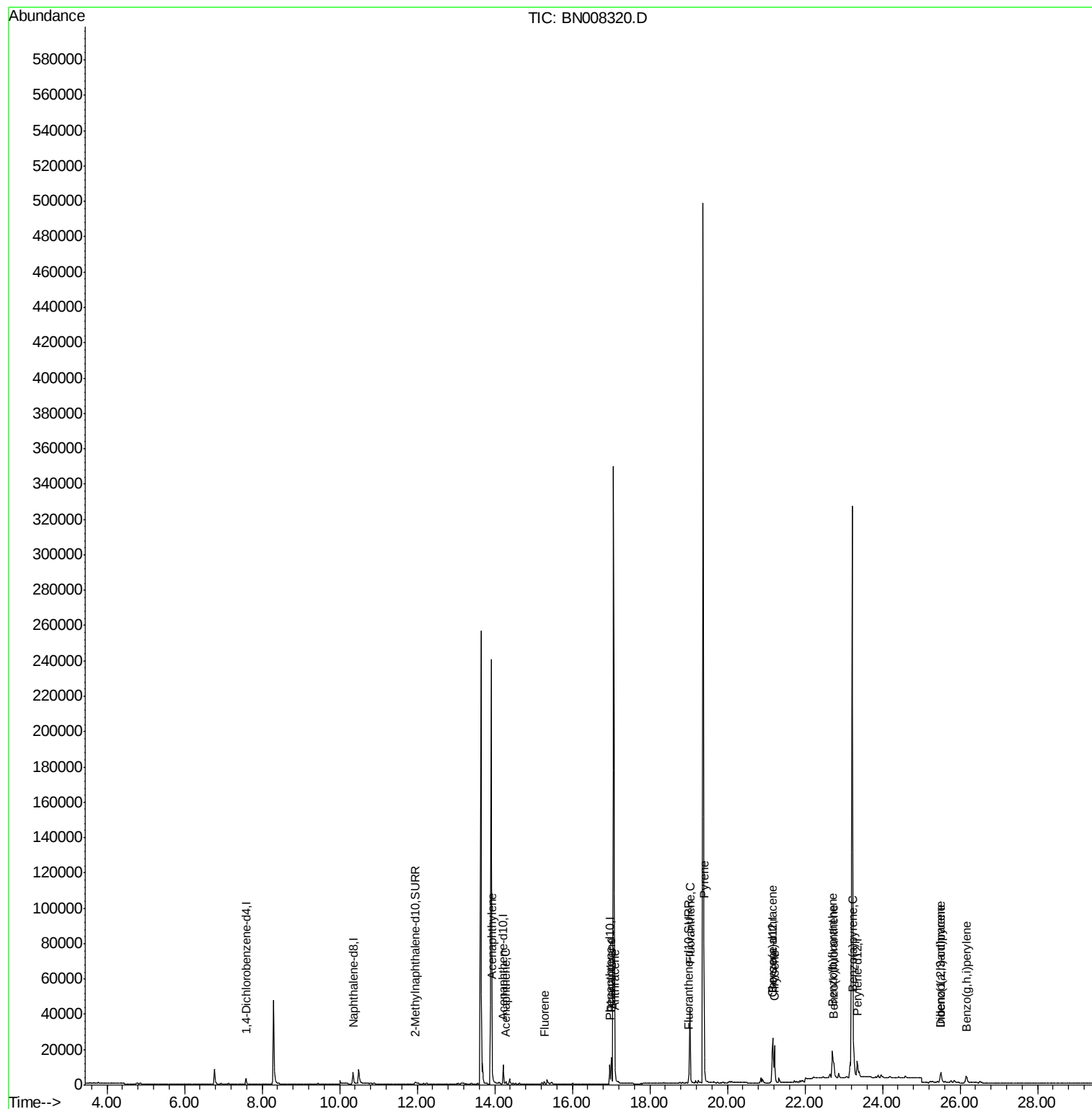
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008320.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

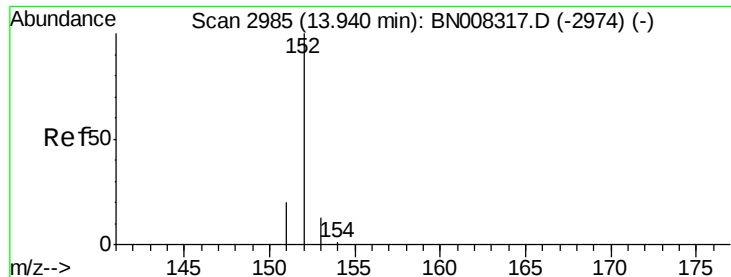
Instrument :
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Quant Time: Oct 23 01:51:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.050 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

