

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008292.D
 Acq On : 21 Oct 2019 20:38
 Operator : JU
 Sample : K5178-09DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF2DL

Manual Integrations
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mohammad
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Quant Time: Oct 22 00:30:25 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	7.59	152	1824	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8495	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5482	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11170	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10629	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9016	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	362	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.01	212	1137	0.03	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.01	178	2293	0.070	ng/ul#	93
13) Anthracene	17.11	178	602	0.021	ng/ul#	64
15) Fluoranthene	19.04	202	4268	0.099	ng/ul	95
17) Pyrene	19.40	202	4438	0.105	ng/ul#	90
18) Benzo(a)anthracene	21.16	228	2957	0.077	ng/ul#	89
19) Chrysene	21.22	228	2439	0.051	ng/ul#	92
21) Benzo(b)fluoranthene	22.71	252	3583m	0.122	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	1274m	0.038	ng/ul	
23) Benzo(a)pyrene	23.26	252	2025	0.066	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.51	276	1182	0.032	ng/ul#	96
26) Benzo(g,h,i)perylene	26.16	276	1259	0.038	ng/ul#	65

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

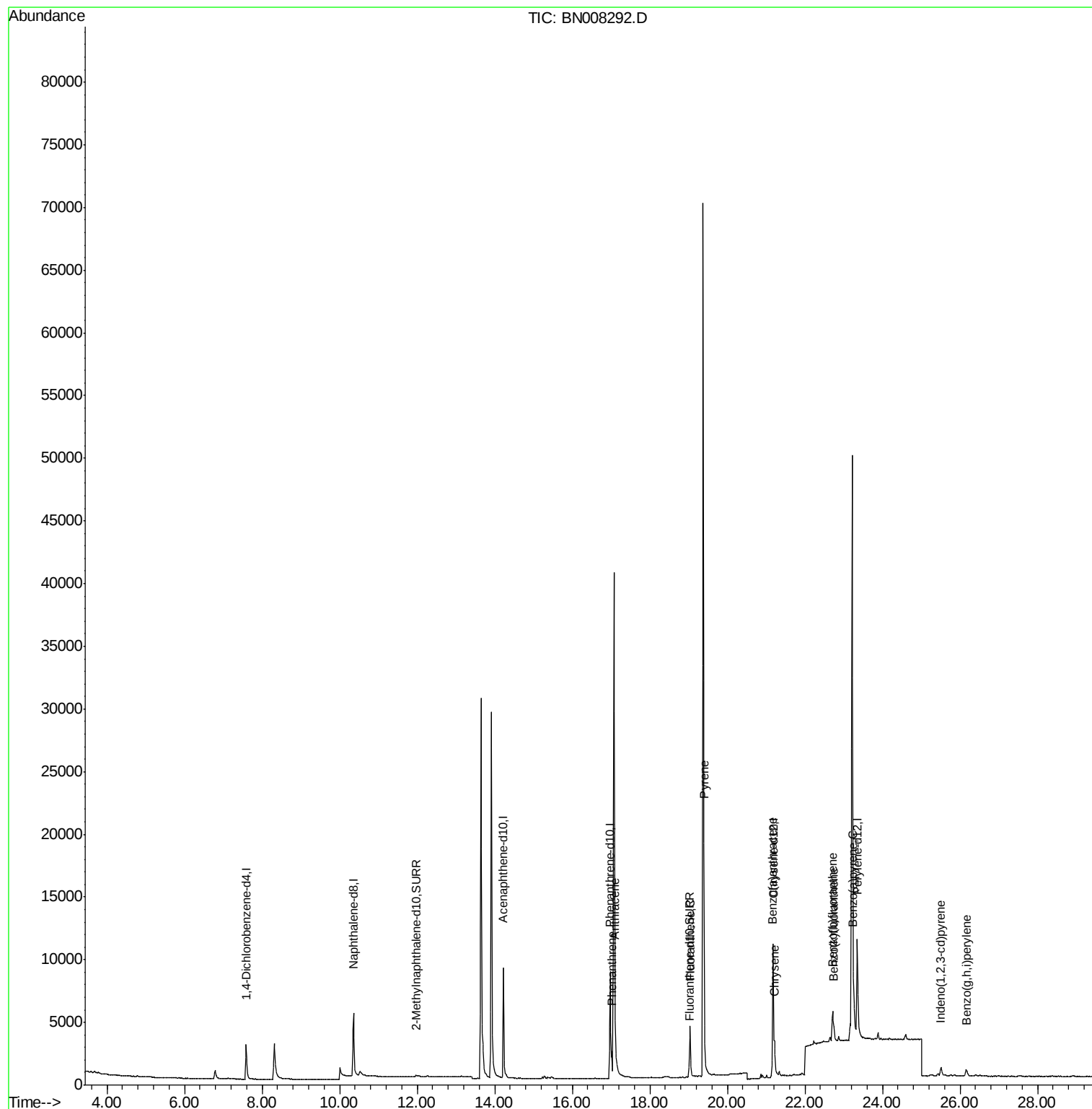
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008292.D
Acq On : 21 Oct 2019 20:38
Operator : JU
Sample : K5178-09DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

