

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
 Data File : BN004175.D
 Acq On : 21 Dec 2018 23:59
 Operator : JU/SJ
 Sample : J6476-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AA5

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:22:44 PM

Quant Time: Dec 22 05:46:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 22 04:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	45692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	199750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	112232	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	235591	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	203922	20.00	ng/ul	0.01
85) Perylene-d12	23.76	264	208288m	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2253	3.23	ng/uL	0.00
5) Phenol-d5	6.99	99	63012	14.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	41298	16.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	55086	15.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	32788	8.71	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	29980	18.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	30119	16.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	47061	14.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	51357	16.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	179784	17.95	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	235226	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	464	0.22	ng/ul	-0.01
57) Fluorene-d10	15.46	176	159514	18.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	1609	0.95	ng/ul	0.01
70) Anthracene-d10	17.31	188	235883	19.81	ng/ul	0.00
78) Pyrene-d10	19.62	212	235846	25.85	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.60	264	218737m	19.36	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.02	94	9989	2.203	ng/ul	96
28) Naphthalene	10.67	128	31053	2.898	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	13800	1.710	ng/ul	93
44) Dimethylphthalate	13.91	163	51720	5.288	ng/ul	97
47) Acenaphthylene	14.19	152	15008	1.325	ng/ul#	84
69) Phenanthrene	17.26	178	97874	7.190	ng/ul#	92
71) Anthracene	17.35	178	28232	2.023	ng/ul#	83
76) Fluoranthene	19.28	202	195053	11.690	ng/ul	99
79) Pvrene	19.65	202	621465	54.550	ng/ul	98
82) Benzo(a)anthracene	21.40	228	150624	11.845	ng/ul#	70
84) Chrysene	21.45	228	222959	18.719	ng/ul#	82
87) Benzo(b)fluoranthene	23.04	252	146063m	11.707	ng/ul	
88) Benzo(k)fluoranthene	23.08	252	53226m	4.556	ng/ul	
90) Benzo(a)pyrene	23.65	252	138444m	11.522	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.13	276	76926m	4.911	ng/ul	
92) Dibenzo(a,h)anthracene	26.13	278	27294m	2.096	ng/ul	
93) Benzo(q,h,i)perylene	26.87	276	119436m	9.110	ng/ul	

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

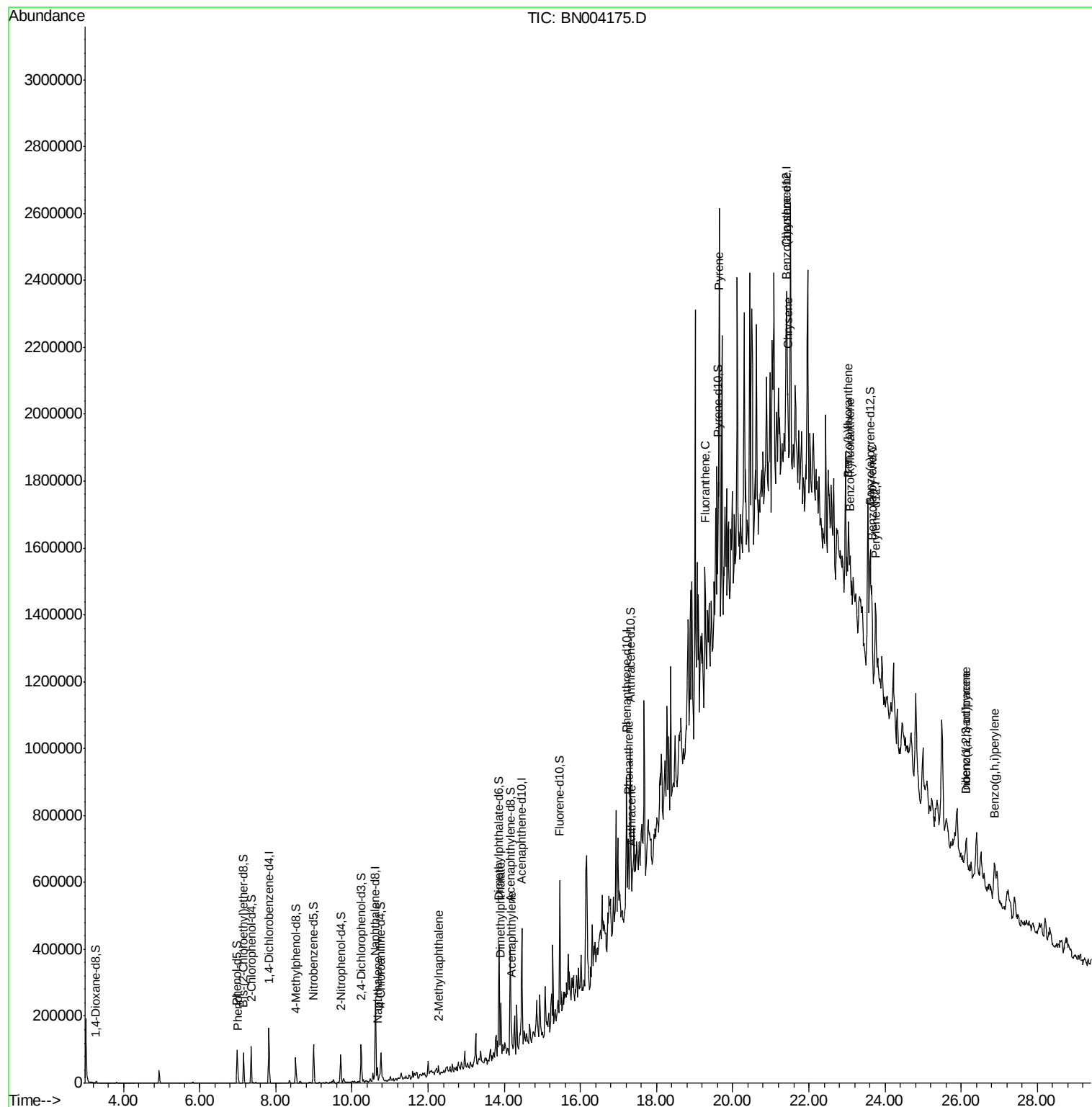
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
Data File : BN004175.D
Acq On : 21 Dec 2018 23:59
Operator : JU/SJ
Sample : J6476-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

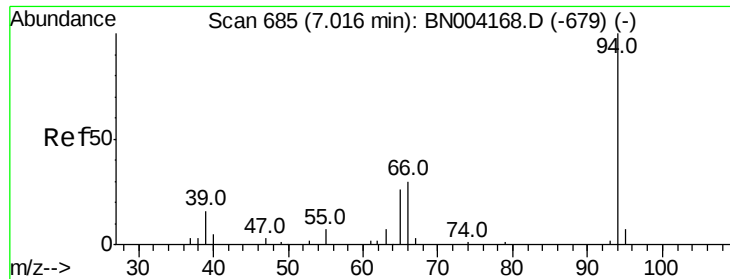
Instrument :
BNA_N
ClientSampled :
C5AA5

