

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004255.D
 Acq On : 28 Dec 2018 09:13
 Operator : JU/SJ
 Sample : J6489-08DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 F9F76DL

Manual Integrations
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Quant Time: Dec 28 12:00:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 03:12:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	32134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	148048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	87775	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	206597	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	253319	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	257329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.99	99	8315	2.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	5880	3.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	7598	3.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	3844	1.45	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	3558	3.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	4013	3.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	6507	2.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	7179	3.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	27379	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	32463	3.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2339	1.44	ng/ul	0.02
57) Fluorene-d10	15.45	176	25235	3.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	1607	1.08	ng/ul	0.00
70) Anthracene-d10	17.30	188	41475	3.97	ng/ul	0.00
78) Pyrene-d10	19.60	212	42015	3.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	46869	3.36	ng/ul	0.00

Target Compounds

					Ovalue	
17) Hexachloroethane	8.99	117	1169	1.301	ng/ul#	6
32) Caprolactam	11.59	113	1272	1.342	ng/ul#	55
58) Fluorene	15.50	166	20939	2.809	ng/ul#	98
69) Phenanthrene	17.25	178	488985	40.964	ng/ul	99
71) Anthracene	17.34	178	29030	2.372	ng/ul	98
76) Fluoranthene	19.26	202	47812	3.268	ng/ul	99
79) Pyrene	19.63	202	144145	10.185	ng/ul	99
82) Benzo(a)anthracene	21.38	228	54927m	3.477	ng/ul	
84) Chrysene	21.43	228	95180	6.433	ng/ul	97
90) Benzo(a)pyrene	23.62	252	16663	1.122	ng/ul#	92

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

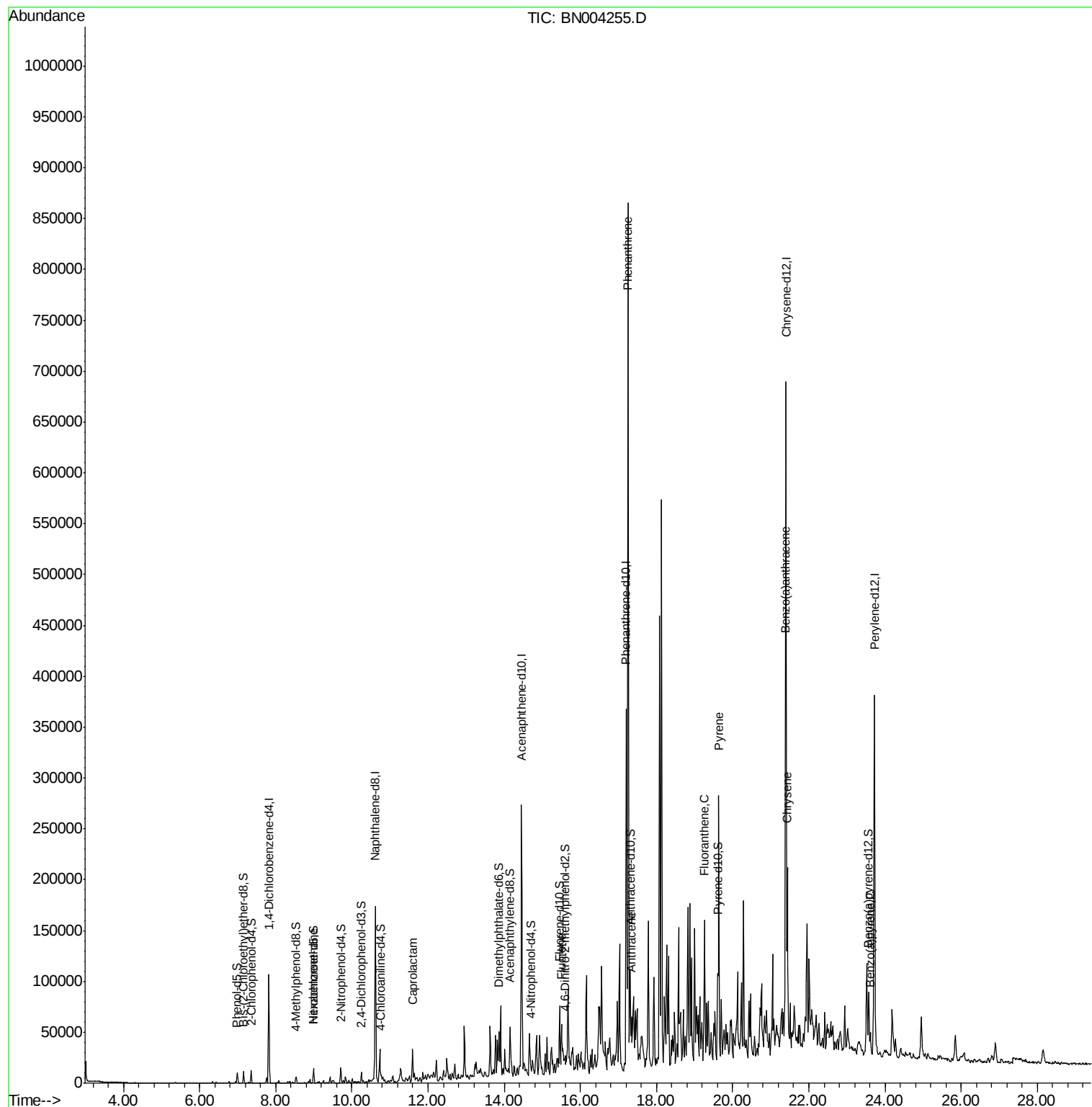
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004255.D
Acq On : 28 Dec 2018 09:13
Operator : JU/SJ
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ALS Vial : 3 Sample Multiplier: 1

