

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009551.D
 Acq On : 04 Feb 2020 04:46
 Operator : CG/JU
 Sample : L1271-12DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAT03DL

Manual Integrations
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Quant Time: Feb 04 05:43:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 04 02:55:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	162257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	698940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	436910	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	970492	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	958662	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	1087451	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	1711	0.43	ng/uL	0.00
5) Phenol-d5	6.64	99	35760	2.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	30217	3.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	29750	2.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	26985	2.39	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	13072	2.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	15157	2.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	26021	2.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	16987	1.45	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	108290	3.40	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	110721	2.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	9922	1.65	ng/ul	0.01
57) Fluorene-d10	15.08	176	95227	3.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	8296	1.37	ng/ul	0.00
70) Anthracene-d10	16.93	188	133021	3.02	ng/ul	0.00
78) Pyrene-d10	19.24	212	153628	3.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	152942	2.86	ng/ul	0.00

Target Compounds

					Ovalue
47) Acenaphthylene	13.79	152	308050	7.304	ng/ul 99
69) Phenanthrene	16.87	178	60436	1.092	ng/ul 97
71) Anthracene	16.96	178	89093	1.586	ng/ul 96
76) Fluoranthene	18.90	202	661764	10.476	ng/ul 97
79) Pyrene	19.27	202	2072328	29.612	ng/ul 99
82) Benzo(a)anthracene	21.03	228	705415m	10.657	ng/ul
84) Chrysene	21.07	228	582148	8.835	ng/ul 99
87) Benzo(b)fluoranthene	22.54	252	655823	9.639	ng/ul 98
88) Benzo(k)fluoranthene	22.57	252	197250m	2.944	ng/ul
90) Benzo(a)pyrene	23.06	252	569552	9.035	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.22	276	267392	3.568	ng/ul 92
92) Dibenzo(a,h)anthracene	25.22	278	87406m	1.386	ng/ul
93) Benzo(g,h,i)perylene	25.84	276	190993	3.041	ng/ul 97

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

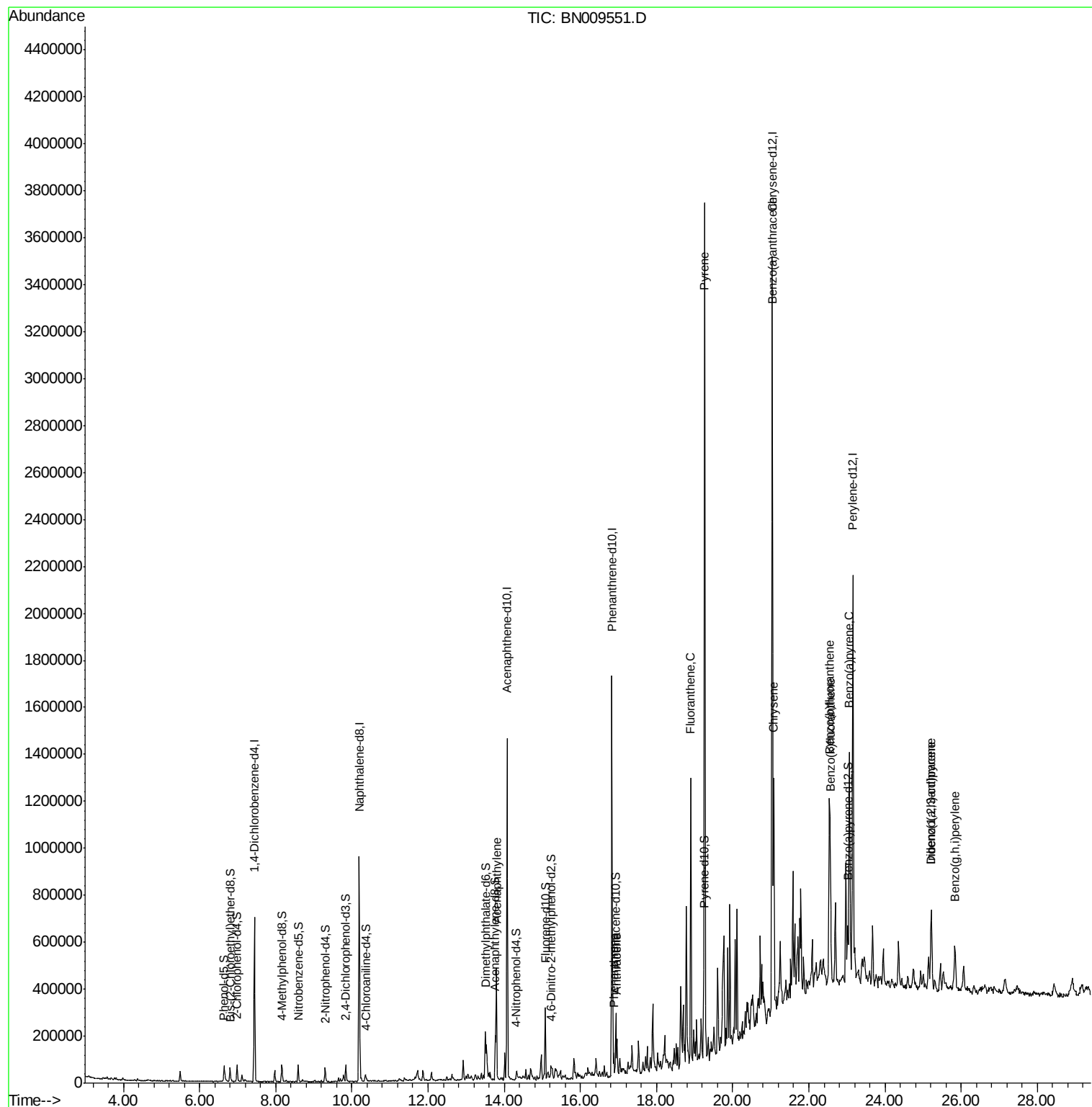
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009551.D
Acq On : 04 Feb 2020 04:46
Operator : CG/JU
Sample : L1271-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