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Quant Time: Dec 22 05:46:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:57:58 2018
Response via : Initial Calibration





#6

Phenol

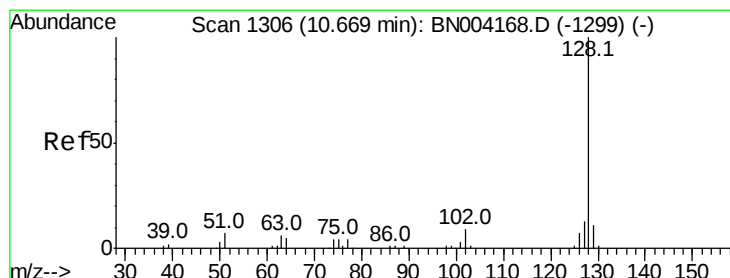
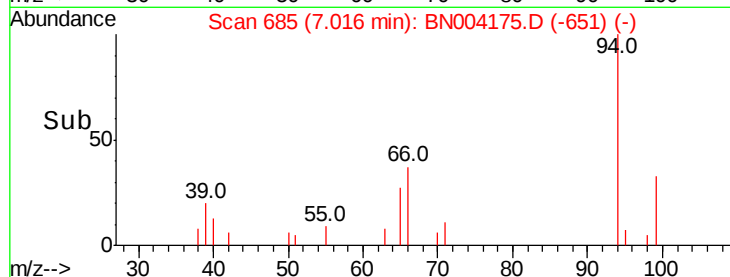
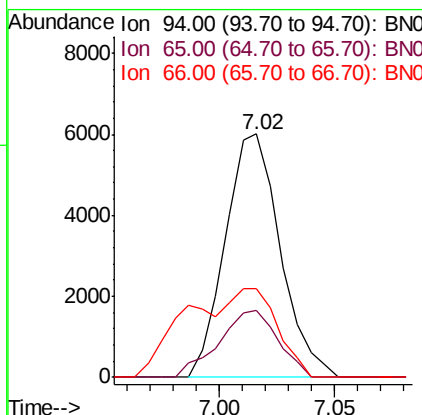
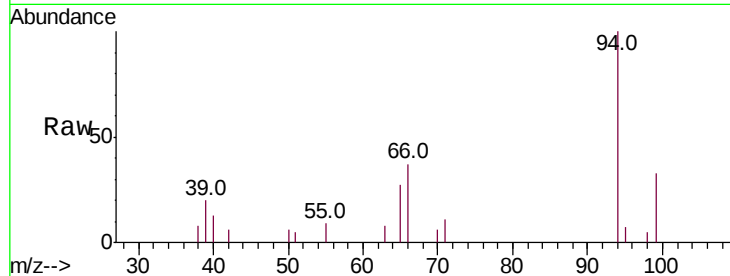
Concen: 2.203 ng/ul
 RT: 7.02 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

Instrument :
 BNA_N
 ClientSampleId :
 C5AA5

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.3	21.2	31.8
66	36.7	26.9	40.3

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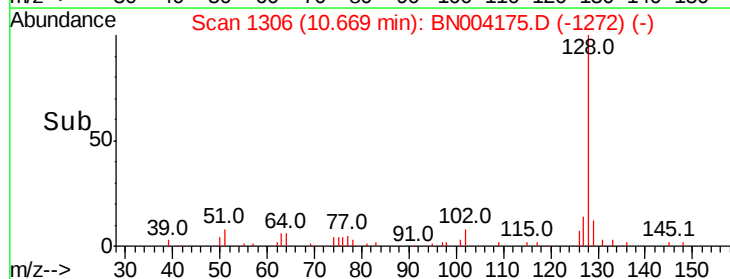
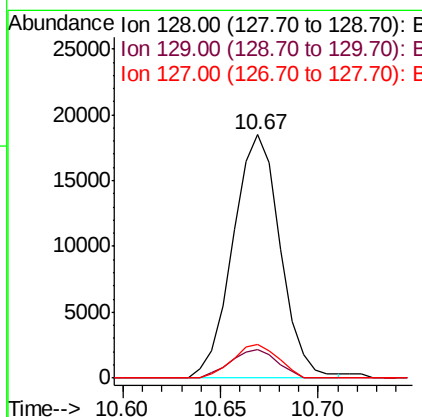
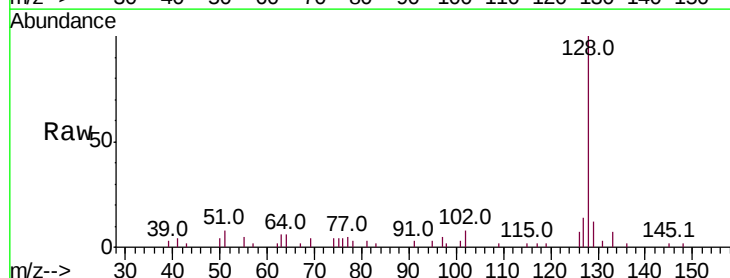


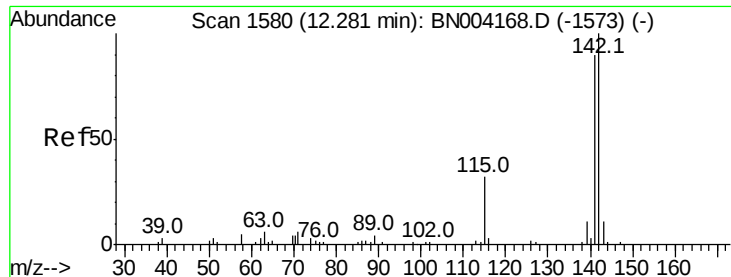
#28

Naphthalene

Concen: 2.898 ng/ul
 RT: 10.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	13.7	10.6	16.0