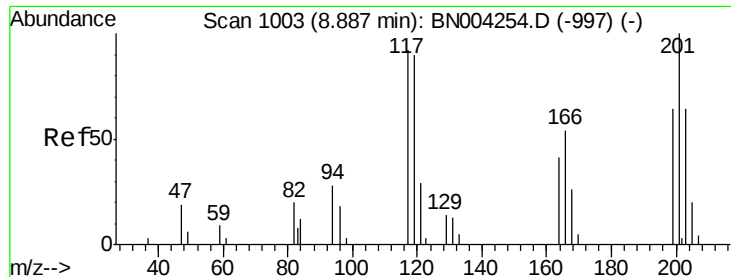
Instrument :
BNA_N
ClientSampleId :
F9F76DL

Quant Time: Dec 28 12:00:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

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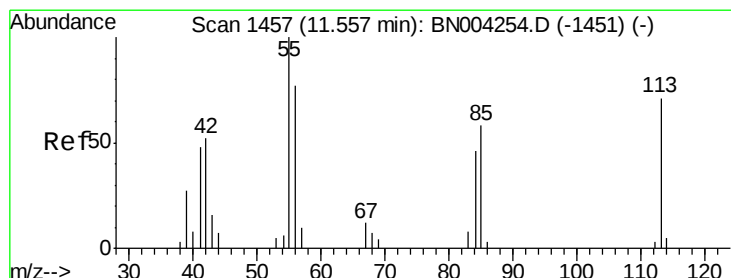
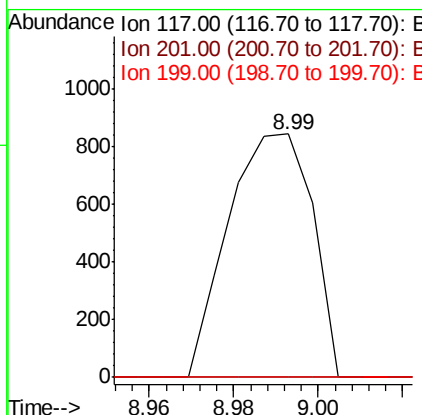
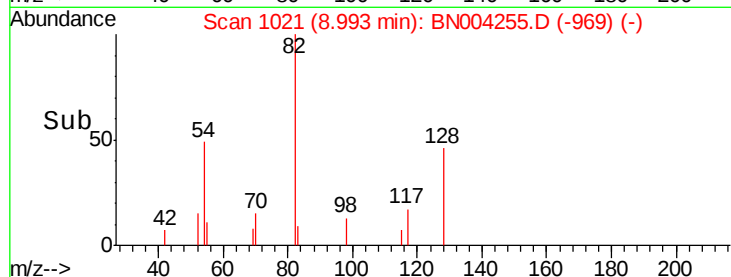
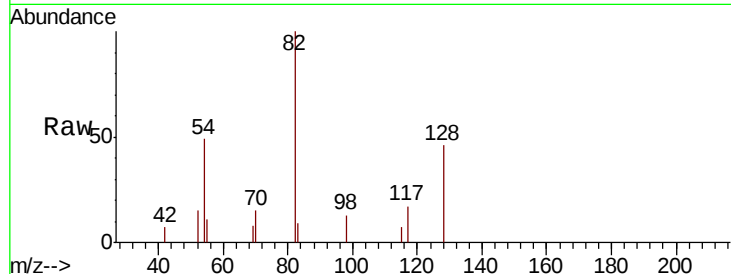
#17
Hexachloroethane
Concen: 1.301 ng/ul
RT: 8.99 min Scan# 1021
Delta R.T. 0.11 min
Lab File: BN004255.D
Acq: 28 Dec 2018 09:13

