

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS44

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:53 PM

Quant Time: Apr 26 09:05:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	174437	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	731747	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	347859	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	616731	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	511829	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	560429	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1095266	32.78	ng/ul	0.01
10) Fluorene-d10	15.26	176	724138	32.47	ng/ul	0.00
14) Anthracene-d10	17.11	188	935261	33.16	ng/ul	0.01
18) Pyrene-d10	19.42	212	896567	34.19	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	953849	36.03	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	47721	1.419	ng/ul	99
16) Fluoranthene	19.07	202	96092	2.816	ng/ul#	94
19) Pyrene	19.44	202	81181	2.469	ng/ul#	88
20) Benzo(a)anthracene	21.20	228	54103	1.768	ng/ul#	87
21) Chrysene	21.25	228	54598m	1.899	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	106360m	3.339	ng/ul	
26) Benzo(a)pyrene	23.32	252	69900	2.296	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.60	276	69073	1.879	ng/ul#	80
29) Benzo(g,h,i)perylene	26.27	276	66305	2.156	ng/ul#	85

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

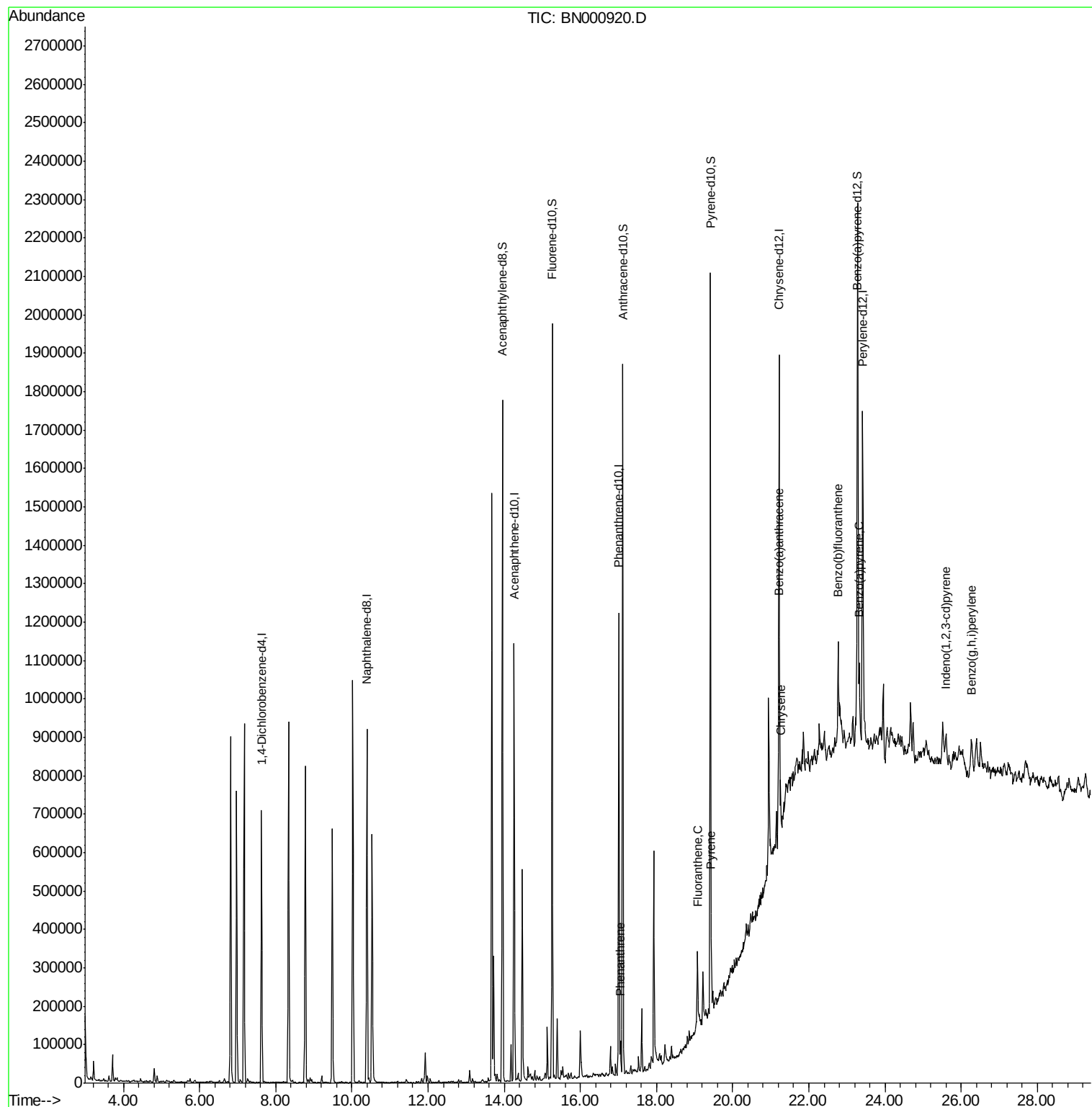
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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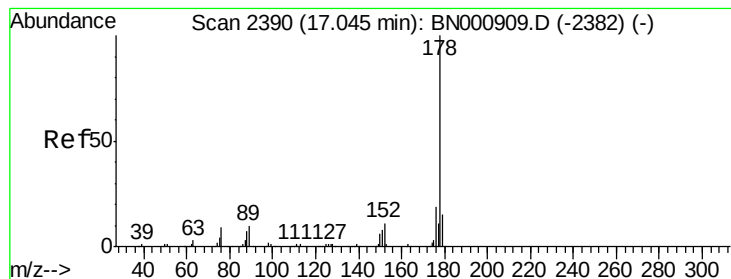
Instrument :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
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QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.419 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Instrument :

