

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006072.D
 Acq On : 04 Jun 2019 20:14
 Operator : JU/SJ
 Sample : K2927-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A4MS

Manual Integrations
 APPROVED

mohammad
 6/5/2019 9:27:06 AM

Quant Time: Jun 05 01:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 17:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	327928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1408492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	756821	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1503348	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1285493	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1453573	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	37702	4.98	ng/uL	0.00
5) Phenol-d5	6.82	99	725818	27.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	427458	28.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	591350	28.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	547618	26.97	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	287527	28.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	320744	28.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	553431	27.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	143098	5.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1579921	29.43	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1923531	27.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	222400	23.45	ng/ul	0.00
57) Fluorene-d10	15.30	176	1307754	28.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	183944	21.87	ng/ul	0.00
70) Anthracene-d10	17.16	188	1754559	27.35	ng/ul	0.00
78) Pyrene-d10	19.46	212	1817416	29.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1699131	26.25	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	769163	28.722	ng/ul 99
10) 2-Chlorophenol	7.22	128	612566	28.498	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.45	70	499300	30.678	ng/ul 99
33) 4-Chloro-3-methylphenol	11.73	107	597825	27.958	ng/ul 95
44) Dimethylphthalate	13.76	163	539724	10.135	ng/ul 100
49) Acenaphthene	14.37	153	1379684	30.046	ng/ul 99
52) 4-Nitrophenol	14.53	109	178436	24.822	ng/ul 97
54) 2,4-Dinitrotoluene	14.68	165	452850	29.833	ng/ul 99
68) Pentachlorophenol	16.71	266	264417	28.674	ng/ul 98
69) Phenanthrene	17.10	178	539880	7.323	ng/ul 99
71) Anthracene	17.19	178	85987	1.141	ng/ul 98
76) Fluoranthene	19.13	202	1468046	17.767	ng/ul 99
79) Pyrene	19.49	202	3489221	44.151	ng/ul 99
82) Benzo(a)anthracene	21.26	228	562721	7.120	ng/ul 97
84) Chrysene	21.31	228	767017	10.126	ng/ul 98
87) Benzo(b)fluoranthene	22.84	252	1029509	13.286	ng/ul# 96
88) Benzo(k)fluoranthene	22.88	252	352733m	4.650	ng/ul
90) Benzo(a)pyrene	23.41	252	603647	8.058	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	25.74	276	510469	5.589	ng/ul 97
92) Dibenzo(a,h)anthracene	25.75	278	127007	1.649	ng/ul# 82
93) Benzo(a,h,i)perylene	26.43	276	365248	4.705	ng/ul 98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

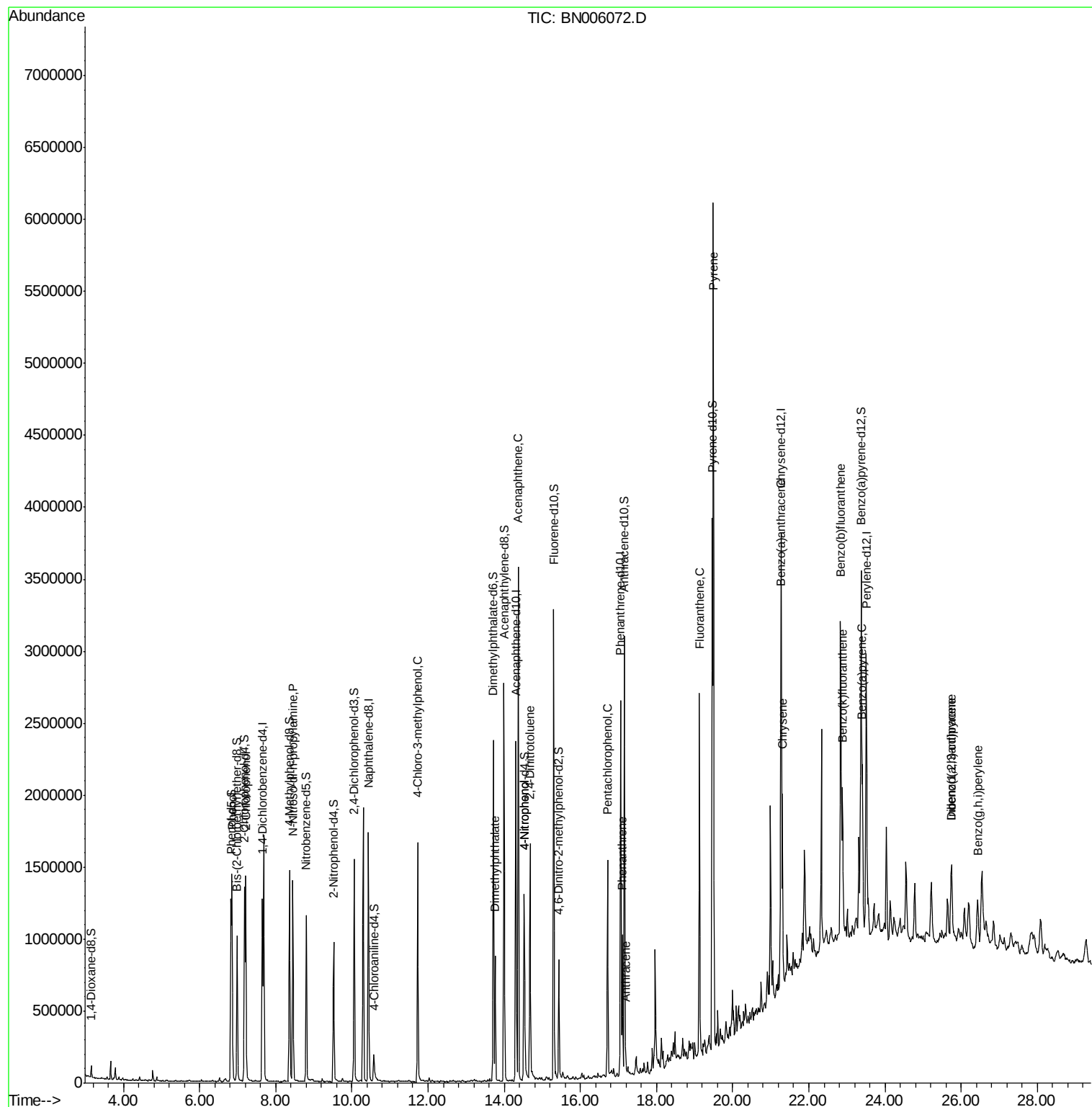
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060419\
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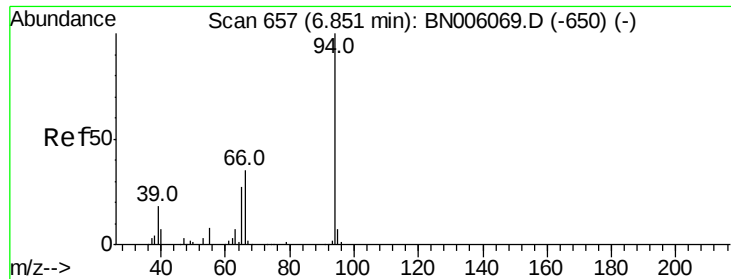
Instrument :
BNA_N
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#6

