

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
 Data File : BN008648.D
 Acq On : 20 Nov 2019 02:28
 Operator : JU
 Sample : K5699-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J17

Manual Integrations
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mohammad
 11/21/2019 9:05:42 AM

Quant Time: Nov 20 04:53:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	14704	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	8188	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	17044m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14347	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13512m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	7104	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	17669	0.34	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.30	166	1147	0.029	ng/ul#	94
11) Pentachlorophenol	16.65	266	254	0.039	ng/ul	96
12) Phenanthrene	17.03	178	6252	0.109	ng/ul	99
13) Anthracene	17.12	178	4717	0.087	ng/ul	96
15) Fluoranthene	19.05	202	7985	0.113	ng/ul	91
17) Pyrene	19.41	202	7925m	0.138	ng/ul	
18) Benzo(a)anthracene	21.17	228	7772	0.135	ng/ul	98
19) Chrysene	21.22	228	7208	0.127	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	7893	0.142	ng/ul#	72
22) Benzo(k)fluoranthene	22.75	252	7646	0.138	ng/ul#	53
23) Benzo(a)pyrene	23.26	252	6123	0.117	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.49	276	8489	0.139	ng/ul	95
25) Dibenzo(a,h)anthracene	25.51	278	6614	0.134	ng/ul#	84
26) Benzo(g,h,i)perylene	26.15	276	7315	0.143	ng/ul#	85

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

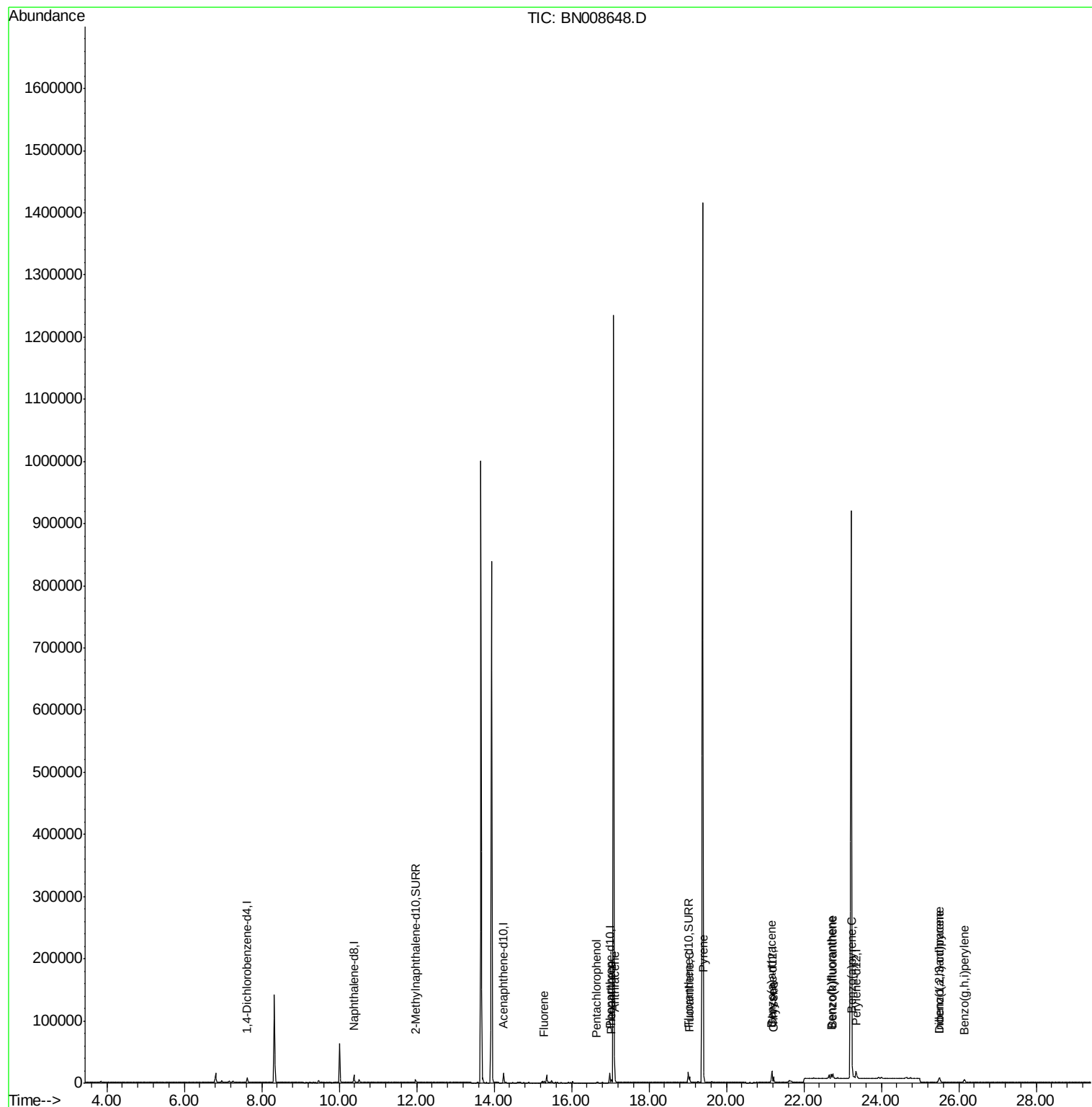
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
Data File : BN008648.D
Acq On : 20 Nov 2019 02:28
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Sample : K5699-19
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ALS Vial : 24 Sample Multiplier: 1

