

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006586.D
 Acq On : 26 Jun 2019 19:55
 Operator : HP/JU
 Sample : K3498-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB8

Manual Integrations
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Quant Time: Jun 27 04:38:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 04:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	166324	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	809442	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	485921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1078255	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1013297	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	1004801	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	24073	5.65	ng/uL	-0.01
5) Phenol-d5	6.80	99	532194	30.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	347593	31.71	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	406841	31.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	370834	26.40	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	215660	33.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	250842	35.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	437921	32.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	450390	28.87	ng/ul	-0.01
43) Dimethylphthalate-d6	13.69	166	1464115	34.38	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1715755	32.87	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	184540	25.36	ng/ul	0.00
57) Fluorene-d10	15.27	176	1241464	34.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	169933	24.90	ng/ul	0.00
70) Anthracene-d10	17.13	188	1885647	34.74	ng/ul	-0.01
78) Pyrene-d10	19.44	212	2108108	35.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1960558	34.54	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.73	163	365440	9.308	ng/ul 100
69) Phenanthrene	17.07	178	133978	2.253	ng/ul 99
76) Fluoranthene	19.10	202	448152	6.992	ng/ul 100
79) Pyrene	19.47	202	386189	5.598	ng/ul 99
82) Benzo(a)anthracene	21.23	228	226312	3.268	ng/ul 97
84) Chrysene	21.29	228	248531	3.770	ng/ul 99
86) Di-n-octyl phthalate	22.05	149	102232	1.583	ng/ul 100
87) Benzo(b)fluoranthene	22.82	252	335530	5.564	ng/ul 98
88) Benzo(k)fluoranthene	22.86	252	110165m	1.911	ng/ul
90) Benzo(a)pyrene	23.39	252	200776	3.472	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.72	276	125148	1.829	ng/ul 97
93) Benzo(g,h,i)perylene	26.39	276	93572	1.623	ng/ul 97

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

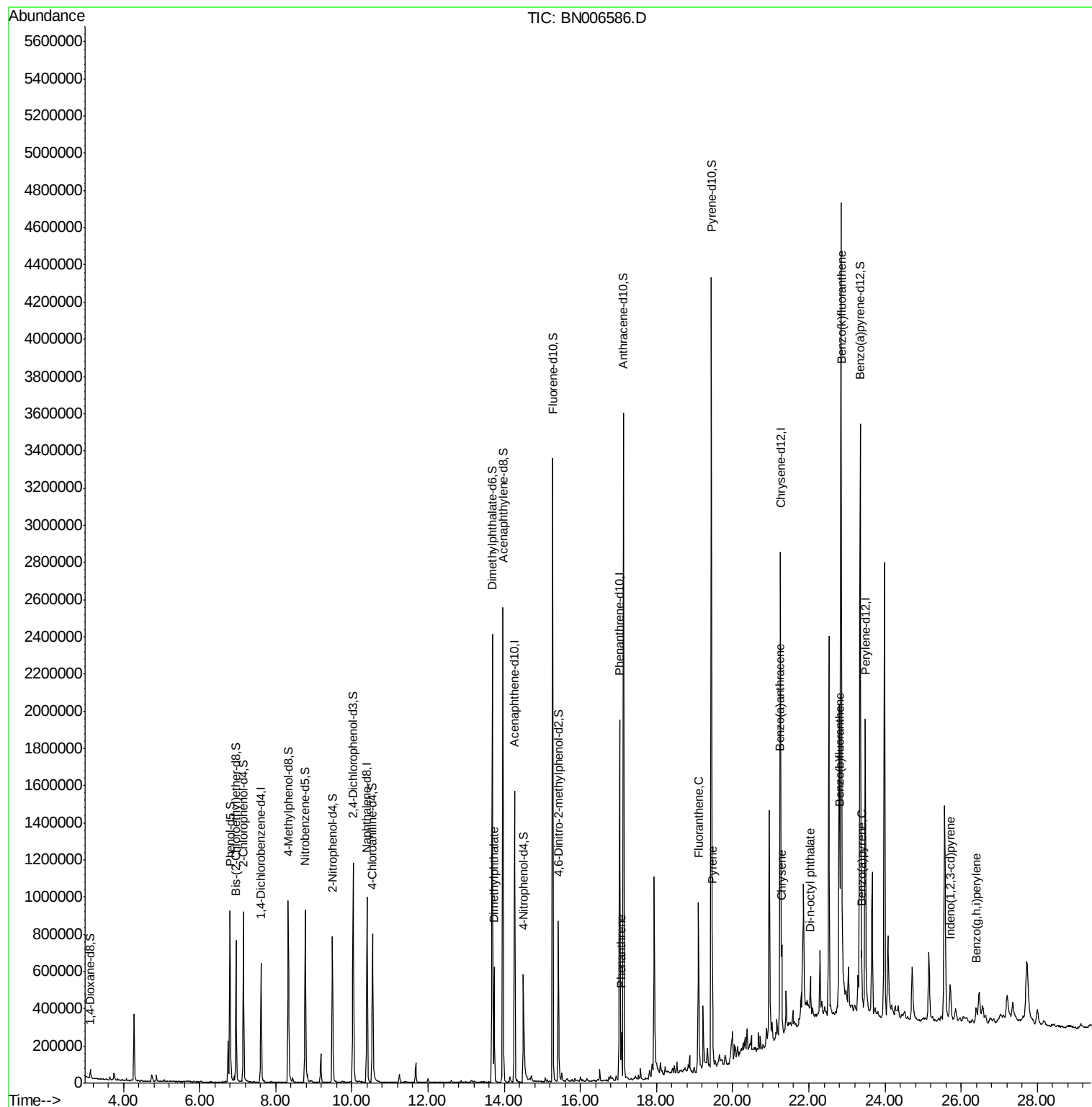
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006586.D
Acq On : 26 Jun 2019 19:55
Operator : HP/JU
Sample : K3498-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