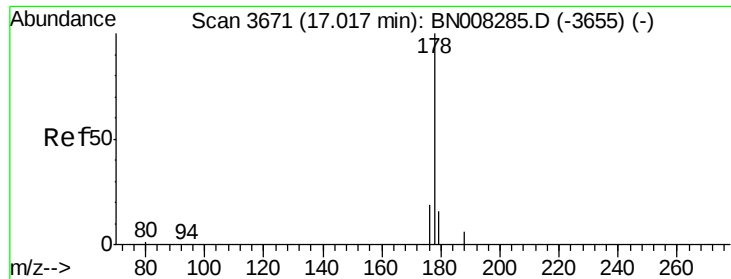
Instrument :
BNA_N
ClientSampleId :
BEPF2DL

Manual Integrations
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Quant Time: Oct 22 00:30:25 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





#12

Phenanthrene

Concen: 0.070 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

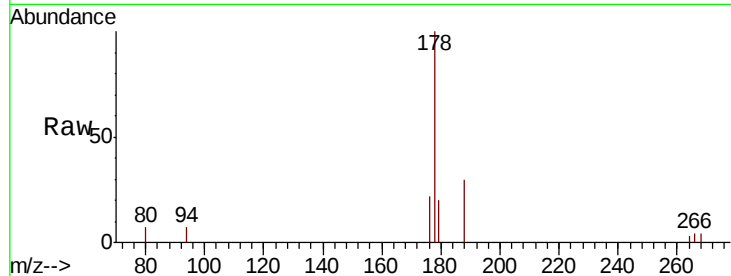
ClientSampleId :

BEPF2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.8	19.2#
176	22.0	15.4	23.2

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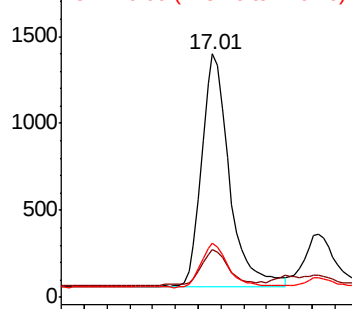


Abundance

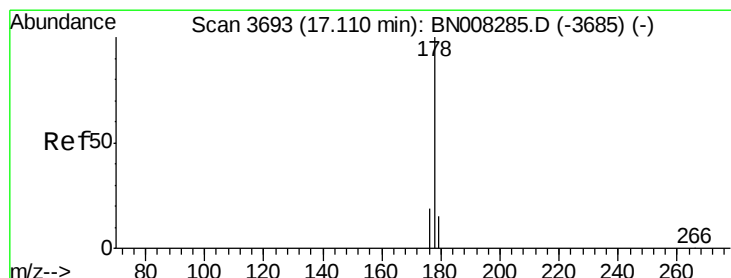
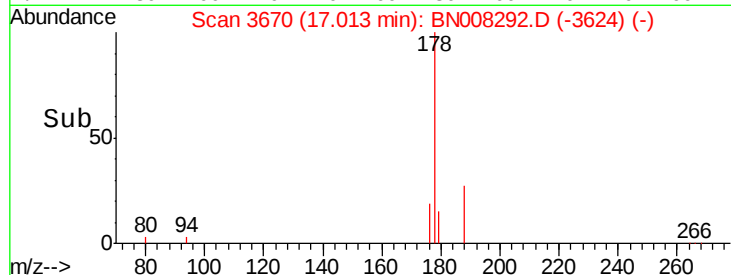
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#13