Instrument :
BNA_N
ClientSampled :
F9F76DL

Tot Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.1	123.1#
199	0.0	50.6	76.0#

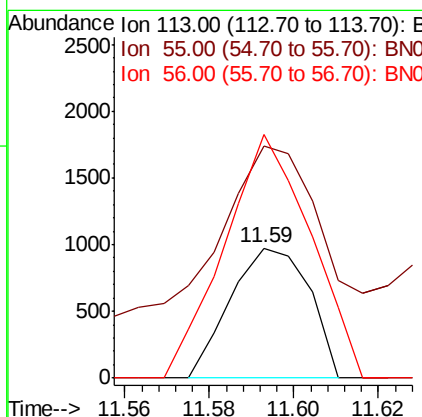
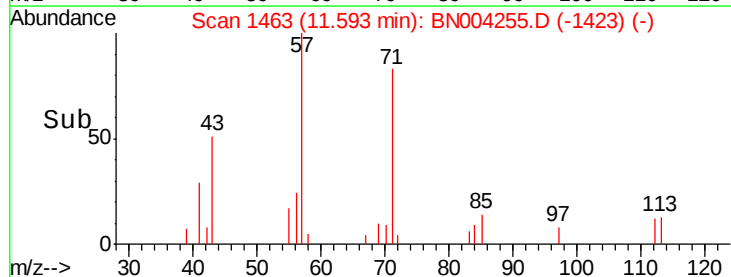
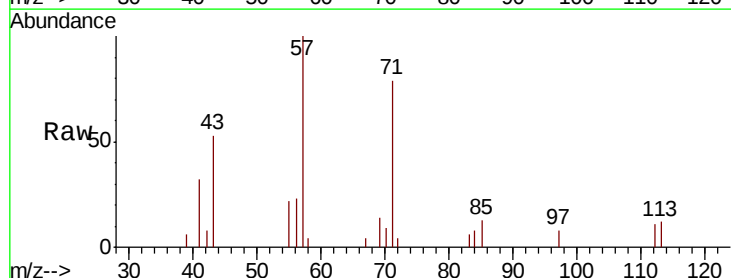
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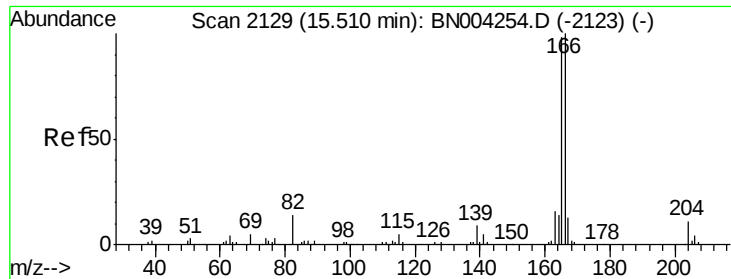
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#32
Caprolactam
Concen: 1.342 ng/ul
RT: 11.59 min Scan# 1463
Delta R.T. 0.04 min
Lab File: BN004255.D
Acq: 28 Dec 2018 09:13