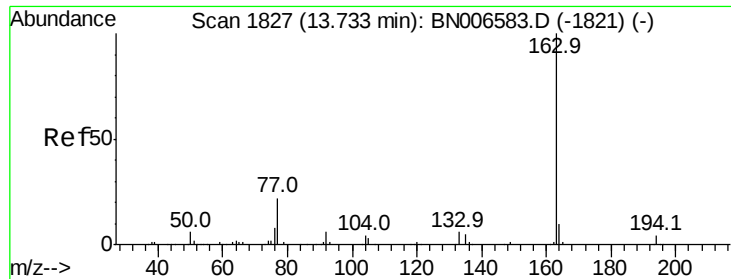
Instrument :
BNA_N
ClientSampleId :
C5AB8

Quant Time: Jun 27 04:38:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 04:34:24 2019
Response via : Initial Calibration

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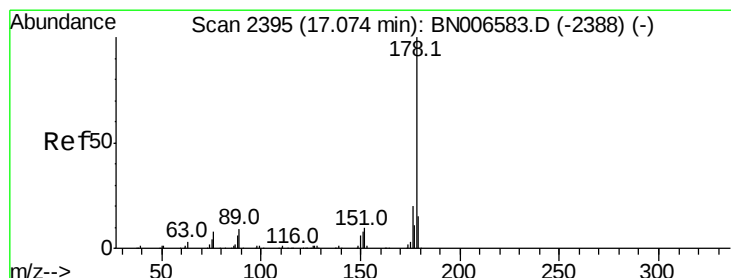
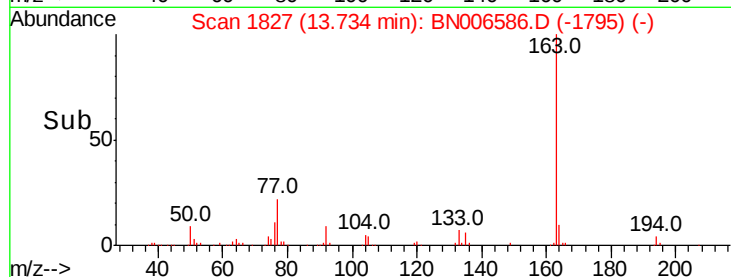
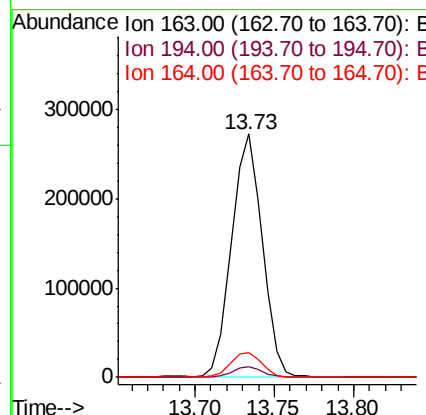
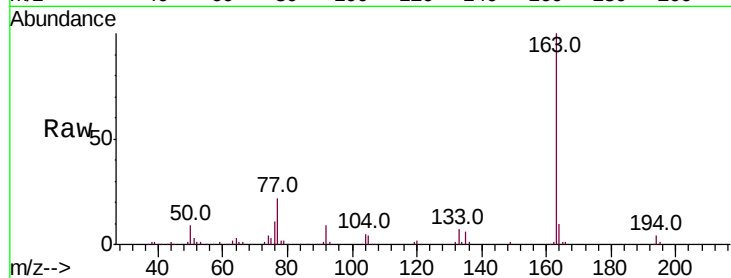
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Dimethylphthalate
Concen: 9.308 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Instrument :
BNA_N
ClientSampleId :
C5AB8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	365440		
194	4.2		3.4	5.0
164	10.1		8.0	12.0