Anthracene

Concen: 0.021 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

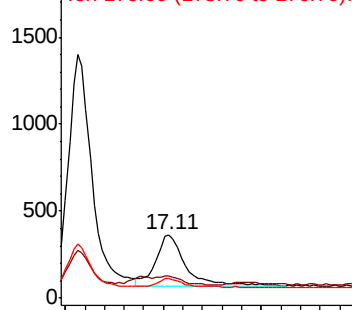
Tgt Ion	Ratio	Lower	Upper
178	100		
179	35.9	13.0	19.6#
176	31.5	15.0	22.6#

Abundance

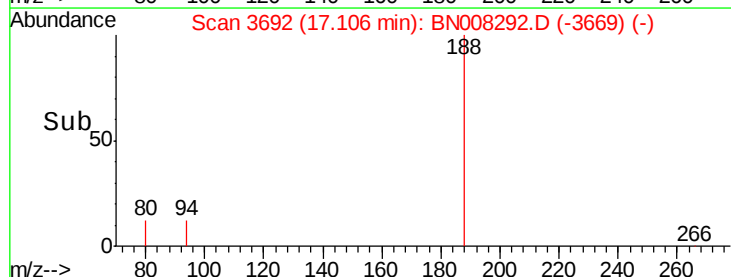
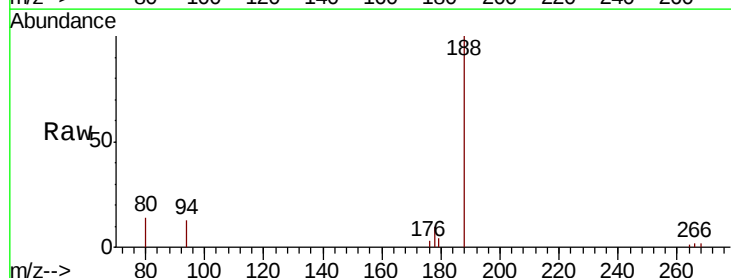
Ion 178.00 (177.70 to 178.70): E

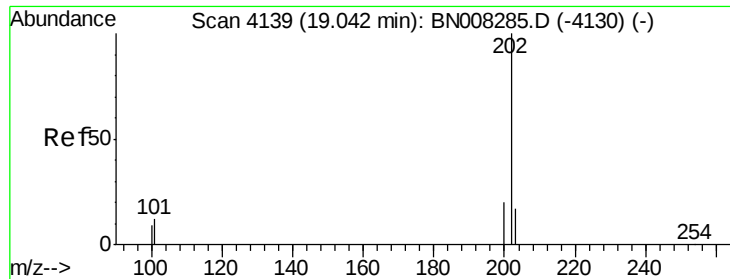
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.099 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. 0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

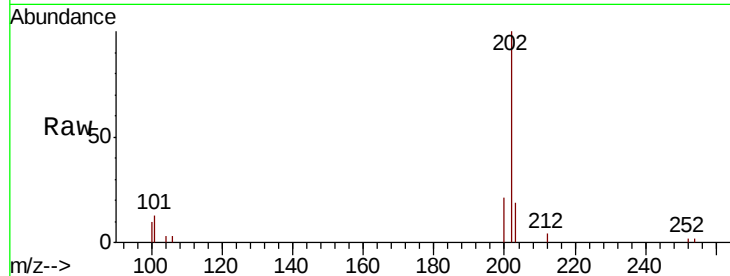
ClientSampleId :

BEPF2DL

Tot Ion:	202	Resp:	4268
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	31.2
100	10.0	0.0	28.5