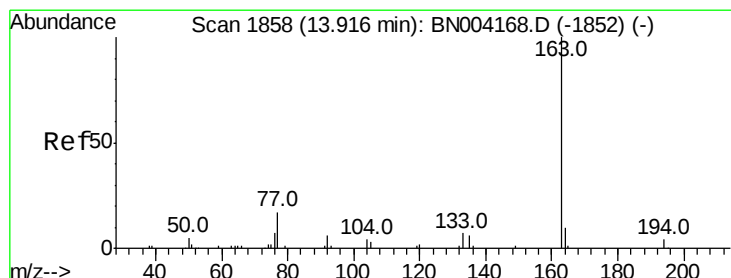
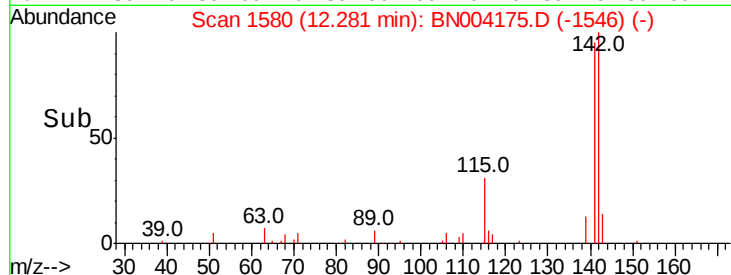
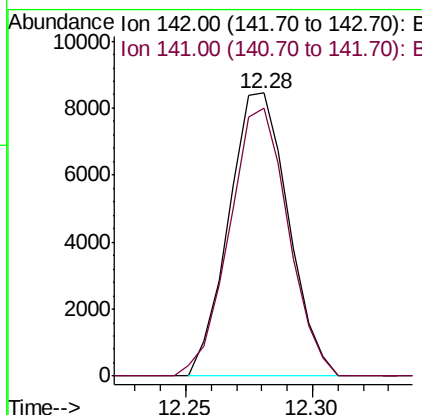
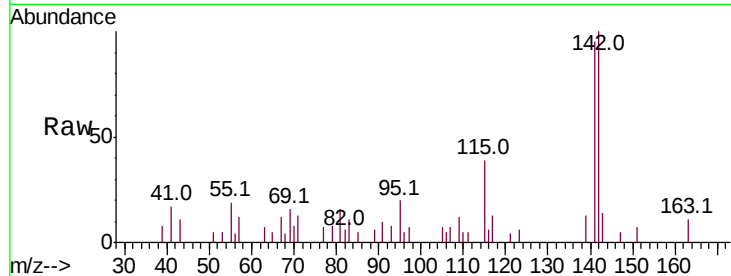
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2-Methylnaphthalene
Concen: 1.710 ng/ul
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Instrument :
BNA_N
ClientSampleId :
C5AA5

Tot Ion:142 Resp: 13800
Ion Ratio Lower Upper
142 100
141 94.6 70.2 105.2

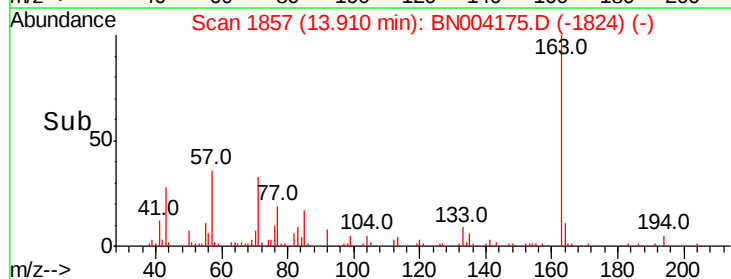
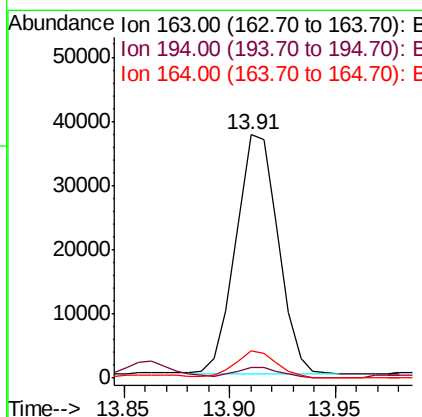
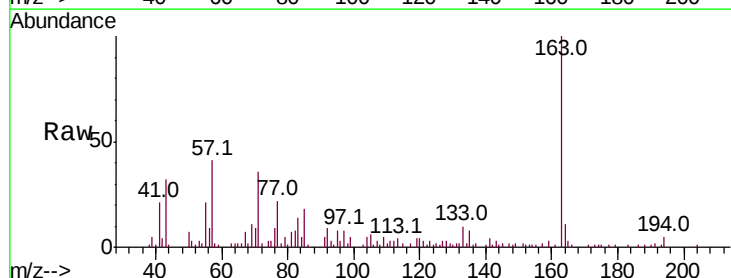
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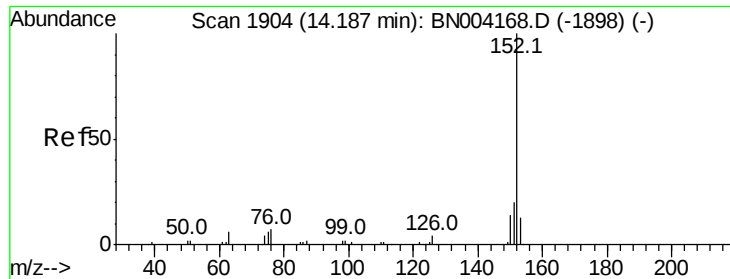
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#44
Dimethylphthalate
Concen: 5.288 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Tgt Ion:163 Resp: 51720
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 11.1 7.9 11.9





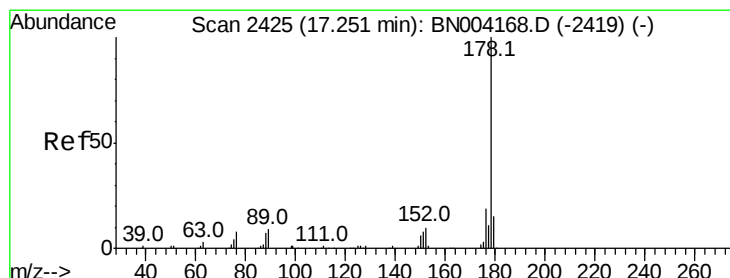
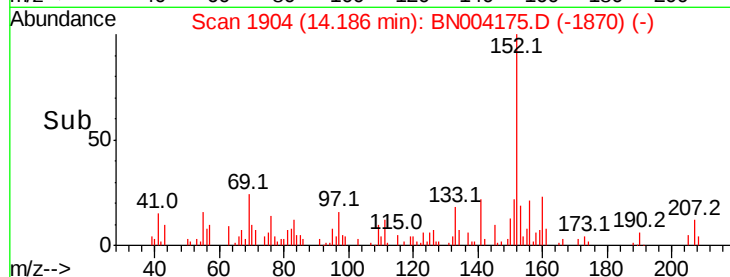
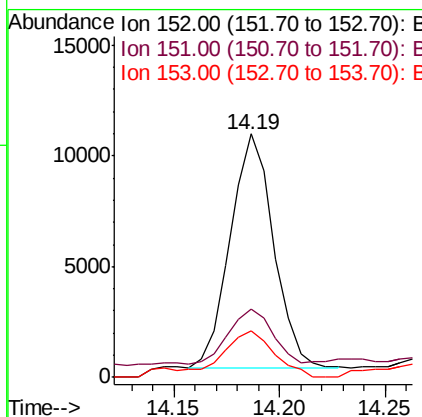
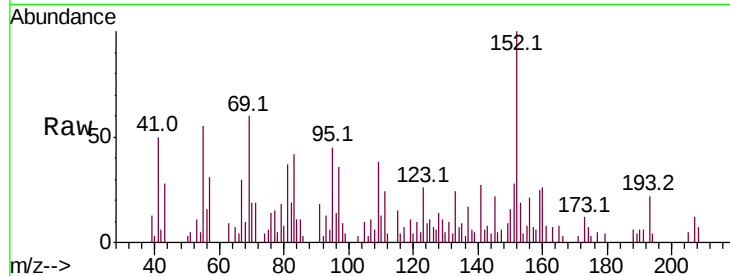
#47
Acenaphthylene
Concen: 1.325 ng/ul
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Instrument :
BNA_N
ClientSampleId :
C5AA5

