

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101919\
 Data File : BN008268.D
 Acq On : 19 Oct 2019 14:04
 Operator : JU
 Sample : K5177-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6DL

Manual Integrations
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mohammad
 10/22/2019 1:44:47 AM

Quant Time: Oct 21 15:16:46 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 : Sat Oct 19 22:25:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1980	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	9574	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6430	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14069	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14513	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	15521	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	437	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1507	0.03	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.95	152	875	0.029	ng/ul#	80
8) Acenaphthene	14.29	153	718	0.030	ng/ul	95
9) Fluorene	15.28	166	687	0.025	ng/ul#	95
12) Phenanthrene	17.02	178	14564	0.354	ng/ul	100
13) Anthracene	17.11	178	2537	0.070	ng/ul#	92
15) Fluoranthene	19.04	202	27702	0.509	ng/ul	97
17) Pyrene	19.40	202	33798	0.585	ng/ul	99
18) Benzo(a)anthracene	21.16	228	18070	0.342	ng/ul	97
19) Chrysene	21.22	228	19298	0.298	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	22141m	0.438	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	8606m	0.150	ng/ul	
23) Benzo(a)pyrene	23.26	252	15616	0.294	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.51	276	8946	0.143	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.51	278	2028	0.041	ng/ul#	65
26) Benzo(g,h,i)perylene	26.16	276	8556	0.149	ng/ul	95

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

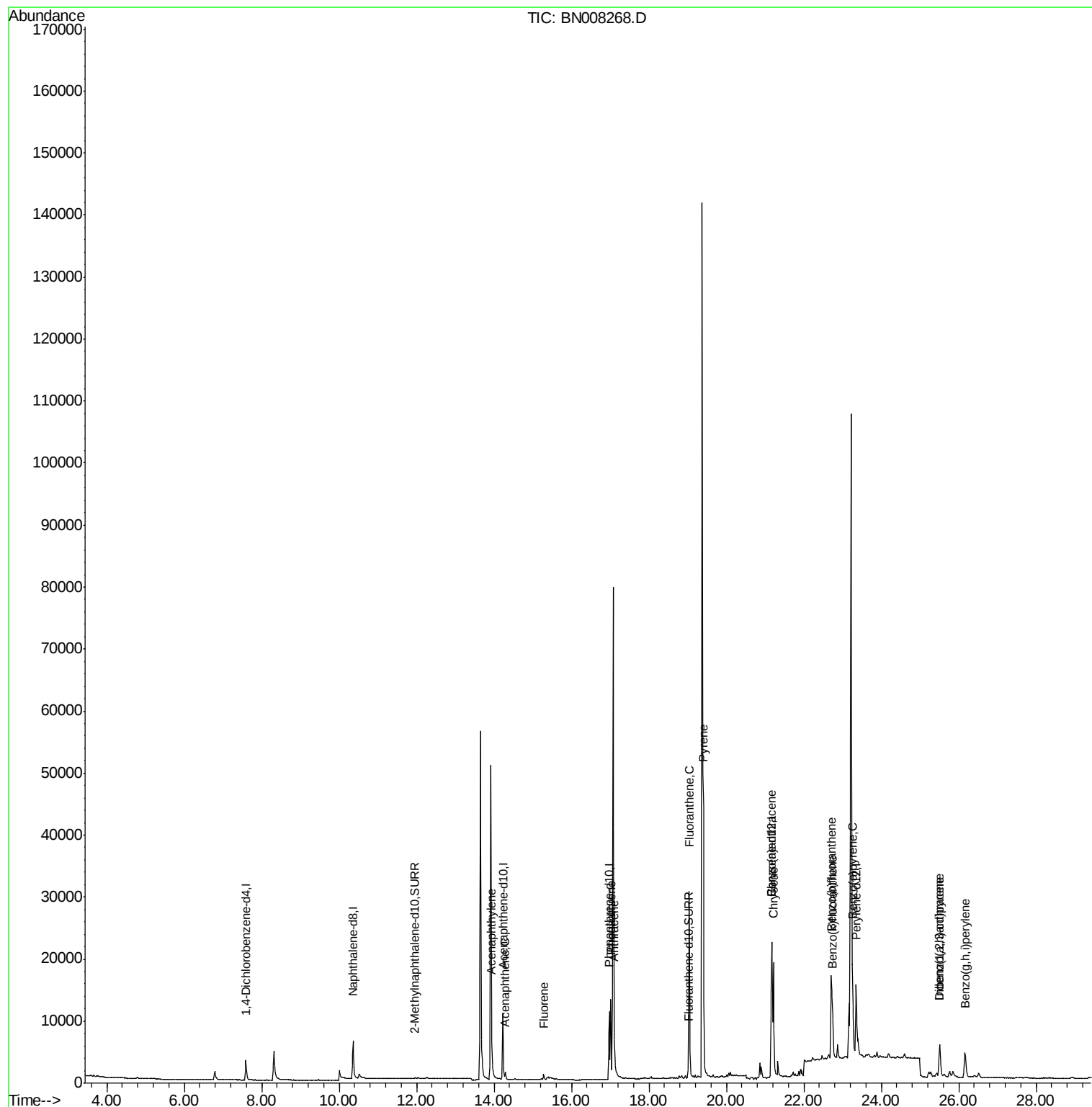
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101919\
Data File : BN008268.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

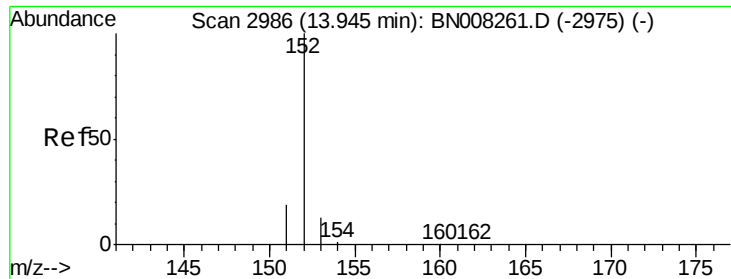
Instrument :
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BEPC6DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