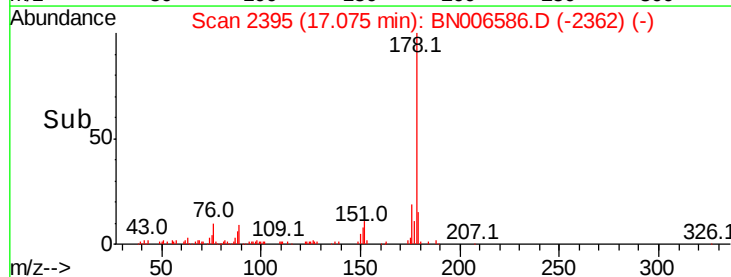
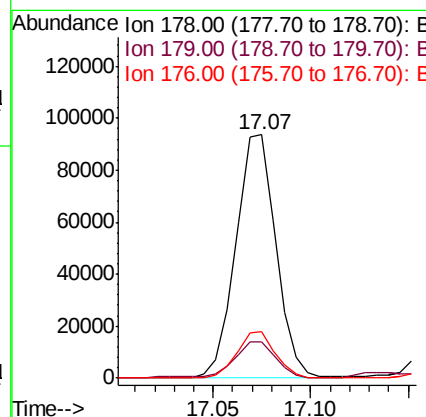
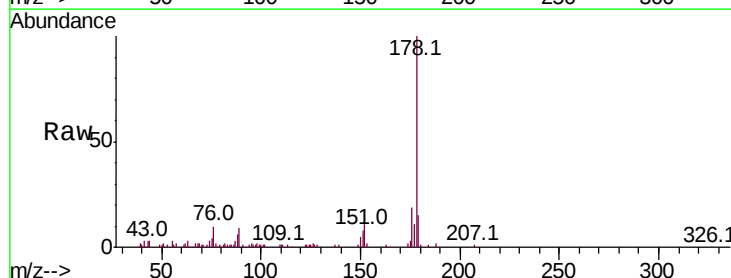
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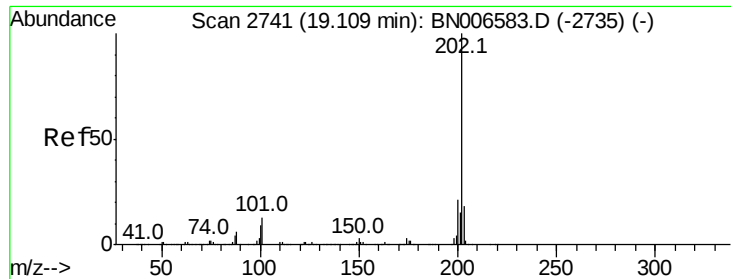
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#69
Phenanthrene
Concen: 2.253 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	133978		
179	15.0		12.5	18.7
176	18.8		15.3	22.9





#76

Fluoranthene

Concen: 6.992 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Instrument :

BNA_N

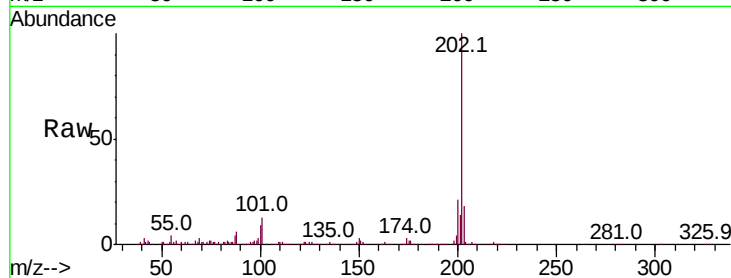
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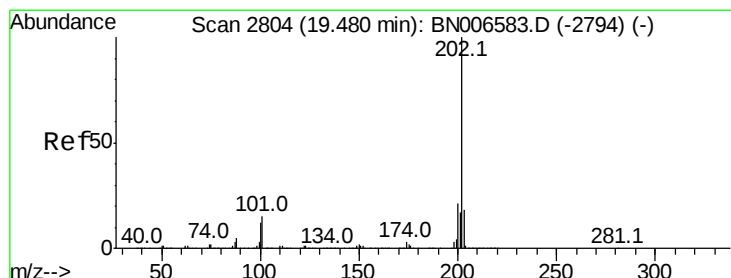
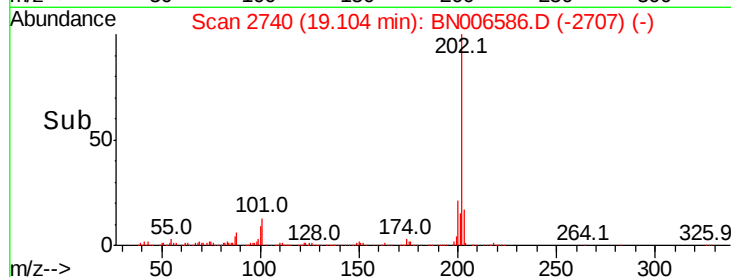
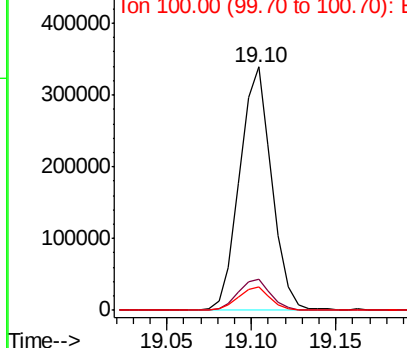
Tot Ion:	202	Resp:	448152
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.5	15.7
100	9.4	7.6	11.4