BNA_N

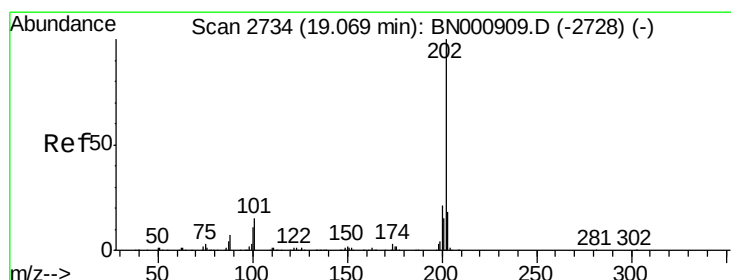
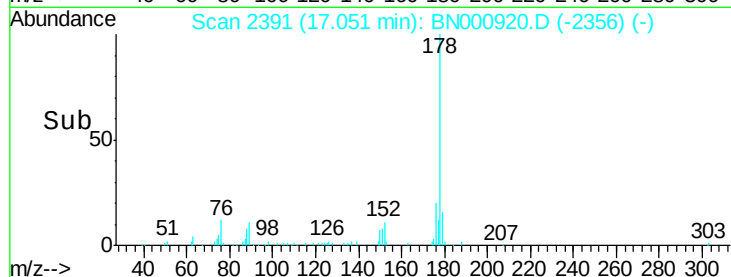
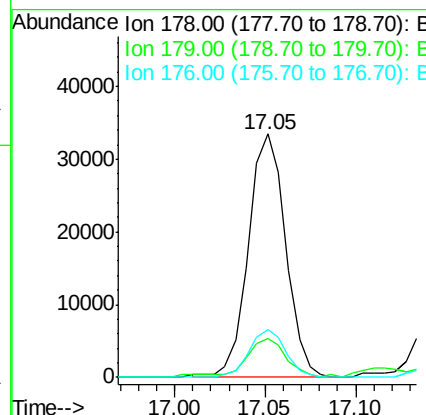
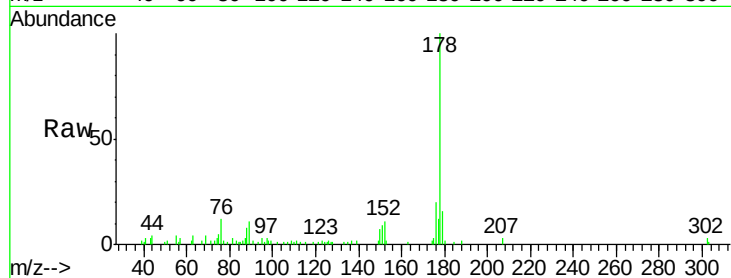
ClientSampleId :

DAS44

Tot Ion:	178	Resp:	47721
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.8	15.1	22.7

