

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008284.D
 Acq On : 21 Oct 2019 15:48
 Operator : JU
 Sample : K5199-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP80

Manual Integrations
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Quant Time: Oct 21 18:38:39 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 16:47:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1412	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	6789	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	4258	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	9581m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	9127	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	11559	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3582	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10695	0.32	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.01	178	1994	0.071	ng/ul#	93
15) Fluoranthene	19.04	202	4177	0.113	ng/ul	95
17) Pyrene	19.40	202	3477	0.096	ng/ul#	88
18) Benzo(a)anthracene	21.16	228	1908	0.057	ng/ul#	88
19) Chrysene	21.22	228	2108	0.052	ng/ul#	91
21) Benzo(b)fluoranthene	22.71	252	2879m	0.077	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	1123m	0.026	ng/ul	
23) Benzo(a)pyrene	23.26	252	1731	0.044	ng/ul#	20
24) Indeno(1,2,3-cd)pyrene	25.51	276	1042	0.022	ng/ul	92
26) Benzo(g,h,i)perylene	26.17	276	865	0.020	ng/ul#	51

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

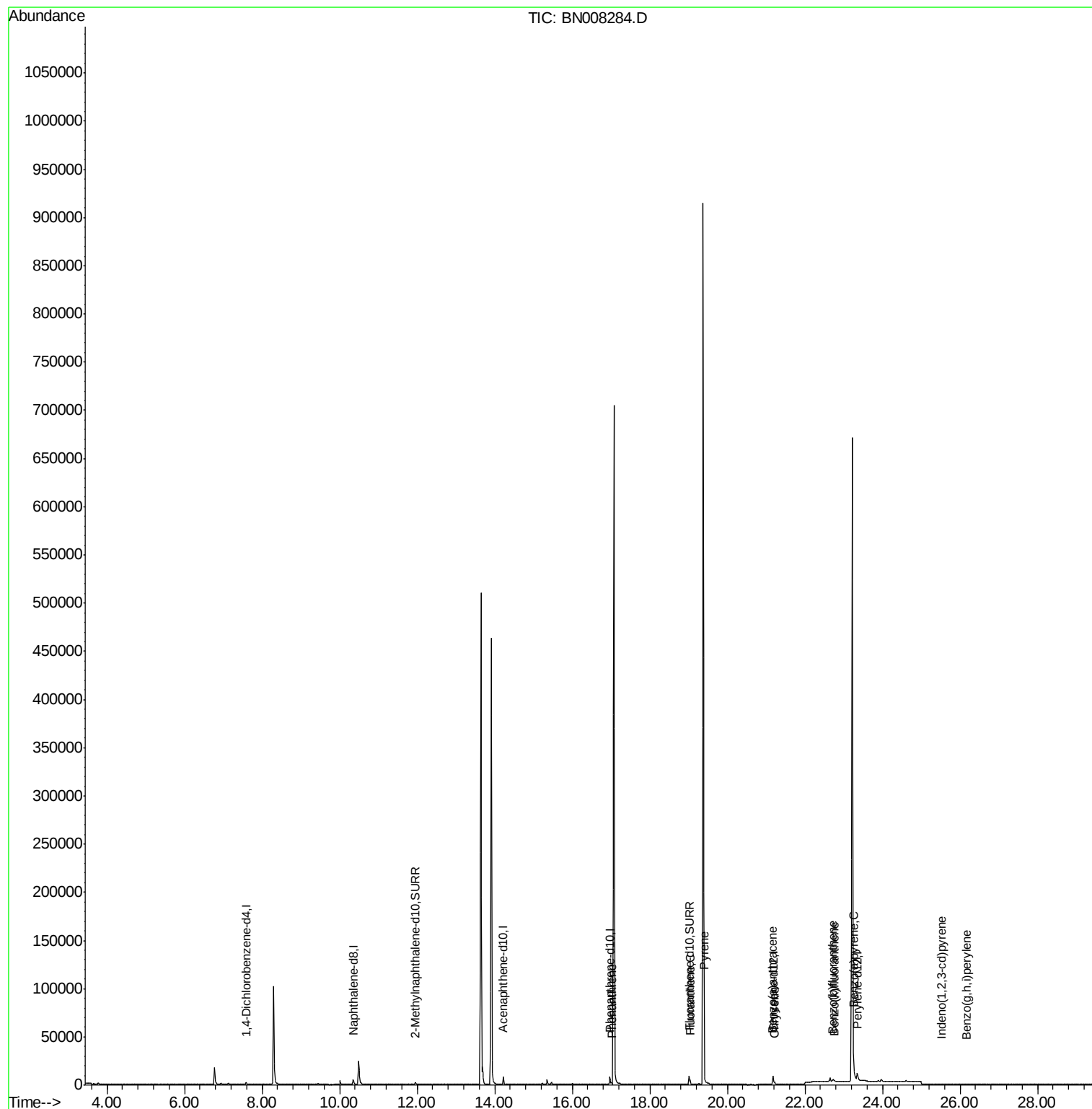
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ALS Vial : 13 Sample Multiplier: 1