Phenol

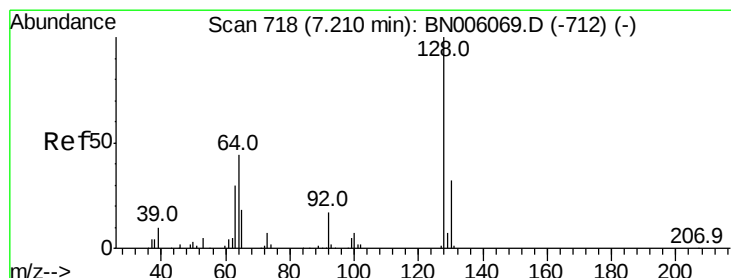
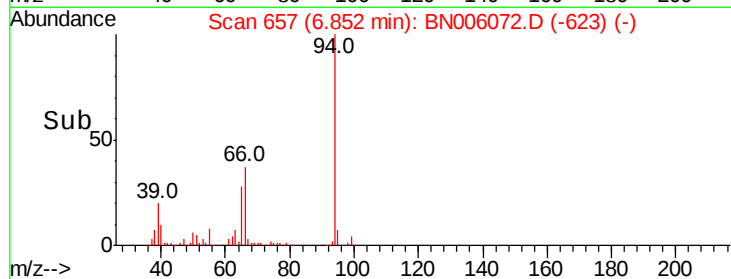
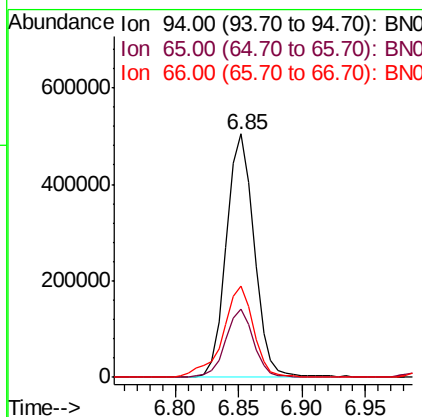
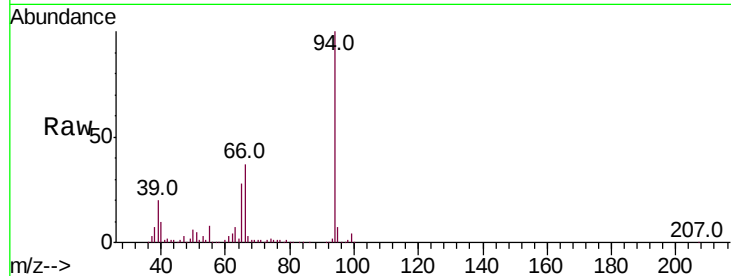
Concen: 28.722 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BN006072.D
 Acq: 04 Jun 2019 20:14

Instrument :
 BNA_N
 ClientSampleId :
 A42A4MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.1	21.8	32.6
66	37.3	29.5	44.3

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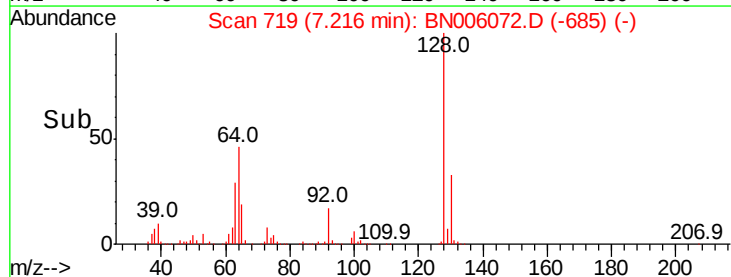
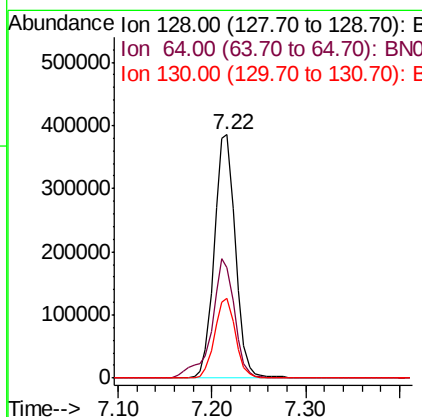
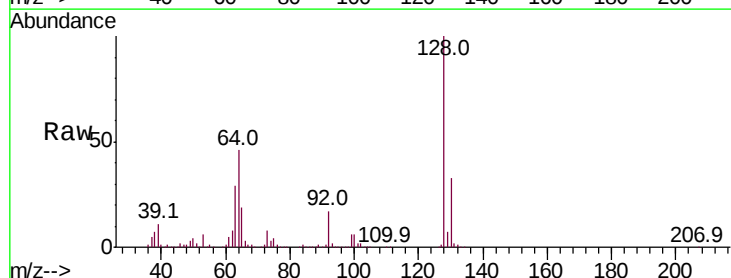


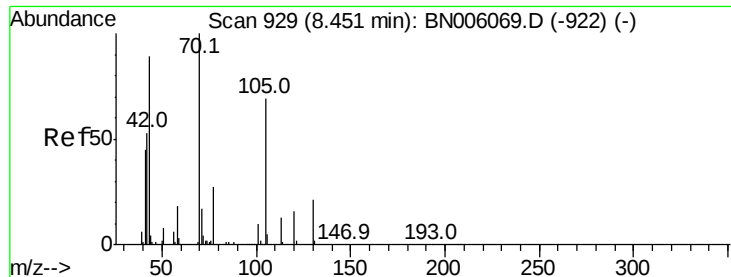
#10

2-Chlorophenol

Concen: 28.498 ng/ul
 RT: 7.22 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BN006072.D
 Acq: 04 Jun 2019 20:14

Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.6	37.1	55.7
130	32.5	25.8	38.8





#15

N-Nitroso-di-n-propylamine

Concen: 30.678 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. -0.00 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Instrument :

BNA_N

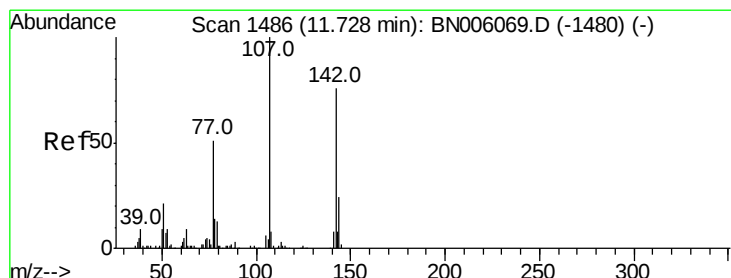
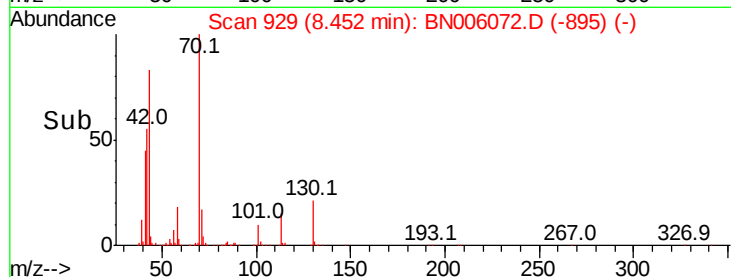
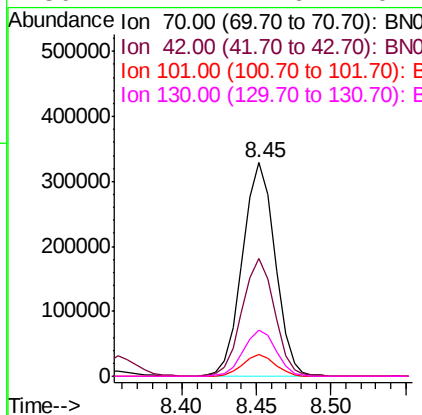
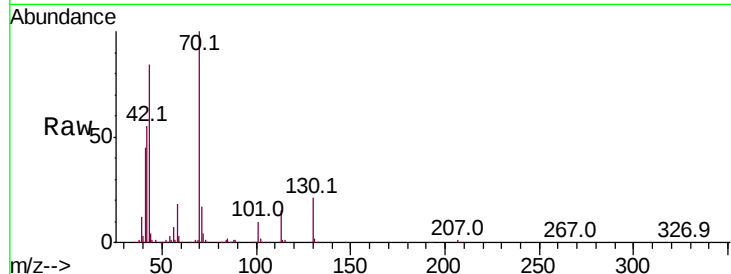
ClientSampleId :