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#16

Fluoranthene

Concen: 2.816 ng/ul

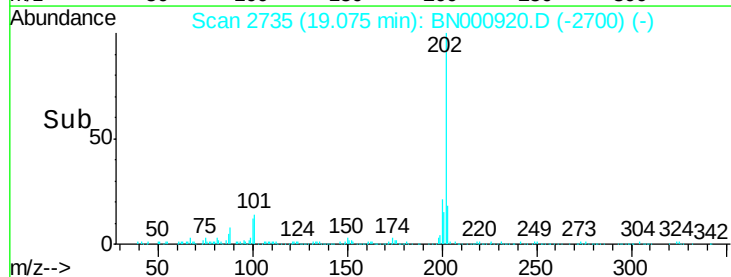
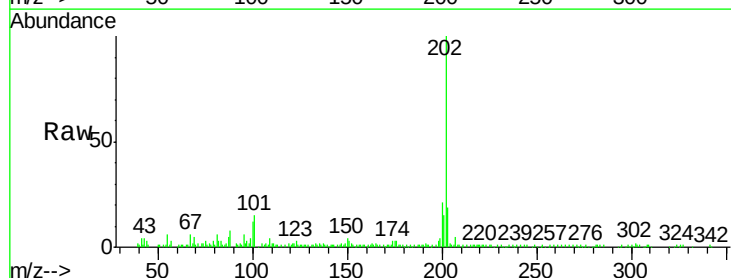
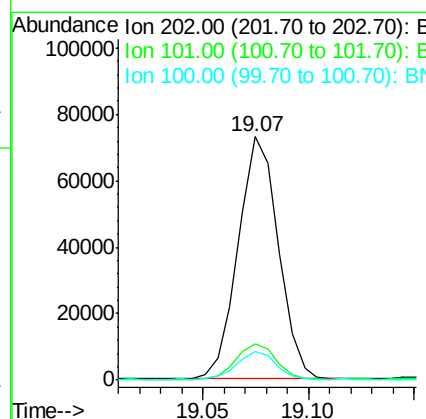
RT: 19.07 min Scan# 2735

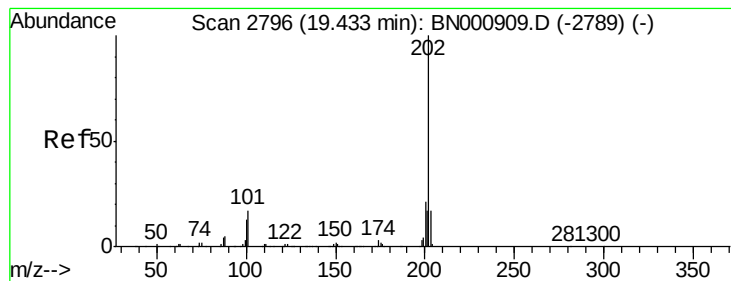
Delta R.T. 0.01 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Tgt Ion:	202	Resp:	96092
Ion Ratio	Lower	Upper	
202	100		
101	14.7	9.9	14.9
100	11.9	7.4	11.0#





#19

Pvrene

Concen: 2.469 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Instrument :