Tgt Ion	Ratio	Lower	Upper
113	100		
55	178.3	116.6	175.0#
56	187.5	89.9	134.9#





#58

Fluorene

Concen: 2.809 ng/ul

RT: 15.50 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BN004255.D

Acq: 28 Dec 2018 09:13

Instrument :

BNA_N

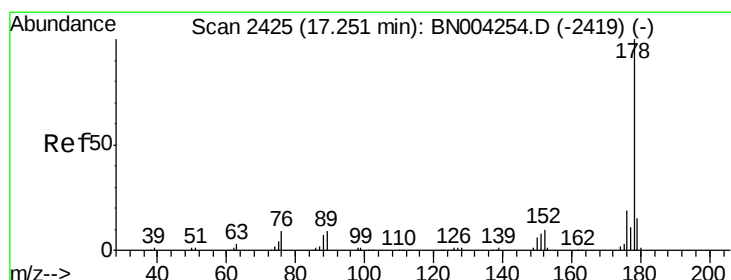
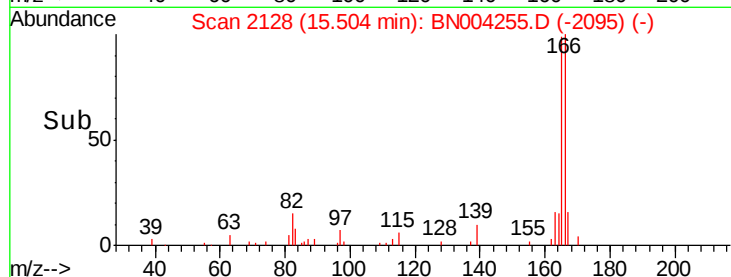
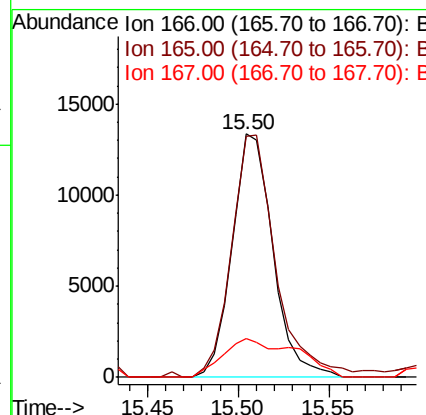
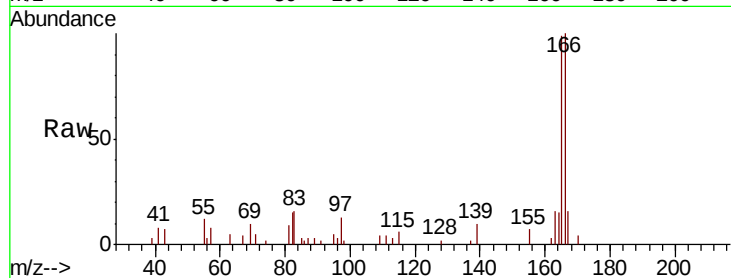
ClientSampled :

F9F76DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	15.7	10.3	15.5#

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#69

Phenanthrene

Concen: 40.964 ng/ul

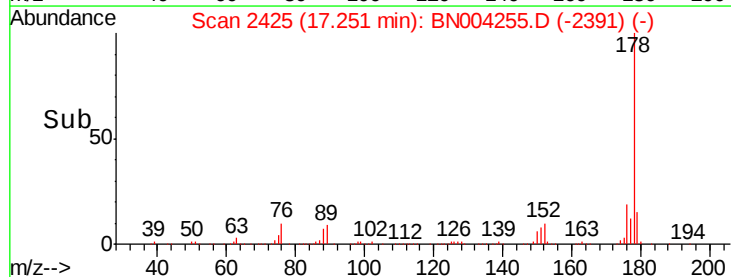
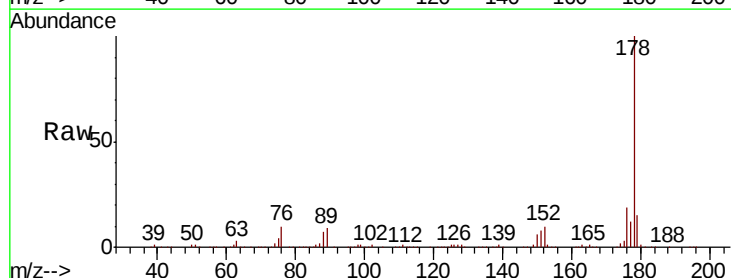
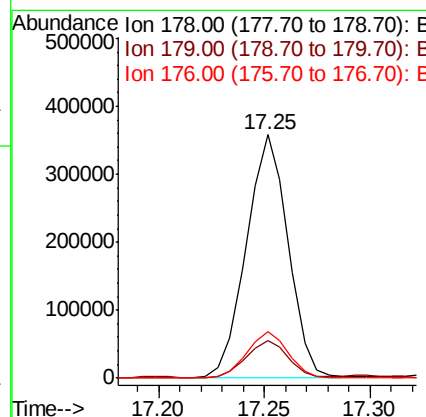
RT: 17.25 min Scan# 2425