A42A4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		499300		
42	54.9	44.2	66.4		
101	10.3	7.9	11.9		
130	21.4	17.6	26.4		

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#33

4-Chloro-3-methylphenol

Concen: 27.958 ng/ul

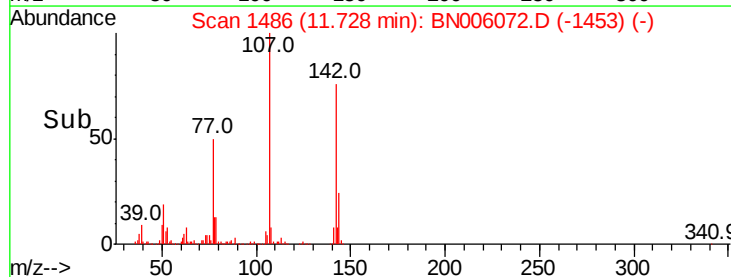
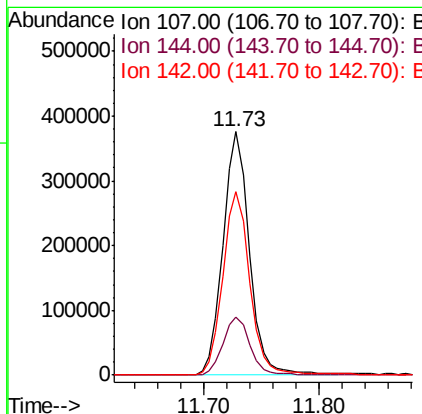
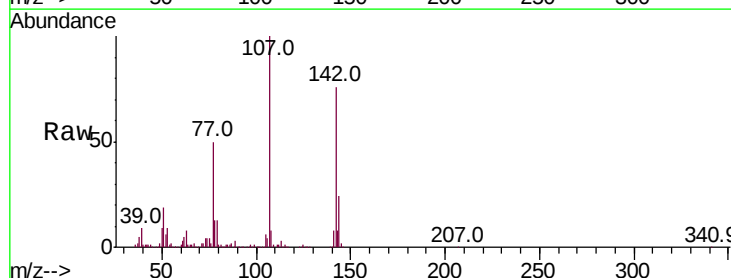
RT: 11.73 min Scan# 1486

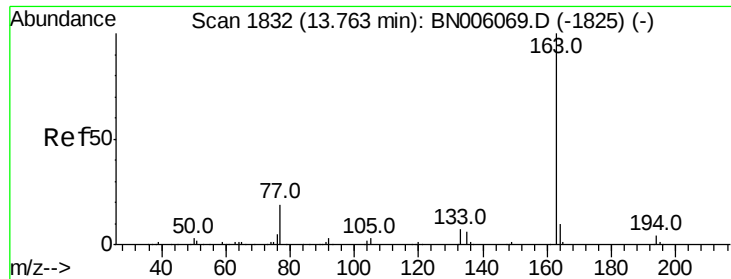
Delta R.T. -0.01 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		597825		
144	23.9	21.1	31.7		
142	75.6	63.6	95.4		





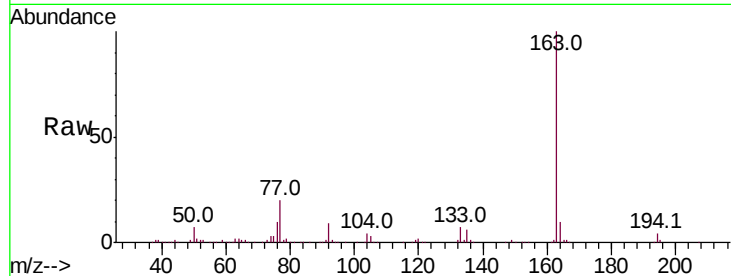
#44
Dimethylphthalate
Concen: 10.135 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BN006072.D
Acq: 04 Jun 2019 20:14

Instrument :
BNA_N
ClientSampled :
A42A4MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	8.2	12.2

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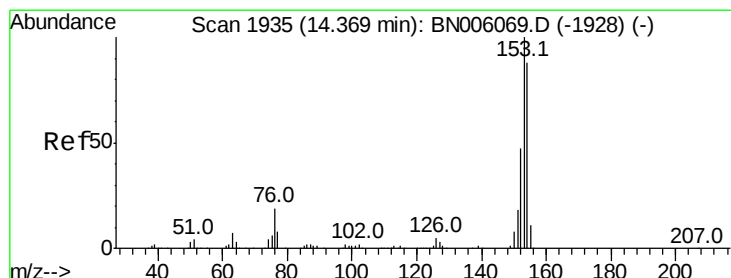
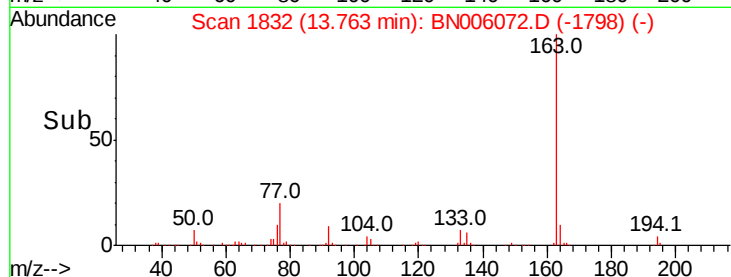
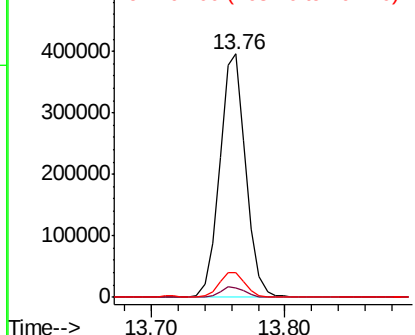


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 30.046 ng/ul
RT: 14.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BN006072.D
Acq: 04 Jun 2019 20:14

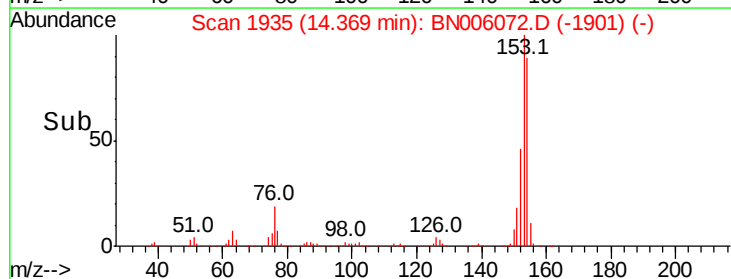
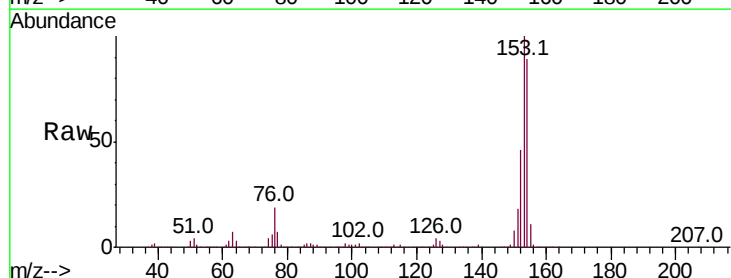
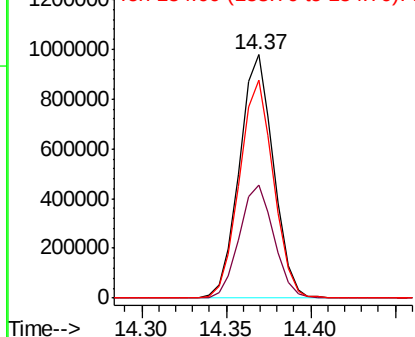
Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.9	56.9
154	89.4	71.4	107.2