BNA_N

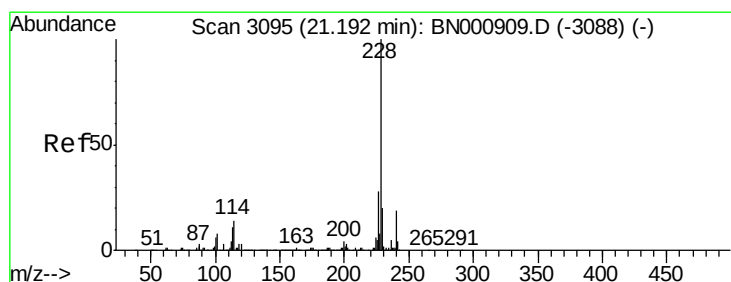
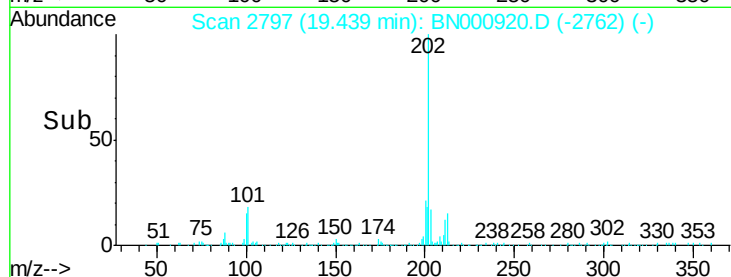
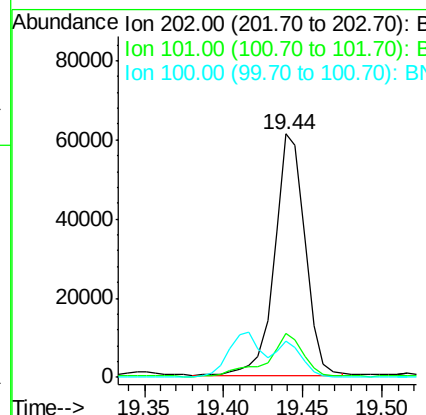
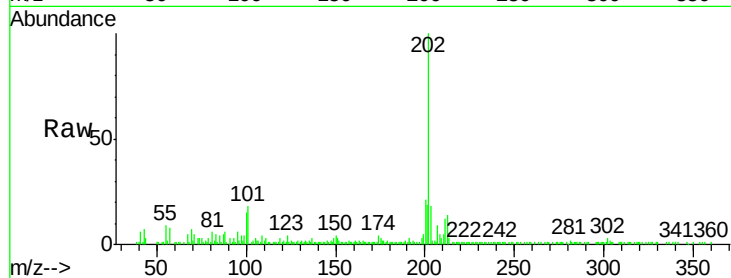
ClientSampled :

DAS44

Tot Ion:	202	Resp:	81181
Ion Ratio	Lower	Upper	
202	100		
101	17.9	11.0	16.4#
100	14.9	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 1.768 ng/ul

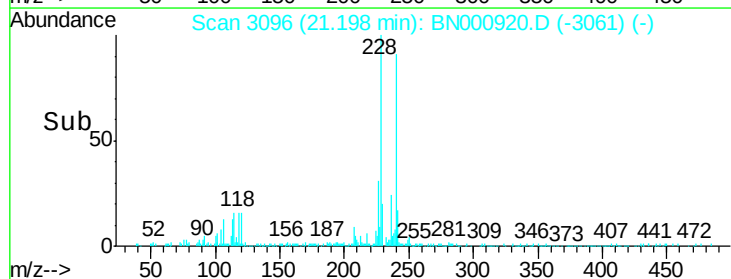
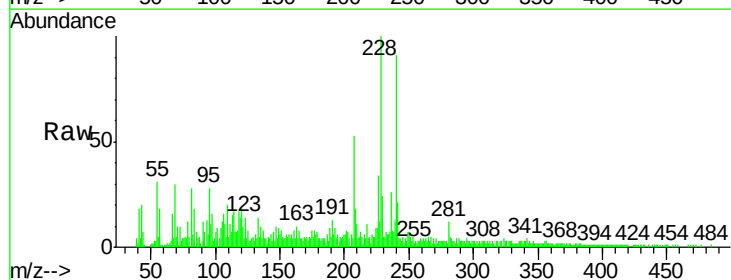
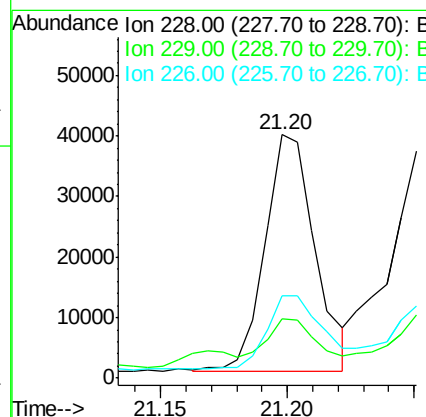
RT: 21.20 min Scan# 3096

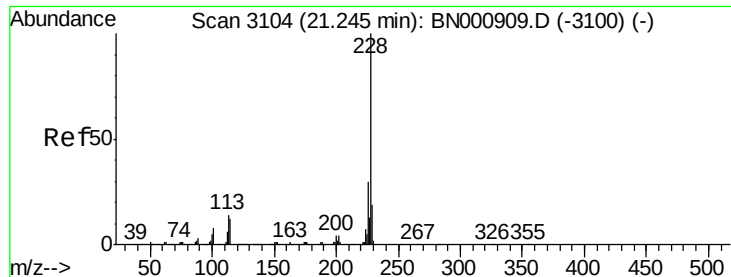
Delta R.T. 0.01 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Tgt Ion:	228	Resp:	54103
Ion Ratio	Lower	Upper	
228	100		
229	24.5	15.7	23.5#
226	33.9	21.1	31.7#