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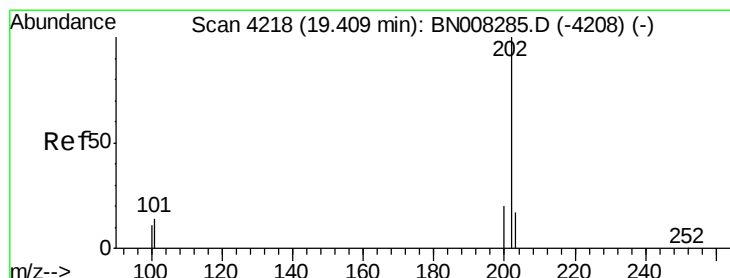
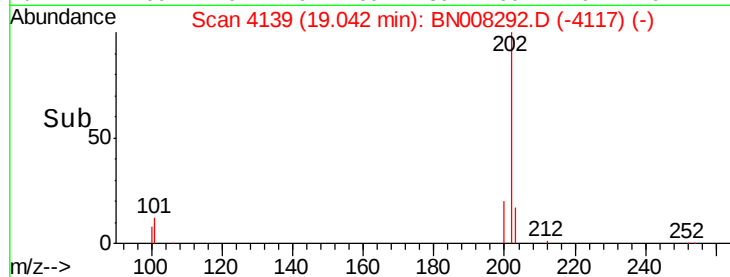
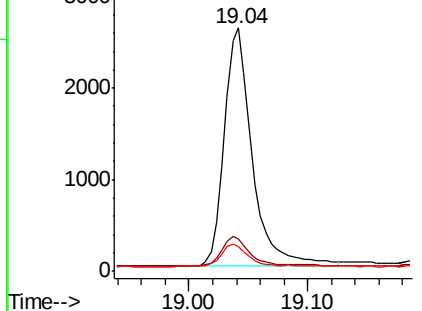
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.105 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008292.D

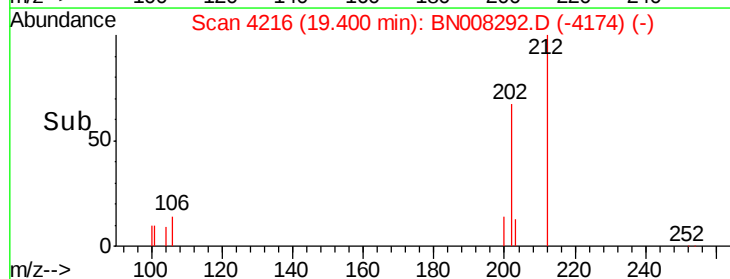
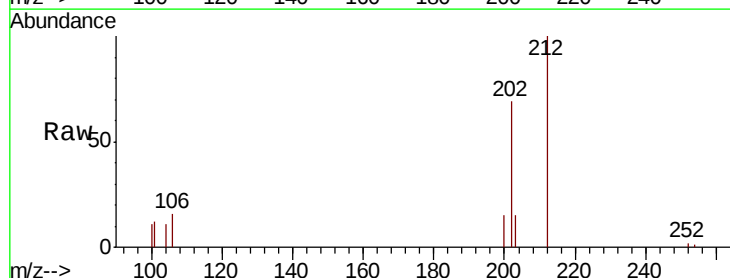
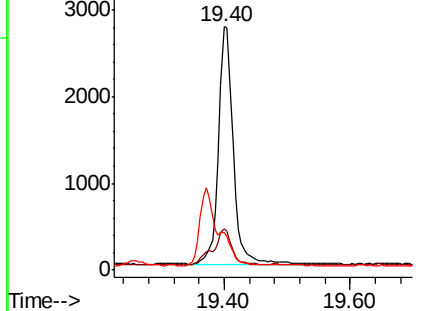
Acq: 21 Oct 2019 20:38

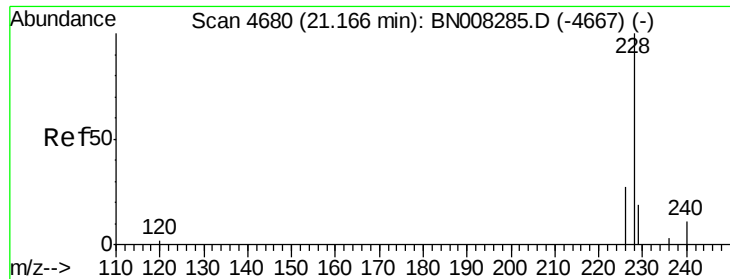
Tgt Ion:	202	Resp:	4438
Ion Ratio	Lower	Upper	
202	100		
101	17.1	10.9	16.3#
100	15.6	8.7	13.1#