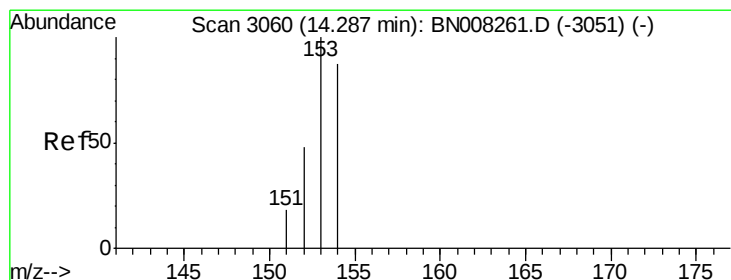
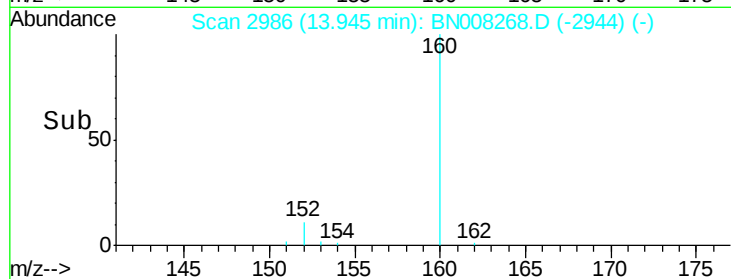
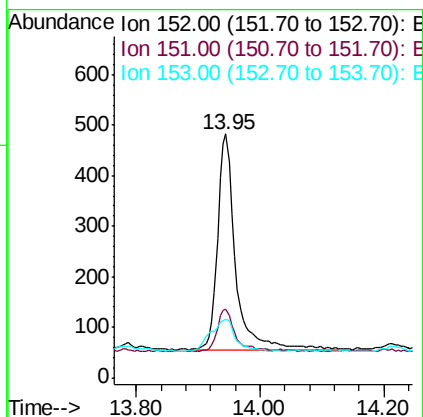
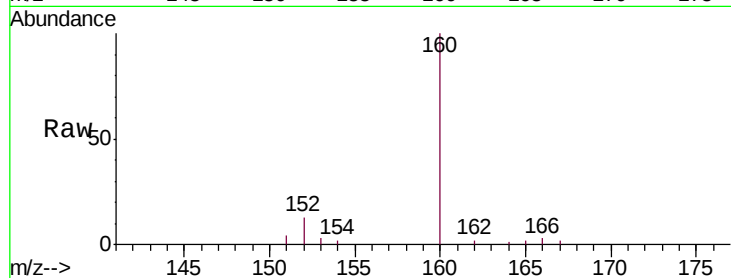
ClientSampleId :

BEPC6DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	28.2	16.2	24.4#
153	24.0	11.0	16.4#

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#8

Acenaphthene

Concen: 0.030 ng/ul

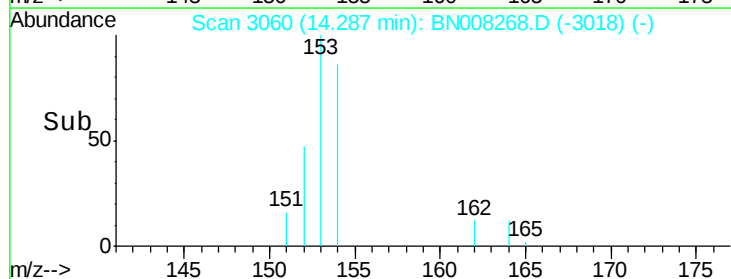
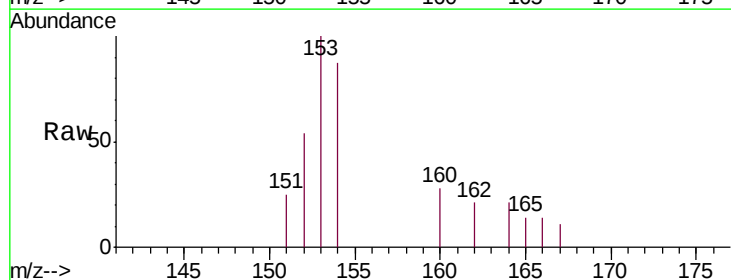
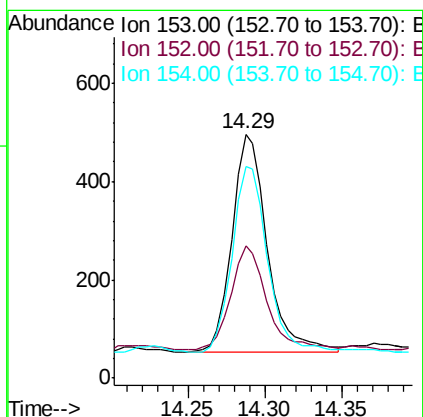
RT: 14.29 min Scan# 3060

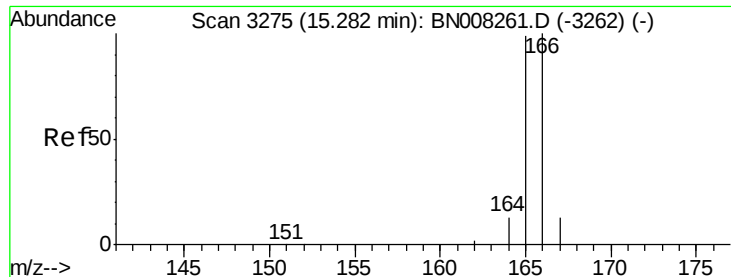
Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.0	38.2	57.2
154	86.9	71.8	107.8