Tot Ion	Ratio	Lower	Upper
152	100		
151	27.9	16.2	24.2#
153	19.2	10.6	15.8#

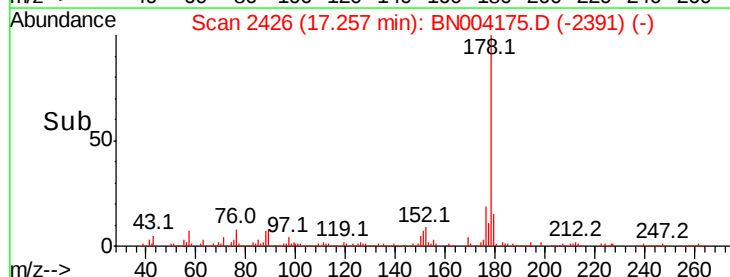
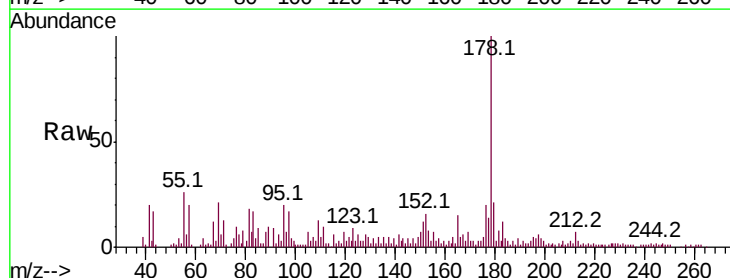
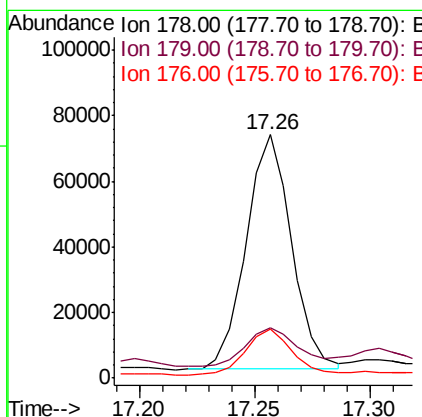
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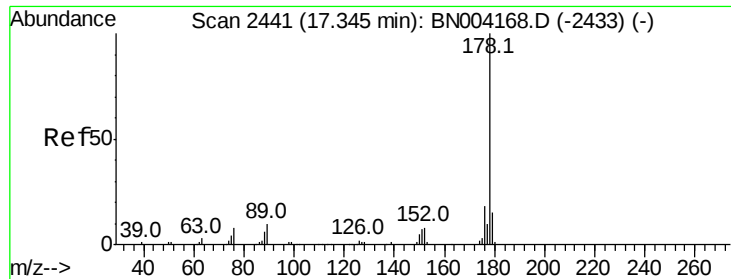
Sohil
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#69
Phenanthrene
Concen: 7.190 ng/ul
RT: 17.26 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.7	12.1	18.1#
176	20.1	15.0	22.6





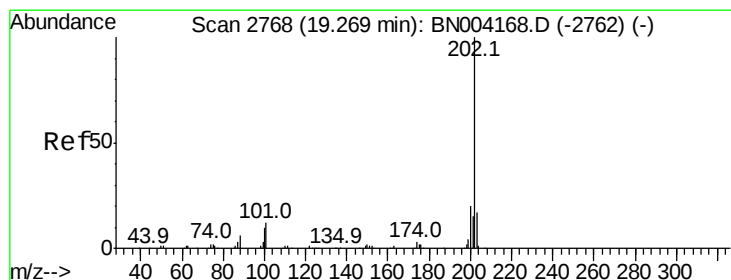
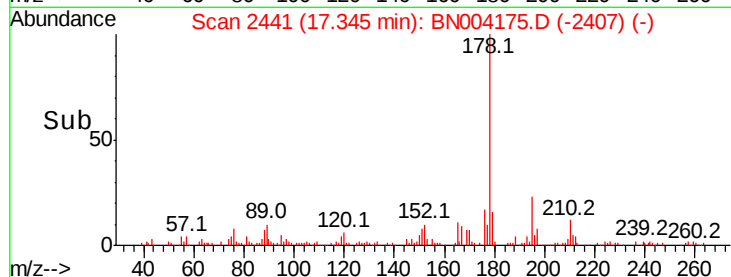
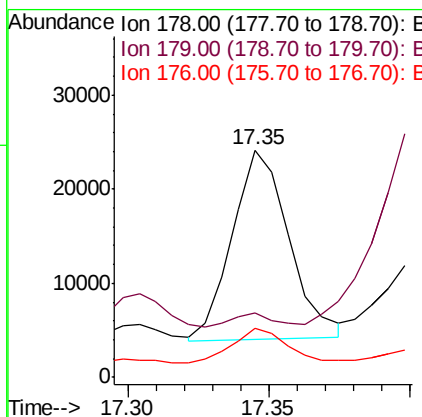
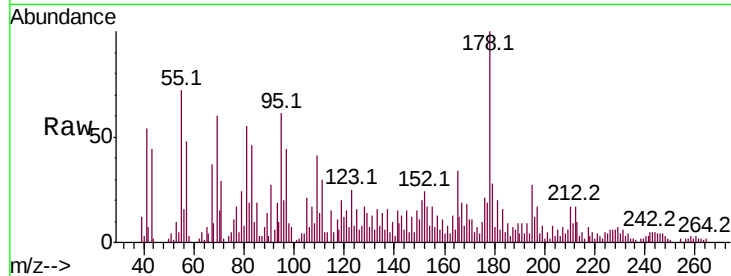
#71
 Anthracene
 Concen: 2.023 ng/ul
 RT: 17.35 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

Instrument :
 BNA_N
 ClientSampleId :
 C5AA5

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.5	12.1	18.1
176	21.4	15.2	22.8