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





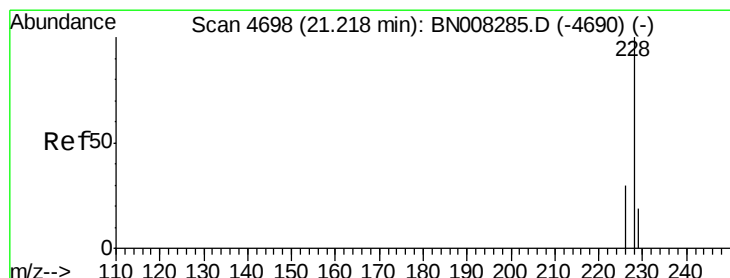
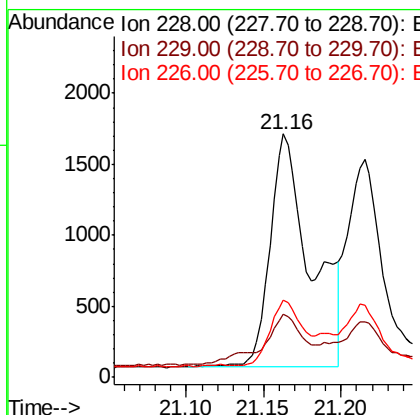
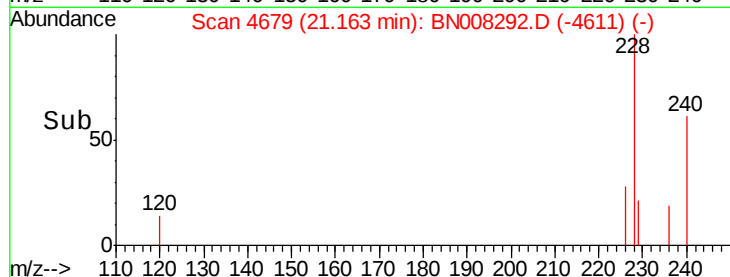
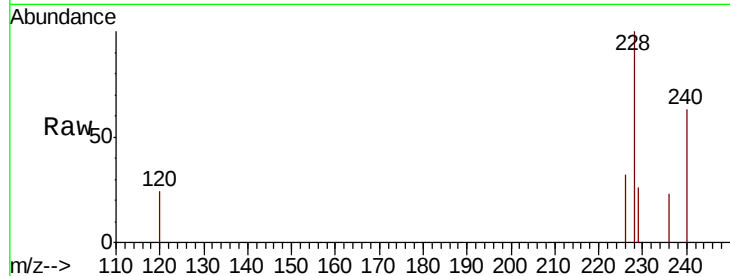
#18
Benzo(a)anthracene
Concen: 0.077 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008292.D
Acq: 21 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.8	16.2	24.2#
226	31.7	21.4	32.0

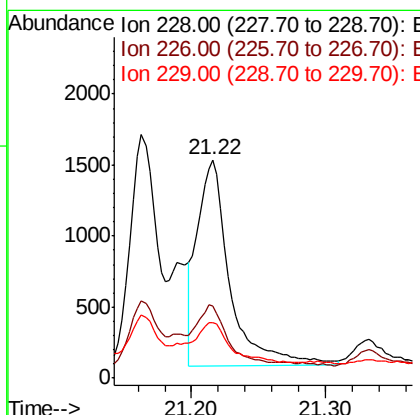
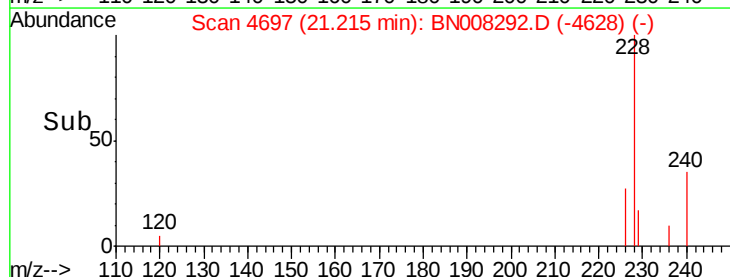
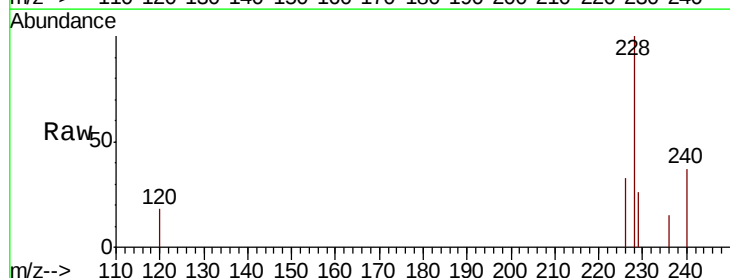
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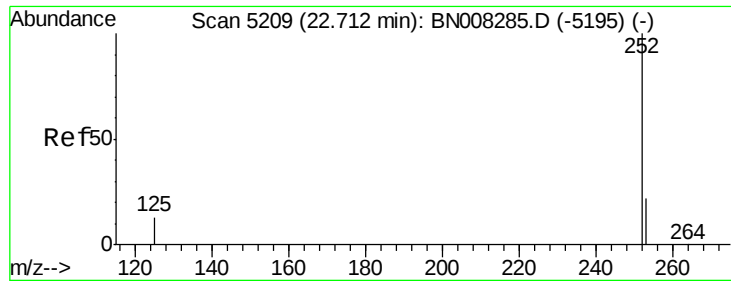
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#19
Chrysene
Concen: 0.051 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008292.D
Acq: 21 Oct 2019 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.1	36.1
229	25.6	16.2	24.2#