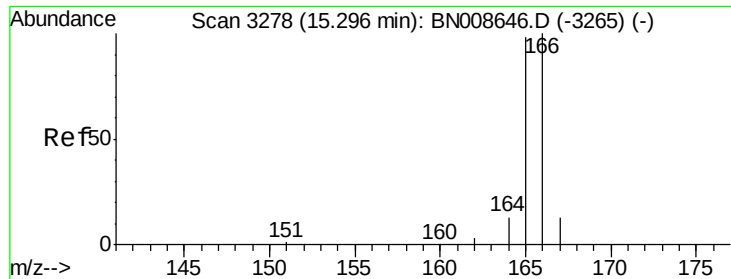
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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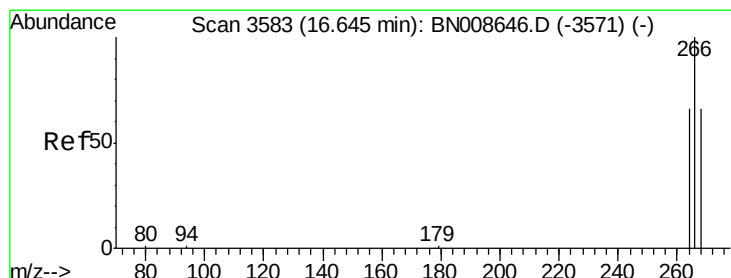
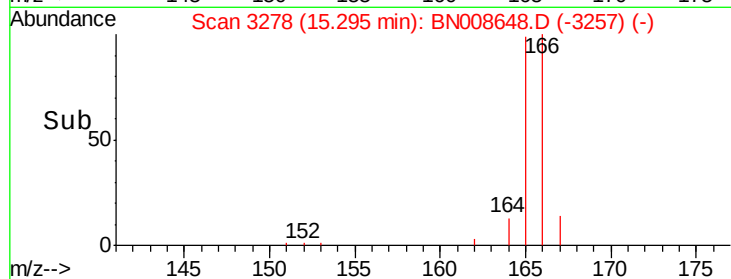
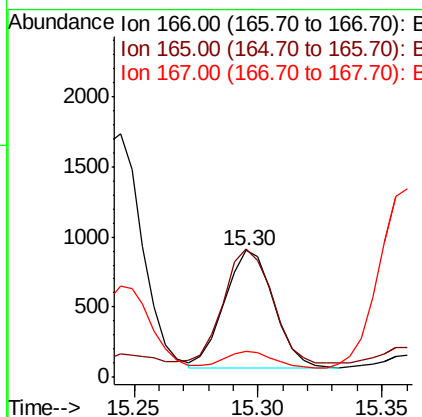
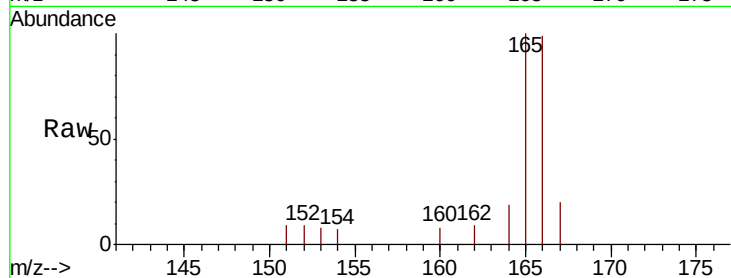
#9
Fluorene
 Concen: 0.029 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008648.D
 Acq: 20 Nov 2019 02:28

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:166 Resp: 1147
 Ion Ratio Lower Upper
 166 100
 165 100.9 77.4 116.0
 167 20.4 11.4 17.0#

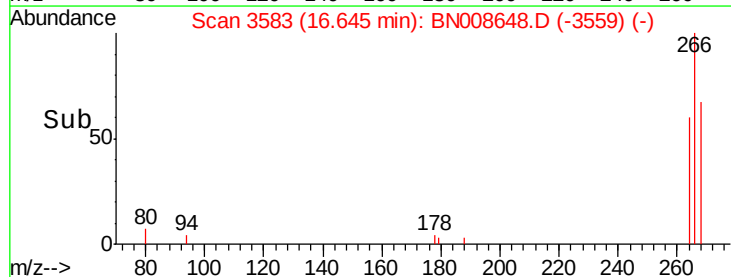
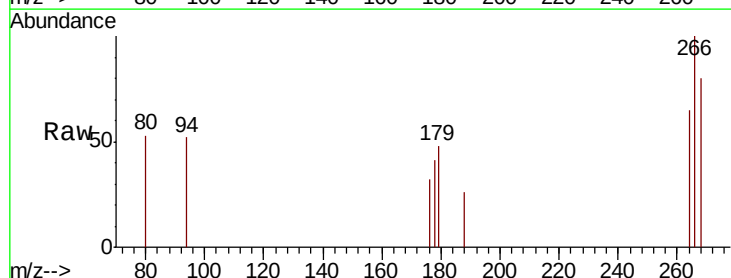
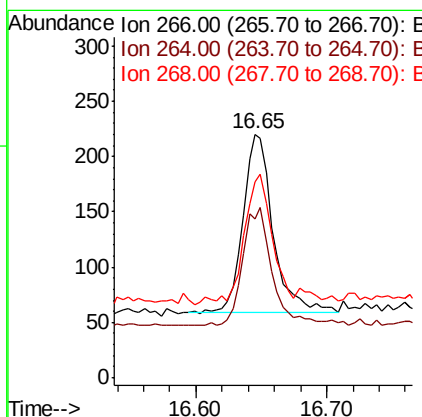
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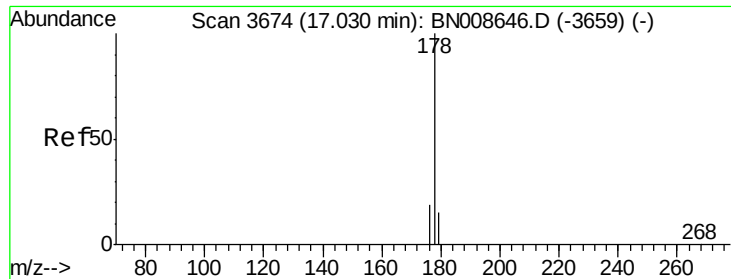
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#11
Pentachlorophenol
 Concen: 0.039 ng/ul
 RT: 16.65 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: BN008648.D
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Tgt Ion:266 Resp: 254
 Ion Ratio Lower Upper
 266 100
 264 66.9 49.2 73.8
 268 65.0 50.9 76.3