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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



#79

Pyrene

Concen: 5.598 ng/ul

RT: 19.47 min Scan# 2802

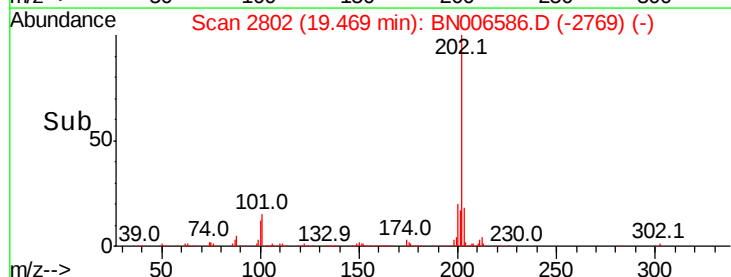
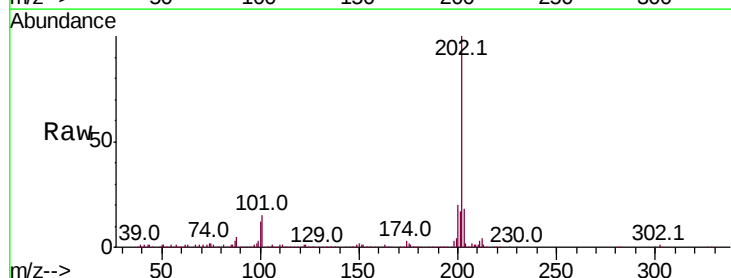
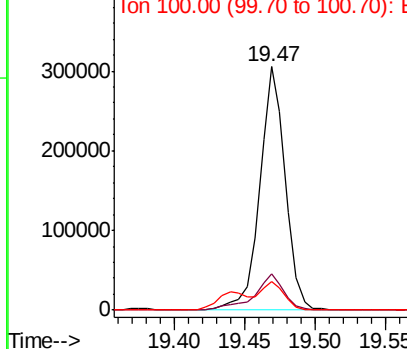
Delta R.T. -0.01 min

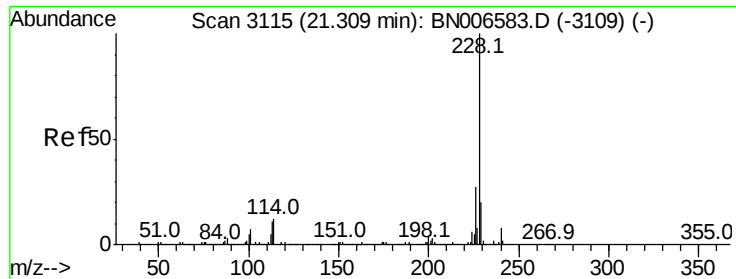
Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Tgt Ion:	202	Resp:	386189
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.2	18.4
100	11.8	9.8	14.6

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: 3.268 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Instrument :