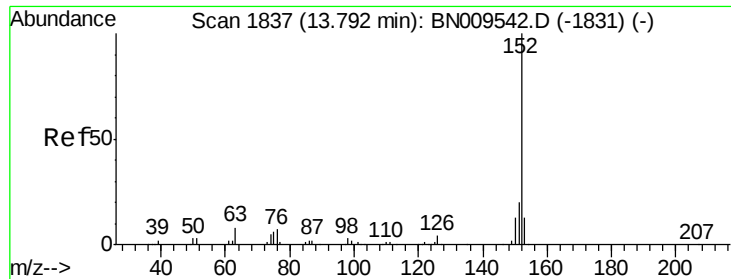
Instrument :
BNA_N
ClientSampleId :
GAT03DL

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Quant Time: Feb 04 05:43:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 04 02:55:31 2020
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 7.304 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Instrument :

BNA_N

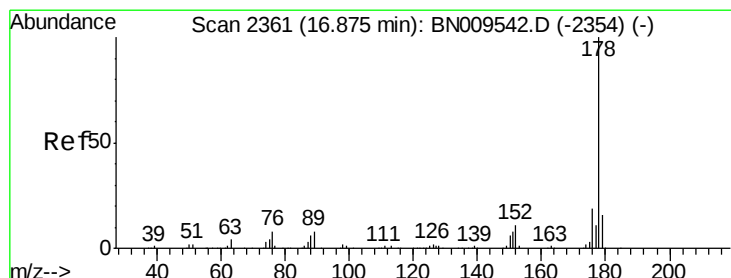
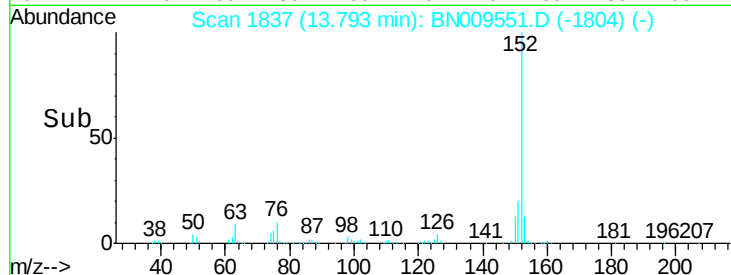
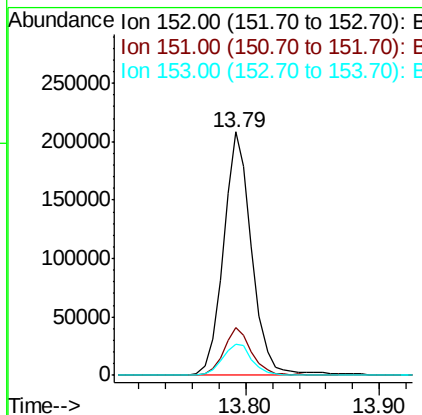
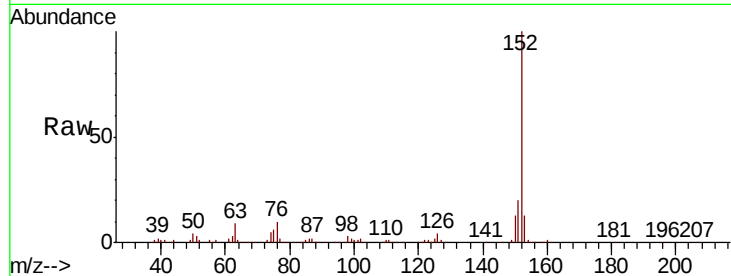
ClientSampled :

GAT03DL

Tot Ion:	152	Resp:	308050
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	12.9	10.6	15.8