#21

Chrysene

Concen: 1.899 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Instrument :

BNA_N

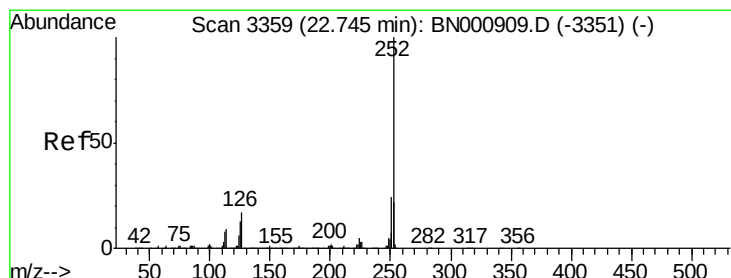
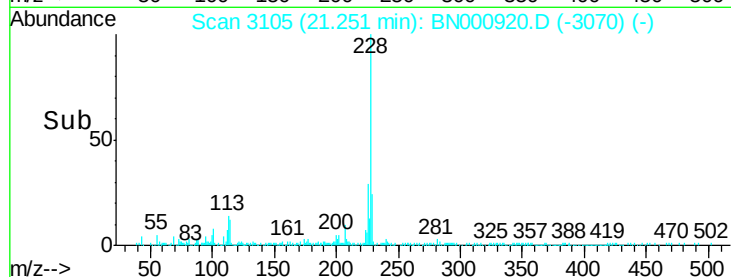
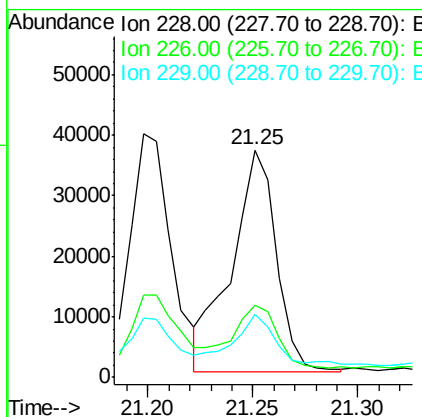
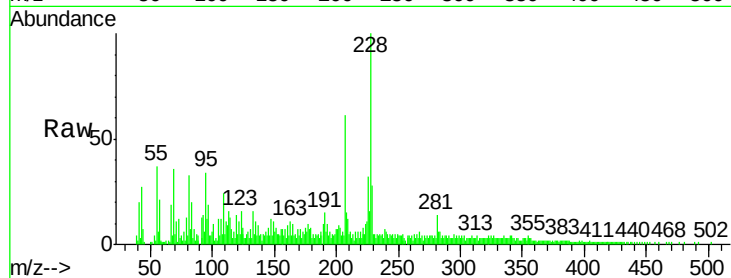
ClientSampled :

DAS44

Tot Ion:	228	Resp:	54598
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.5	36.7
229	27.7	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 3.339 ng/ul m

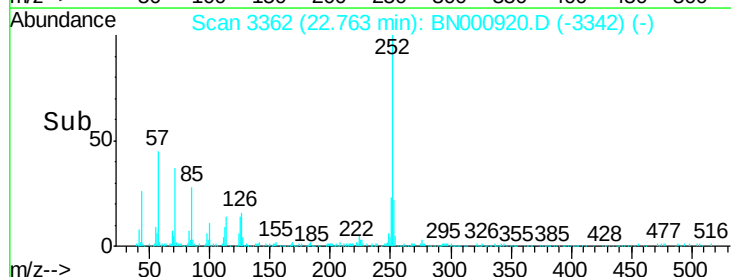
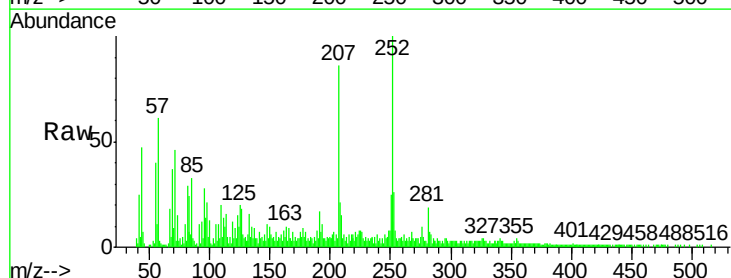
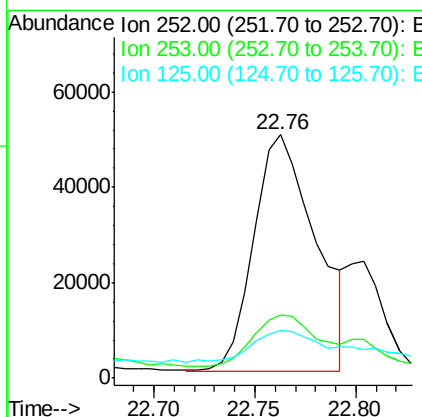
RT: 22.76 min Scan# 3362