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

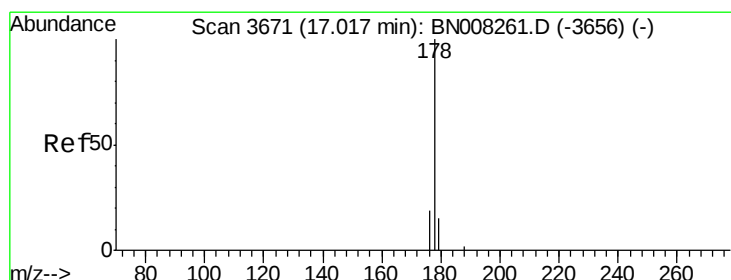
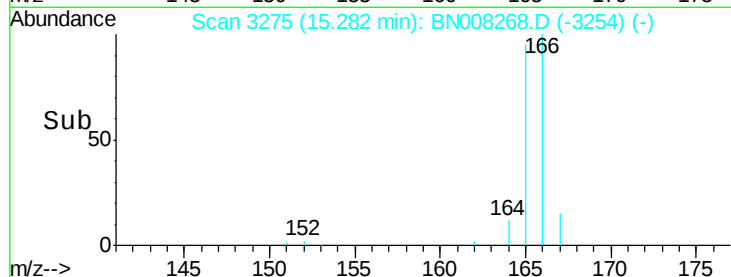
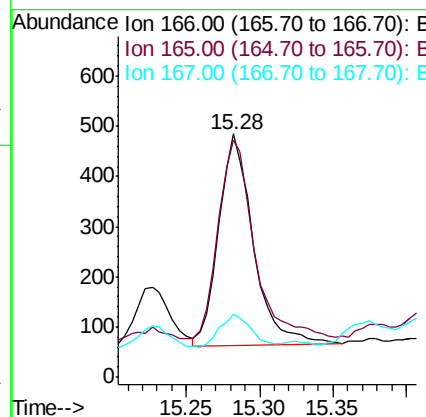
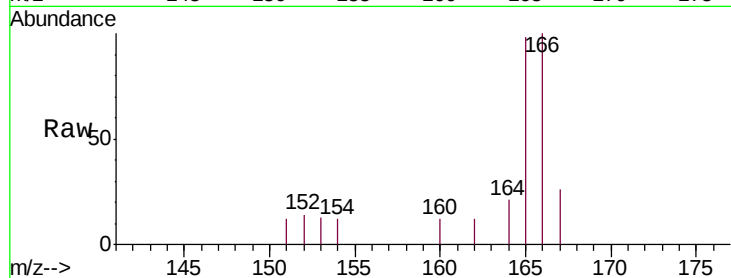
ClientSampleId :

BEPC6DL

Tgt Ion:	166	Resp:	687
Ion Ratio	Lower	Upper	
166	100		
165	97.5	76.6	115.0
167	25.8	11.7	17.5#

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#12

Phenanthrene

Concen: 0.354 ng/ul

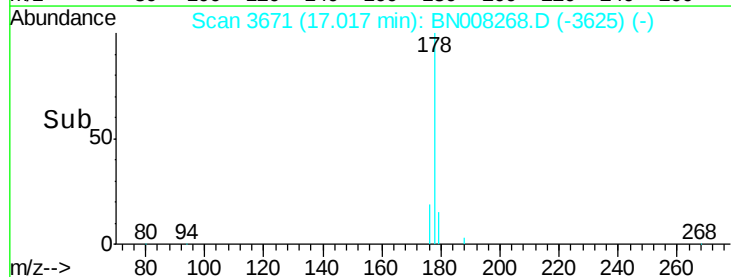
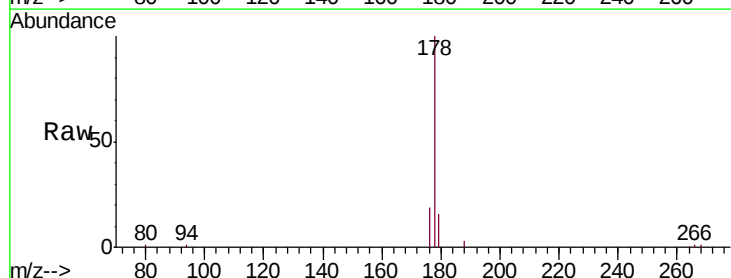
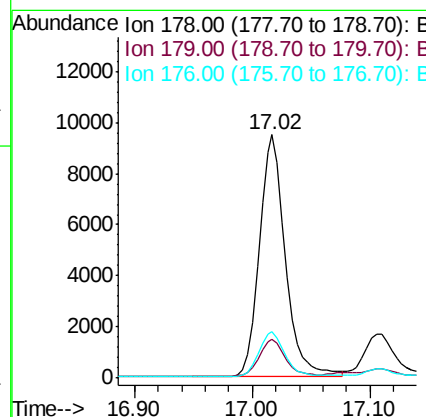
RT: 17.02 min Scan# 3671

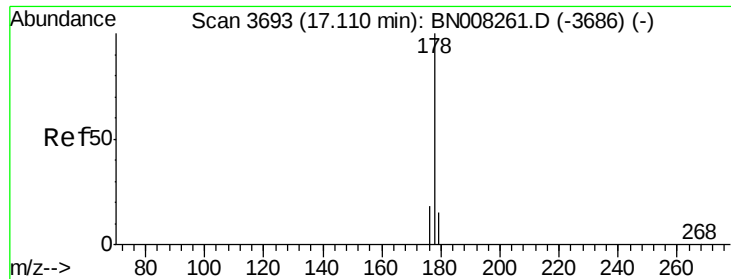
Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Tgt Ion:	178	Resp:	14564
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.3	15.4	23.2