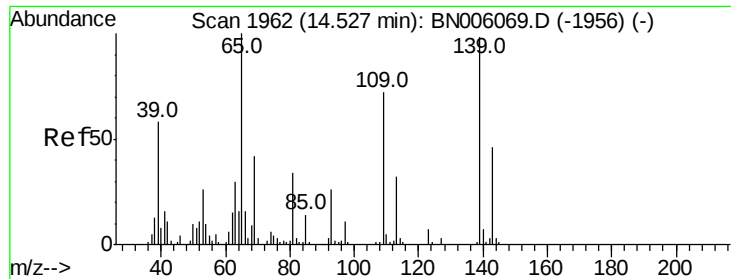
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 24.822 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Instrument :

BNA_N

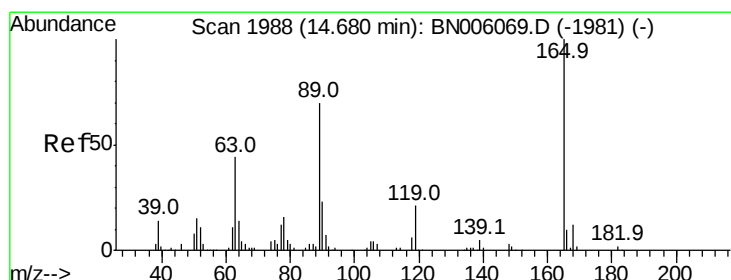
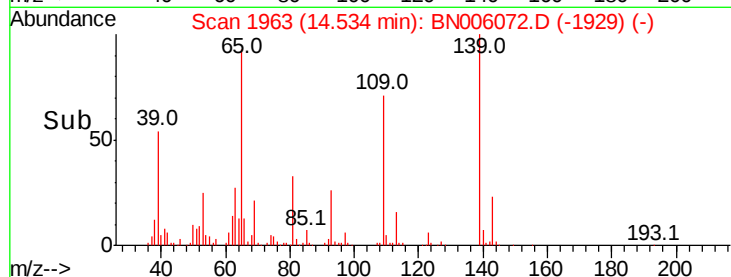
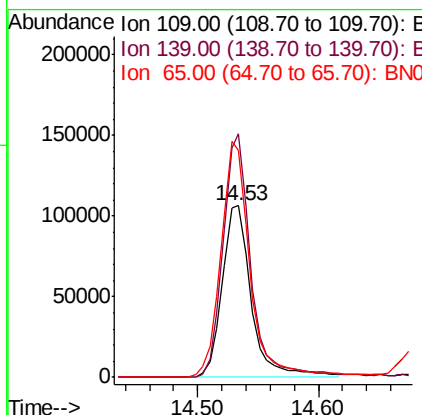
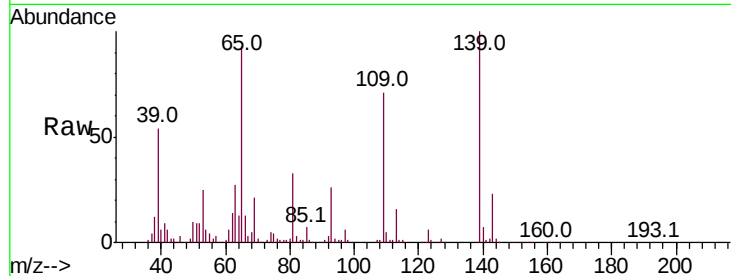
ClientSampleId :

A42A4MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	178436		
139	141.8	114.5	171.7	
65	132.2	109.8	164.8	

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#54

2,4-Dinitrotoluene

Concen: 29.833 ng/ul

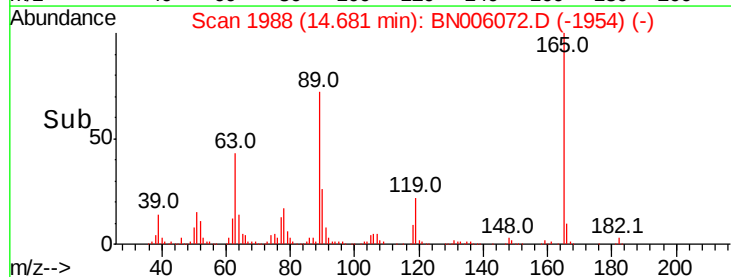
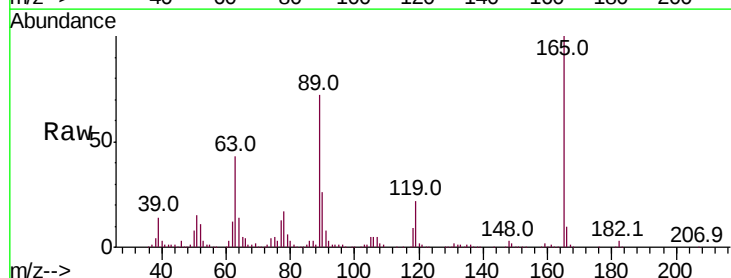
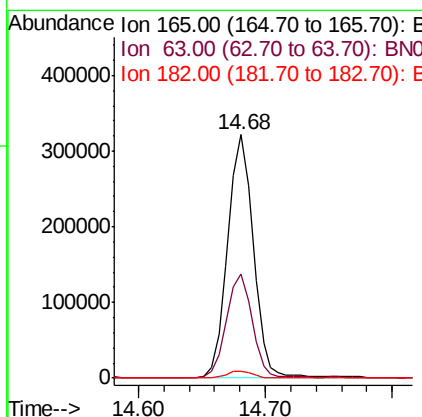
RT: 14.68 min Scan# 1988

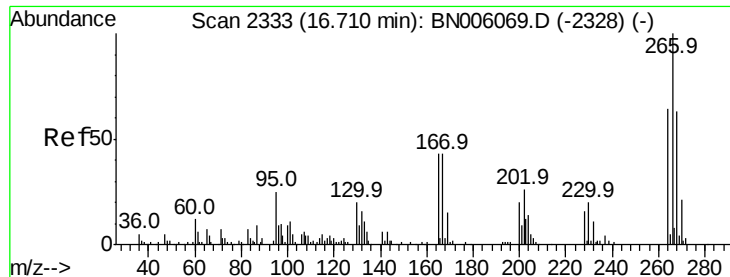
Delta R.T. -0.00 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	452850		
63	42.6	33.8	50.8	
182	2.9	2.2	3.2	





#68

Pentachlorophenol

Concen: 28.674 ng/ul

RT: 16.71 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Instrument :