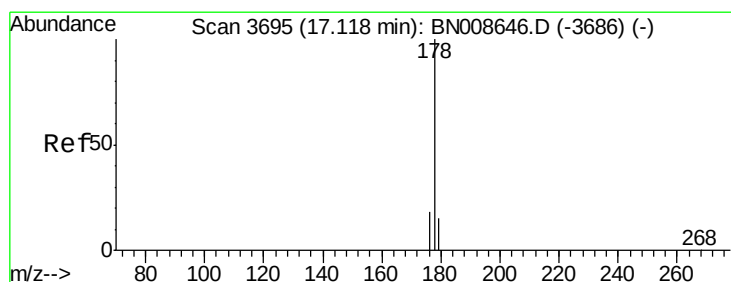
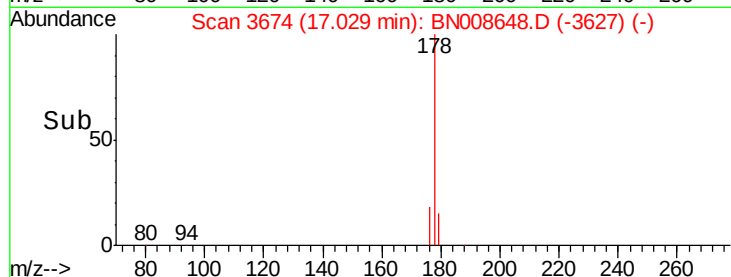
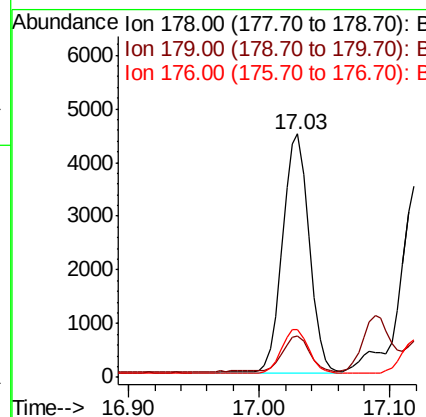
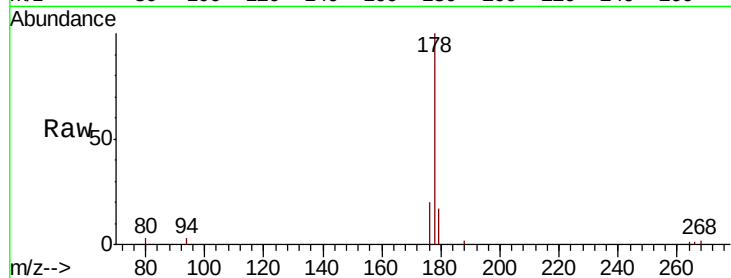
#12
Phenanthrene
Concen: 0.109 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008648.D
Acq: 20 Nov 2019 02:28

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	19.6	16.0	24.0

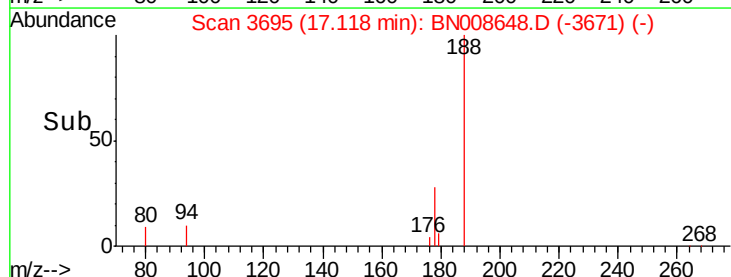
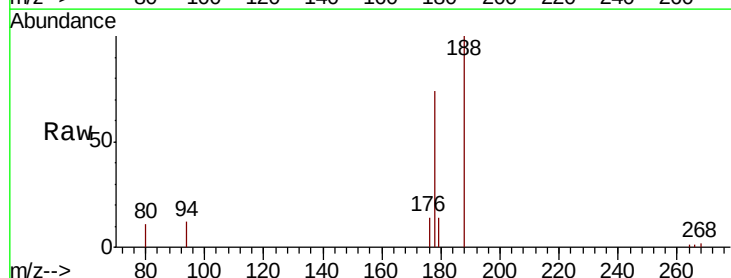
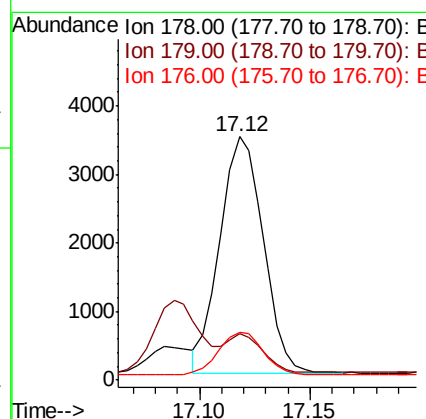
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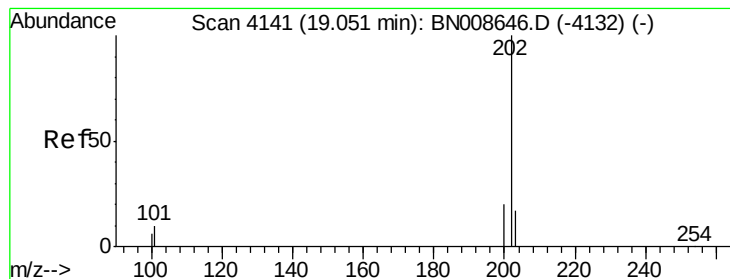
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#13
Anthracene
Concen: 0.087 ng/ul
RT: 17.12 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BN008648.D
Acq: 20 Nov 2019 02:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.0	19.4
176	19.6	15.3	22.9