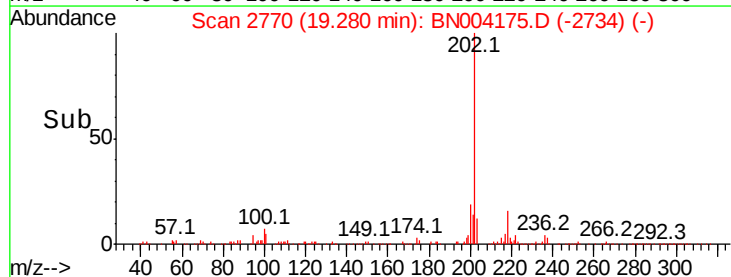
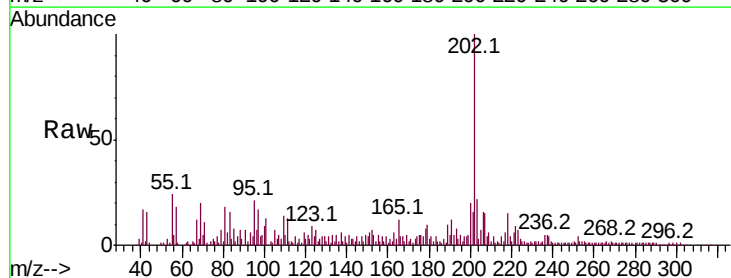
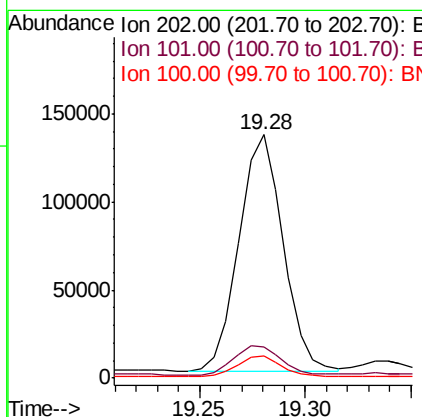
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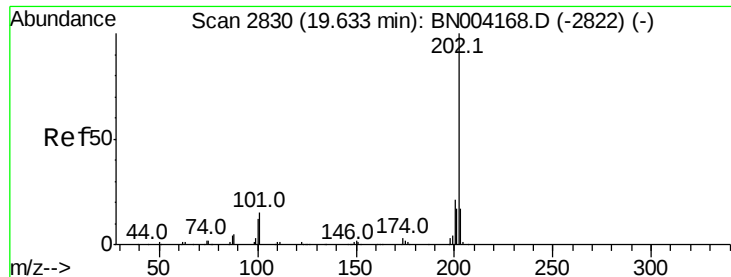
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#76
 Fluoranthene
 Concen: 11.690 ng/ul
 RT: 19.28 min Scan# 2770
 Delta R.T. 0.01 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
100	9.1	7.8	11.8





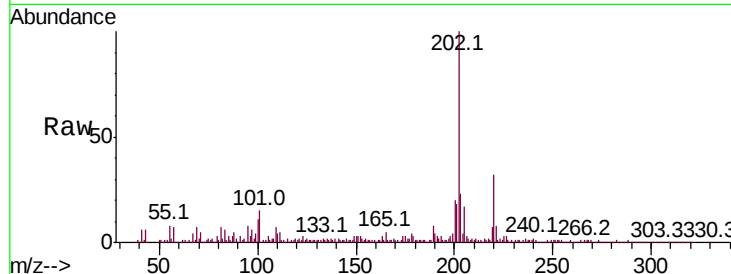
#79
Pvrene
Concen: 54.550 ng/ul
RT: 19.65 min Scan# 2833
Delta R.T. 0.02 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Instrument :
BNA_N
ClientSampleId :
C5AA5

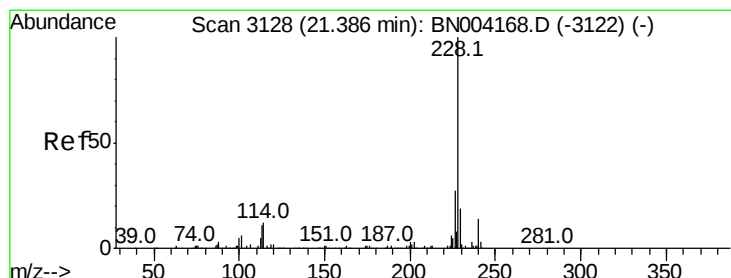
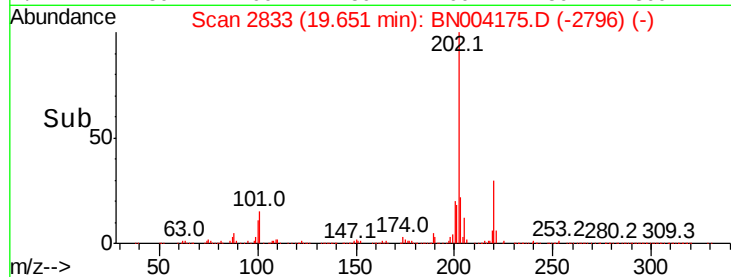
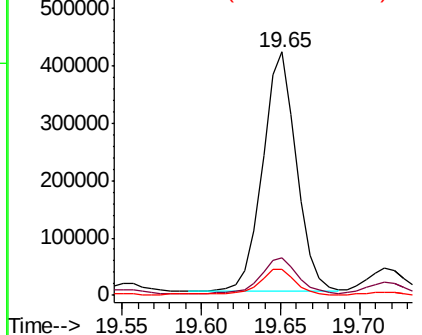
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	12.2	18.2
100	10.6	9.9	14.9

Manual Integrations
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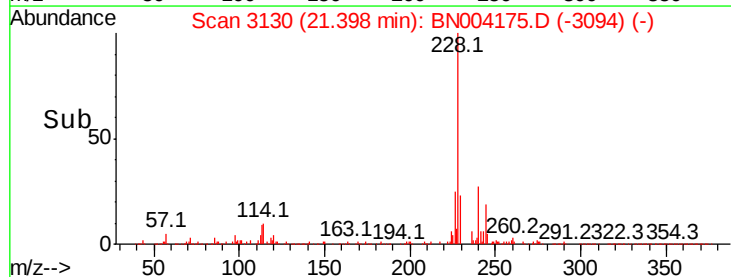
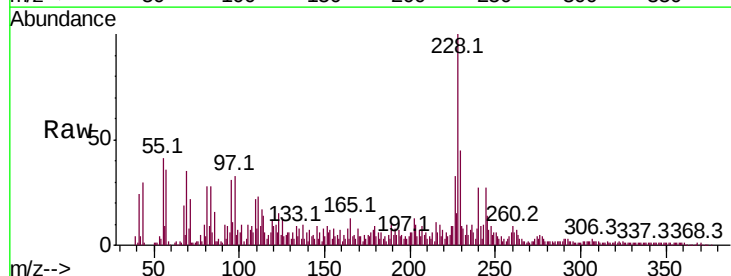
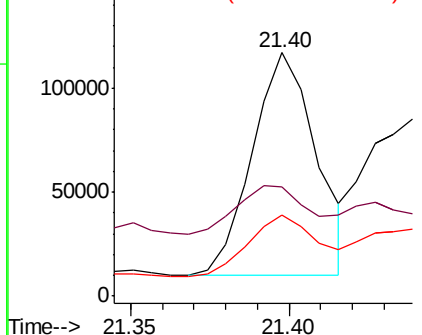
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