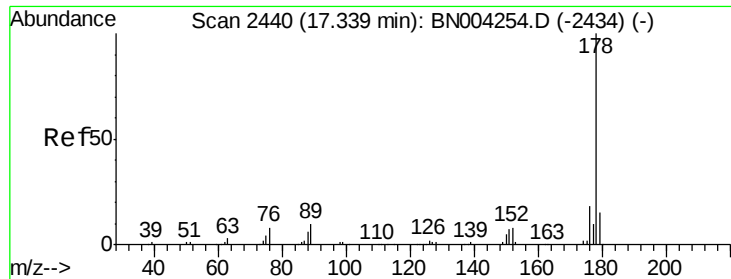
Delta R.T. 0.00 min

Lab File: BN004255.D

Acq: 28 Dec 2018 09:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	19.3	15.0	22.6





#71

Anthracene

Concen: 2.372 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN004255.D

Acq: 28 Dec 2018 09:13

Instrument :

BNA_N

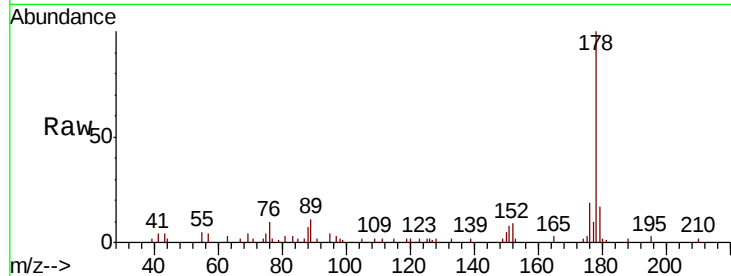
ClientSampleID :

F9F76DL

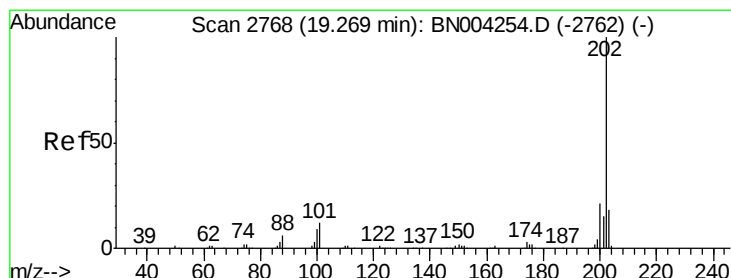
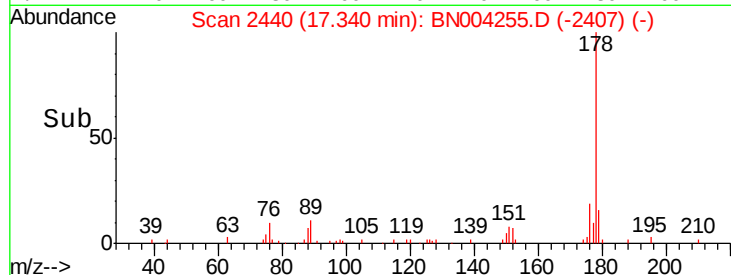
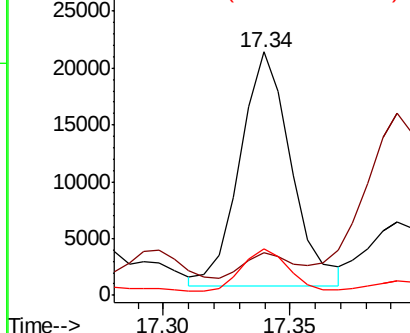
Tot Ion:	178	Resp:	29030
Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.1	18.1
176	18.9	15.2	22.8