BNA_N

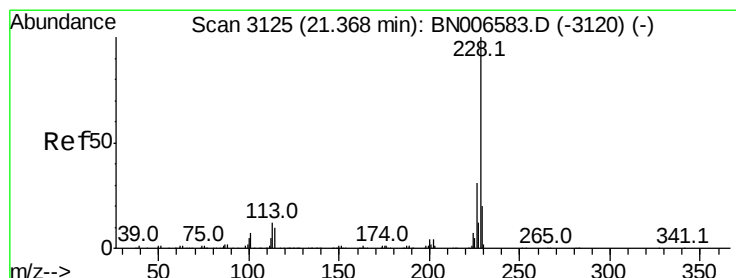
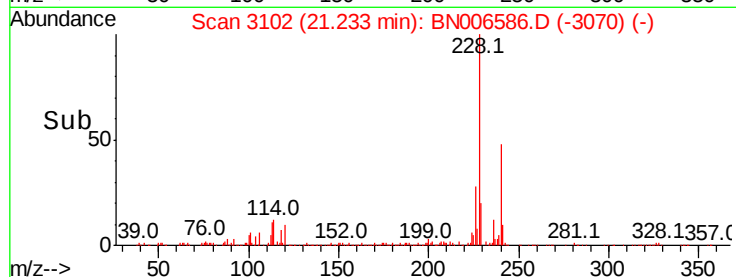
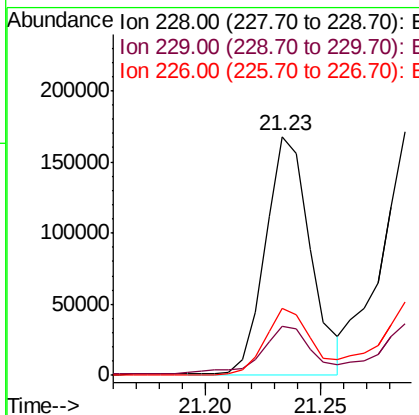
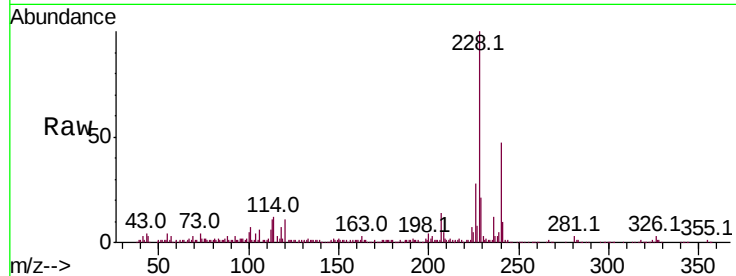
ClientSampleId :

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Tot Ion:	228	Resp:	226312
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	28.2	21.5	32.3

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#84

Chrysene

Concen: 3.770 ng/ul

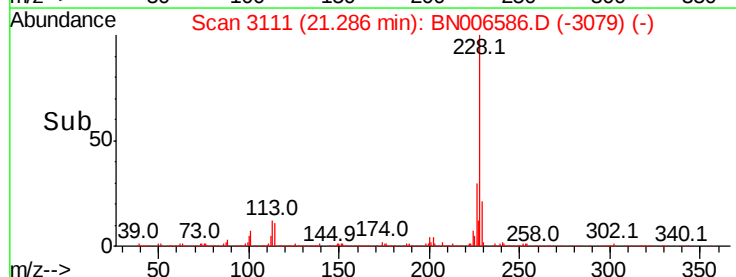
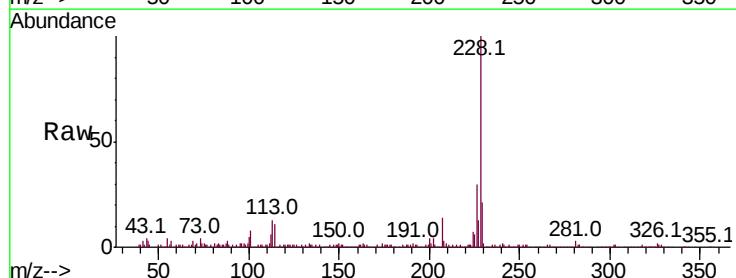
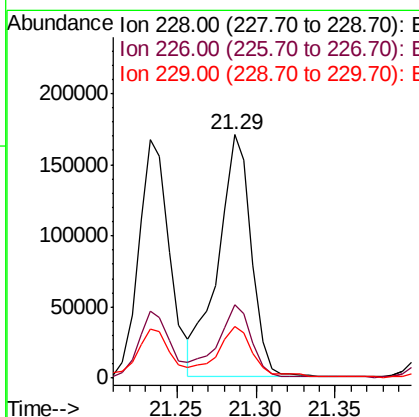
RT: 21.29 min Scan# 3111

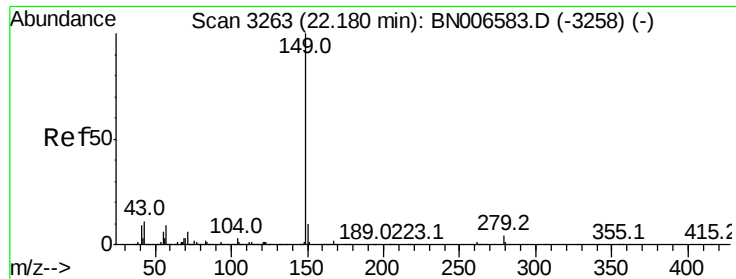
Delta R.T. -0.01 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Tgt Ion:	228	Resp:	248531
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.2
229	21.3	15.9	23.9





#86

Di-n-octyl phthalate

Concen: 1.583 ng/ul

RT: 22.05 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Instrument :