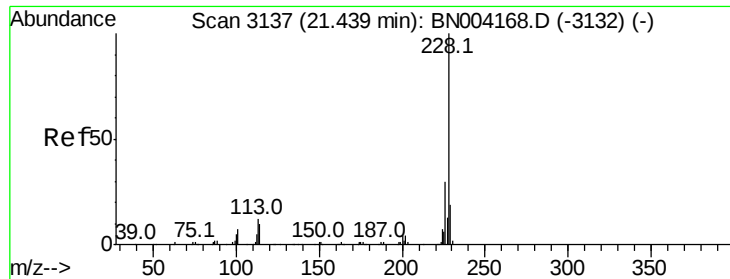


#82
Benzo(a)anthracene
Concen: 11.845 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	44.9	15.9	23.9#
226	33.1	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





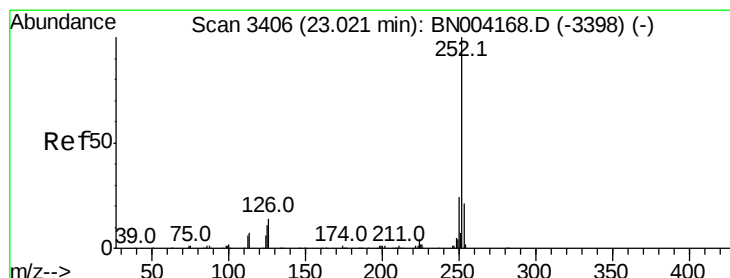
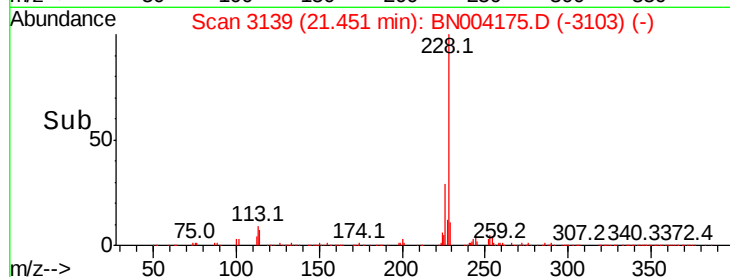
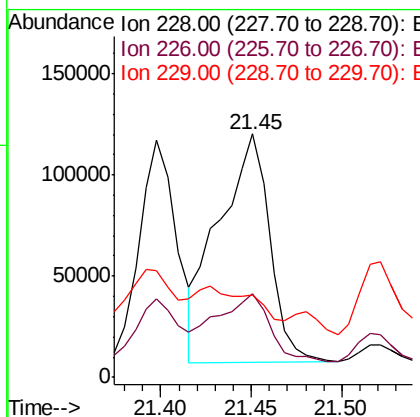
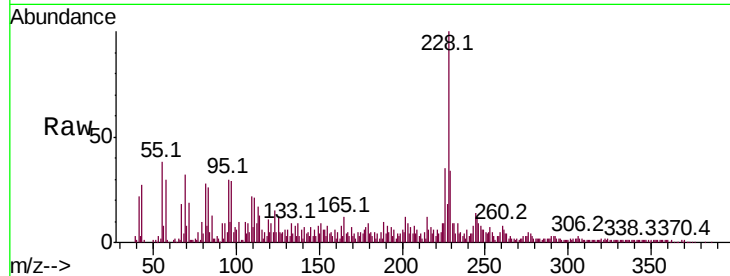
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Chrysene
Concen: 18.719 ng/ul
RT: 21.45 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Instrument :
BNA_N
ClientSampleID :
C5AA5

Tot Ion	Ratio	Resp	Lower	Upper
228	100	222959		
226	34.5		23.8	35.8
229	34.0		15.8	23.6#

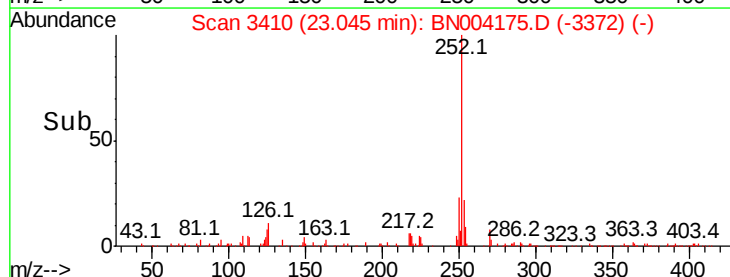
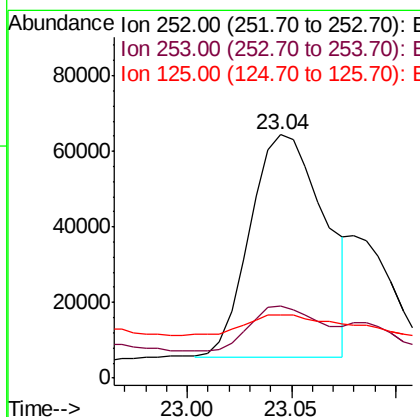
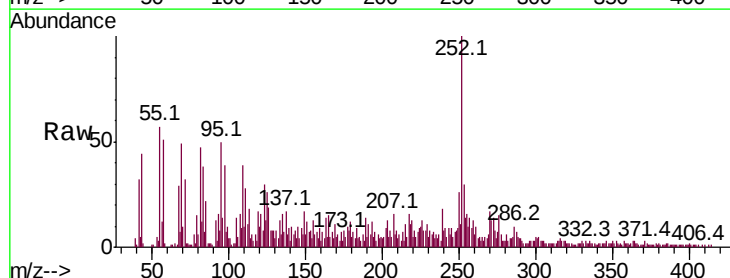
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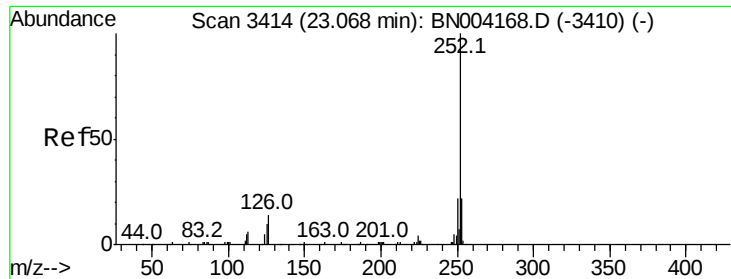
Sohil
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#87
Benzo(b)fluoranthene
Concen: 11.707 ng/ul m
RT: 23.04 min Scan# 3410
Delta R.T. 0.02 min
Lab File: BN004175.D
Acq: 21 Dec 2018 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	146063		
253	29.7		17.3	25.9#
125	26.2		8.2	12.4#