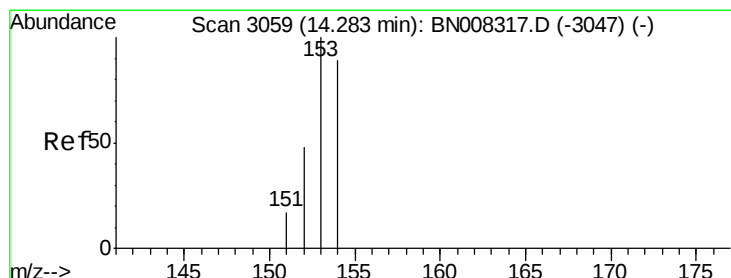
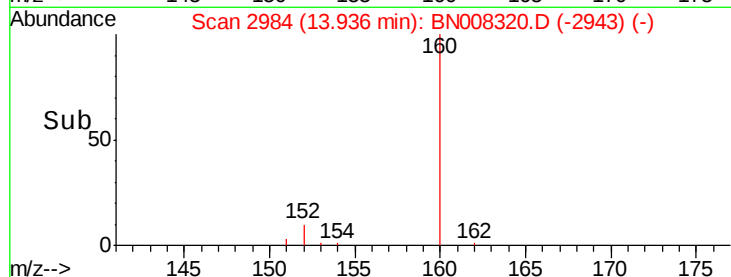
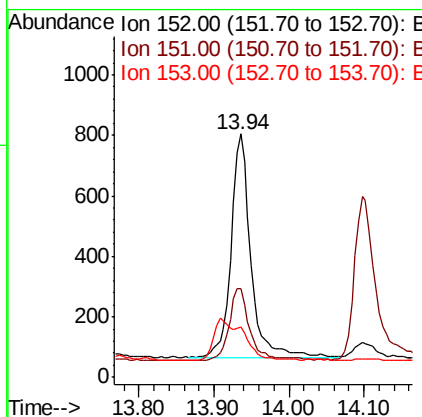
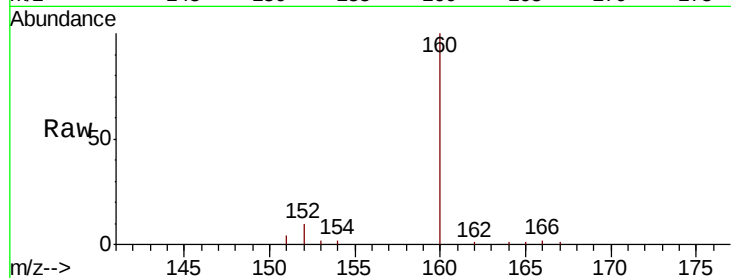
ClientSampleId :

BEPH2DL

Tot Ion:	152	Resp:	1358
Ion Ratio	Lower	Upper	
152	100		
151	36.3	16.2	24.4#
153	20.9	11.0	16.4#

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#8

Acenaphthene

Concen: 0.032 ng/ul

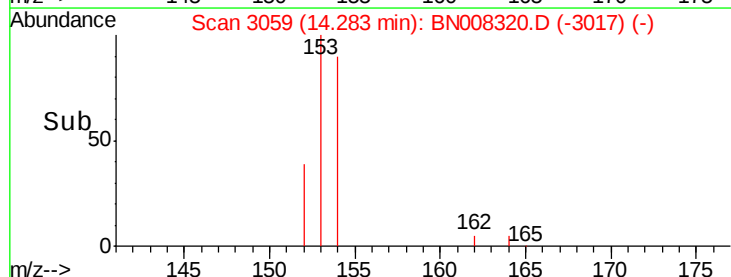
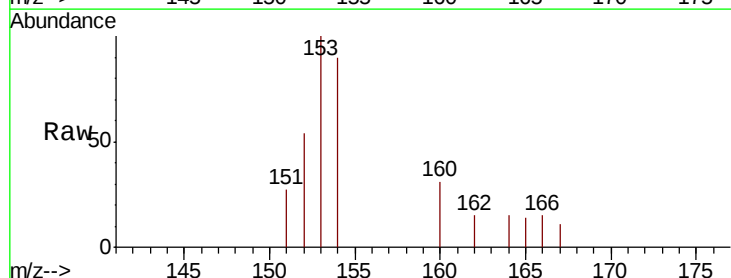
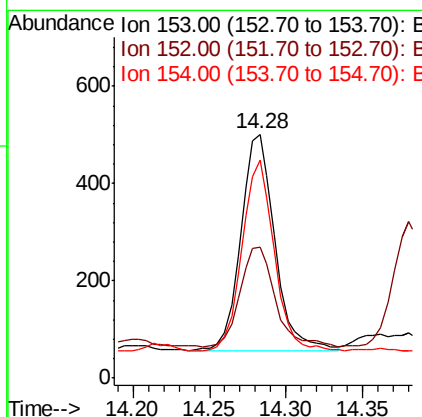
RT: 14.28 min Scan# 3059

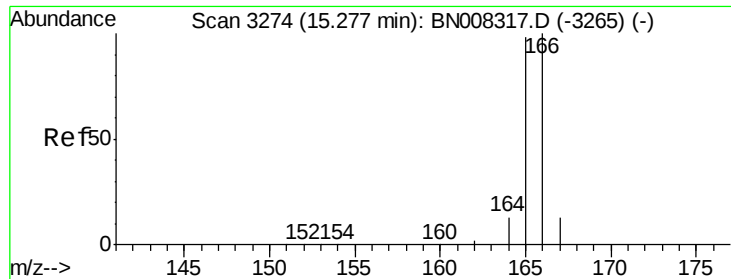
Delta R.T. -0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Tgt Ion:	153	Resp:	685
Ion Ratio	Lower	Upper	
153	100		
152	53.9	38.2	57.2
154	89.6	71.8	107.8