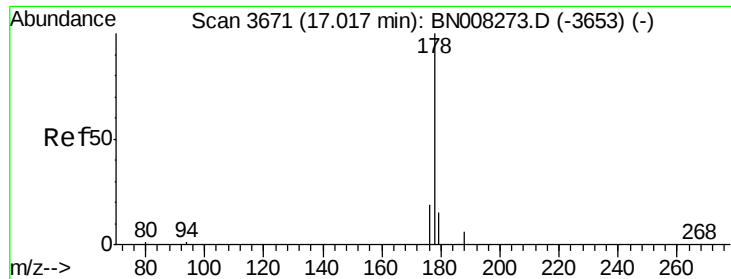
Instrument :
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QLast Update : Mon Oct 21 16:47:07 2019
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#12

Phenanthrene

Concen: 0.071 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008284.D

Acq: 21 Oct 2019 15:48

Instrument :

BNA_N

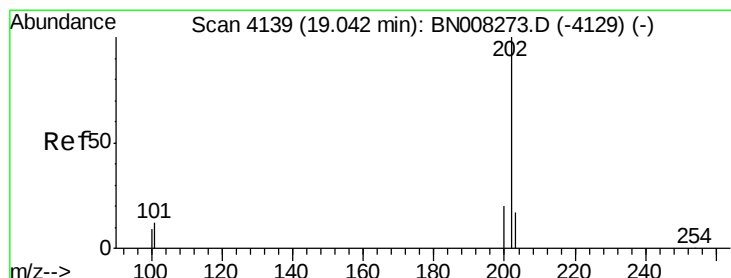
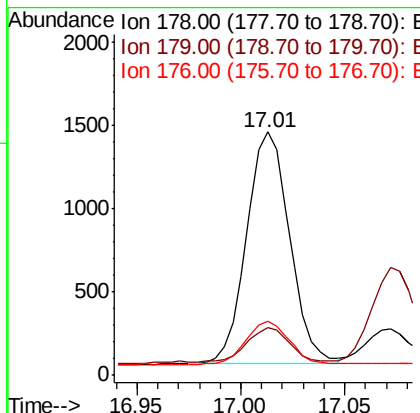
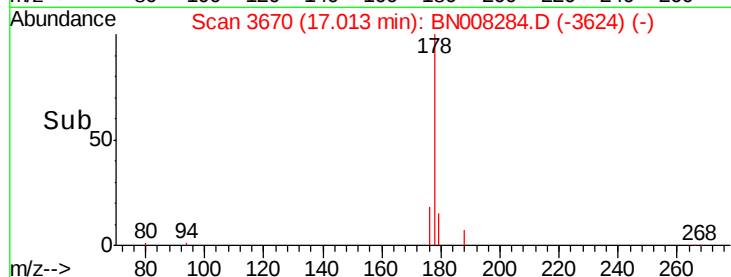
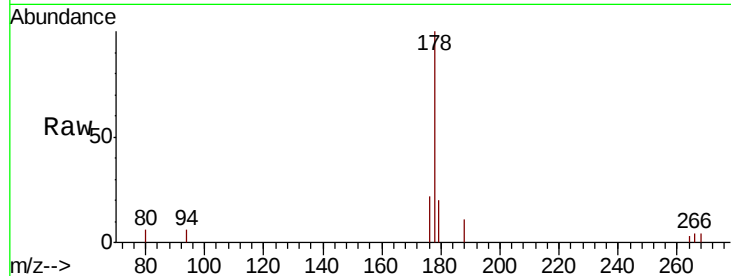
ClientSampleId :