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#69

Phenanthrene

Concen: 1.092 ng/ul

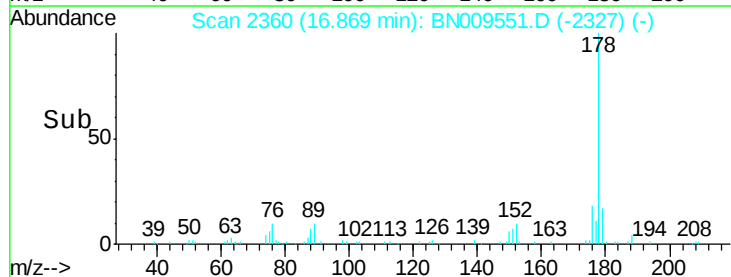
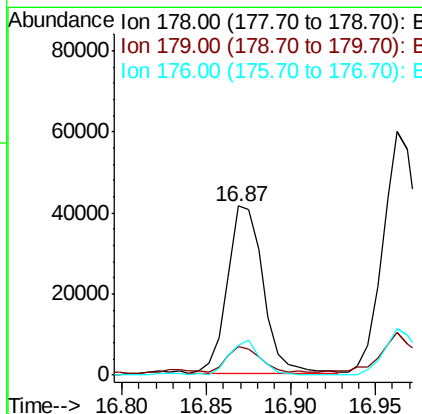
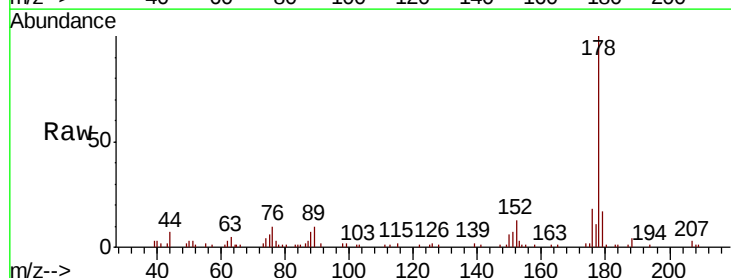
RT: 16.87 min Scan# 2360

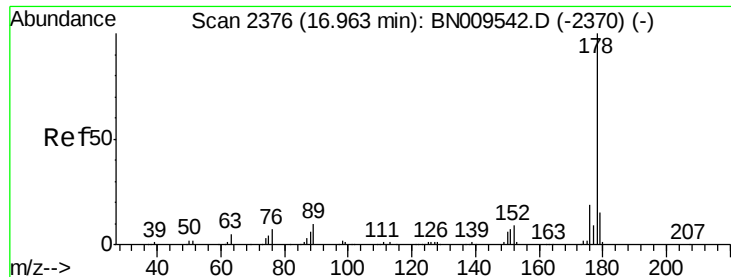
Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Tgt Ion:	178	Resp:	60436
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.2	18.2
176	17.8	14.8	22.2





#71

Anthracene

Concen: 1.586 ng/ul

RT: 16.96 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Instrument :

BNA_N

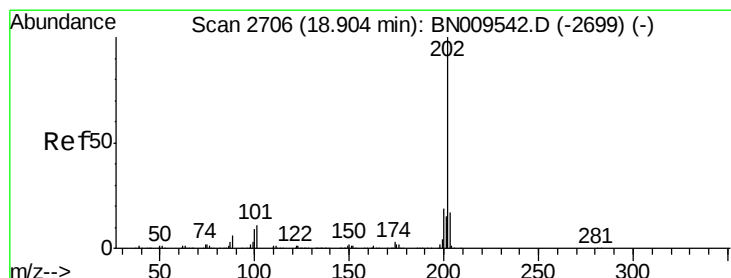
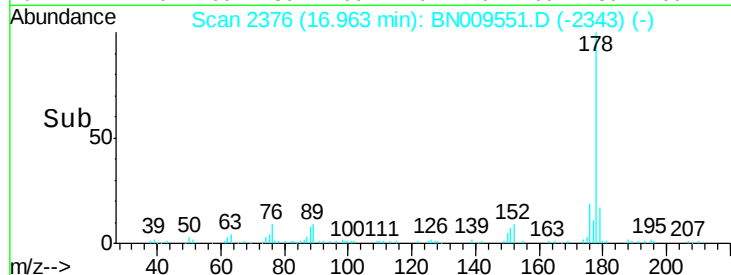
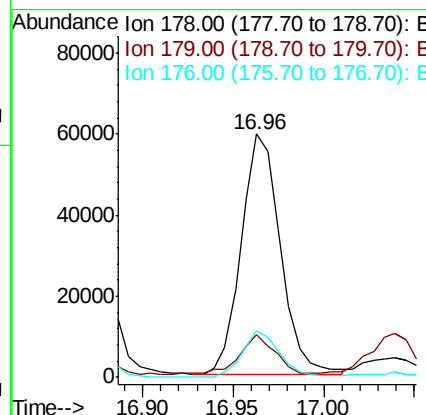
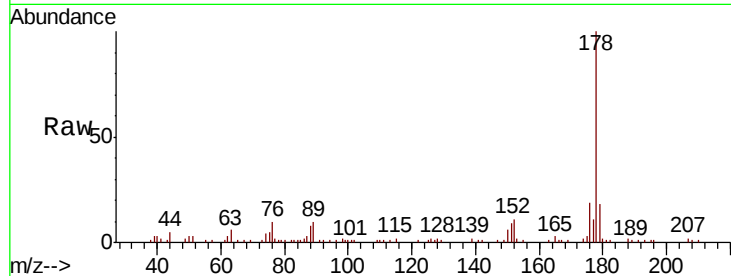
ClientSampleId :

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Tot Ion:	178	Resp:	89093
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.1	18.1
176	19.2	14.6	21.8