#15

Fluoranthene

Concen: 0.113 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN008648.D

Acq: 20 Nov 2019 02:28

Instrument :

BNA_N

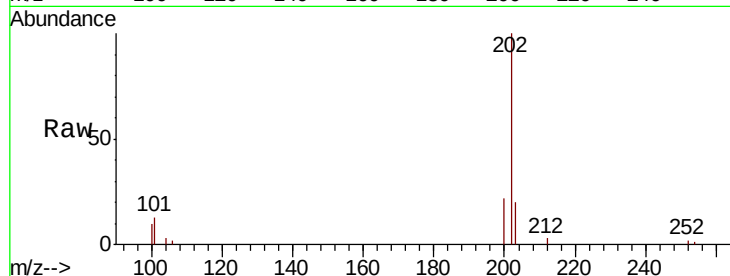
ClientSampleId :

F2J17

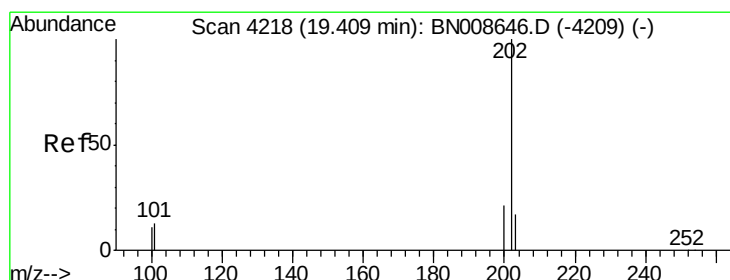
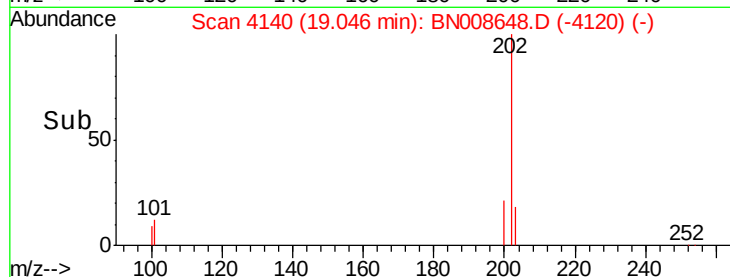
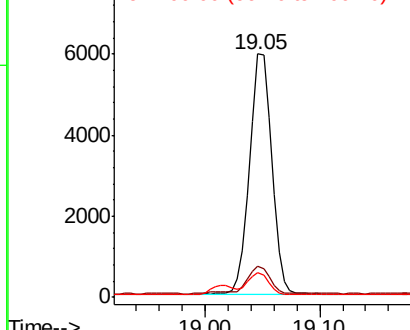
Tot Ion:	202	Resp:	7985
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	29.6
100	10.0	0.0	27.0

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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



#17

Pyrene

Concen: 0.138 ng/ul m

RT: 19.41 min Scan# 4219

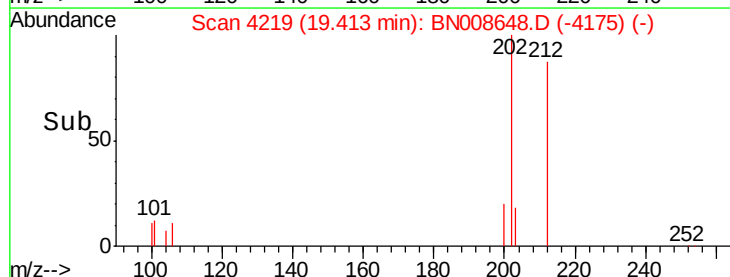
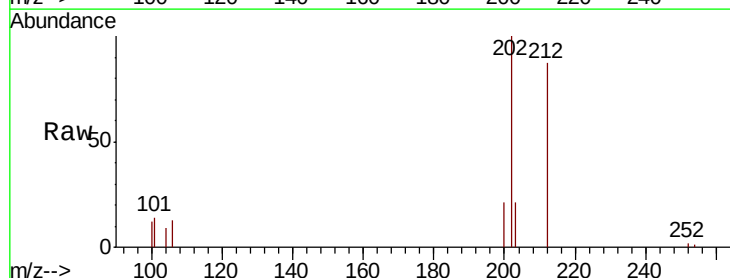
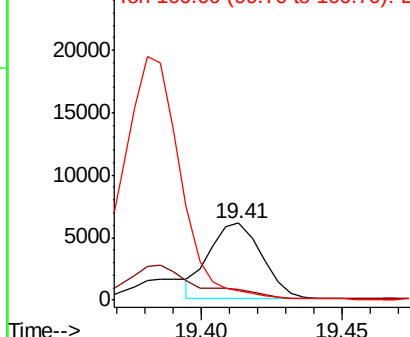
Delta R.T. 0.00 min