BEP80

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.8	19.2#
176	22.0	15.4	23.2

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#15

Fluoranthene

Concen: 0.113 ng/ul

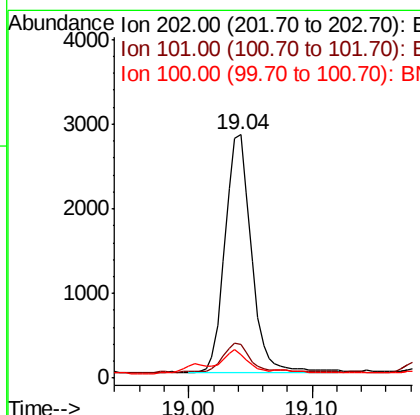
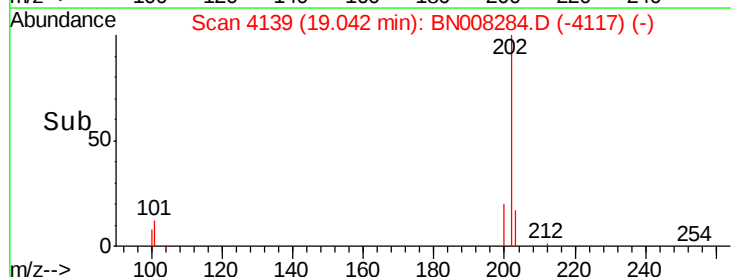
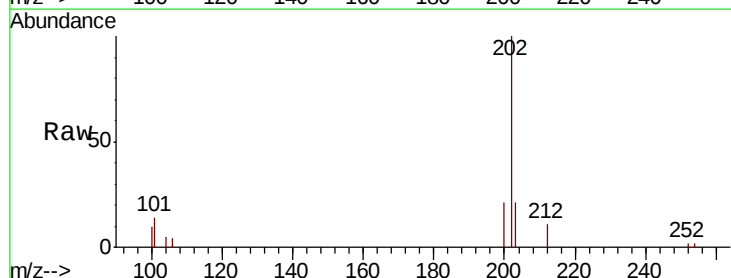
RT: 19.04 min Scan# 4139

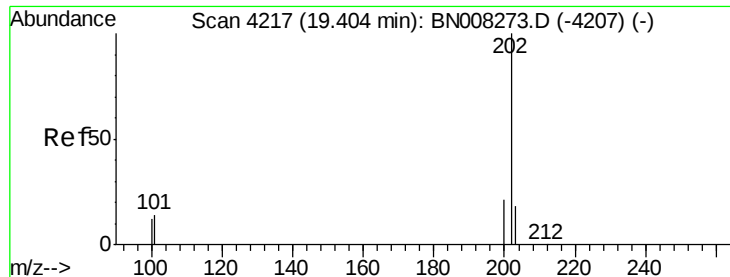
Delta R.T. 0.00 min

Lab File: BN008284.D

Acq: 21 Oct 2019 15:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.2
100	9.9	0.0	28.5