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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



#76

Fluoranthene

Concen: 3.268 ng/ul

RT: 19.26 min Scan# 2767

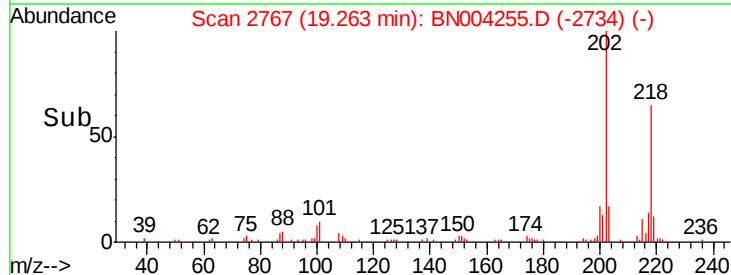
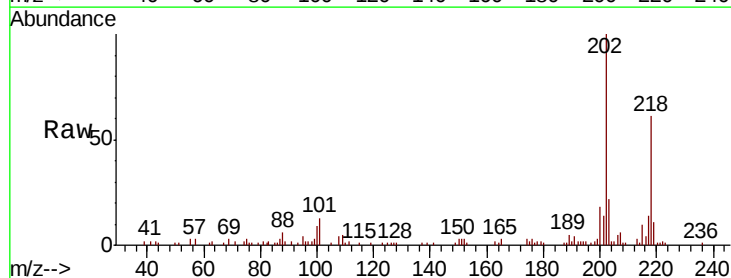
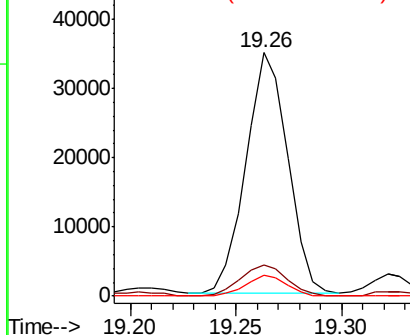
Delta R.T. -0.01 min

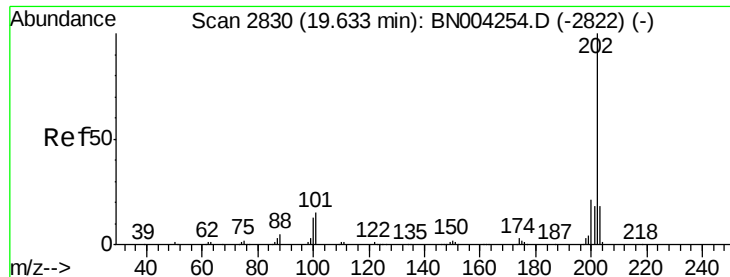
Lab File: BN004255.D

Acq: 28 Dec 2018 09:13

Tgt Ion:	202	Resp:	47812
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.2
100	8.7	7.8	11.8

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





#79

Pvrene

Concen: 10.185 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BN004255.D

Acq: 28 Dec 2018 09:13

Instrument :

BNA_N

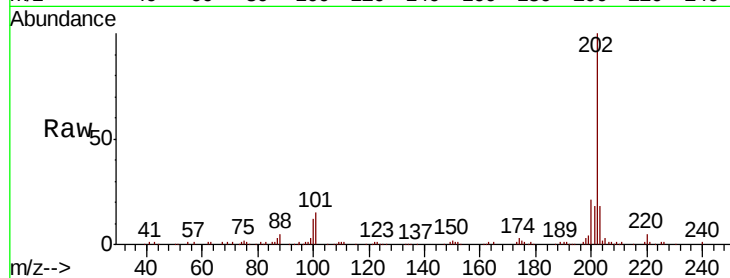
ClientSampled :

F9F76DL

Tot Ion:	202	Resp:	144145
Ion Ratio		Lower	Upper
202	100		
101	15.1	12.2	18.2
100	11.9	9.9	14.9