BNA_N

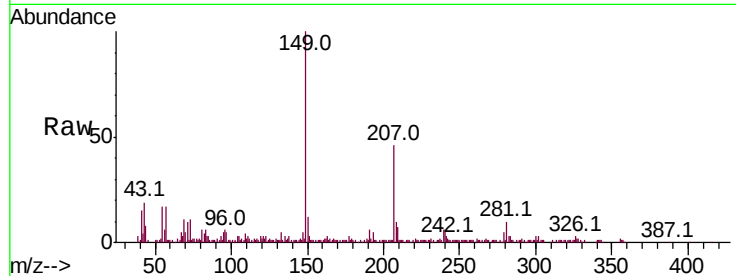
ClientSampleId :

C5AB8

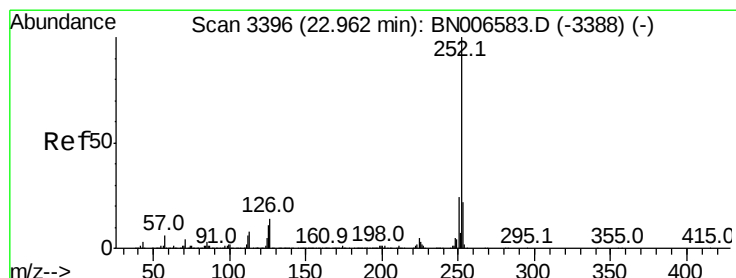
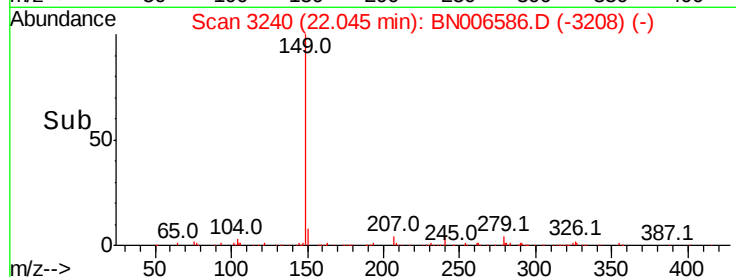
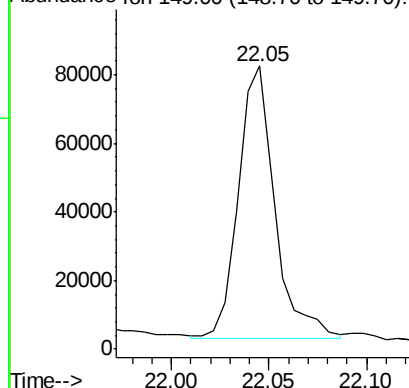
Tgt Ion:149 Resp: 102232

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Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 5.564 ng/ul

RT: 22.82 min Scan# 3371

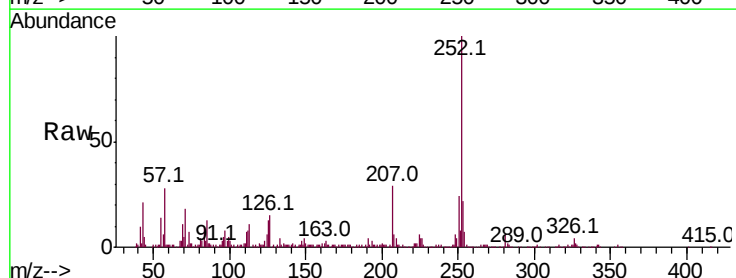
Delta R.T. -0.01 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Tgt Ion:252 Resp: 335530

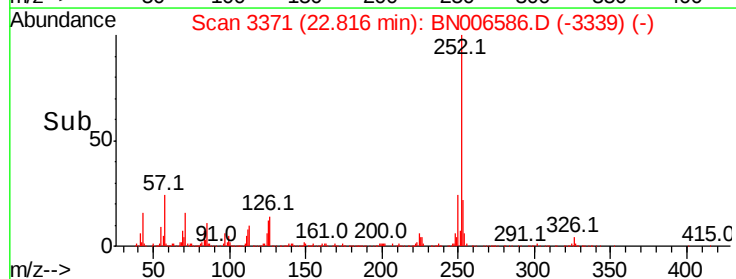
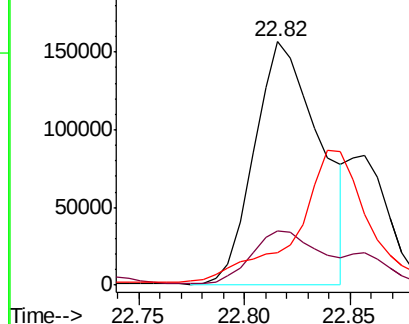
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	13.1	9.0	13.6