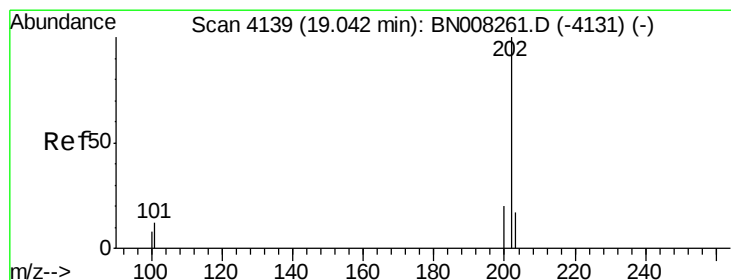
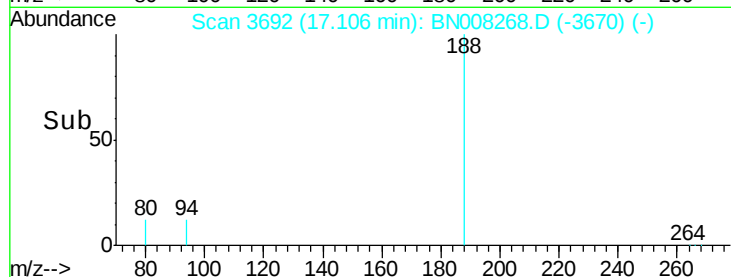
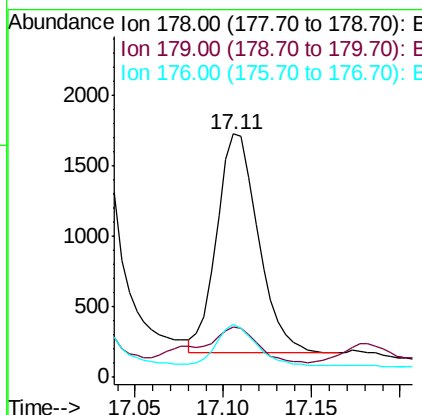
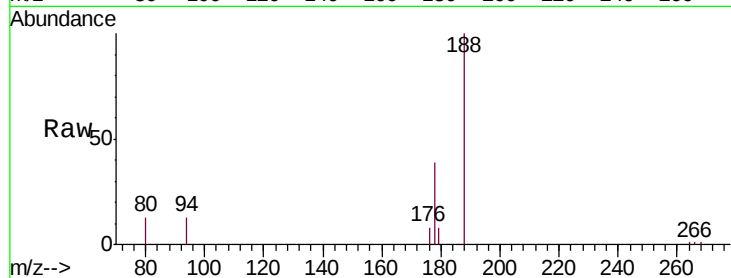
#13
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.01 min
 Lab File: BN008268.D
 Acq: 19 Oct 2019 14:04

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.0	19.6#
176	21.5	15.0	22.6

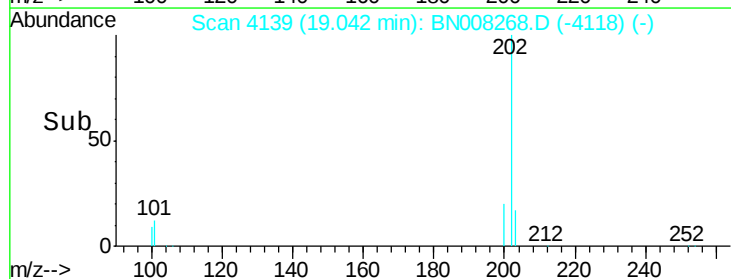
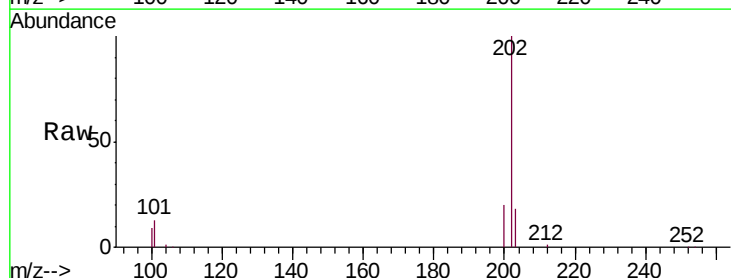
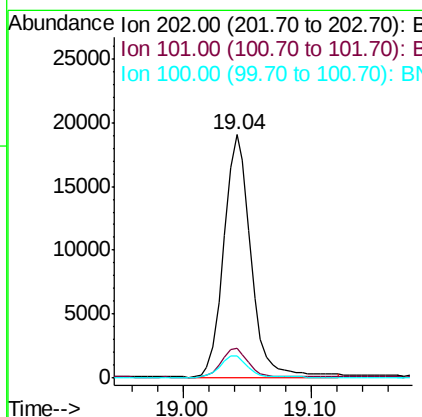
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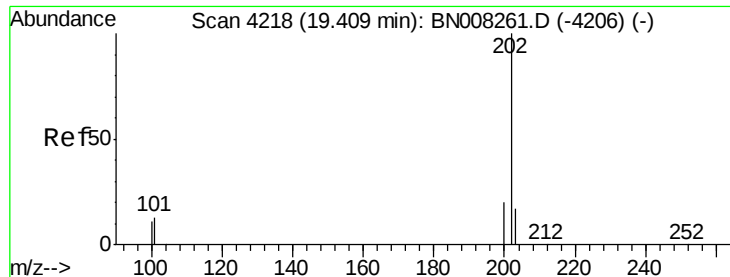
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#15
 Fluoranthene
 Concen: 0.509 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. -0.00 min
 Lab File: BN008268.D
 Acq: 19 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.2
100	9.4	0.0	28.5





#17

Pyrene

Concen: 0.585 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. -0.00 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