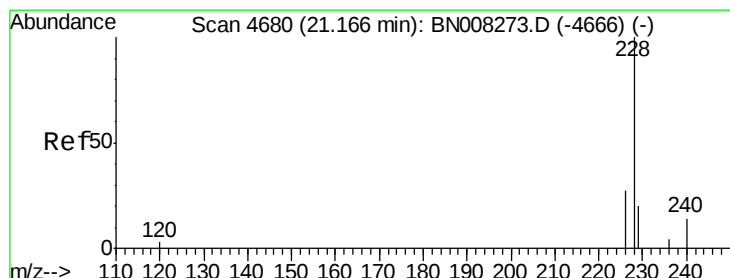
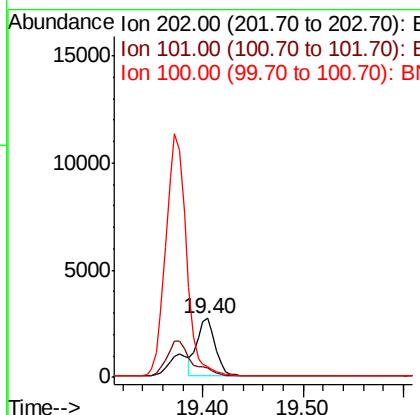
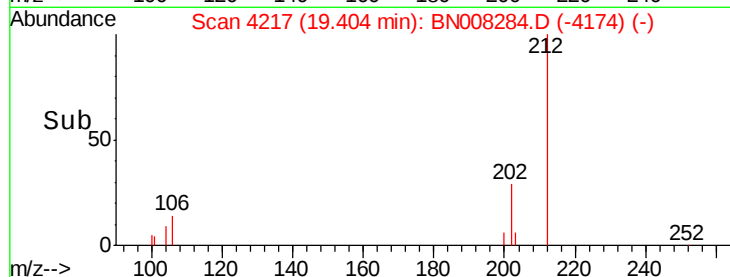
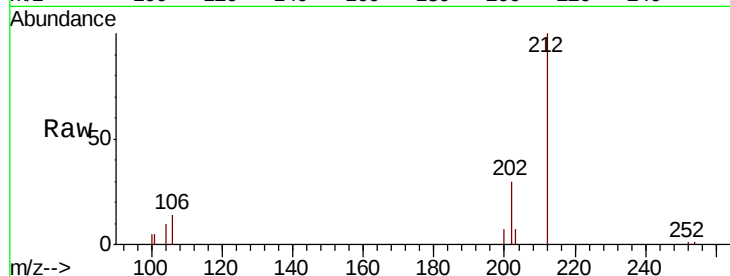
#17
Pvrene
Concen: 0.096 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008284.D
Acq: 21 Oct 2019 15:48

Instrument :
BNA_N
ClientSampled :
BEP80

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.3	10.9	16.3#
100	17.5	8.7	13.1#

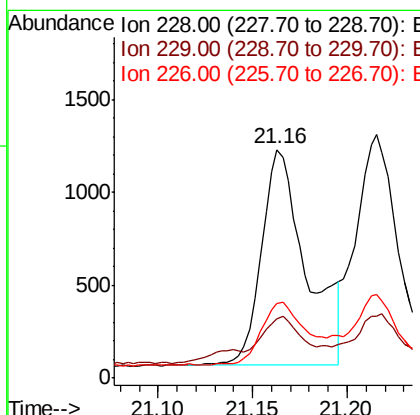
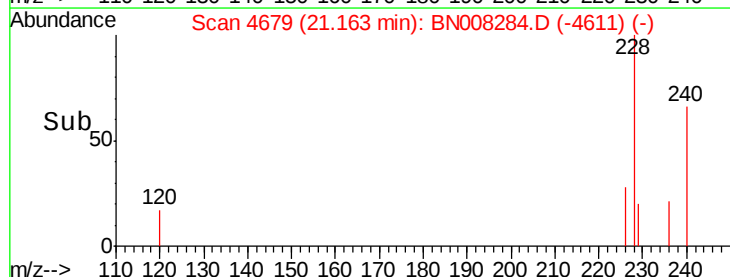
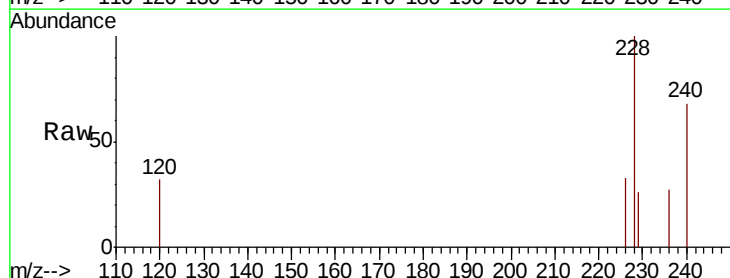
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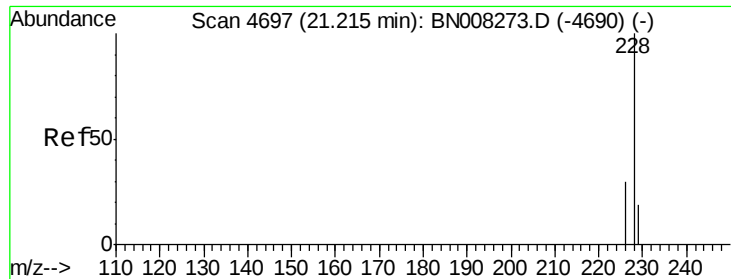
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#18
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008284.D
Acq: 21 Oct 2019 15:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.1	16.2	24.2#
226	32.8	21.4	32.0#