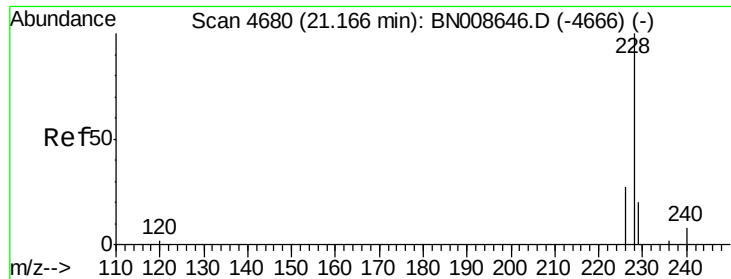
Lab File: BN008648.D

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Tgt Ion:	202	Resp:	7925
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.2	15.2
100	11.9	8.2	12.2

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





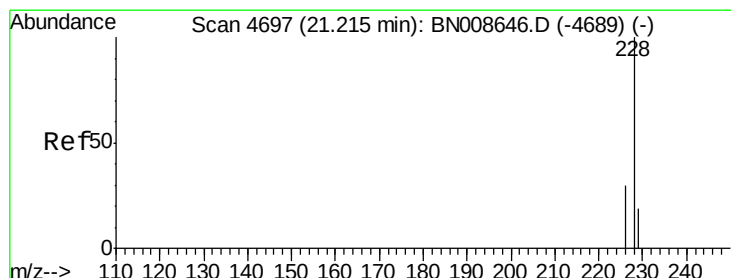
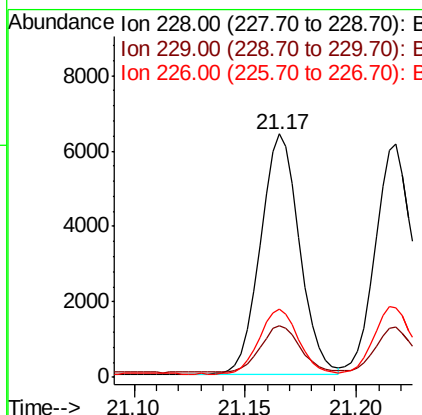
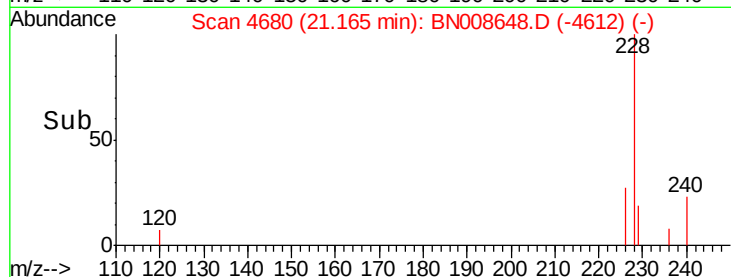
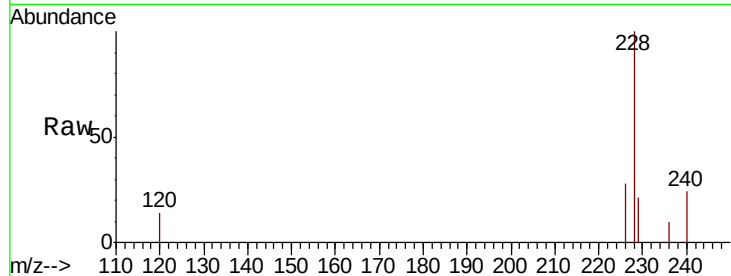
#18
Benzo(a)anthracene
Concen: 0.135 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN008648.D
Acq: 20 Nov 2019 02:28

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	27.9	21.6	32.4

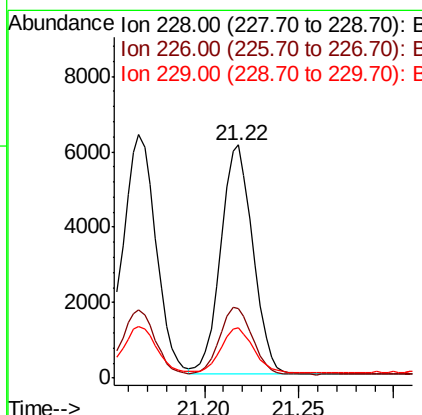
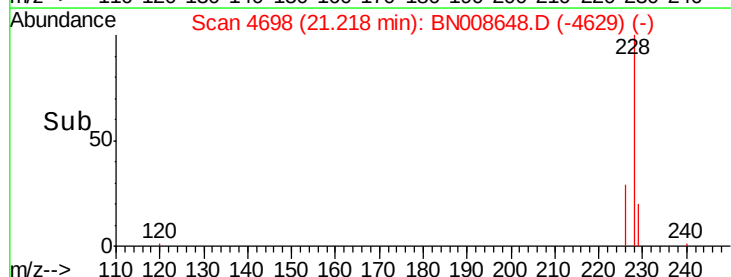
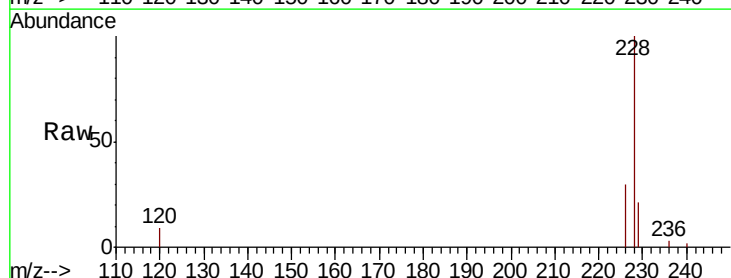
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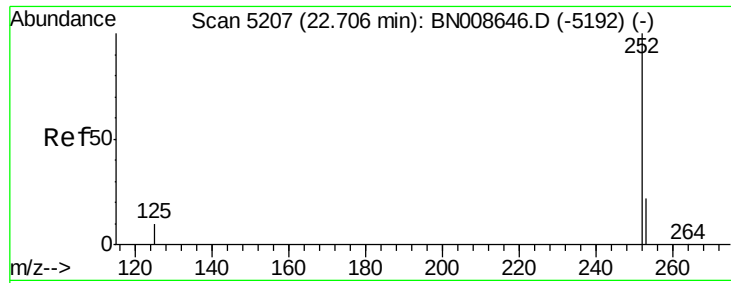
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#19
Chrysene
Concen: 0.127 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. 0.00 min
Lab File: BN008648.D
Acq: 20 Nov 2019 02:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	21.4	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 0.142 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN008648.D