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

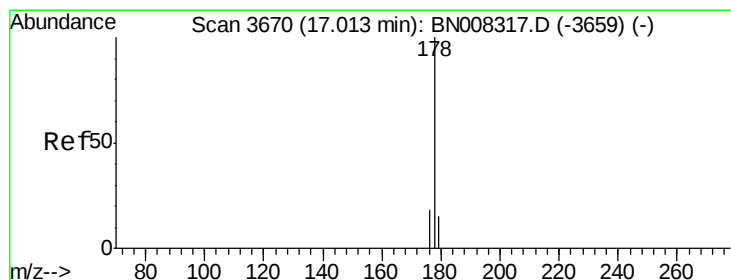
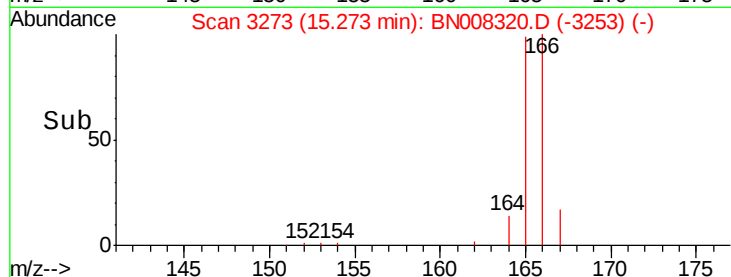
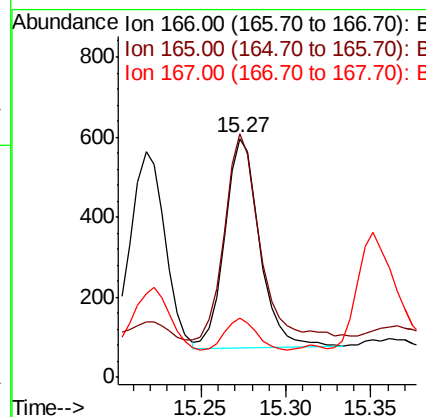
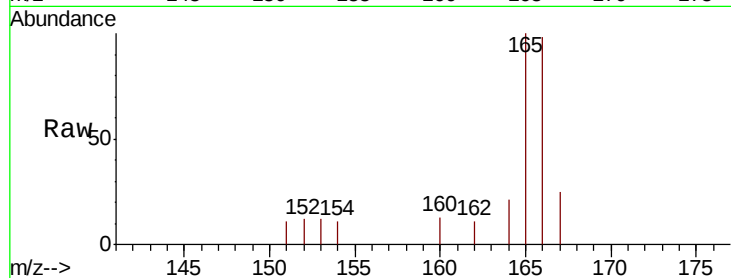
ClientSampleId :

BEPH2DL

Tot Ion:	166	Resp:	757
Ion Ratio	Lower	Upper	
166	100		
165	101.8	76.6	115.0
167	25.0	11.7	17.5#

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#12

Phenanthrene

Concen: 0.441 ng/ul

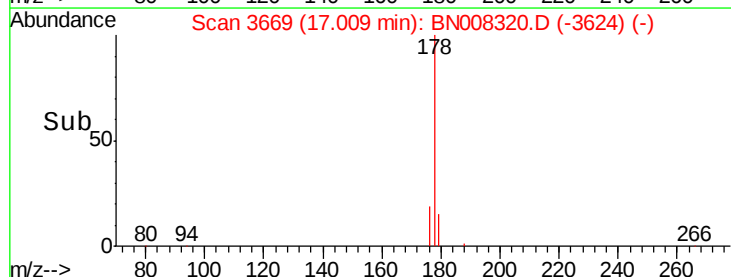
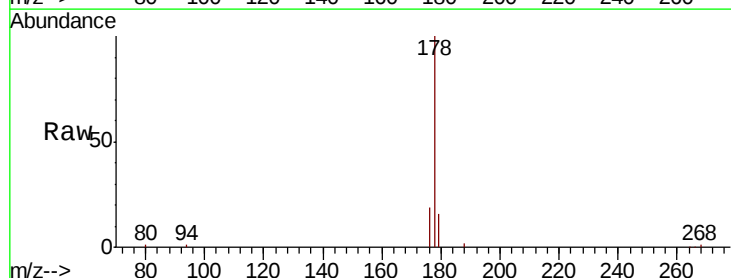
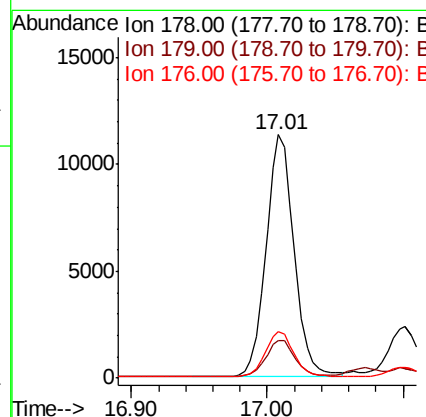
RT: 17.01 min Scan# 3669

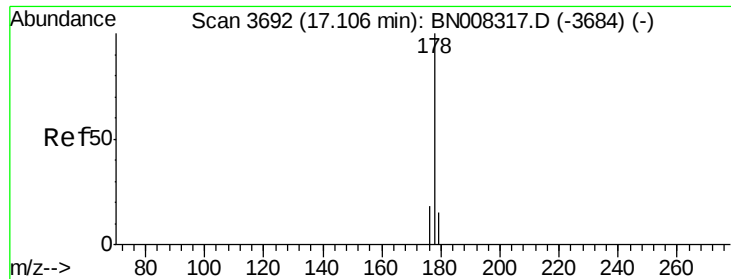
Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Tgt Ion:	178	Resp:	16348
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.2	15.4	23.2