#21

Benzo(b)fluoranthene

Concen: 0.122 ng/ul m

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

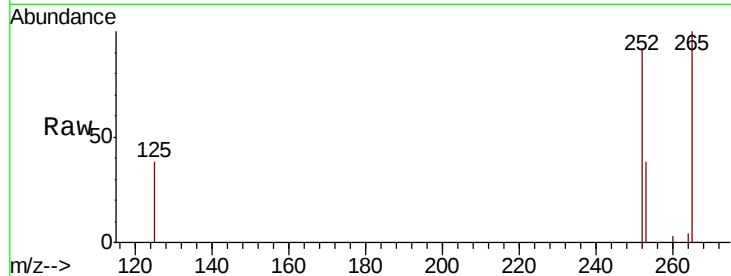
ClientSampleId :

BEPF2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.2	0.0	53.4
125	41.4	0.0	32.4

Manual Integrations
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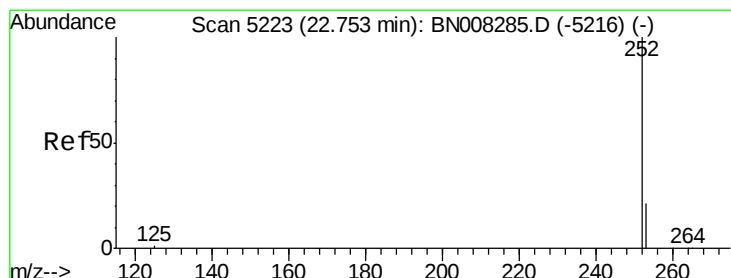
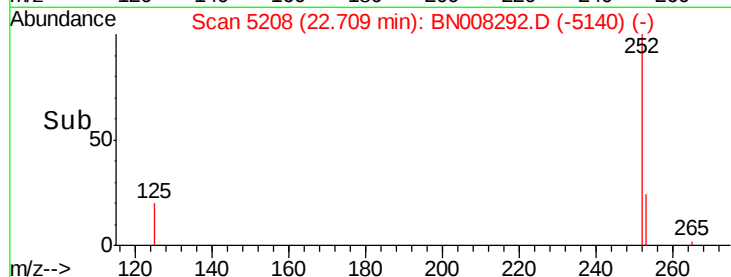
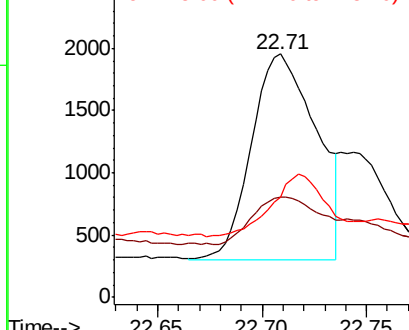


Abundance

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: 0.038 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