Acq: 20 Nov 2019 02:28

Instrument :

BNA_N

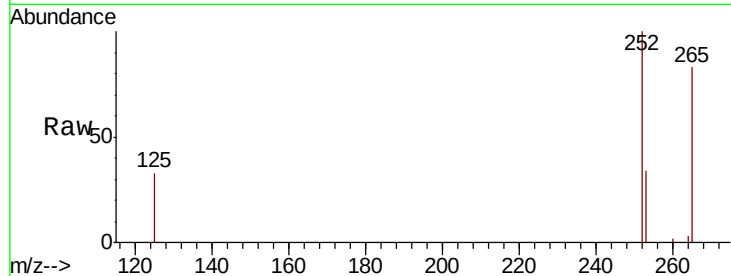
ClientSampleId :

F2J17

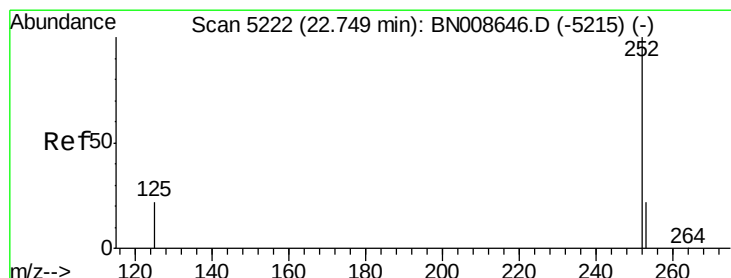
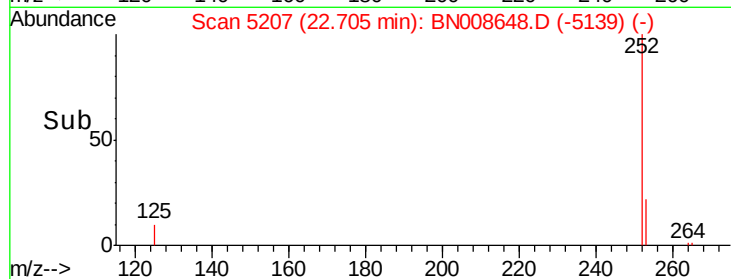
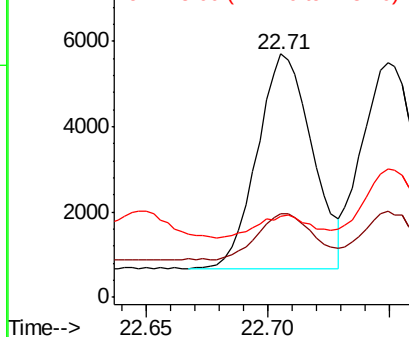
Tot Ion	Ratio	Lower	Upper
252	100		
253	34.4	0.0	50.2
125	33.2	0.0	30.0#

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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



#22

Benzo(k)fluoranthene

Concen: 0.138 ng/ul

RT: 22.75 min Scan# 5222

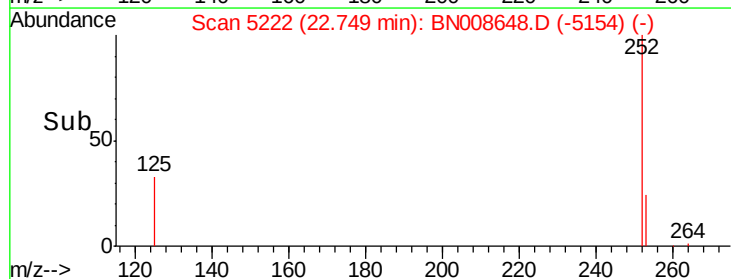
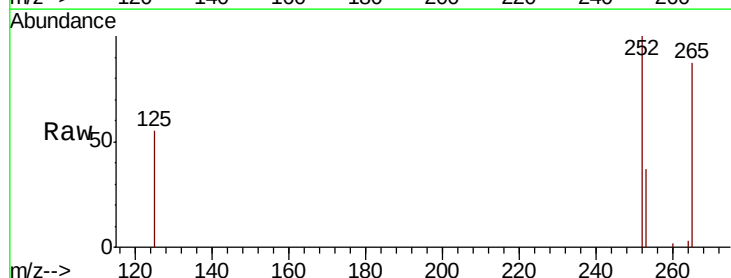
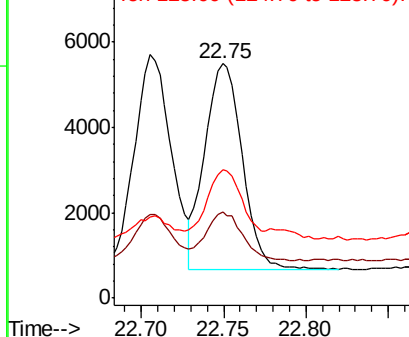
Delta R.T. -0.00 min