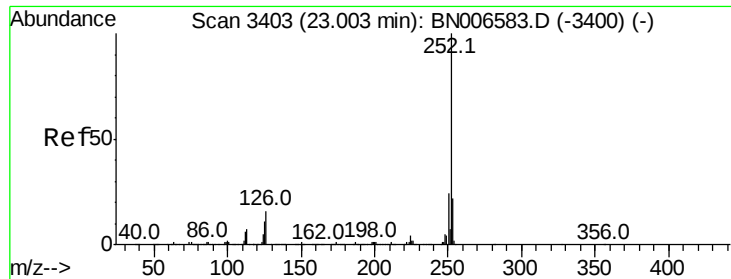


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





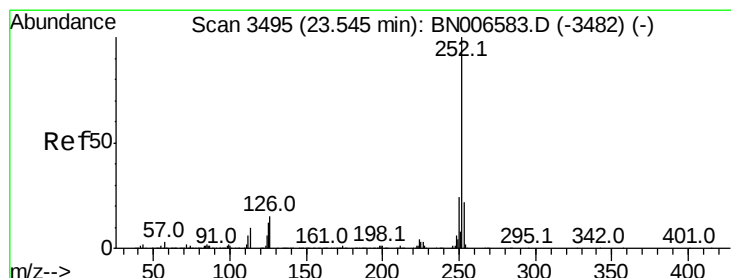
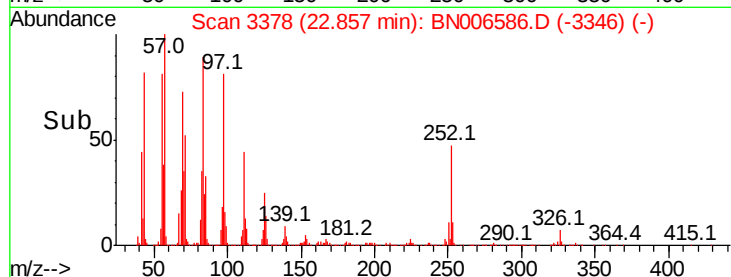
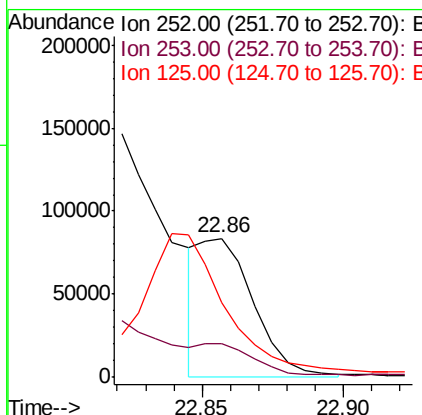
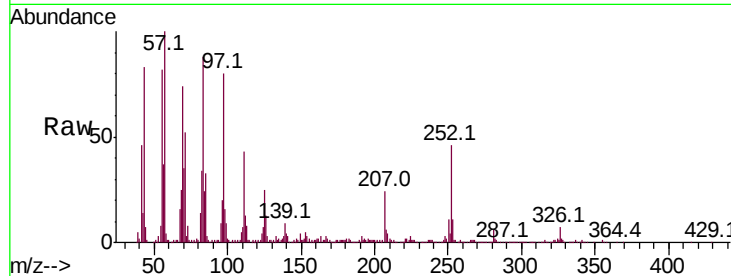
#88
Benzo(k)fluoranthene
Concen: 1.911 ng/ul m
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Instrument :
BNA_N
ClientSampled :
C5AB8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	54.1	9.1	13.7#

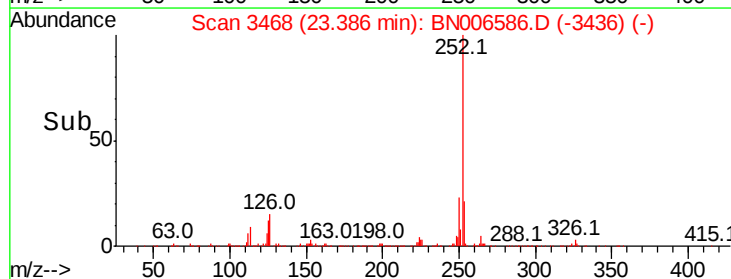
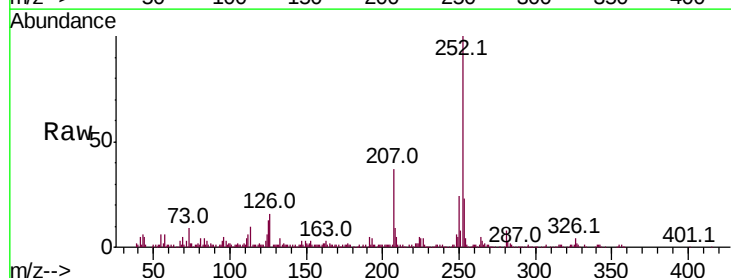
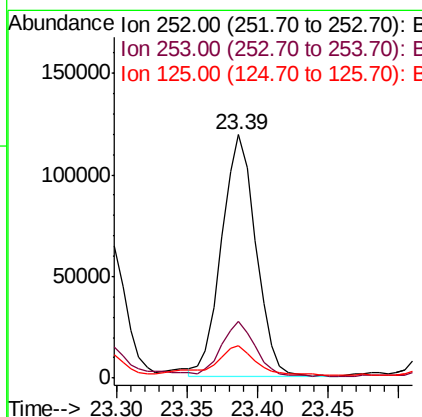
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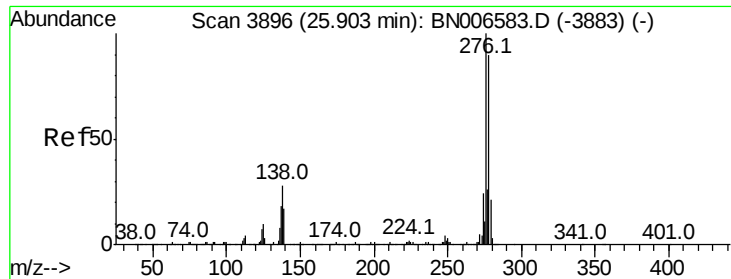
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#90
Benzo(a)pyrene
Concen: 3.472 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	13.3	10.0	15.0