#88

Benzo(k)fluoranthene

Concen: 4.556 ng/ul m

RT: 23.08 min Scan# 3416

Delta R.T. 0.01 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Instrument :

BNA_N

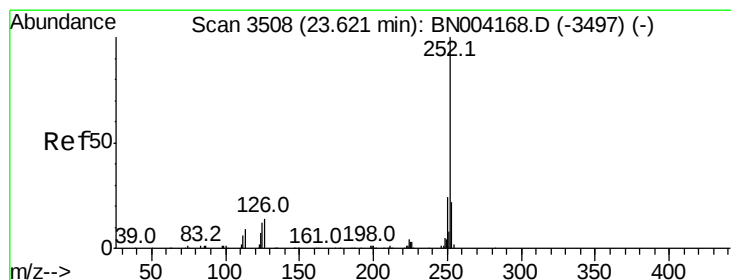
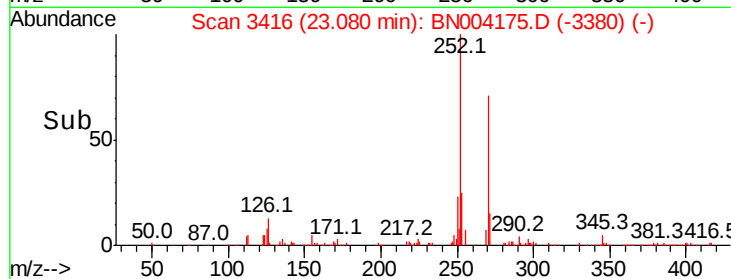
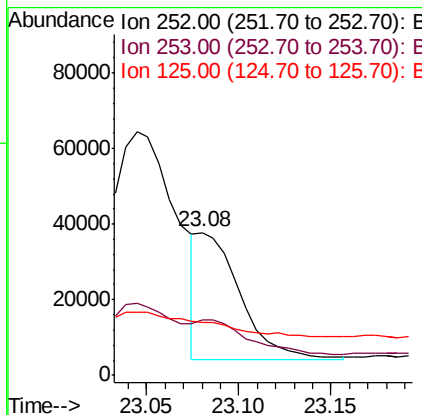
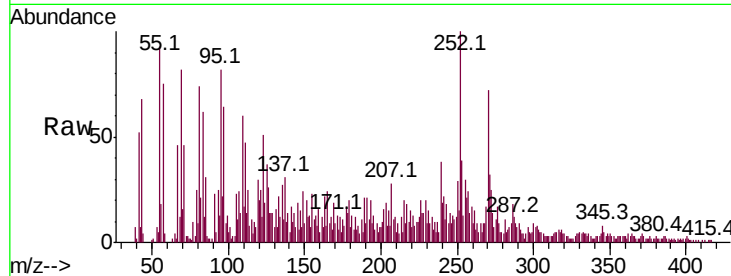
ClientSampleId :

C5AA5

Tot Ion:	252	Resp:	53226
Ion Ratio	Lower	Upper	
252	100		
253	38.8	17.1	25.7#
125	37.3	7.9	11.9#

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#90

Benzo(a)pyrene

Concen: 11.522 ng/ul m

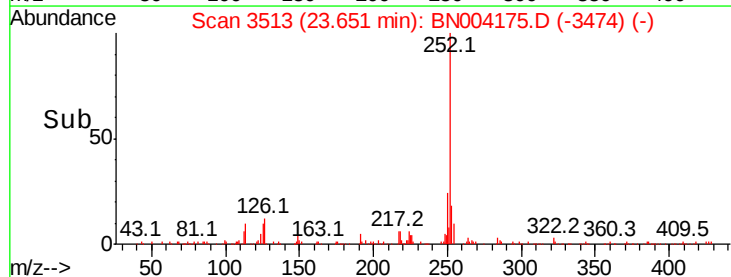
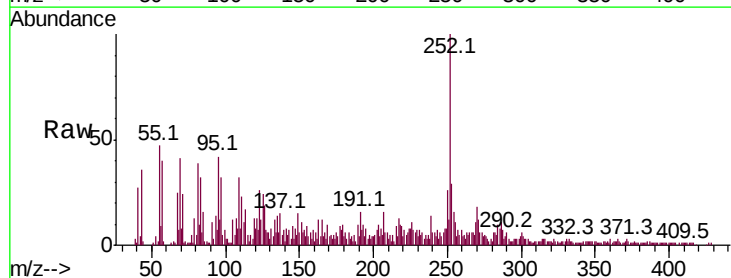
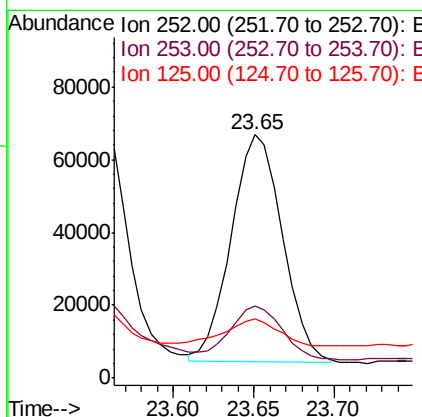
RT: 23.65 min Scan# 3513

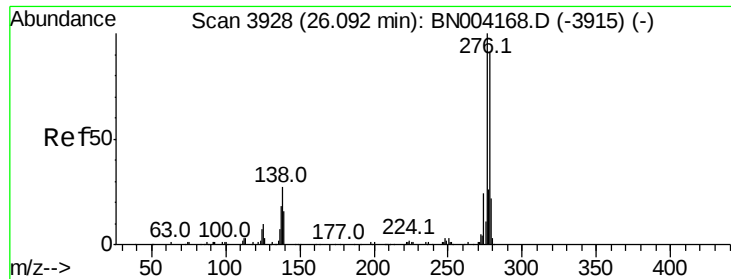
Delta R.T. 0.03 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Tgt Ion:	252	Resp:	138444
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.5	26.3#
125	24.2	9.1	13.7#





#91

Indeno(1,2,3-cd)pyrene

Concen: 4.911 ng/ul m

RT: 26.13 min Scan# 3935

Delta R.T. 0.04 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Instrument :