Manual Integrations
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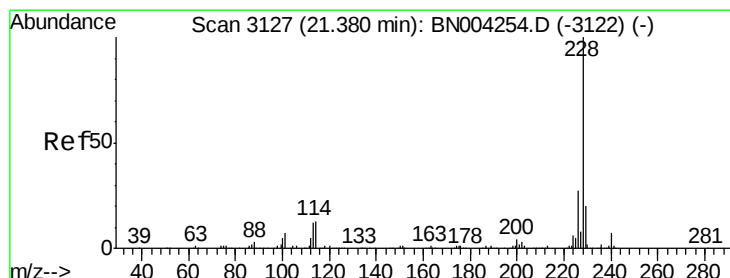
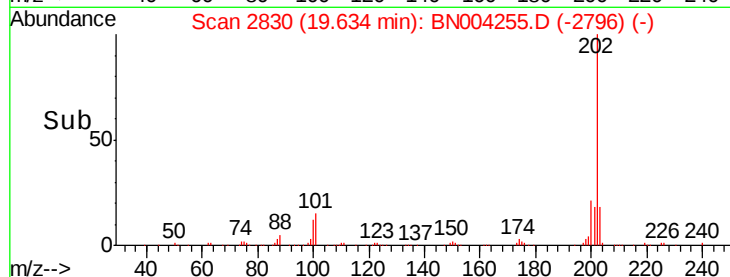
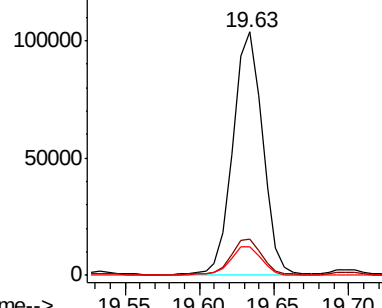
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 3.477 ng/ul m

RT: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN004255.D

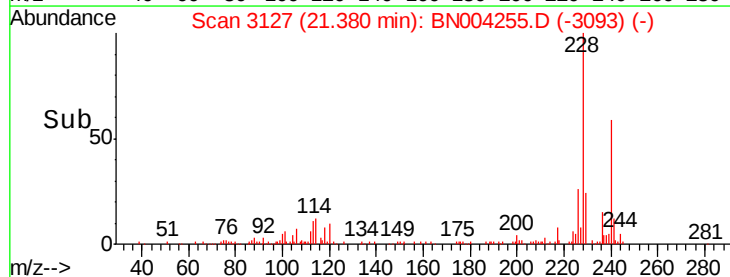
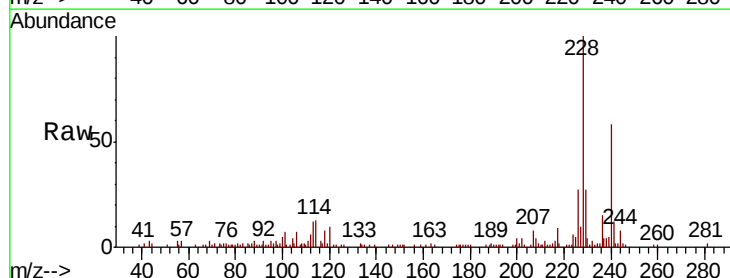
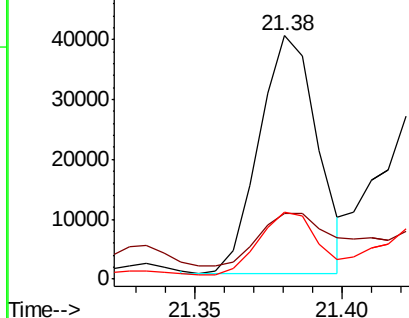
Acq: 28 Dec 2018 09:13