#19

Chrysene

Concen: 0.052 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008284.D

Acq: 21 Oct 2019 15:48

Instrument :

BNA_N

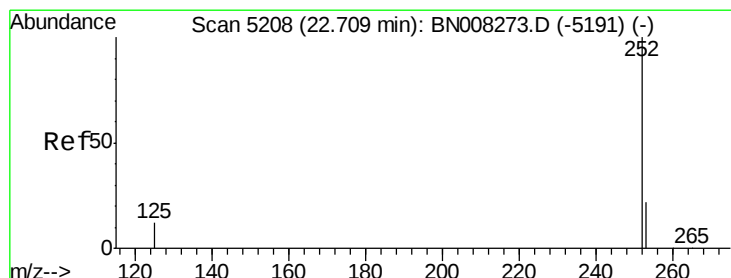
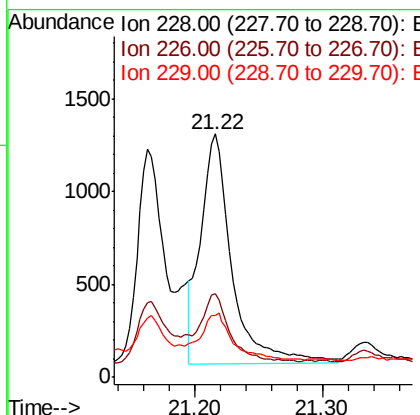
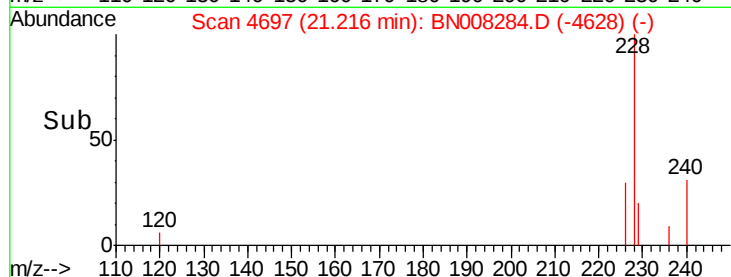
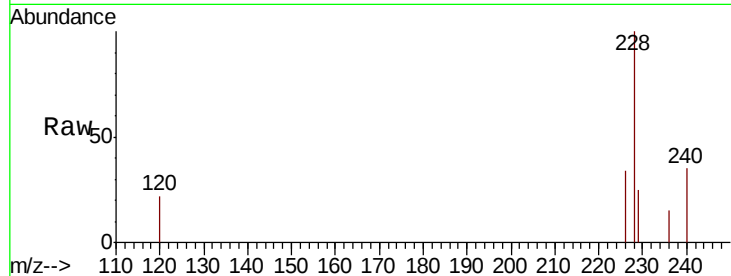
ClientSampleId :

BEP80

Tot Ion:	228	Resp:	2108
Ion Ratio	Lower	Upper	
228	100		
226	34.1	24.1	36.1
229	25.5	16.2	24.2#