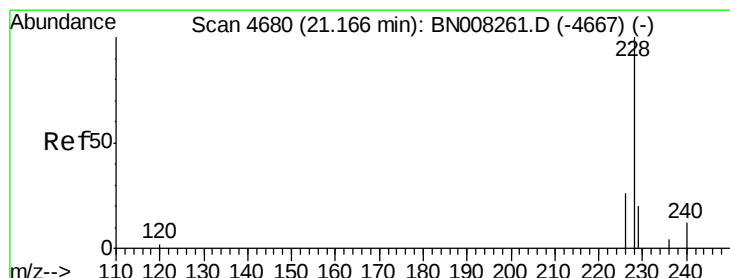
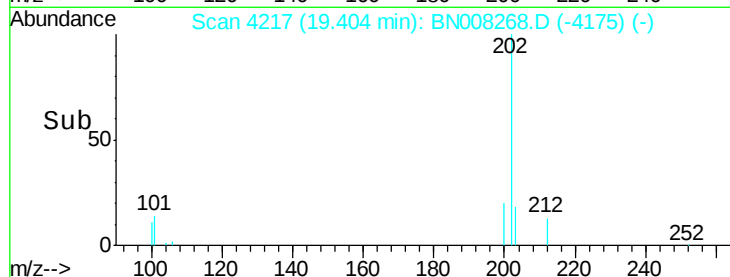
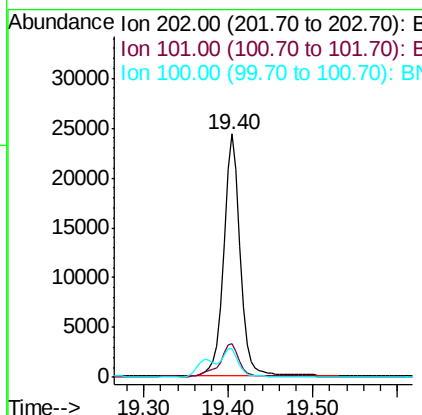
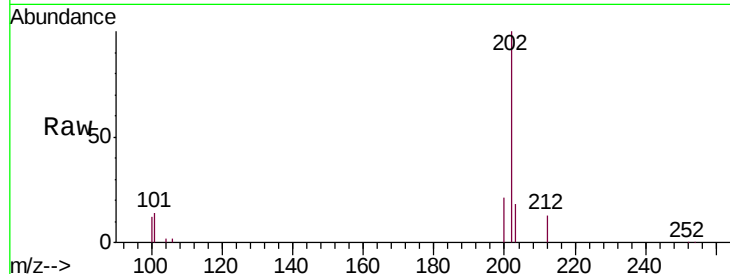
ClientSampleId :

BEPC6DL

Tgt Ion:	202	Resp:	33798
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.9	16.3
100	11.6	8.7	13.1

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#18

Benzo(a)anthracene

Concen: 0.342 ng/ul

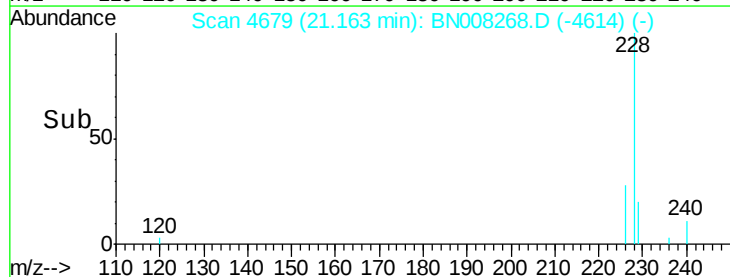
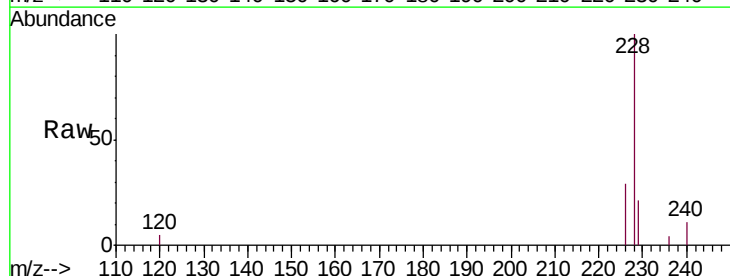
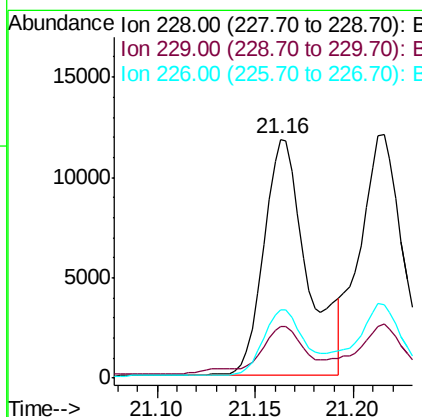
RT: 21.16 min Scan# 4679

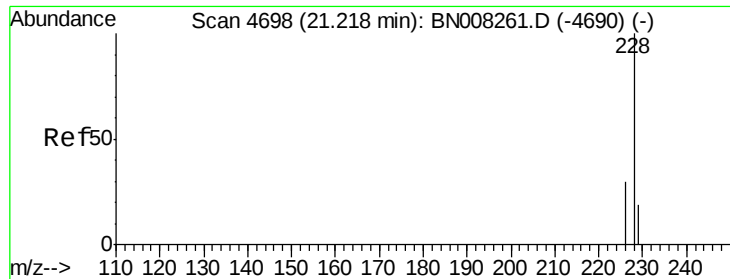
Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Tgt Ion:	228	Resp:	18070
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.2	24.2
226	28.5	21.4	32.0