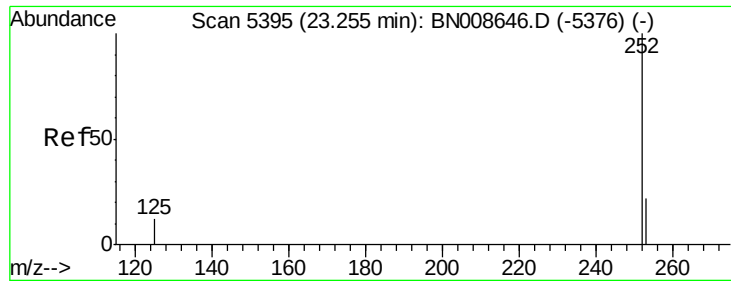
Lab File: BN008648.D

Acq: 20 Nov 2019 02:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	20.5	30.7#
125	55.0	15.0	22.4#

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: 0.117 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. 0.00 min

Lab File: BN008648.D

Acq: 20 Nov 2019 02:28

Instrument :

BNA_N

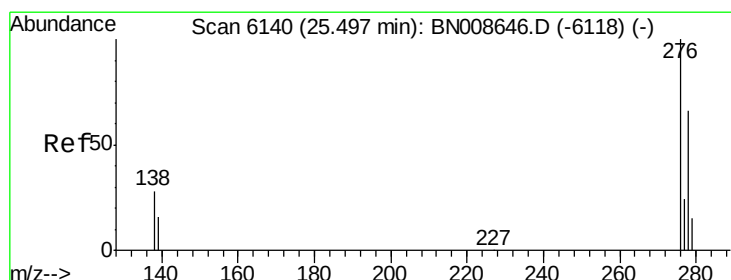
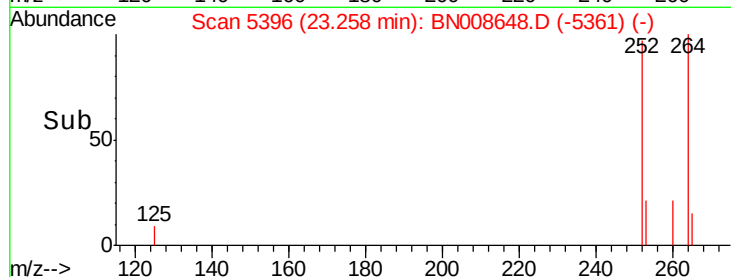
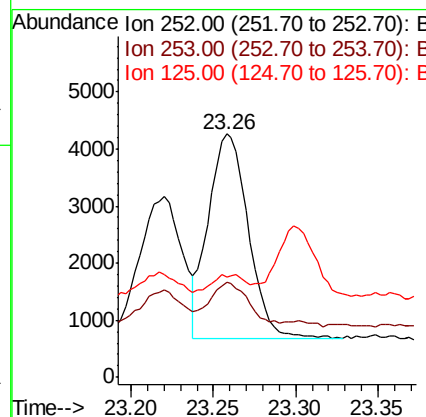
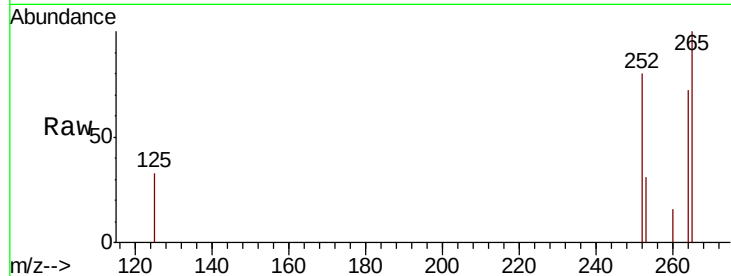
ClientSampleId :

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Tot Ion:	252	Resp:	6123
Ion Ratio	Lower	Upper	
252	100		
253	39.1	21.4	32.2#
125	41.2	13.8	20.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.139 ng/ul