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#76

Fluoranthene

Concen: 10.476 ng/ul

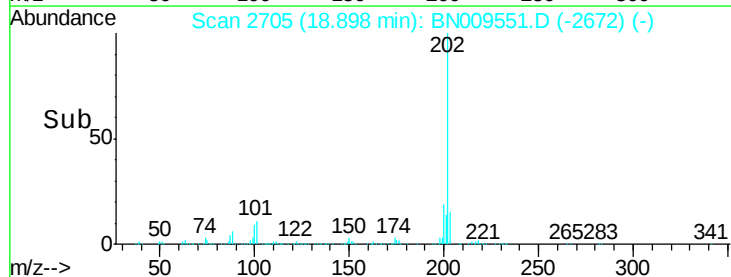
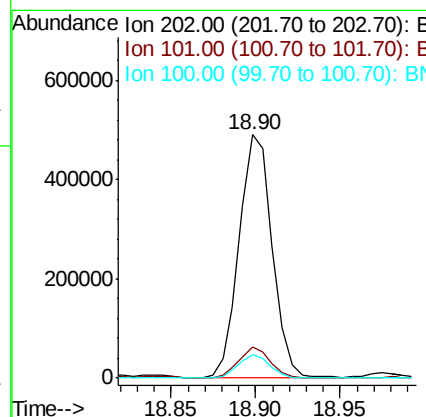
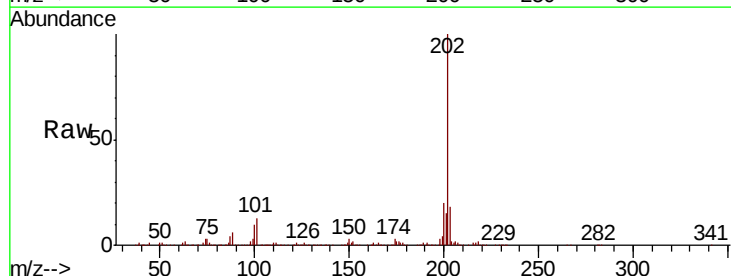
RT: 18.90 min Scan# 2705

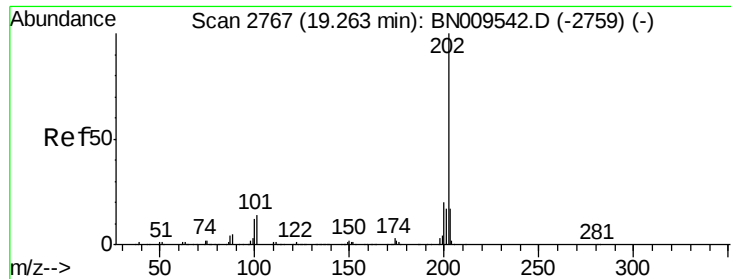
Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Tgt Ion:	202	Resp:	661764
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.2	13.8
100	9.7	6.9	10.3





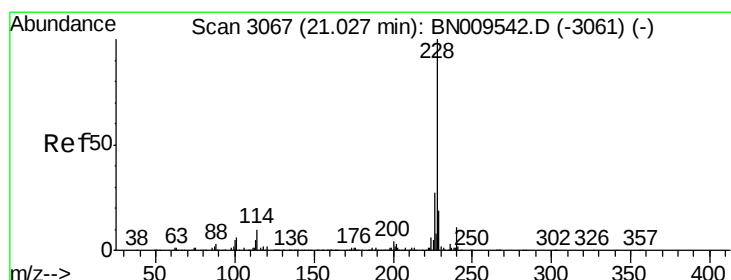
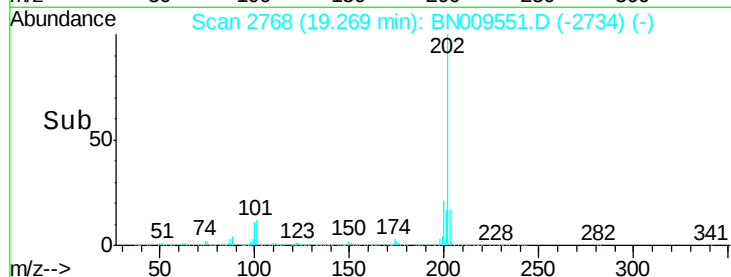
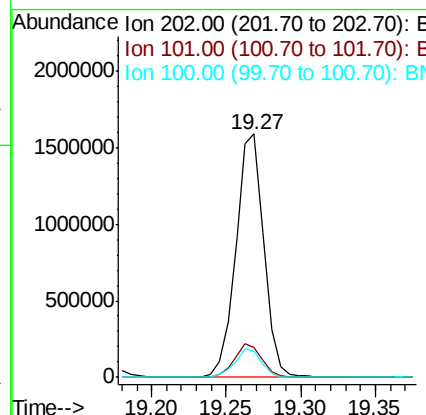
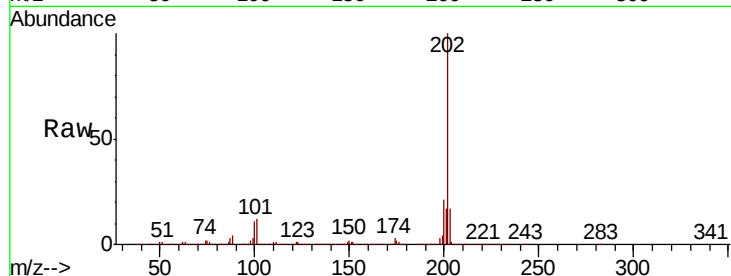
#79
Pvrene
Concen: 29.612 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	10.6	8.4	12.6