#19

Chrysene

Concen: 0.298 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

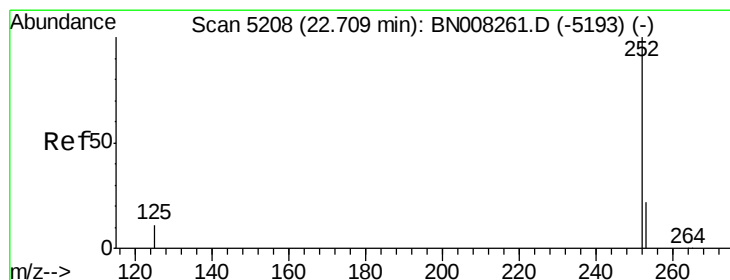
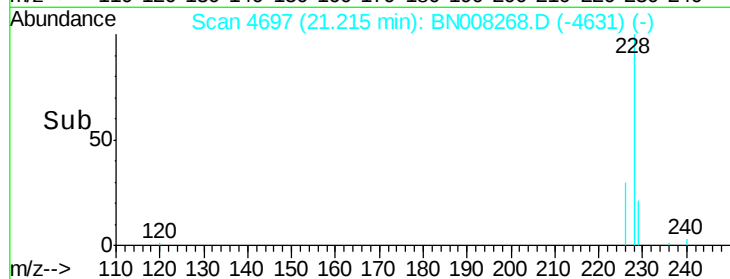
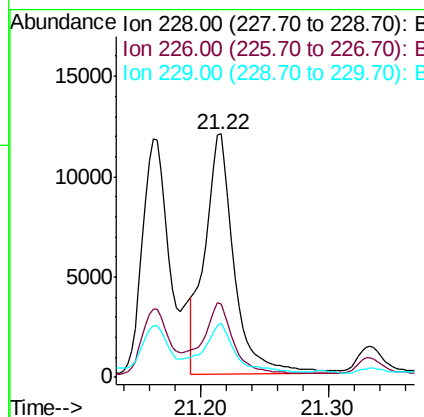
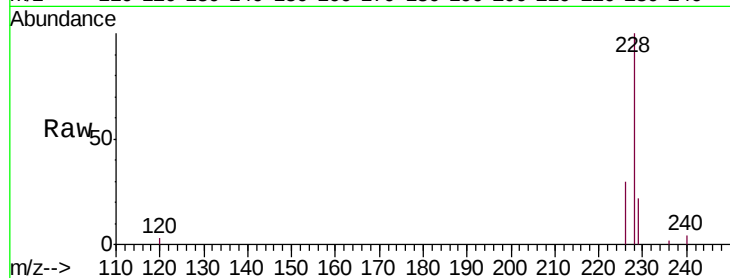
ClientSampleId :

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Tgt Ion:	228	Resp:	19298
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	22.1	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.438 ng/ul m

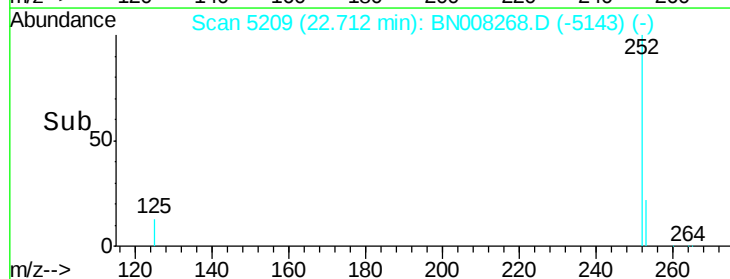
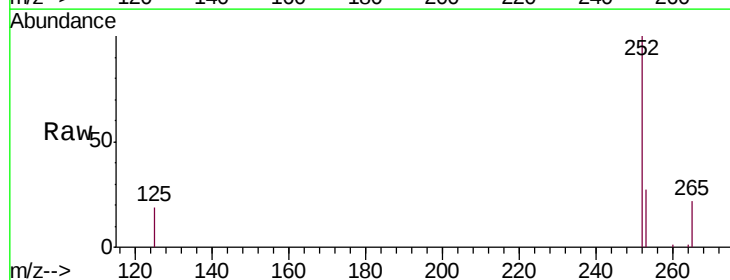
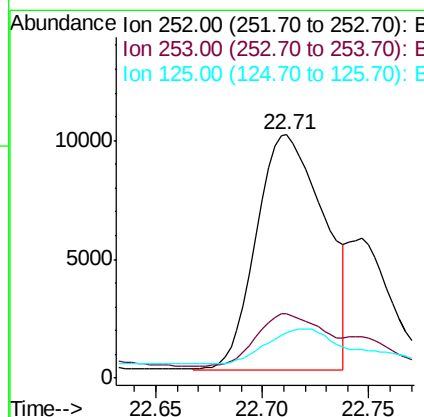
RT: 22.71 min Scan# 5209

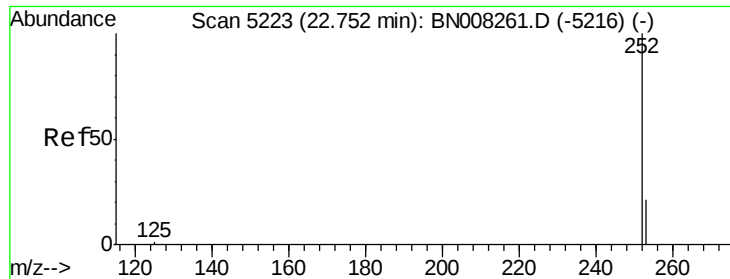
Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Tgt Ion:	252	Resp:	22141
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	53.4
125	18.5	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.150 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

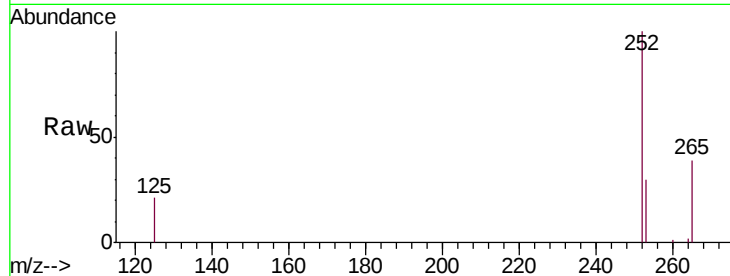
ClientSampleId :