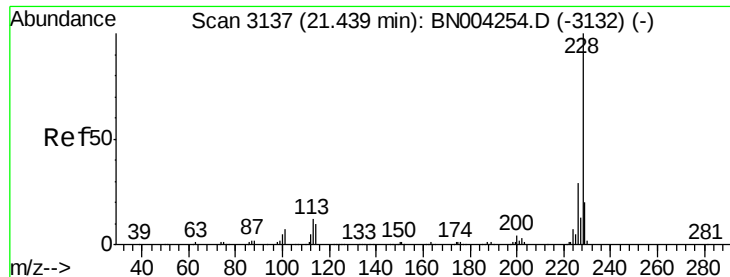
Tgt Ion:	228	Resp:	54927
Ion Ratio		Lower	Upper
228	100		
229	26.8	15.9	23.9#
226	27.5	21.4	32.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 6.433 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BN004255.D

Acq: 28 Dec 2018 09:13

Instrument :

BNA_N

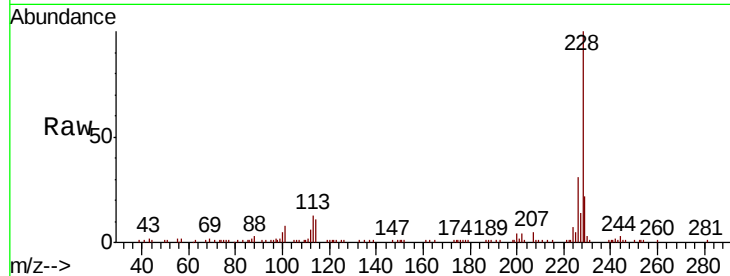
ClientSampleId :

F9F76DL

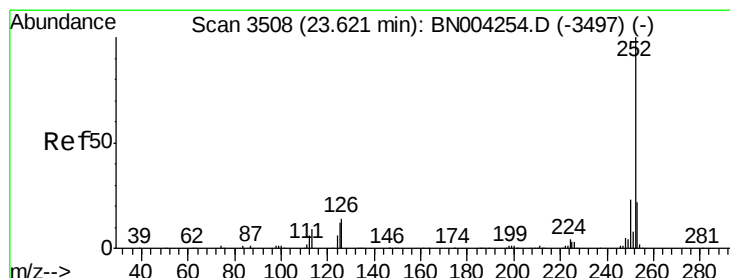
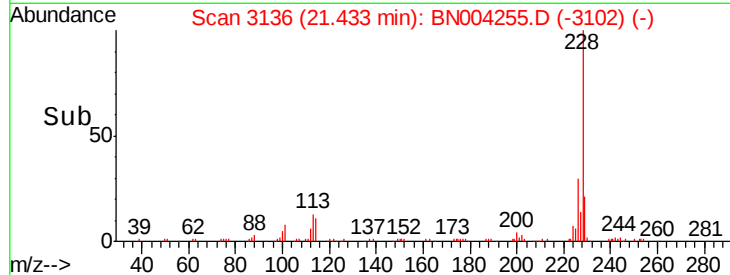
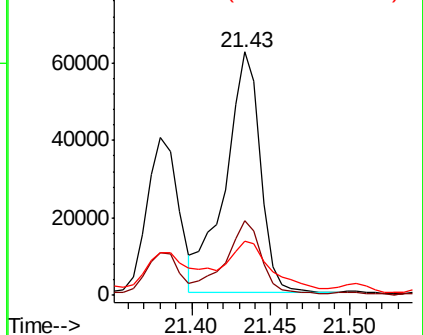
Tot Ion:	228	Resp:	95180
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.8	35.8
229	22.3	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#90

Benzo(a)pyrene

Concen: 1.122 ng/ul

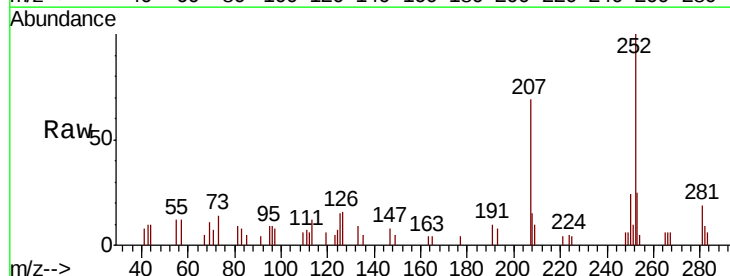
RT: 23.62 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BN004255.D

Acq: 28 Dec 2018 09:13

Tgt Ion:	252	Resp:	16663
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.5	26.3
125	15.1	9.1	13.7#



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