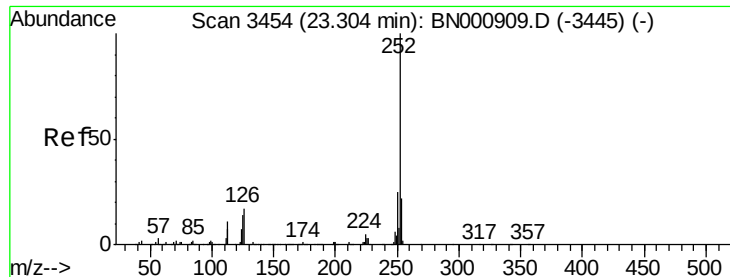
Delta R.T. 0.02 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Tgt Ion:	252	Resp:	106360
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.0	27.0
125	19.7	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 2.296 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.02 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Instrument :

BNA_N

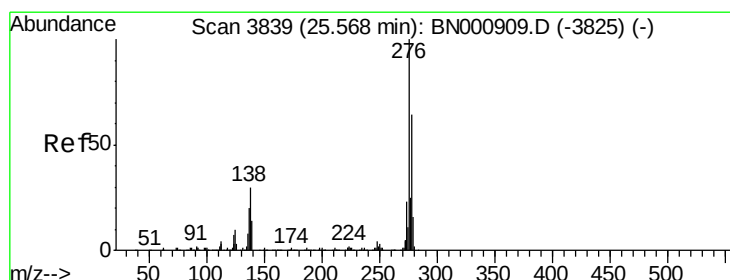
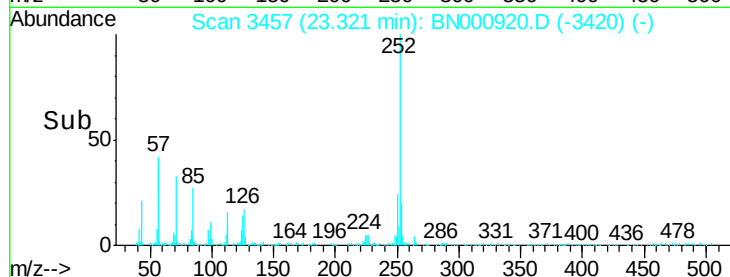
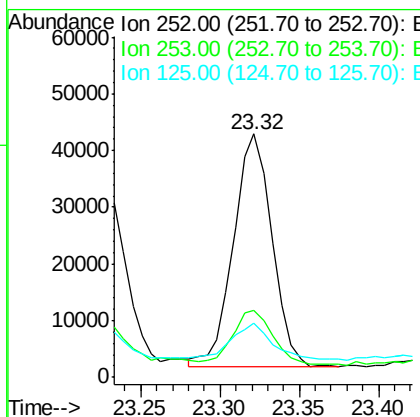
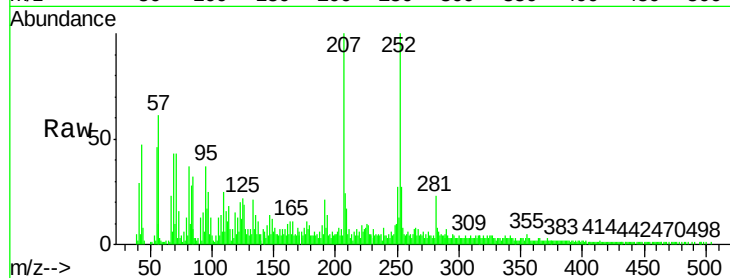
ClientSampled :