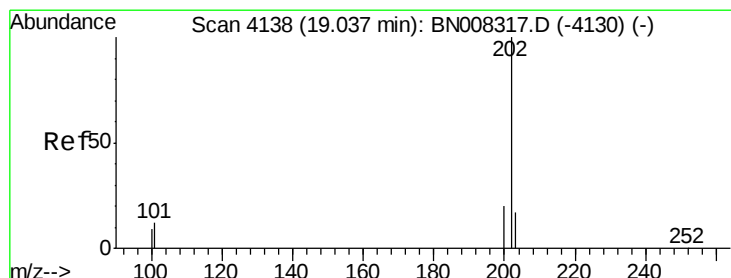
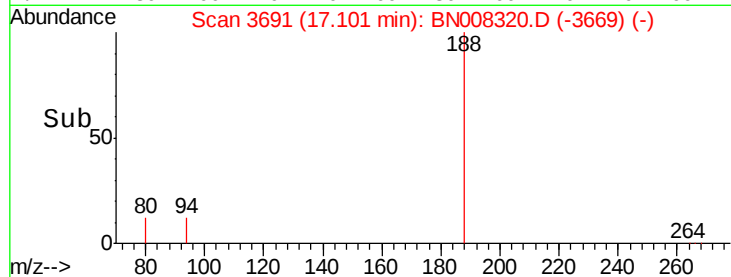
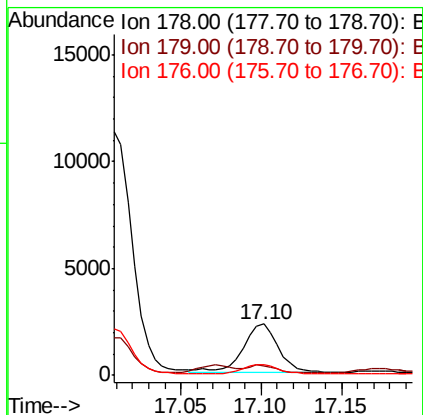
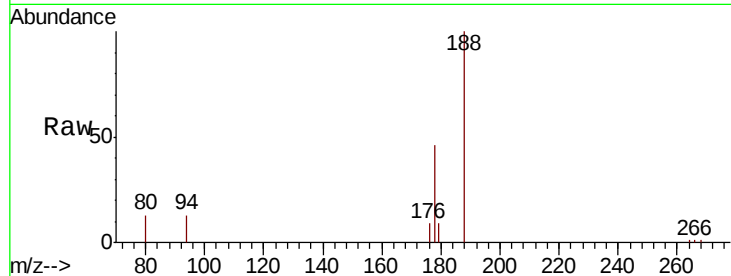
#13
 Anthracene
 Concen: 0.106 ng/ul
 RT: 17.10 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BN008320.D
 Acq: 22 Oct 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 BEPH2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.0	19.6
176	20.6	15.0	22.6

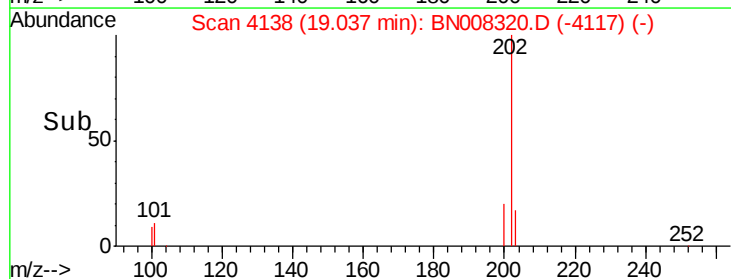
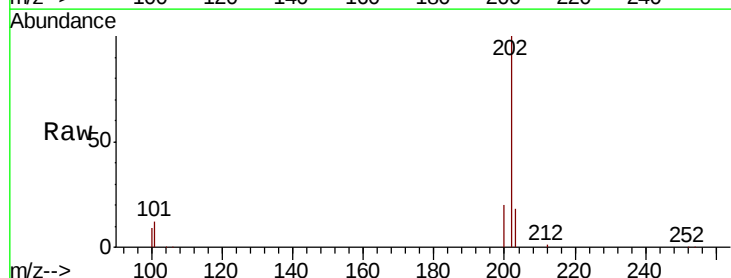
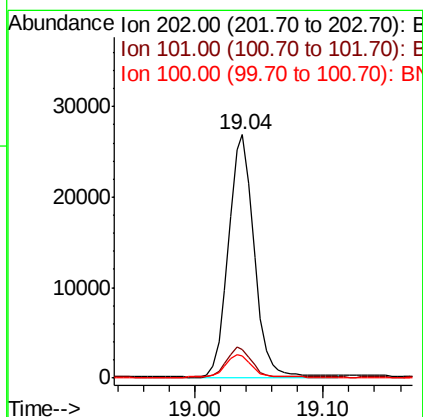
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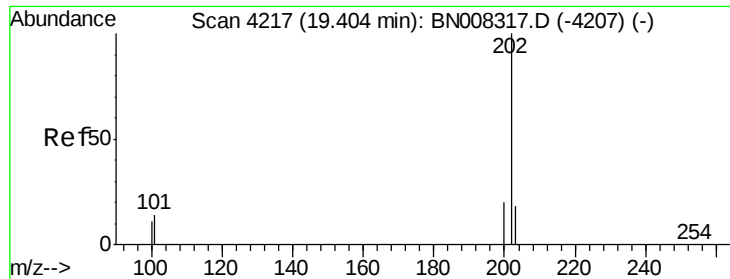
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#15
 Fluoranthene
 Concen: 0.761 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008320.D
 Acq: 22 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
100	8.9	0.0	28.5





#17

Pvrene

Concen: 0.784 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

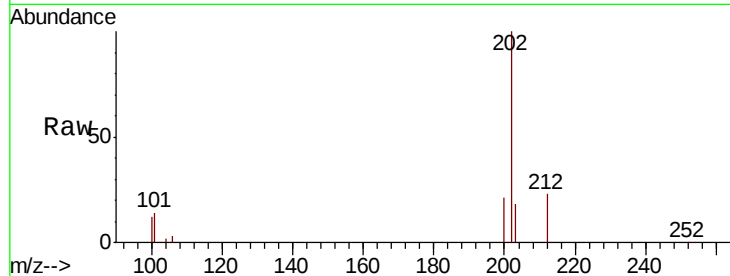
ClientSampleId :

BEPH2DL

Tot Ion:	202	Resp:	37966
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.9	16.3
100	11.8	8.7	13.1