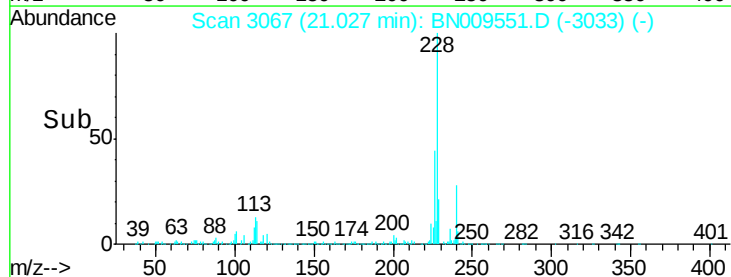
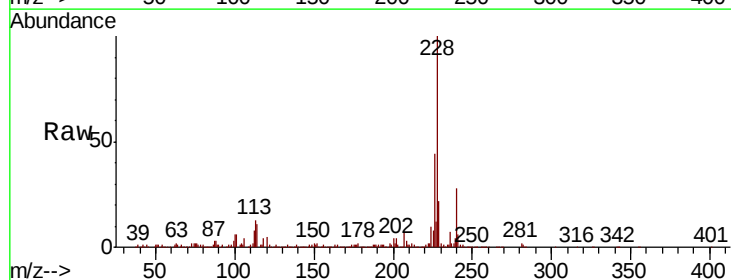
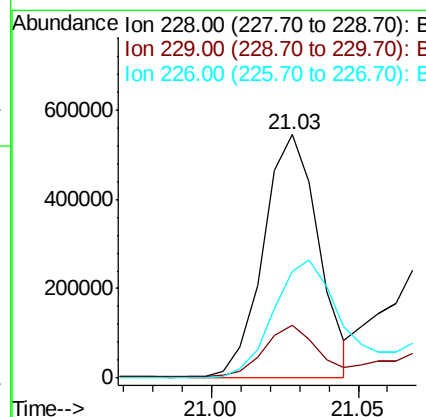
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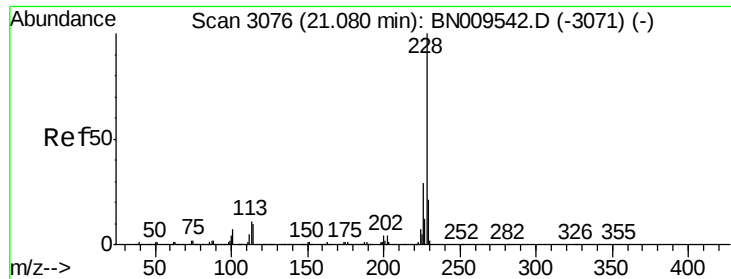
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#82
Benzo(a)anthracene
Concen: 10.657 ng/ul m
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.0	22.4
226	44.0	20.9	31.3#





#84

Chrysene

Concen: 8.835 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Instrument :

BNA_N

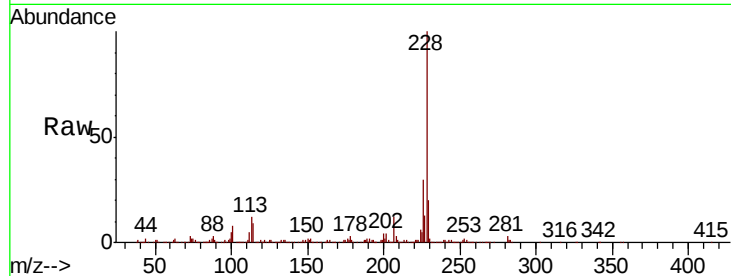
ClientSampleId :

GAT03DL

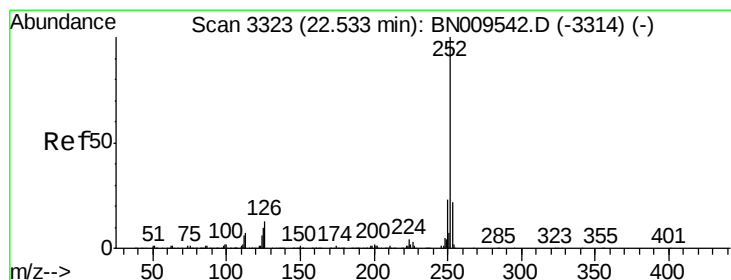
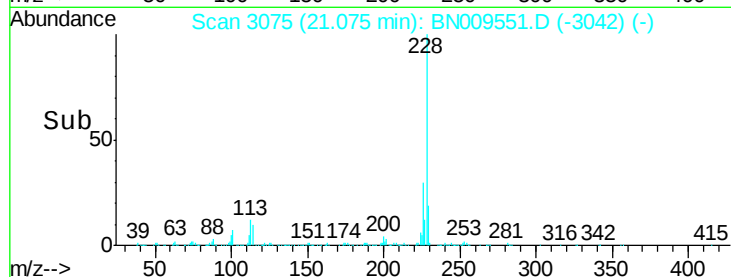
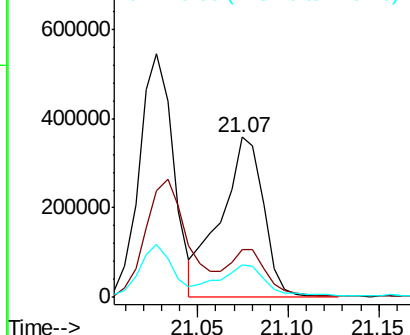
Tot Ion:	228	Resp:	582148
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.5	35.3
229	20.0	15.8	23.8