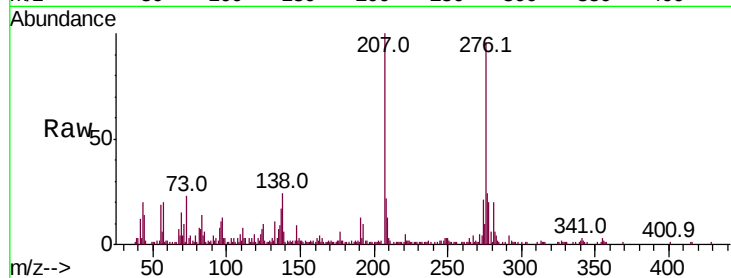
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.829 ng/ul
RT: 25.72 min Scan# 3864
Delta R.T. -0.02 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Instrument :
BNA_N
ClientSampleId :
C5AB8

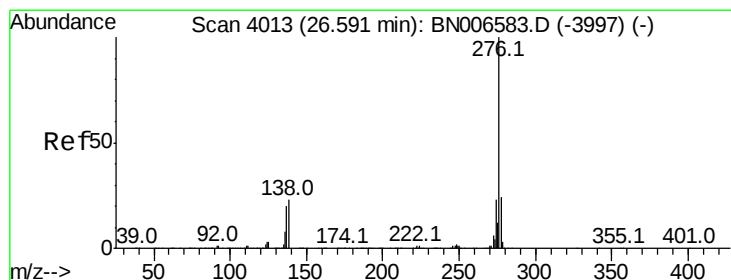
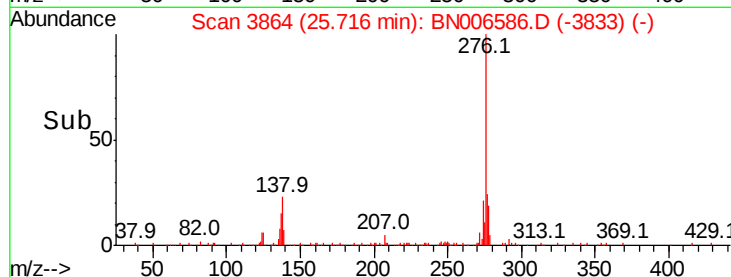
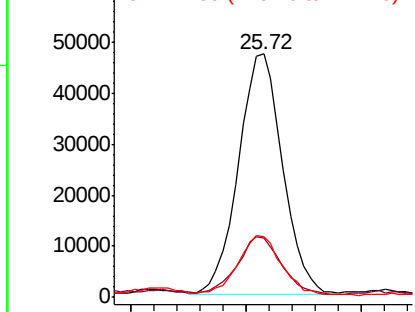
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.2	33.4
277	25.0	20.2	30.4

Manual Integrations
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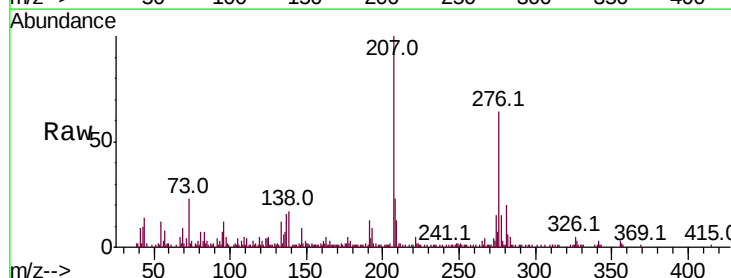


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#93
Benzo(g,h,i)perylene
Concen: 1.623 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. -0.02 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.1	28.7
277	23.7	19.4	29.0



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