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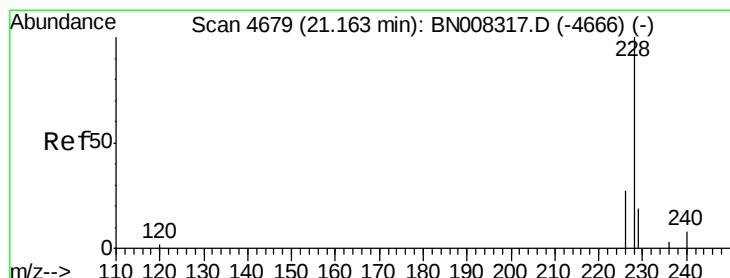
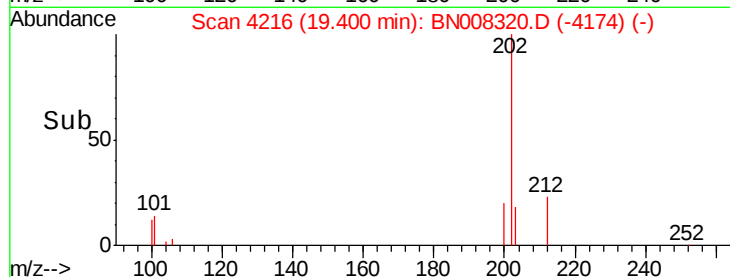
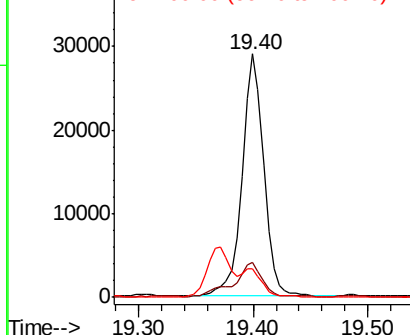


Abundance

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



#18

Benzo(a)anthracene

Concen: 0.465 ng/ul

RT: 21.16 min Scan# 4678

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

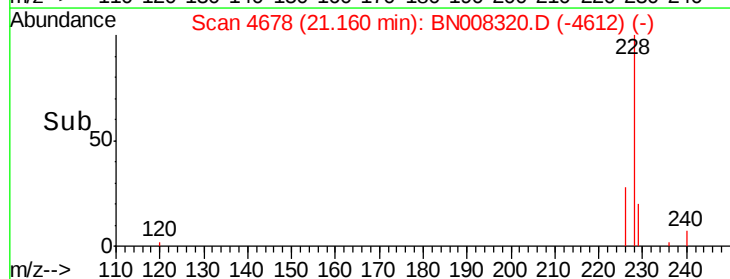
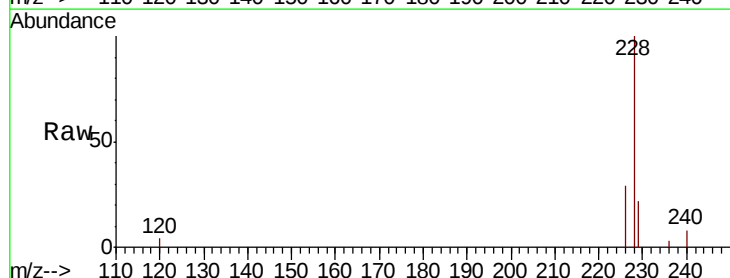
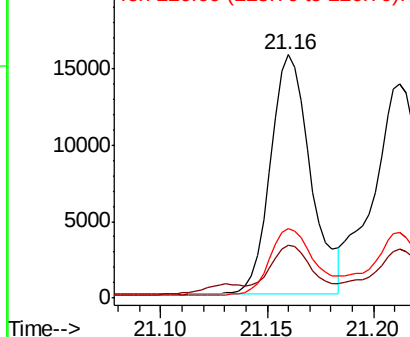
Tgt Ion:	228	Resp:	20544
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.2	24.2
226	28.7	21.4	32.0