BNA_N

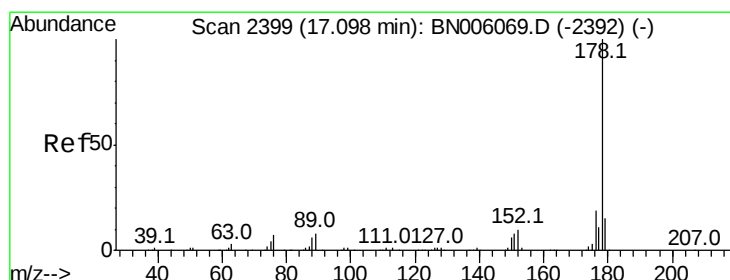
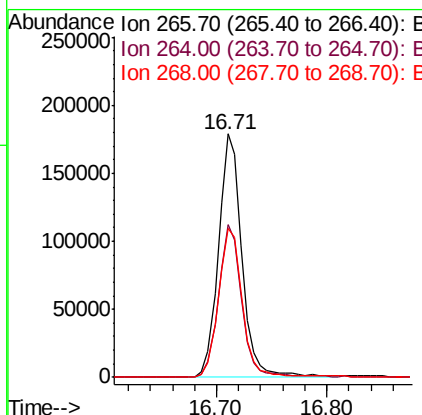
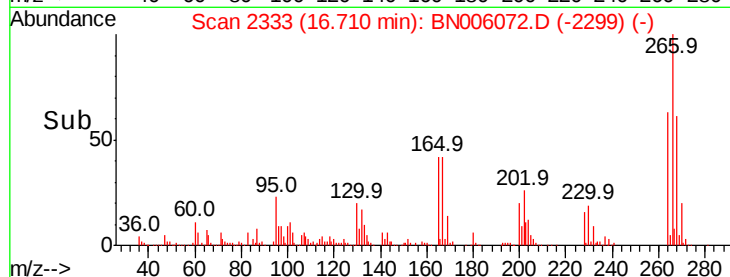
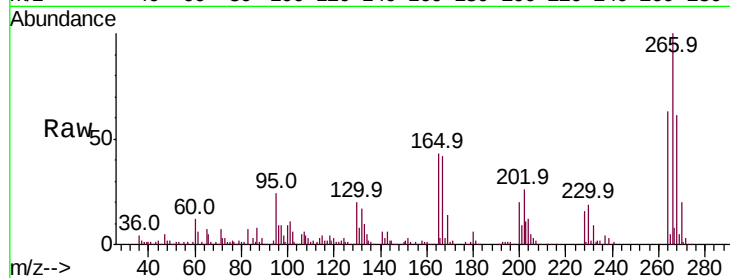
ClientSampleId :

A42A4MS

Tot Ion:	266	Resp:	264417
Ion Ratio		Lower	Upper
266	100		
264	62.5	49.8	74.8
268	61.3	51.8	77.8

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#69

Phenanthrene

Concen: 7.323 ng/ul

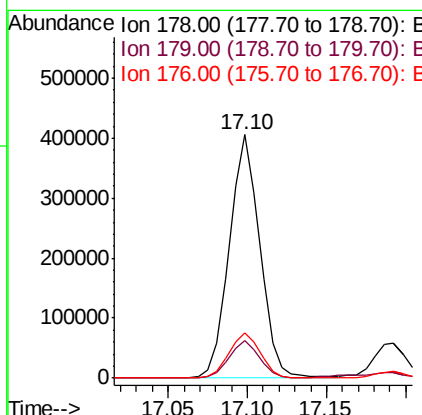
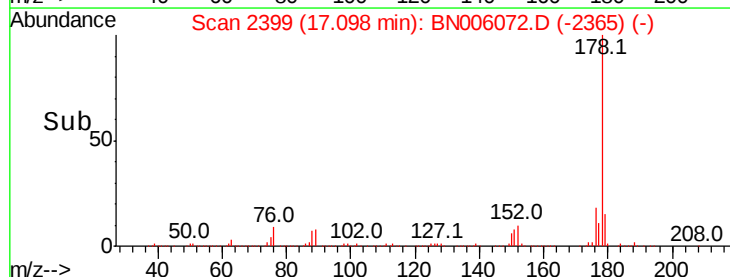
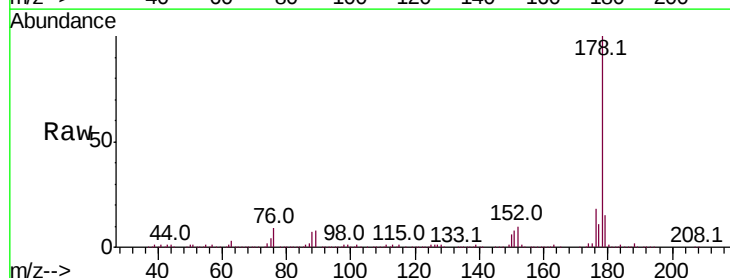
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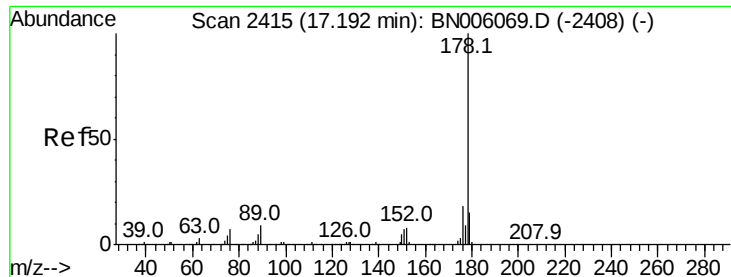
Delta R.T. -0.00 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Tgt Ion:	178	Resp:	539880
Ion Ratio		Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.4	15.0	22.6





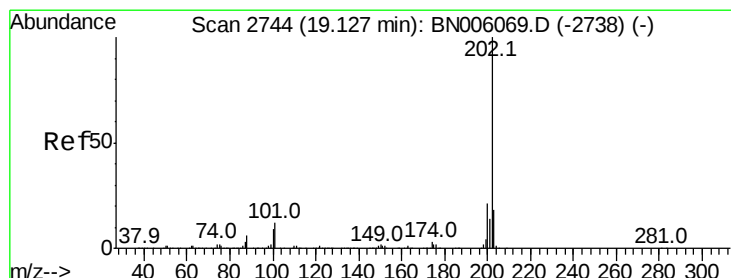
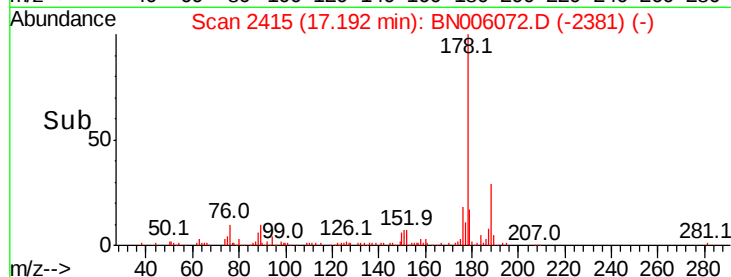
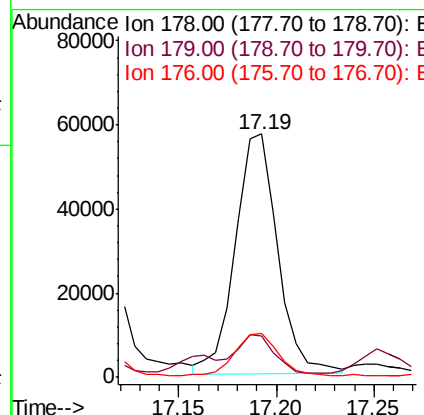
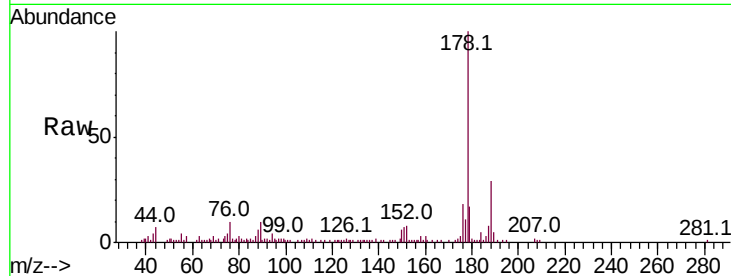
#71
 Anthracene
 Concen: 1.141 ng/ul
 RT: 17.19 min Scan# 2415
 Delta R.T. -0.00 min
 Lab File: BN006072.D
 Acq: 04 Jun 2019 20:14

Instrument :
 BNA_N
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 A42A4MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	17.9	14.8	22.2