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#21

Benzo(b)fluoranthene

Concen: 0.077 ng/ul m

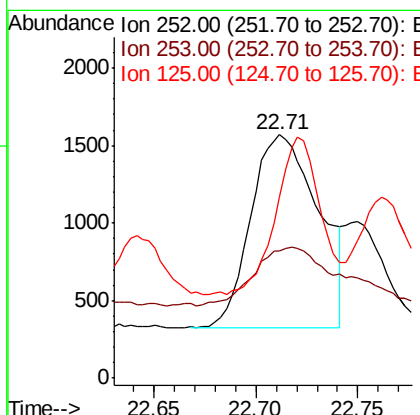
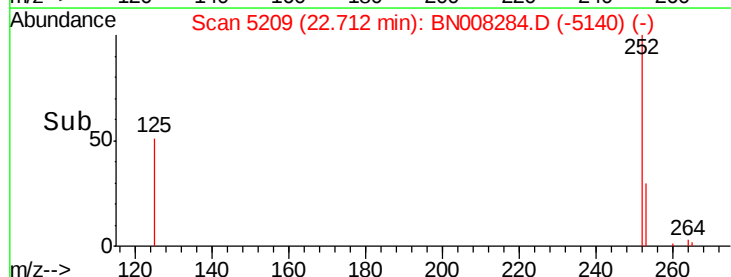
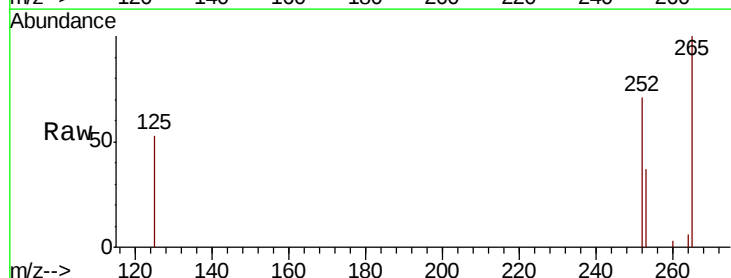
RT: 22.71 min Scan# 5209

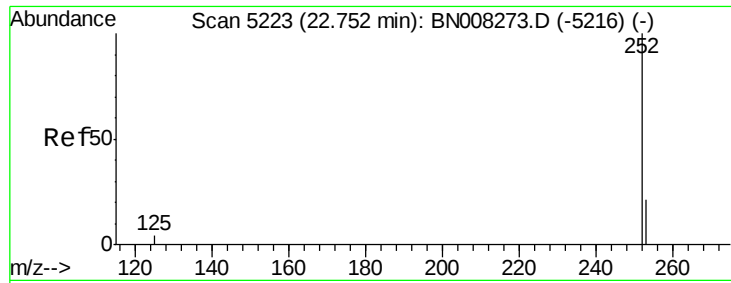
Delta R.T. 0.00 min

Lab File: BN008284.D

Acq: 21 Oct 2019 15:48

Tgt Ion:	252	Resp:	2879
Ion Ratio	Lower	Upper	
252	100		
253	52.5	0.0	53.4
125	74.3	0.0	32.4#





#22

Benzo(k)fluoranthene

Concen: 0.026 ng/ul m

RT: 22.75 min Scan# 5222

Delta R.T. -0.00 min

Lab File: BN008284.D

Acq: 21 Oct 2019 15:48

Instrument :

BNA_N

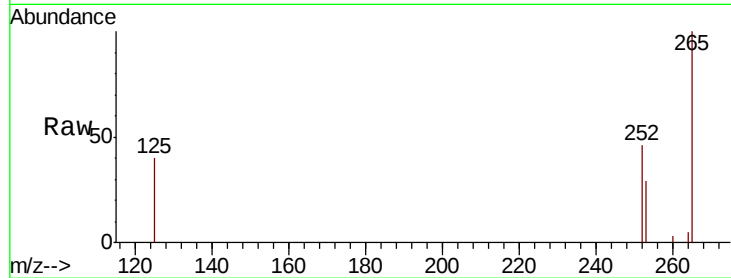
ClientSampleId :