BNA_N

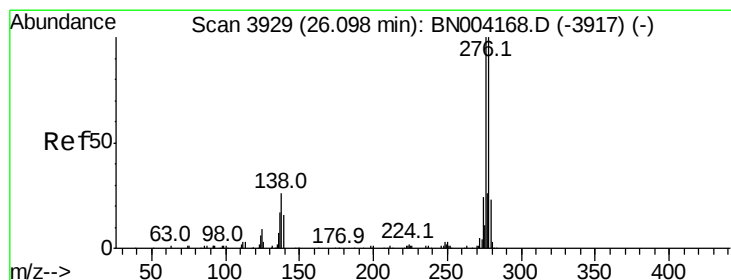
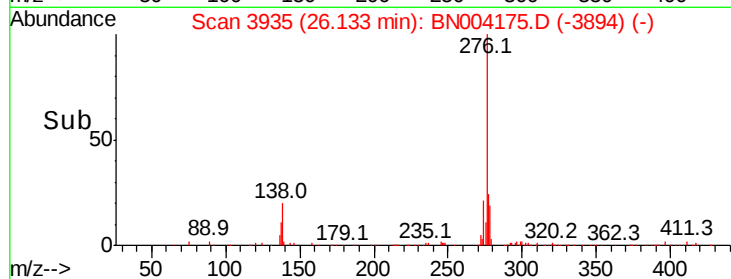
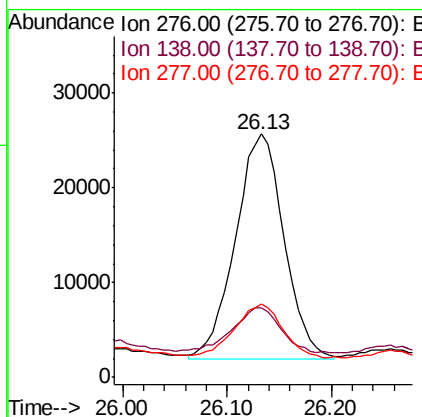
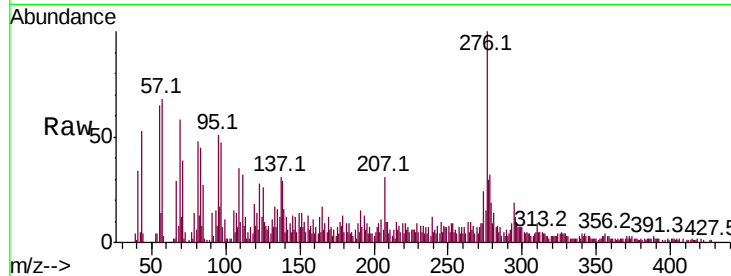
ClientSampleId :

C5AA5

Tot Ion:	276	Resp:	76926
Ion Ratio	Lower	Upper	
276	100		
138	28.7	20.4	30.6
277	30.0	20.6	30.8

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#92

Dibenzo(a,h)anthracene

Concen: 2.096 ng/ul m

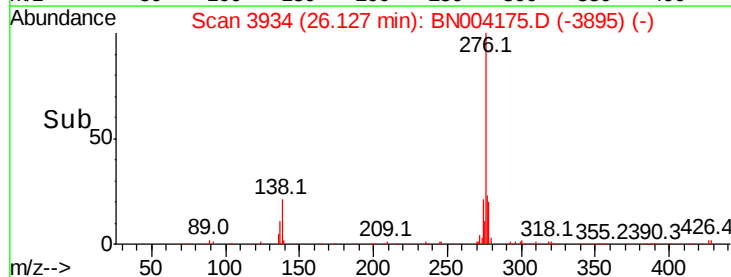
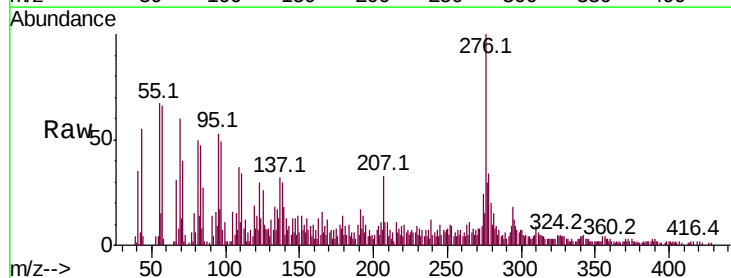
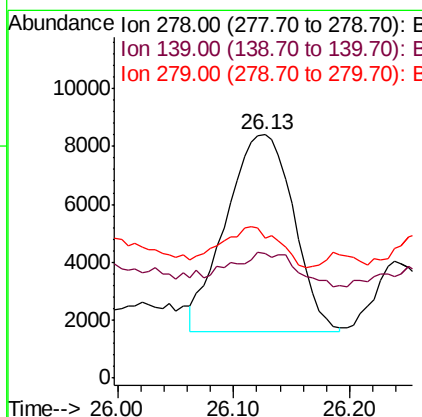
RT: 26.13 min Scan# 3934

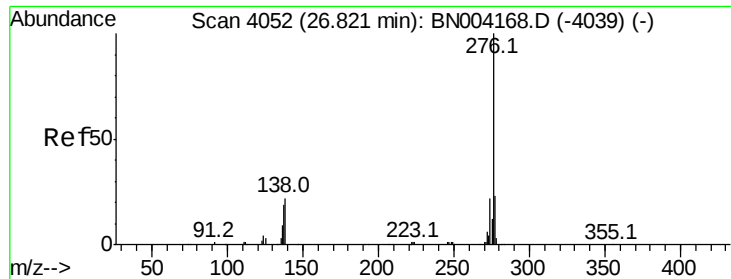
Delta R.T. 0.03 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Tgt Ion:	278	Resp:	27294
Ion Ratio	Lower	Upper	
278	100		
139	51.2	13.3	19.9#
279	57.6	19.0	28.6#





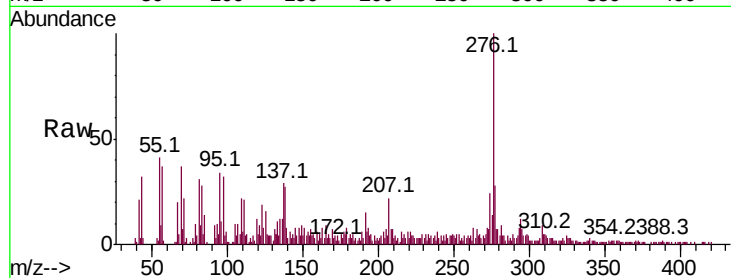
#93
 Benzo(a,h,i)perylene
 Concen: 9.110 ng/ul m
 RT: 26.87 min Scan# 4060
 Delta R.T. 0.05 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

Instrument :
 BNA_N
 ClientSampleId :
 C5AA5

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	18.2	27.4
277	28.2	19.0	28.6

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