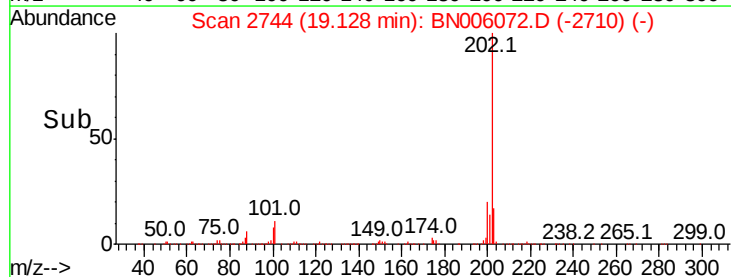
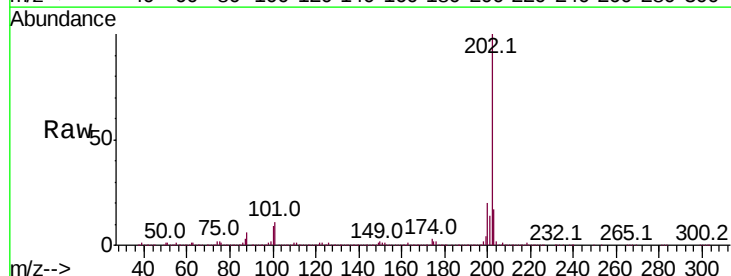
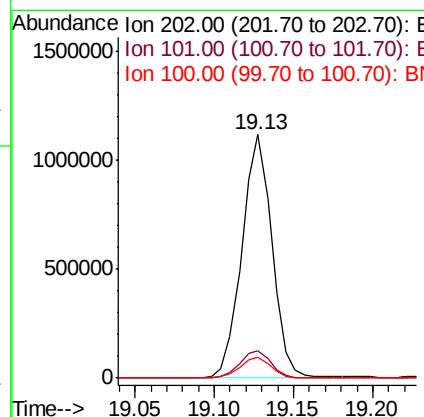
Manual Integrations
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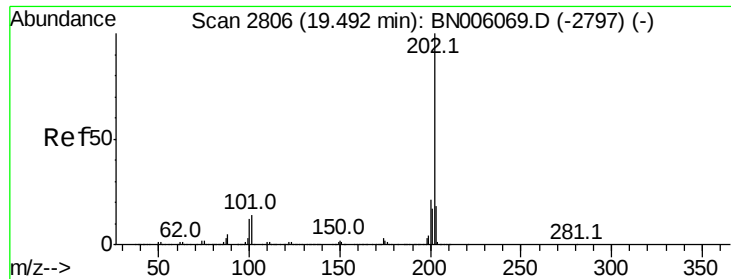
mohammad
 6/5/2019 9:27:06 AM



#76
 Fluoranthene
 Concen: 17.767 ng/ul
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.00 min
 Lab File: BN006072.D
 Acq: 04 Jun 2019 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.6	14.4
100	8.5	7.1	10.7





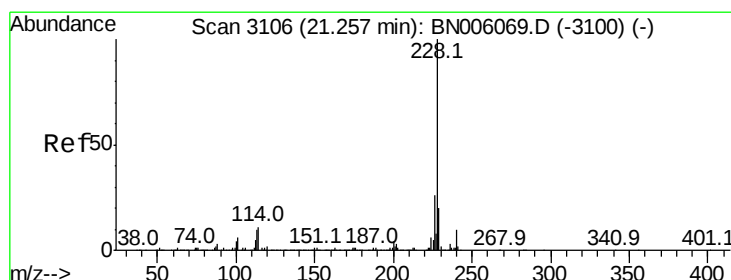
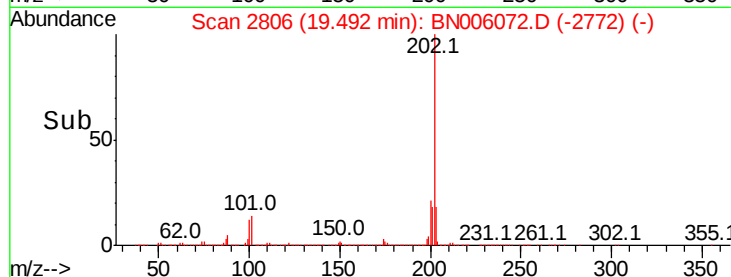
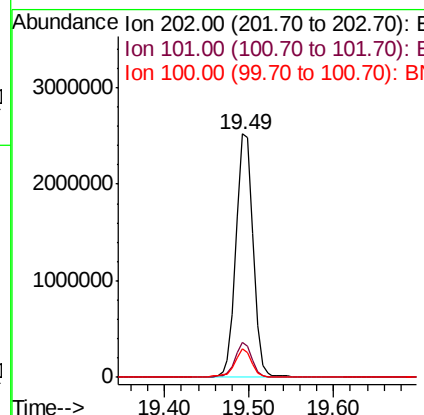
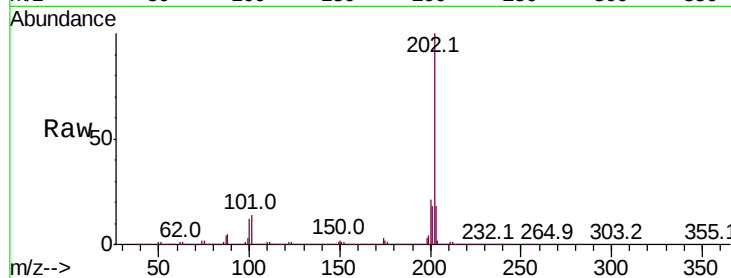
#79
Pvrene
Concen: 44.151 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BN006072.D
Acq: 04 Jun 2019 20:14

Instrument :
BNA_N
ClientSampleId :
A42A4MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.5	17.3
100	11.7	9.0	13.6

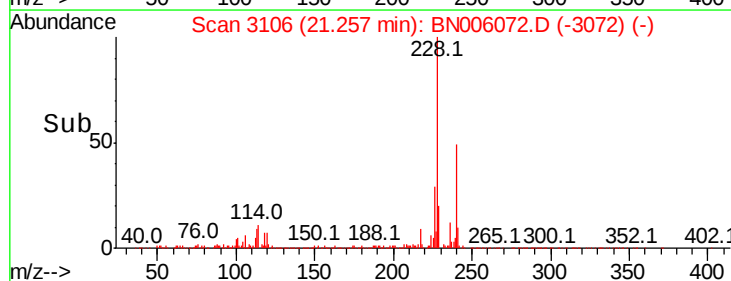
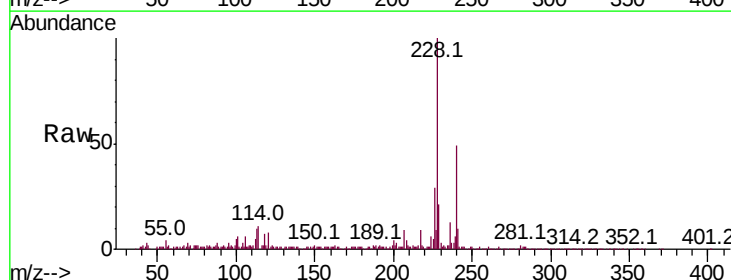
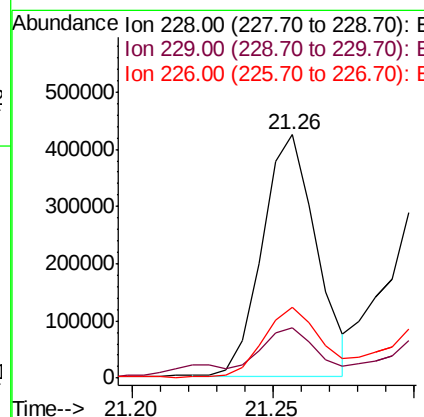
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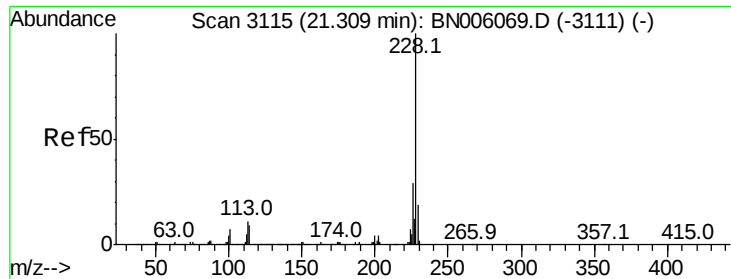
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#82
Benzo(a)anthracene
Concen: 7.120 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BN006072.D
Acq: 04 Jun 2019 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.1	24.1
226	29.3	21.9	32.9