BEP80

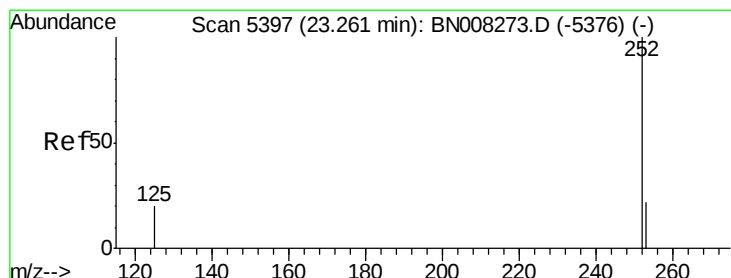
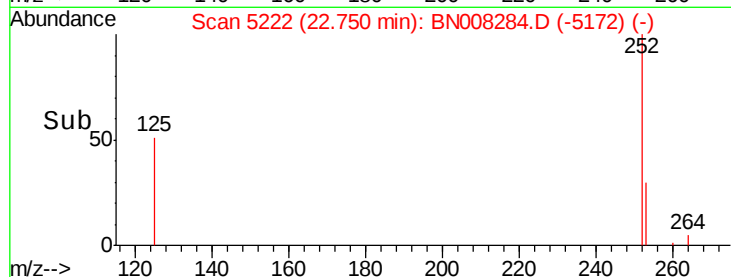
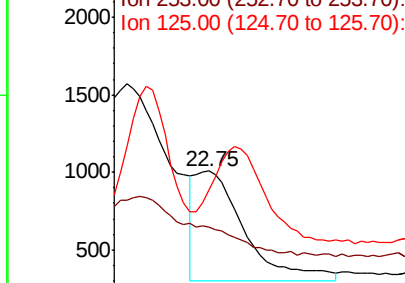
Tot Ion:	252	Resp:	1123
Ion Ratio	Lower	Upper	
252	100		
253	64.1	21.3	31.9#
125	87.7	12.3	18.5#

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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: 0.044 ng/ul

RT: 23.26 min Scan# 5396

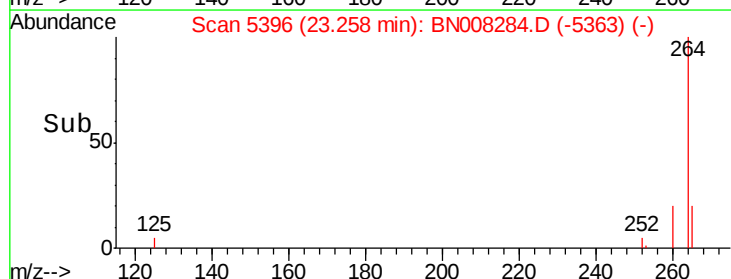
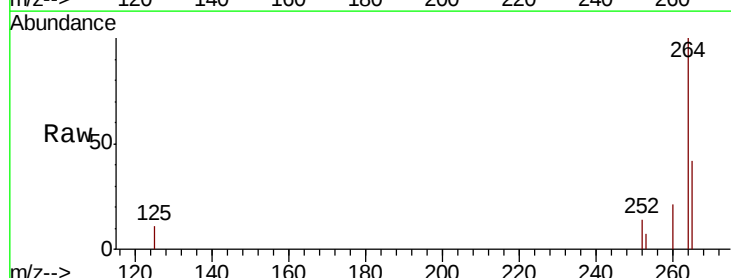
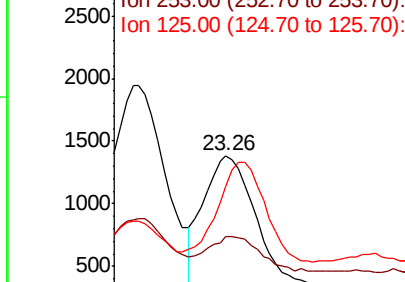
Delta R.T. -0.00 min