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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



#87

Benzo(b)fluoranthene

Concen: 9.639 ng/ul

RT: 22.54 min Scan# 3324

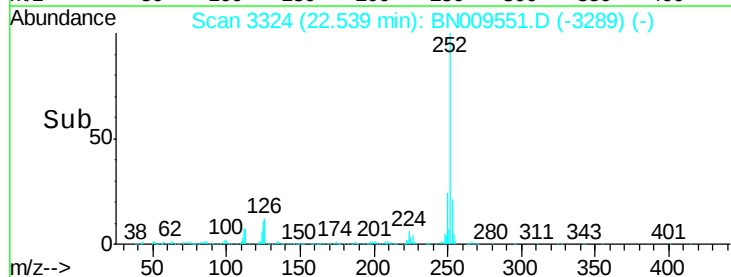
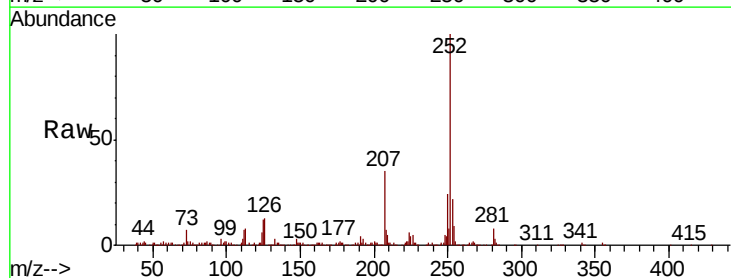
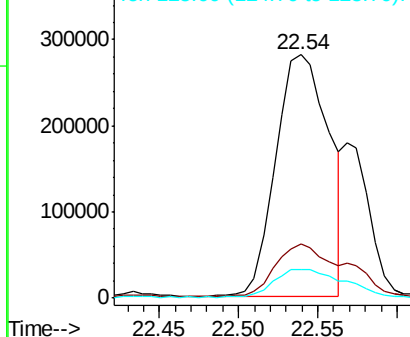
Delta R.T. 0.01 min

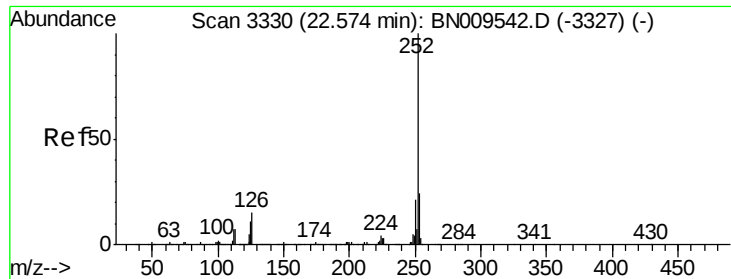
Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Tgt Ion:	252	Resp:	655823
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	11.7	8.2	12.2

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: 2.944 ng/ul

RT: 22.57 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Instrument :

BNA_N

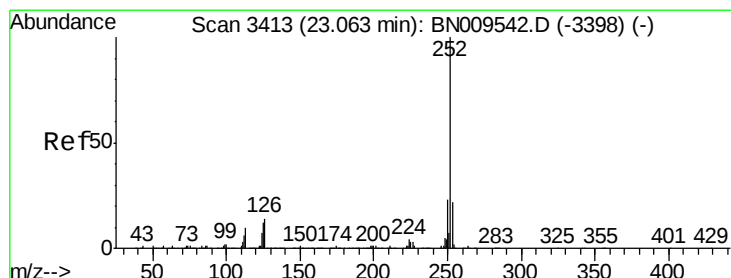
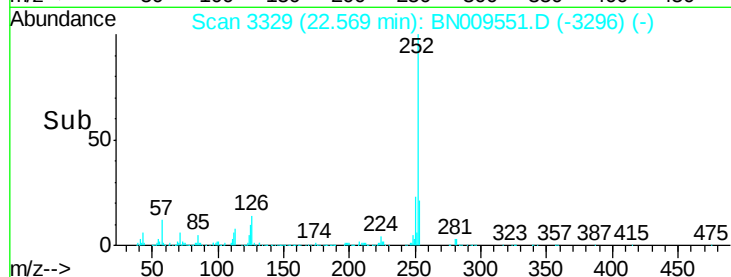
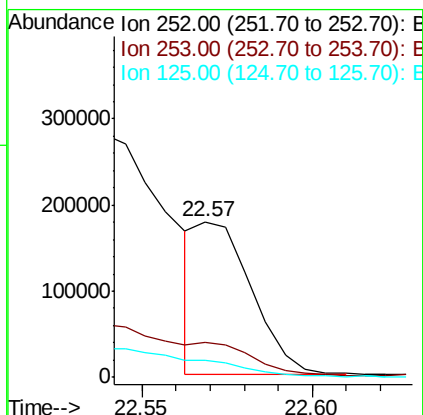
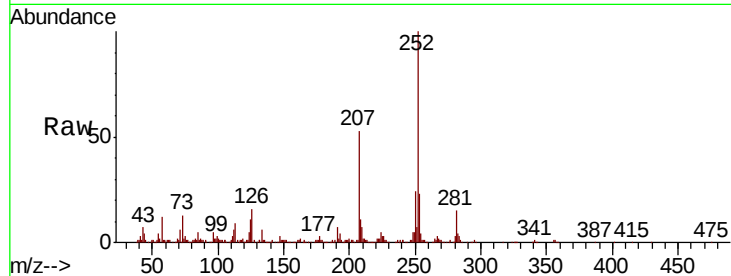
ClientSampleId :