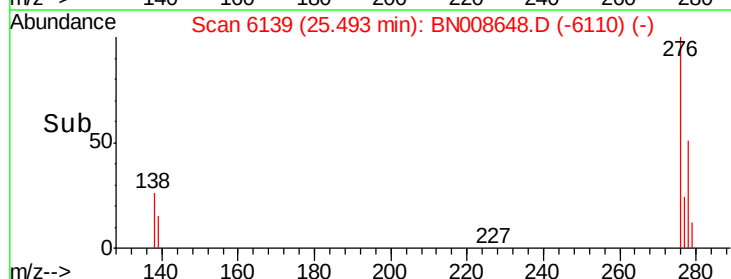
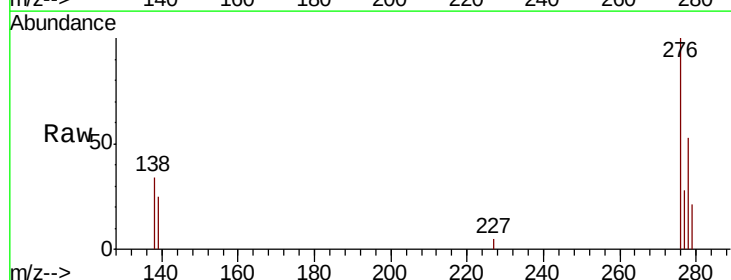
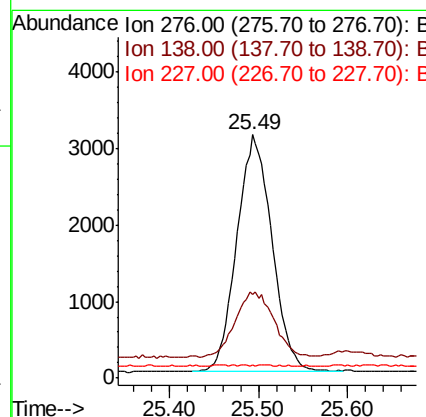
RT: 25.49 min Scan# 6139

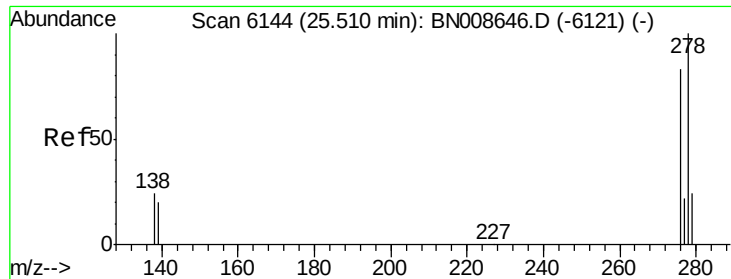
Delta R.T. -0.00 min

Lab File: BN008648.D

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Tgt Ion:	276	Resp:	8489
Ion Ratio	Lower	Upper	
276	100		
138	29.9	21.7	32.5
227	0.2	0.2	0.2





#25

Dibenzo(a,h)anthracene

Concen: 0.134 ng/ul

RT: 25.51 min Scan# 6144

Delta R.T. -0.00 min

Lab File: BN008648.D

Acq: 20 Nov 2019 02:28

Instrument :

BNA_N

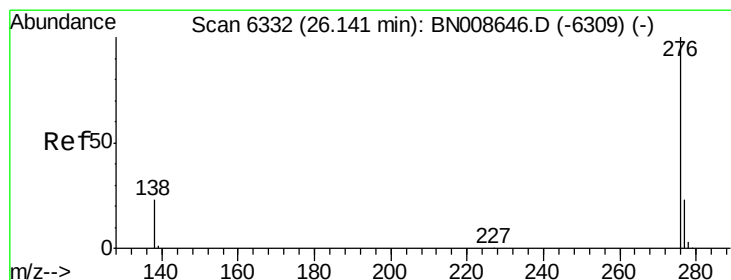
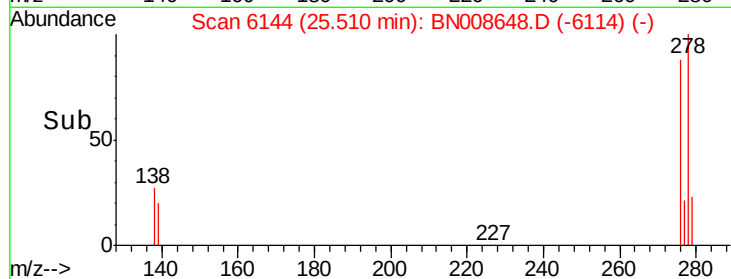
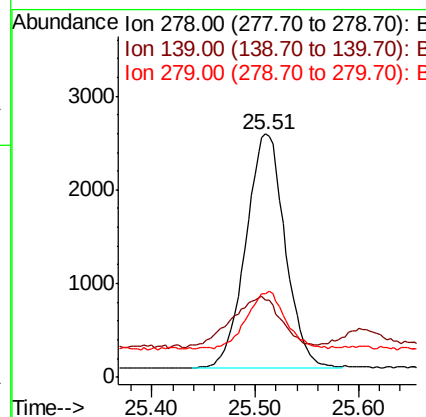
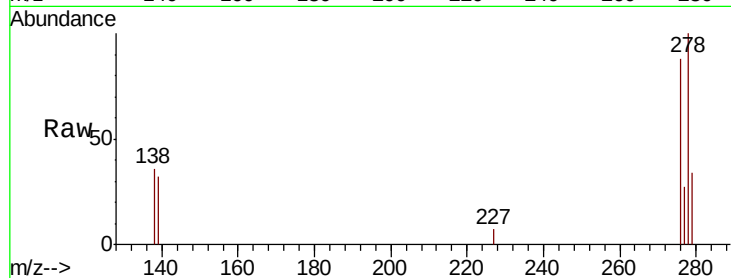
ClientSampleId :

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Tot Ion:	278	Resp:	6614
Ion Ratio	Lower	Upper	
278	100		
139	31.6	18.7	28.1#
279	34.3	20.8	31.2#

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#26

Benzo(g,h,i)perylene

Concen: 0.143 ng/ul

RT: 26.15 min Scan# 6334

Delta R.T. 0.01 min

Lab File: BN008648.D

Acq: 20 Nov 2019 02:28

Tgt Ion:	276	Resp:	7315
Ion Ratio	Lower	Upper	
276	100		
138	34.5	20.0	30.0#
277	30.6	20.0	30.0#