BEPC6DL

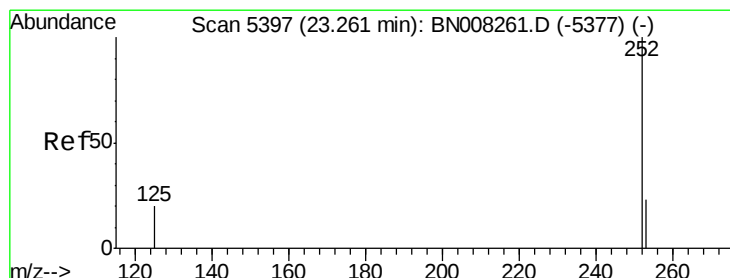
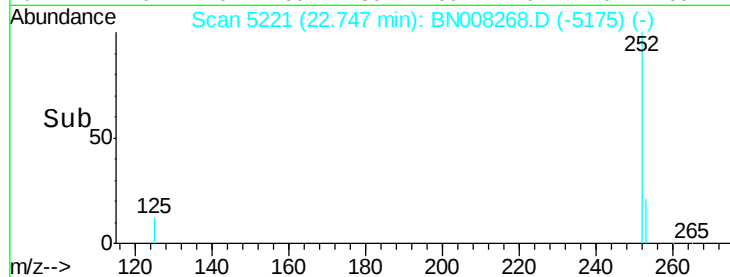
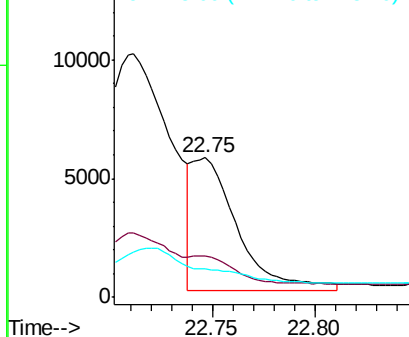
Tgt Ion:	252	Resp:	8606
Ion Ratio	Lower	Upper	
252	100		
253	29.8	21.3	31.9
125	20.7	12.3	18.5#

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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: 0.294 ng/ul

RT: 23.26 min Scan# 5396

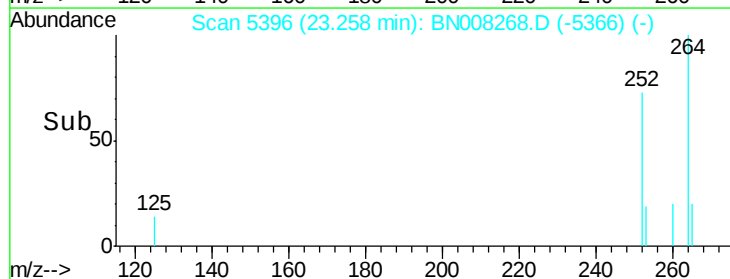
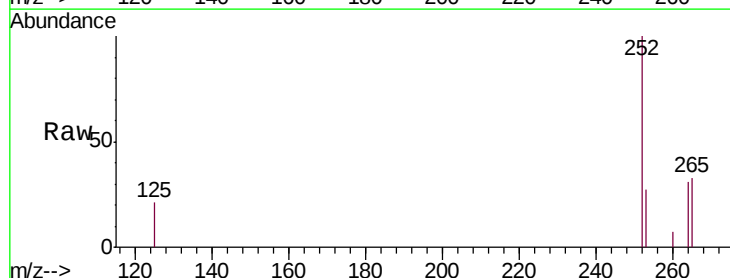
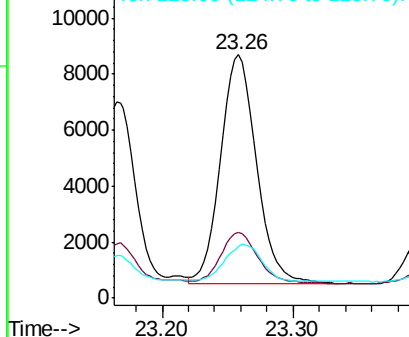
Delta R.T. -0.01 min

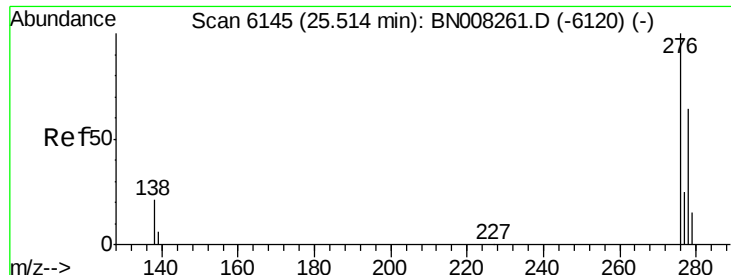
Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

Tgt Ion:	252	Resp:	15616
Ion Ratio	Lower	Upper	
252	100		
253	27.2	22.8	34.2
125	21.1	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: 0.143 ng/ul

RT: 25.51 min Scan# 6144

Delta R.T. -0.02 min

Lab File: BN008268.D

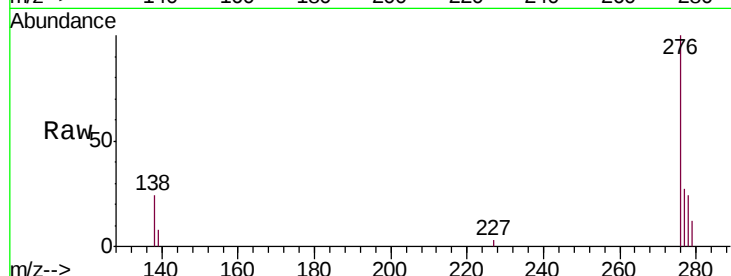
Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

ClientSampleId :