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Tot Ion:	252	Resp:	197250
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.0	25.4
125	10.7	8.0	12.0

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#90

Benzo(a)pyrene

Concen: 9.035 ng/ul

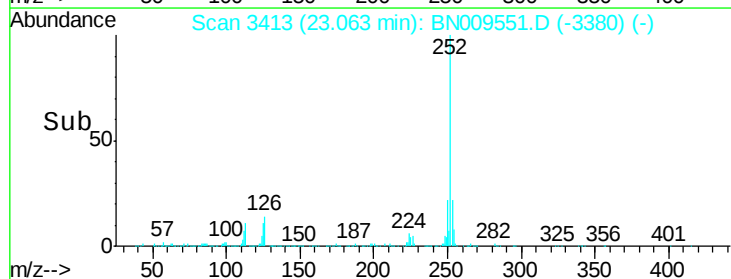
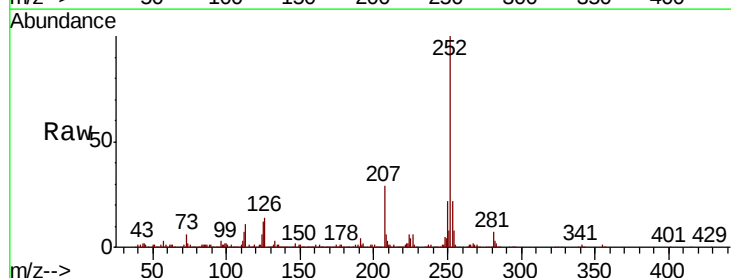
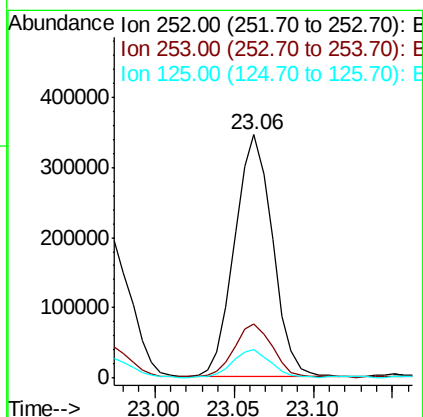
RT: 23.06 min Scan# 3413

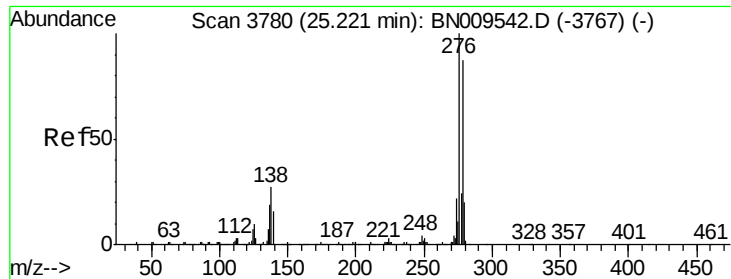
Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Tgt Ion:	252	Resp:	569552
Ion Ratio	Lower	Upper	
252	100		
253	22.3	15.8	23.8
125	11.6	8.7	13.1