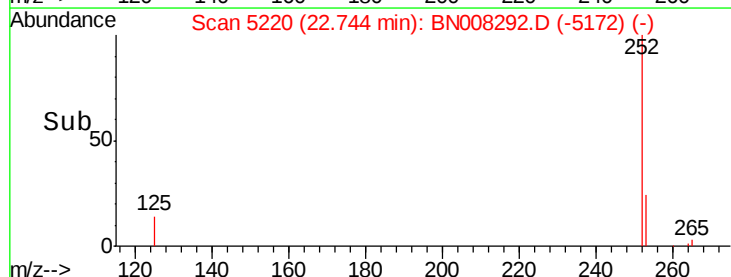
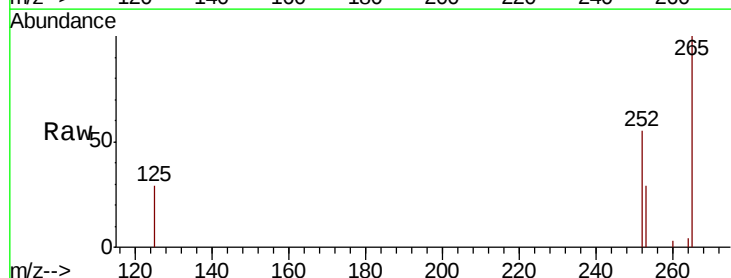
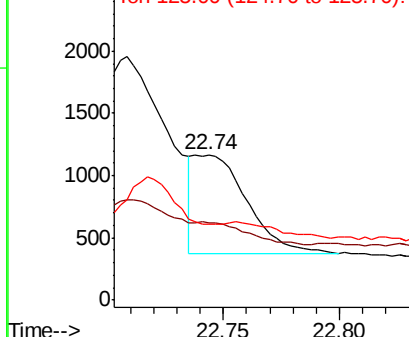
Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.0	21.3	31.9
125	52.3	12.3	18.5

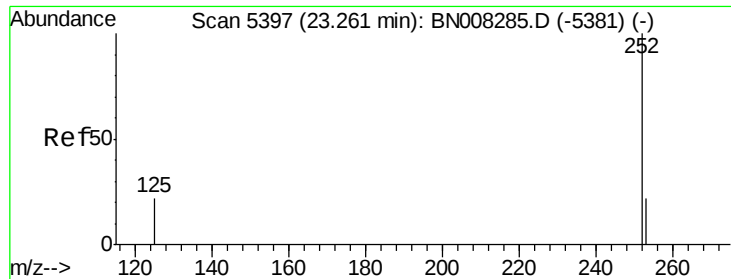
Abundance

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: 0.066 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

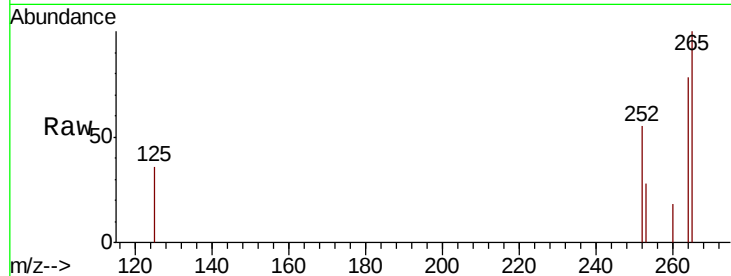
ClientSampleId :

BEPF2DL

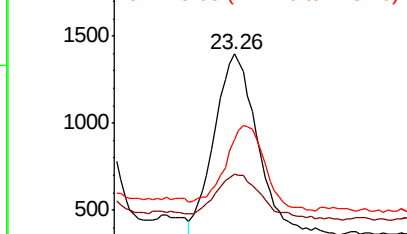
Tot Ion:	252	Resp:	2025
Ion Ratio	Lower	Upper	
252	100		
253	50.6	22.8	34.2#
125	65.0	18.4	27.6#

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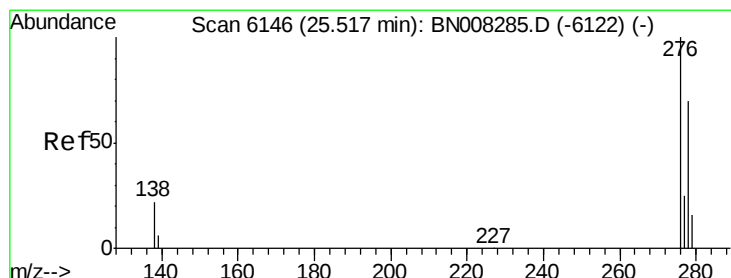
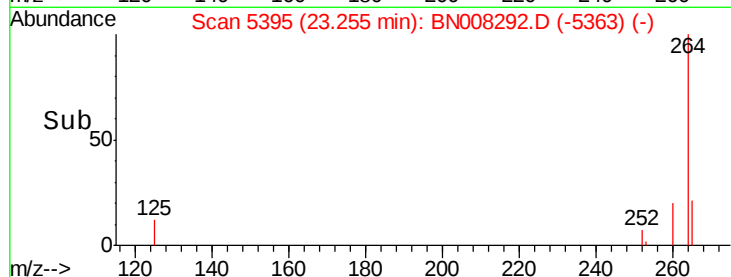
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.20 23.25 23.30 23.35