DAS44

Tot Ion:	252	Resp:	69900
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.2	25.8#
125	22.2	8.2	12.4#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 1.879 ng/ul

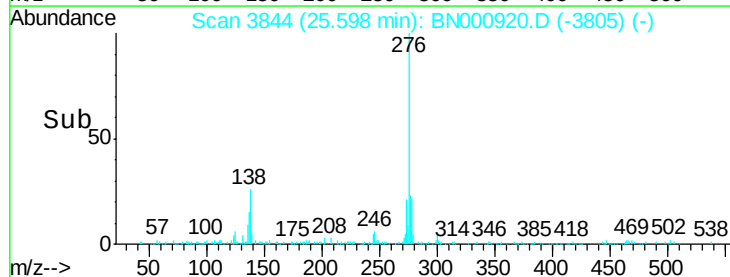
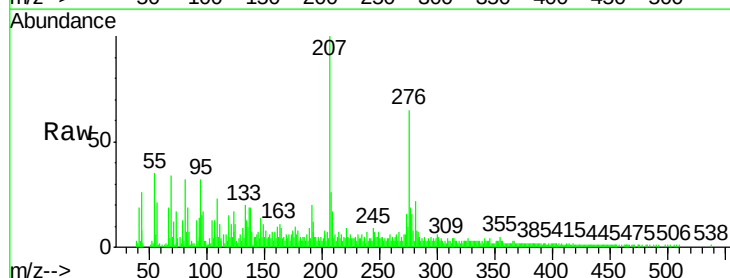
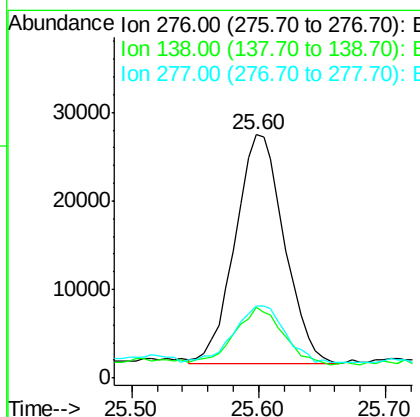
RT: 25.60 min Scan# 3844

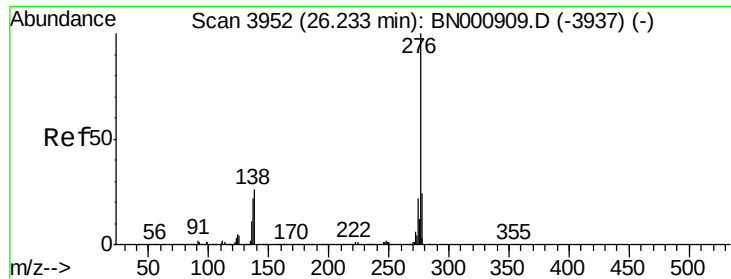
Delta R.T. 0.03 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Tgt Ion:	276	Resp:	69073
Ion Ratio	Lower	Upper	
276	100		
138	29.2	14.4	21.6#
277	29.7	18.0	27.0#





#29

Benzo(a,h,i)perylene

Concen: 2.156 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.04 min

Lab File: BN000920.D

Acq: 26 Apr 2018 07:58

Instrument :

BNA_N

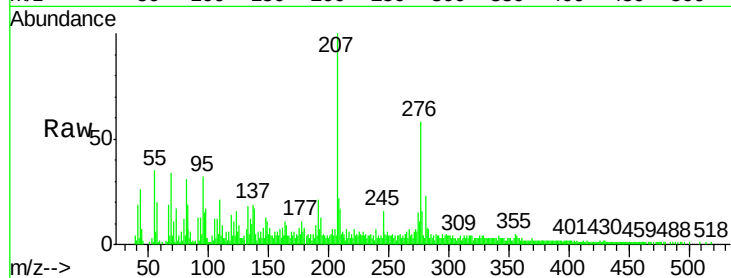
ClientSampleId :

DAS44

Tot Ion:	276	Resp:	66305
Ion Ratio	Lower	Upper	
276	100		
138	28.9	15.3	22.9#
277	28.1	19.0	28.4

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