#91

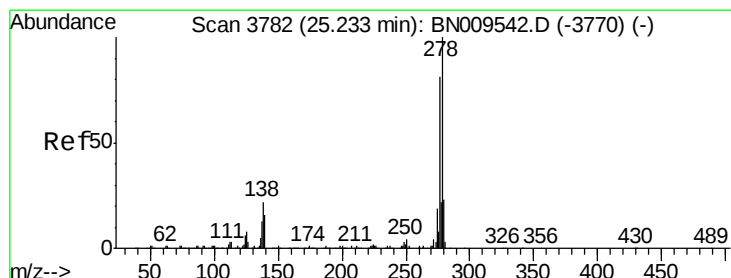
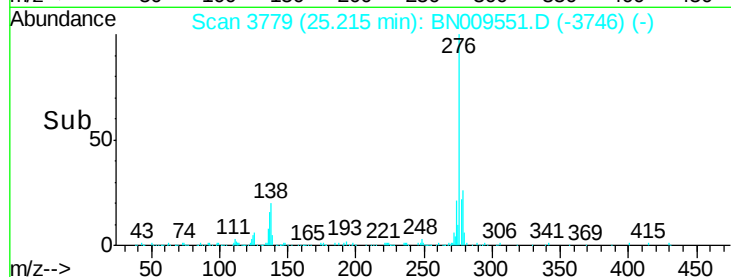
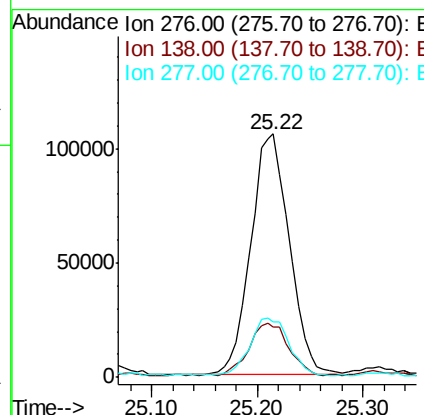
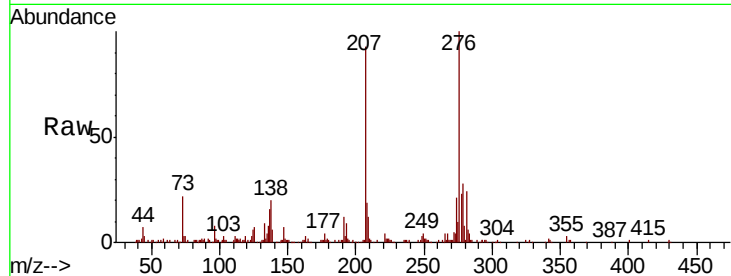
Indeno(1,2,3-cd)pyrene
Concen: 3.568 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :
GAT03DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.3	30.5
277	23.0	21.2	31.8

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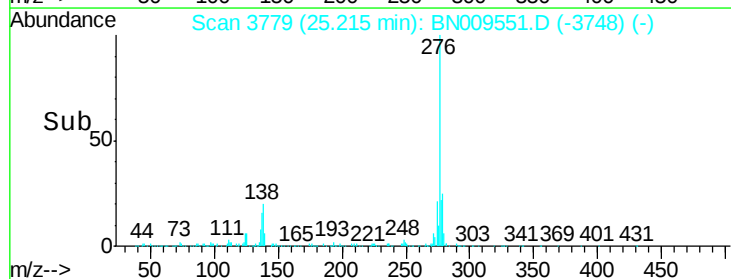
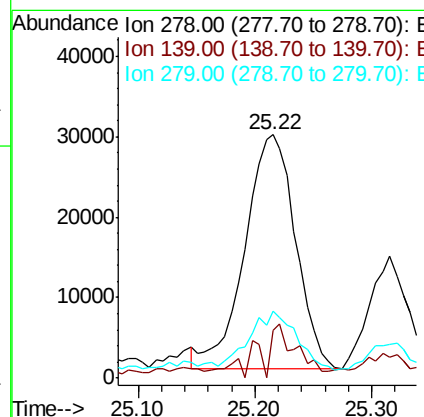
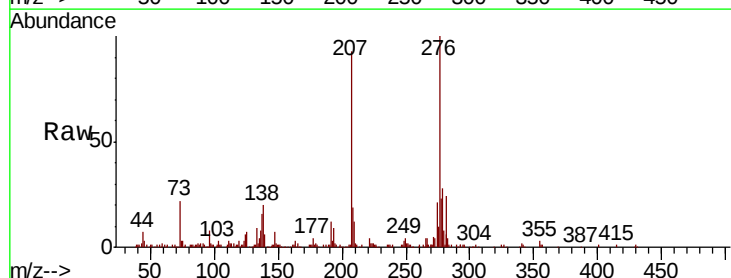
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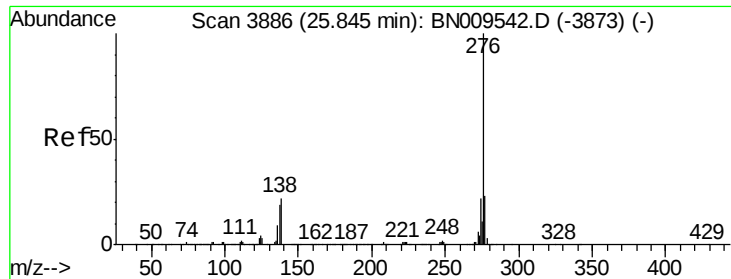


#92

Dibenzo(a,h)anthracene
Concen: 1.386 ng/ul m
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	12.7	19.1#
279	27.3	19.8	29.8





#93

Benzo(a,h,i)perylene

Concen: 3.041 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009551.D

Acq: 04 Feb 2020 04:46

Instrument :

BNA_N

ClientSampleId :

GAT03DL

Tot Ion:	276	Resp:	190993
Ion Ratio	Lower	Upper	
276	100		
138	21.7	16.0	24.0
277	22.2	17.0	25.6

Manual Integrations
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