#84

Chrysene

Concen: 10.126 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Instrument :

BNA_N

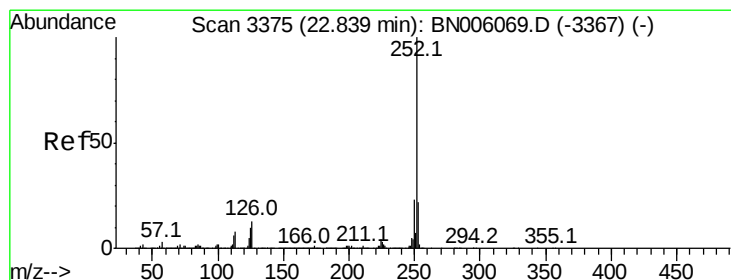
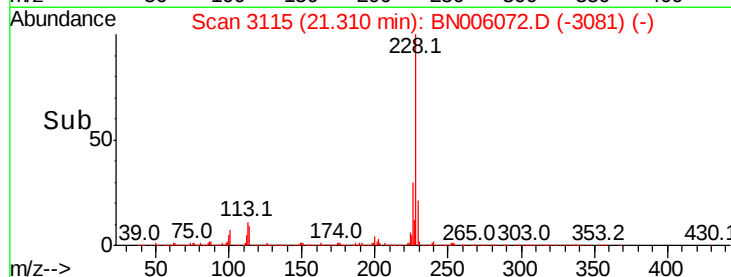
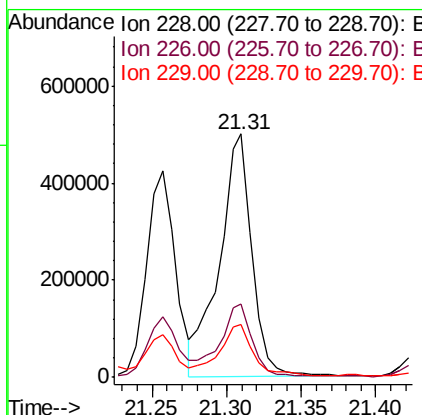
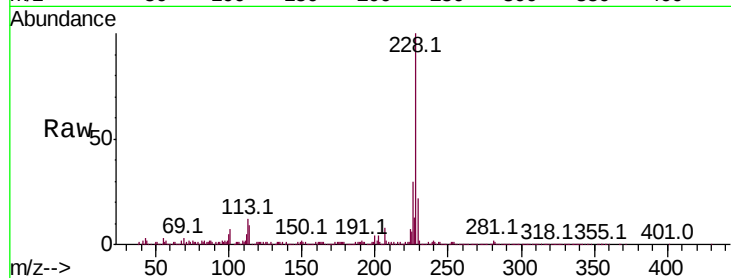
ClientSampleId :

A42A4MS

Tot Ion:	228	Resp:	767017
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	21.7	16.0	24.0

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#87

Benzo(b)fluoranthene

Concen: 13.286 ng/ul

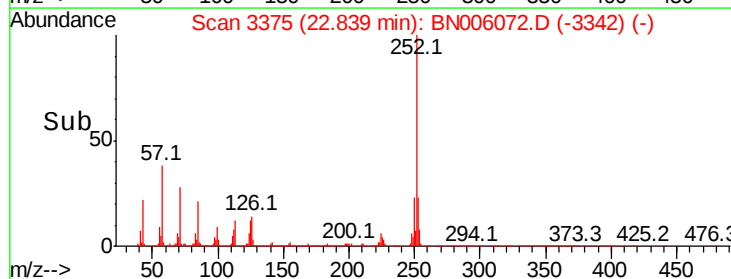
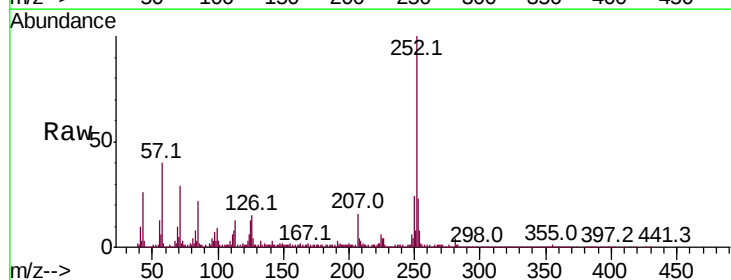
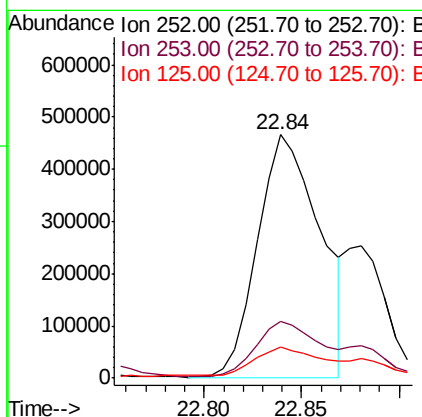
RT: 22.84 min Scan# 3375

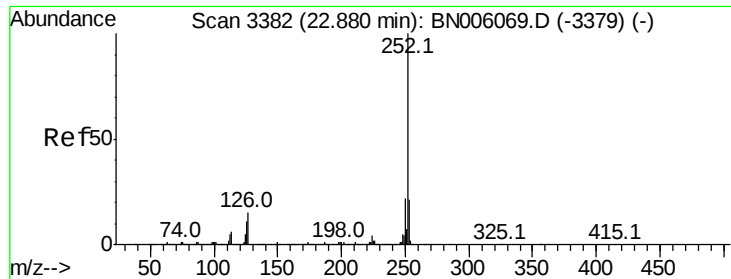
Delta R.T. -0.01 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Tgt Ion:	252	Resp:	1029509
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	12.7	8.2	12.2#





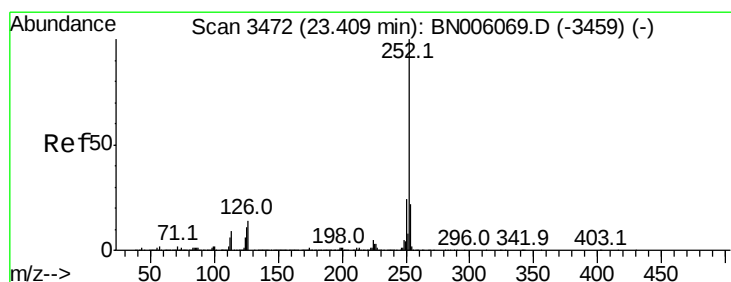
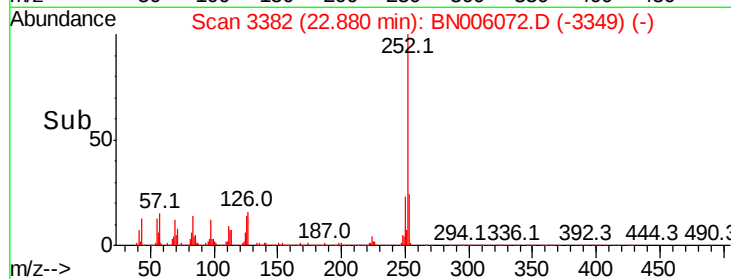
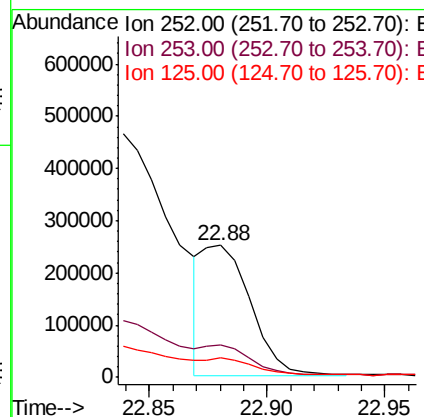
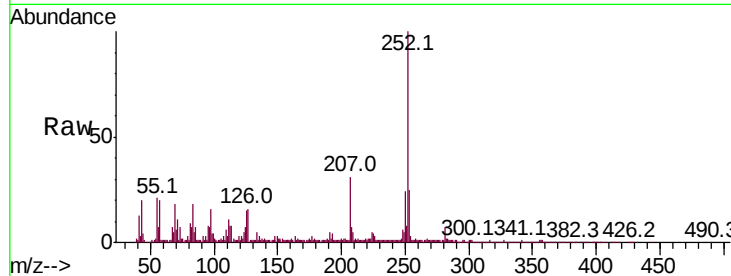
#88
Benzo(k)fluoranthene
Concen: 4.650 ng/ul m
RT: 22.88 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BN006072.D
Acq: 04 Jun 2019 20:14