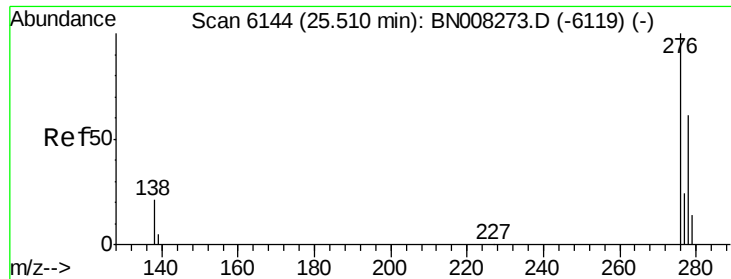
Lab File: BN008284.D

Acq: 21 Oct 2019 15:48

Tgt Ion:	252	Resp:	1731
Ion Ratio	Lower	Upper	
252	100		
253	52.9	22.8	34.2#
125	82.3	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





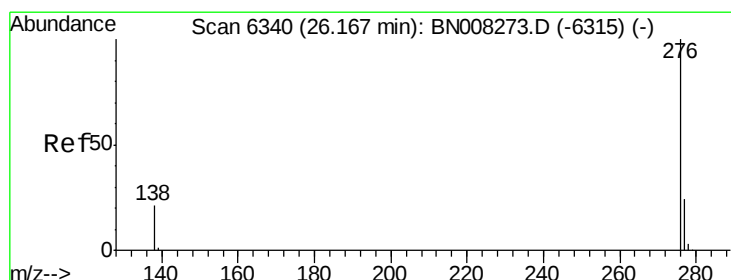
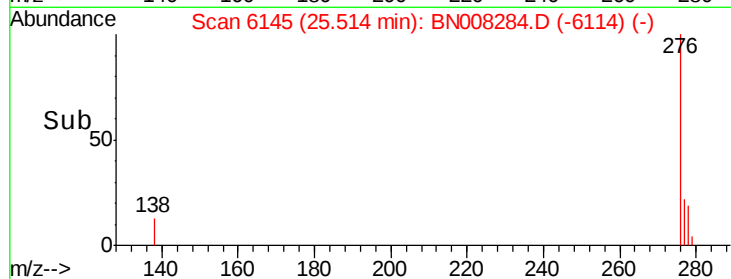
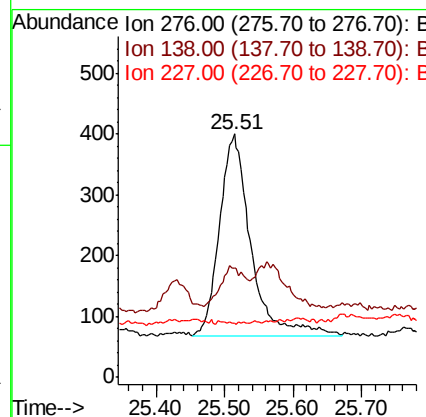
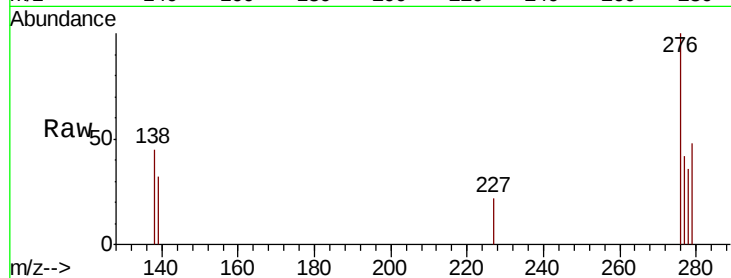
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/uL
 RT: 25.51 min Scan# 6145
 Delta R.T. 0.00 min
 Lab File: BN008284.D
 Acq: 21 Oct 2019 15:48

Instrument :
 BNA_N
 ClientSampleId :
 BEP80

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	16.1	24.1
227	0.2	0.2	0.2

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#26
 Benzo(g,h,i)perylene
 Concen: 0.020 ng/uL
 RT: 26.17 min Scan# 6341
 Delta R.T. 0.00 min
 Lab File: BN008284.D
 Acq: 21 Oct 2019 15:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.6	17.0	25.4#
277	44.5	20.4	30.6#