BEPC6DL



Tgt Ion: 276 Resp: 8946

Ion Ratio Lower Upper

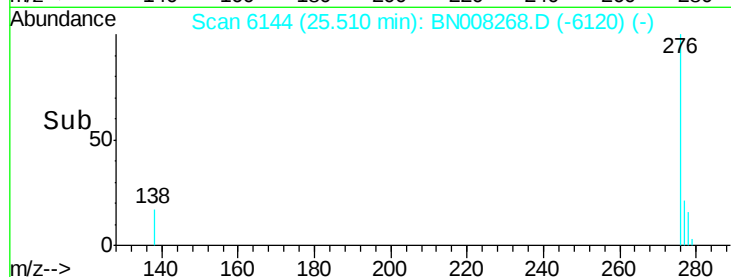
276 100

138 21.2 16.1 24.1

227 0.0 0.2 0.2#

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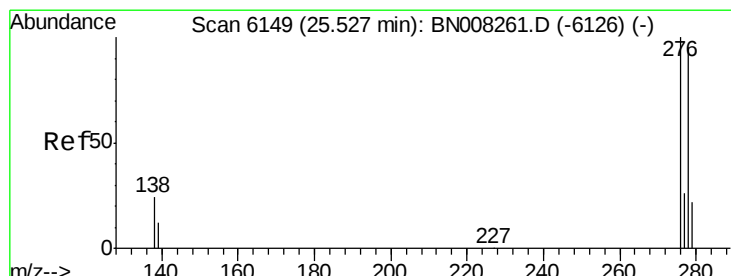
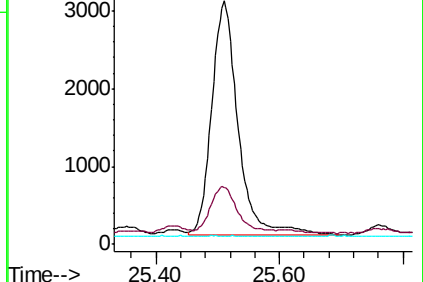
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.041 ng/ul

RT: 25.51 min Scan# 6145

Delta R.T. -0.03 min

Lab File: BN008268.D

Acq: 19 Oct 2019 14:04

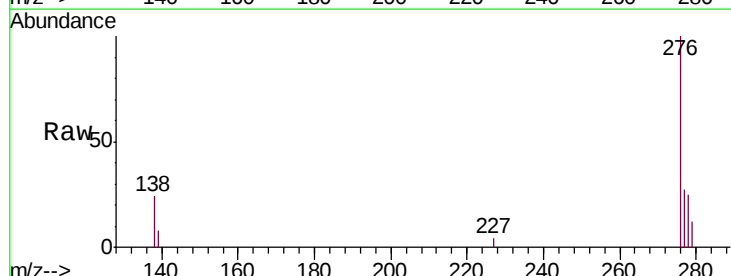
Tgt Ion: 278 Resp: 2028

Ion Ratio Lower Upper

278 100

139 32.6 15.0 22.6#

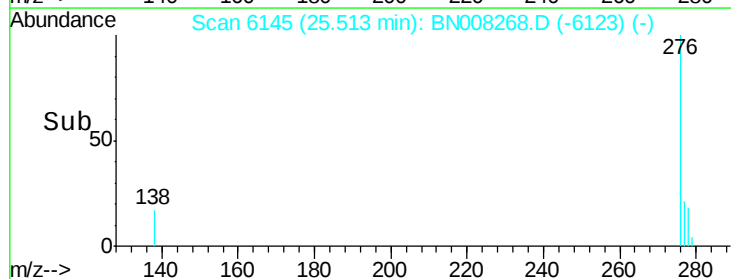
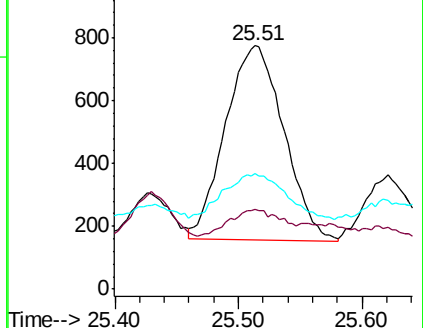
279 47.7 22.4 33.6#

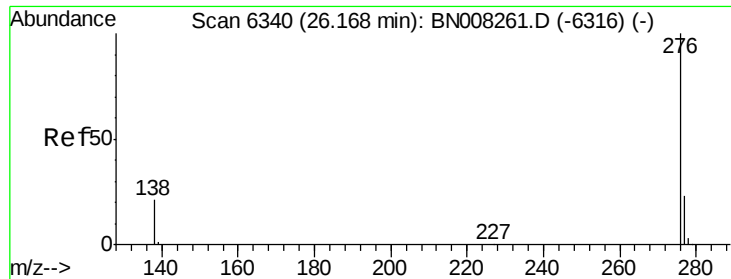


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.149 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.02 min

Lab File: BN008268.D

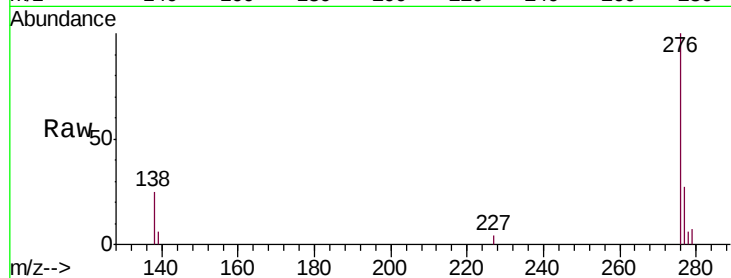
Acq: 19 Oct 2019 14:04

Instrument :

BNA_N

ClientSampleId :

BEPC6DL



Tgt Ion: 276 Resp: 8556

Ion Ratio Lower Upper

276 100

138 24.9 17.0 25.4

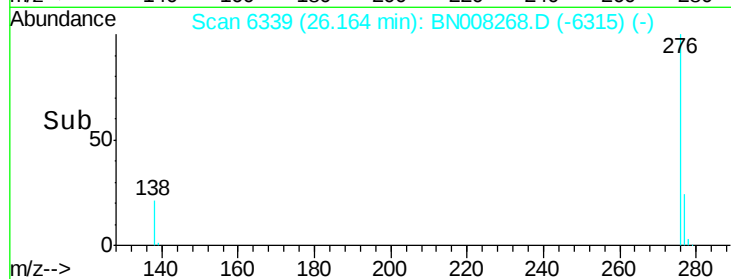
277 27.0 20.4 30.6

Manual Integrations

APPROVED

mohammad

10/22/2019 1:44:47 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