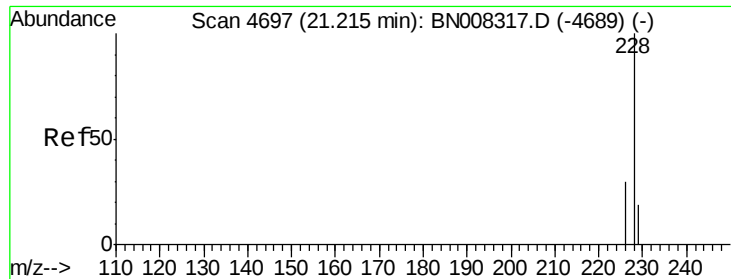
Abundance

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





#19

Chrysene

Concen: 0.415 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

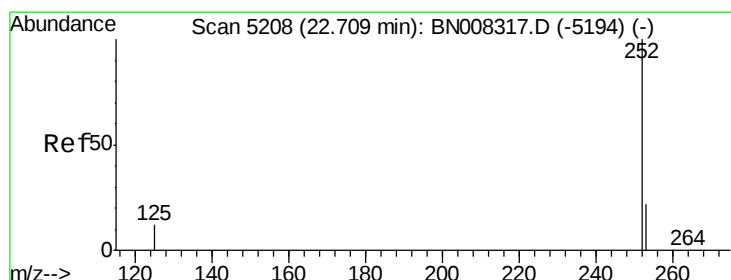
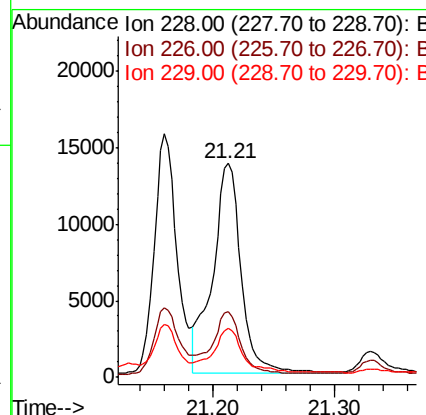
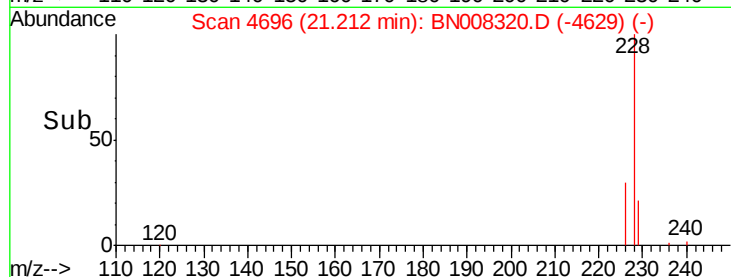
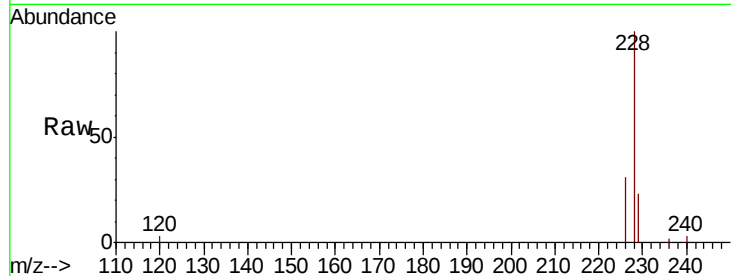
ClientSampleId :

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Tot Ion:	228	Resp:	22505
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.1	36.1
229	22.7	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.695 ng/ul m

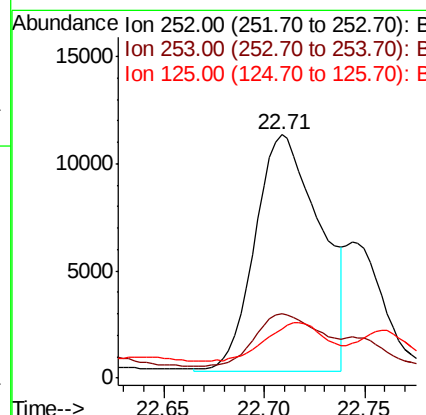
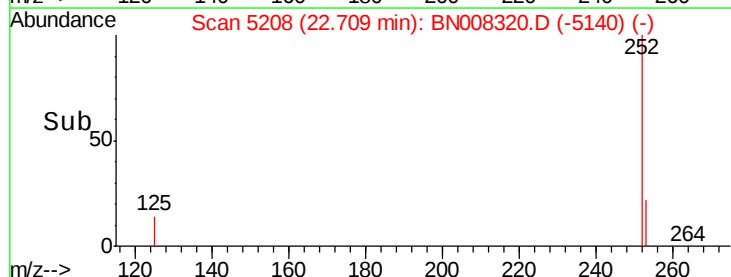
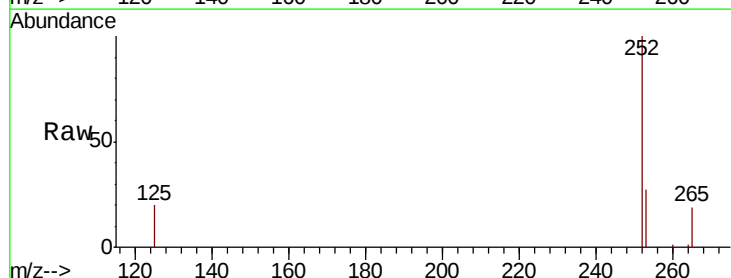
RT: 22.71 min Scan# 5208

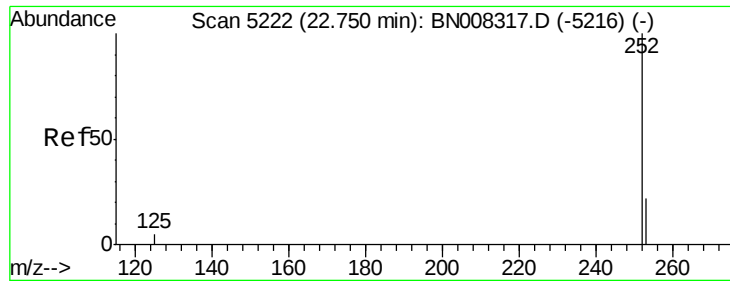
Delta R.T. 0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Tgt Ion:	252	Resp:	24762
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	53.4
125	20.4	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.176 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

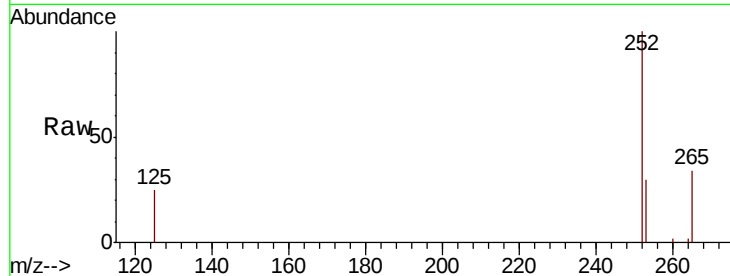
ClientSampleId :