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

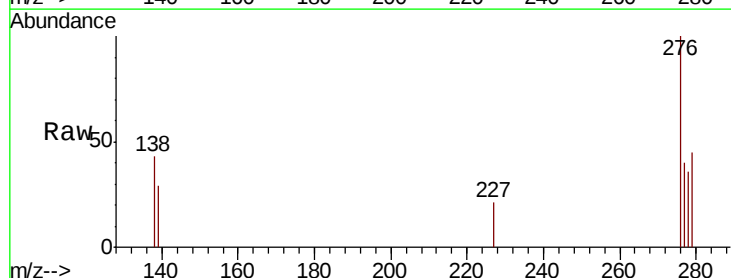
RT: 25.51 min Scan# 6143

Delta R.T. -0.00 min

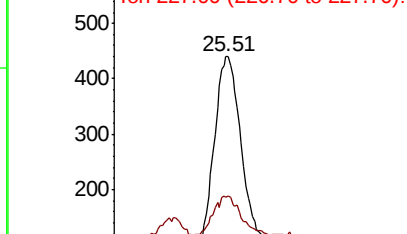
Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

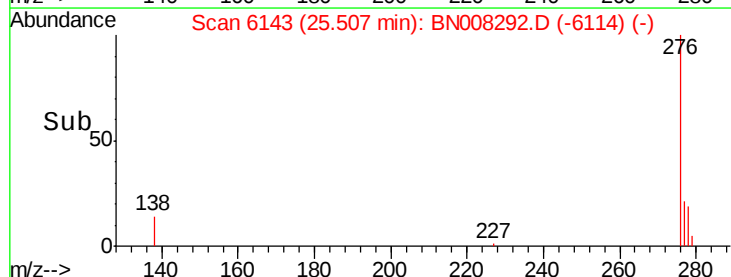
Tgt Ion:	276	Resp:	1182
Ion Ratio	Lower	Upper	
276	100		
138	18.2	16.1	24.1
227	0.3	0.2	0.2#

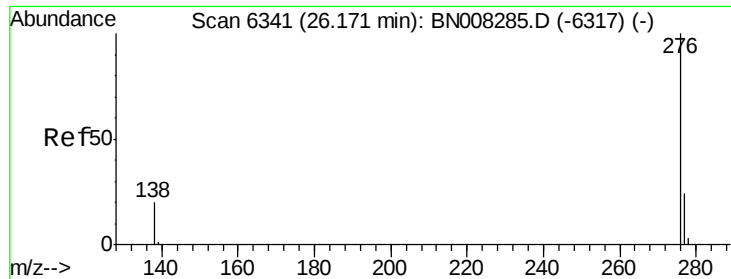


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



Time--> 25.40 25.60





#26

Benzo(a,h,i)perylene

Concen: 0.038 ng/ul

RT: 26.16 min Scan# 6338

Delta R.T. -0.01 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

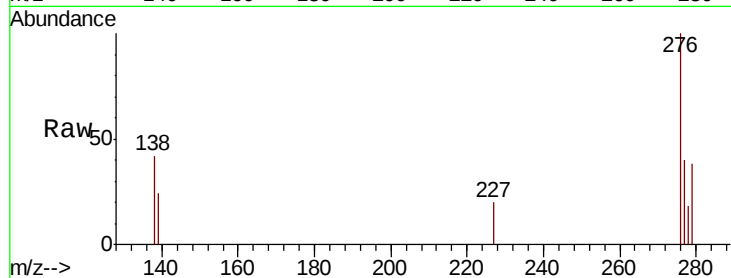
ClientSampleId :

BEPF2DL

Tot Ion:	276	Resp:	1259
Ion Ratio	Lower	Upper	
276	100		
138	42.1	17.0	25.4#
277	39.6	20.4	30.6#

Manual Integrations
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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