BEPH2DL

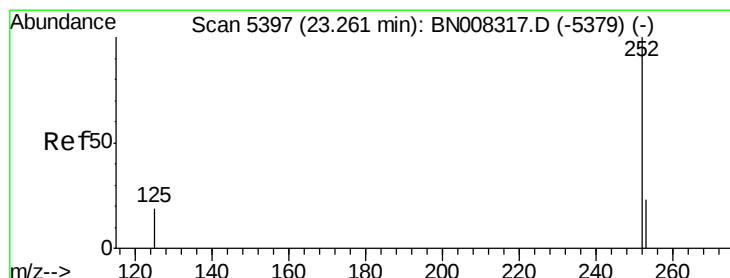
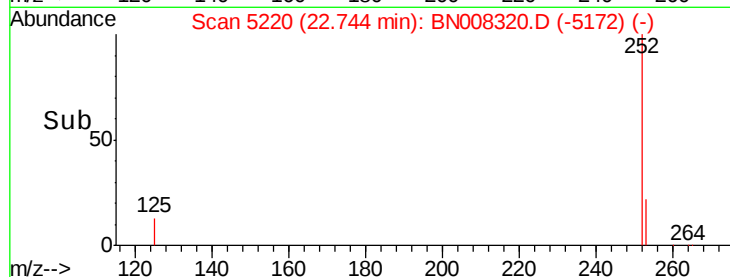
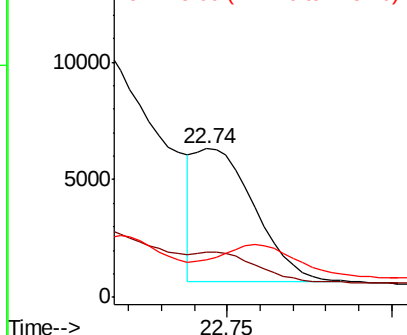
Tot Ion:	252	Resp:	7118
Ion Ratio	Lower	Upper	
252	100		
253	30.2	21.3	31.9
125	25.5	12.3	18.5#

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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



#23

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 23.26 min Scan# 5395

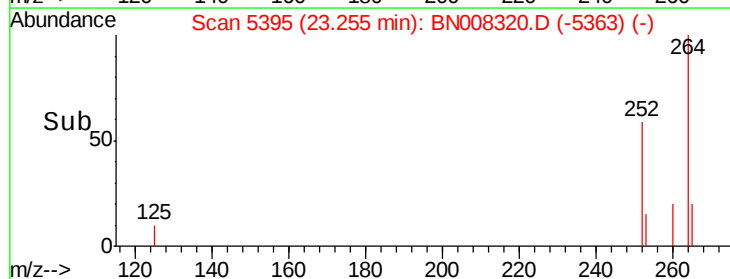
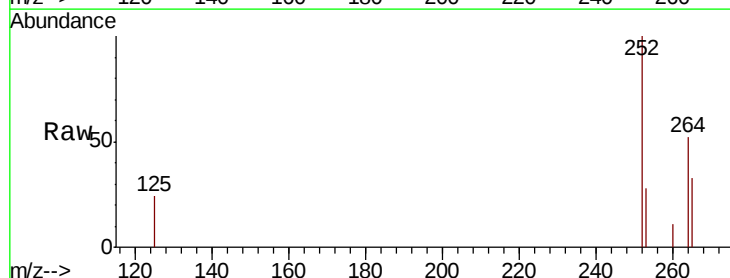
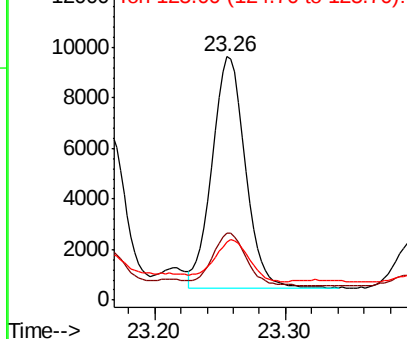
Delta R.T. -0.01 min

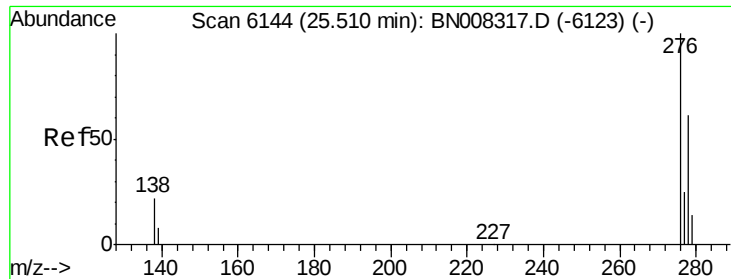
Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Tgt Ion:	252	Resp:	16093
Ion Ratio	Lower	Upper	
252	100		
253	27.8	22.8	34.2
125	23.9	18.4	27.6

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





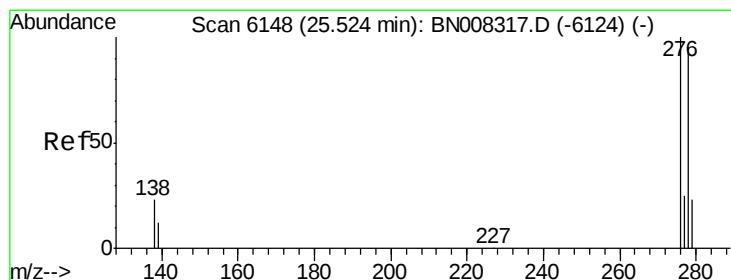
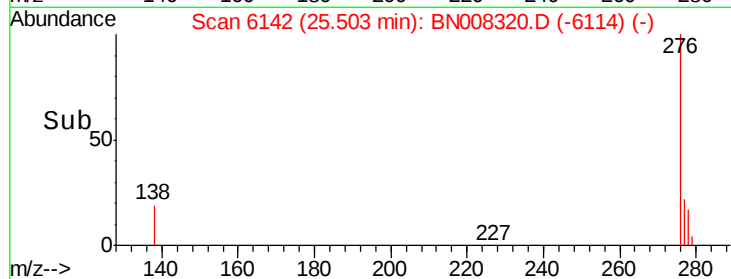
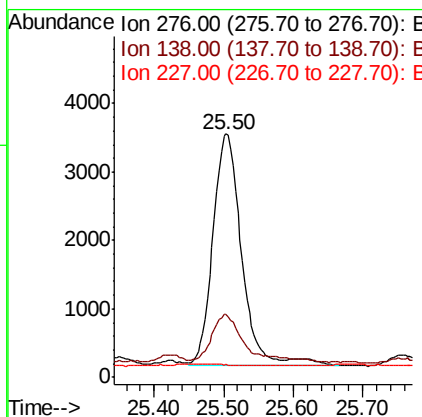
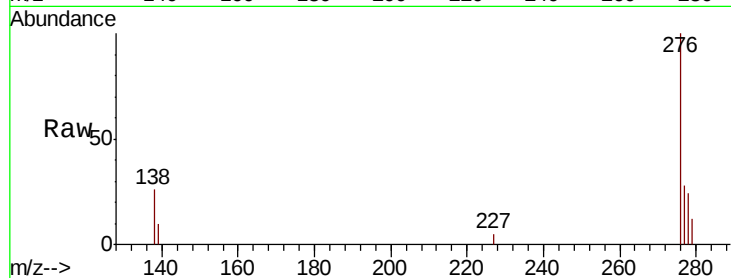
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.221 ng/ul
 RT: 25.50 min Scan# 6142
 Delta R.T. -0.01 min
 Lab File: BN008320.D
 Acq: 22 Oct 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 BEPH2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	16.1	24.1
227	0.0	0.2	0.2#

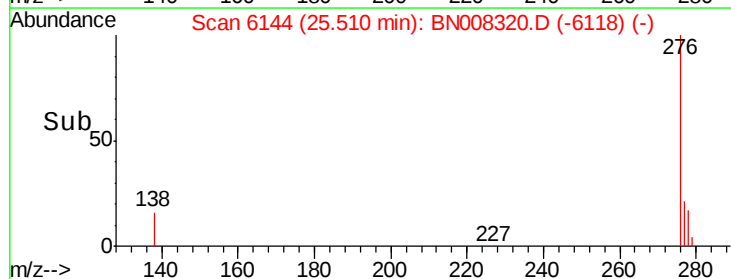
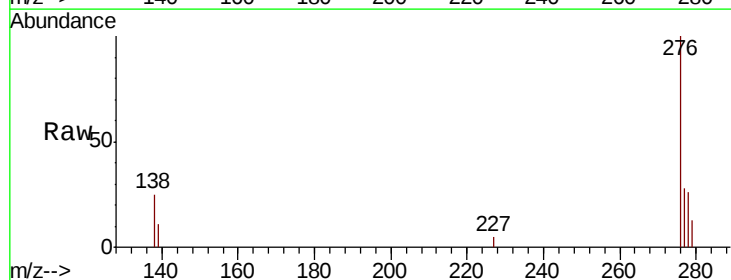
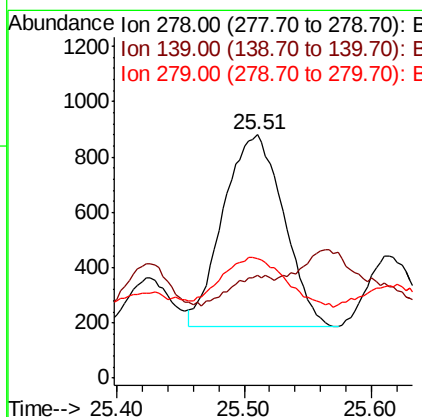
Manual Integrations
 APPROVED

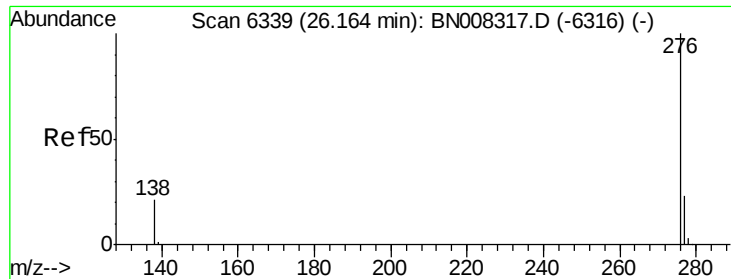
mohammad
 10/24/2019 8:05:17 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.065 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. -0.01 min
 Lab File: BN008320.D
 Acq: 22 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.0	15.0	22.6#
279	49.1	22.4	33.6#





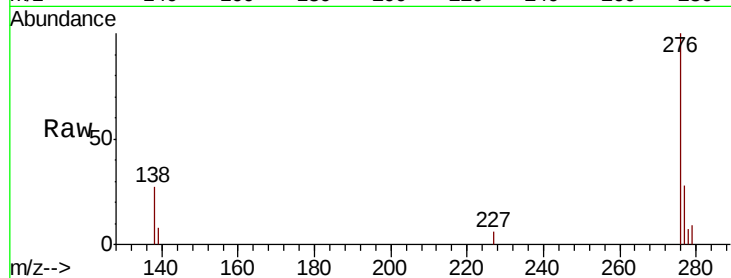
#26
 Benzo(a,h,i)perylene
 Concen: 0.199 ng/ul
 RT: 26.16 min Scan# 6338
 Delta R.T. -0.01 min
 Lab File: BN008320.D
 Acq: 22 Oct 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 BEPH2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	17.0	25.4#
277	27.7	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:17 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