Instrument :
BNA_N
ClientSampleId :
A42A4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	15.2	8.0	12.0

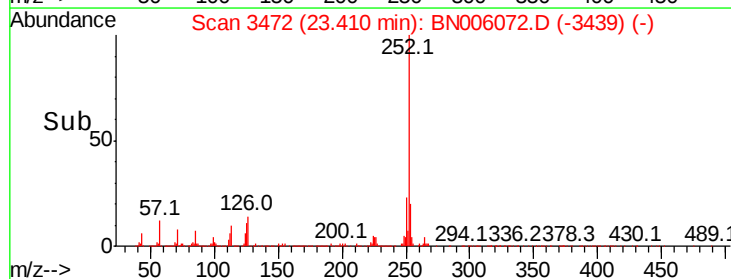
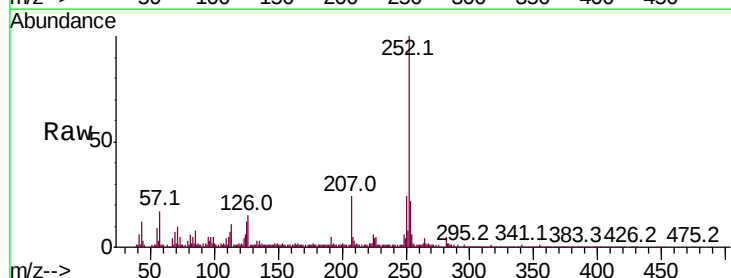
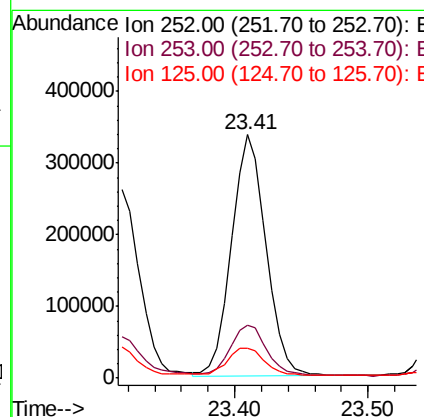
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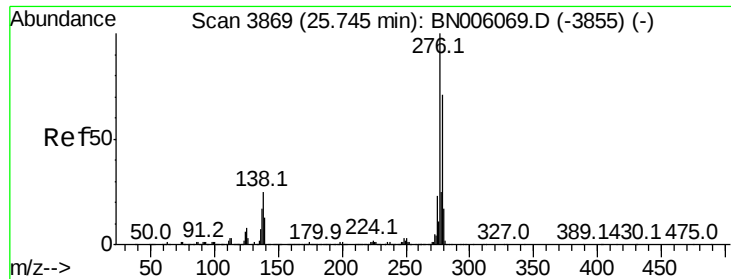
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#90
Benzo(a)pyrene
Concen: 8.058 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN006072.D
Acq: 04 Jun 2019 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	12.4	9.7	14.5





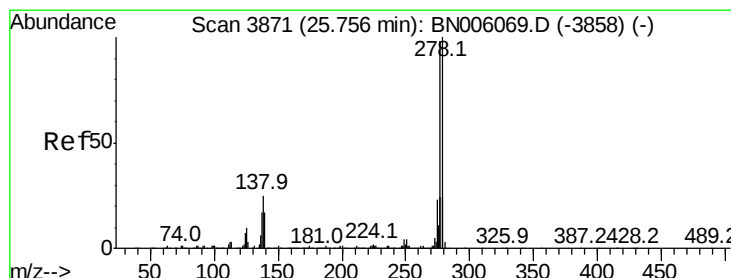
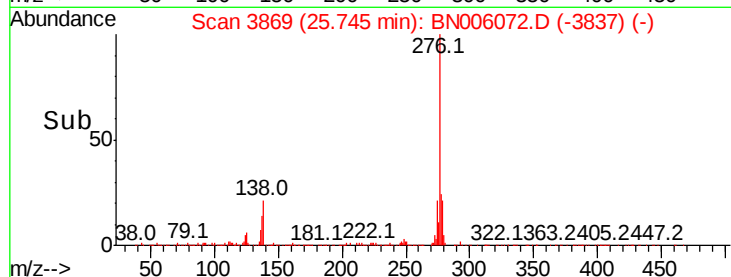
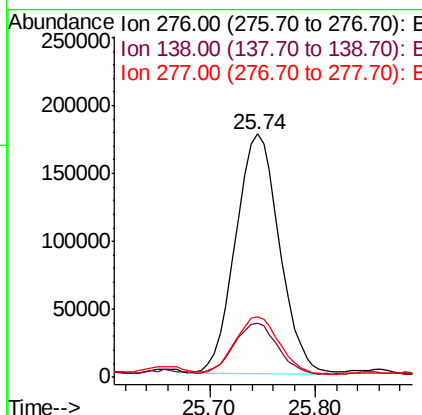
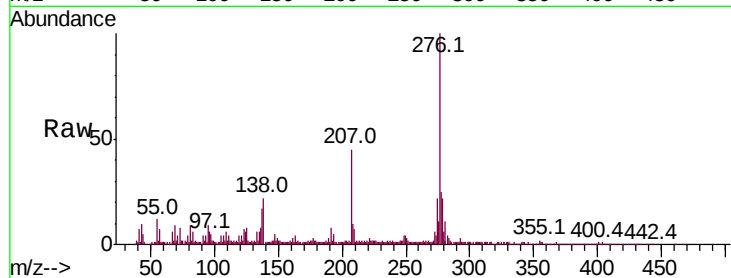
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 5.589 ng/ul
 RT: 25.74 min Scan# 3869
 Delta R.T. -0.01 min
 Lab File: BN006072.D
 Acq: 04 Jun 2019 20:14

Instrument :
 BNA_N
 ClientSampleId :
 A42A4MS

Tot Ion:	276	Resp:	510469
Ion Ratio	Lower	Upper	
276	100		
138	22.4	20.2	30.4
277	24.7	19.8	29.8

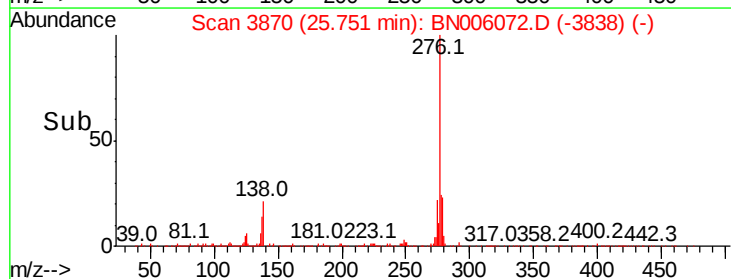
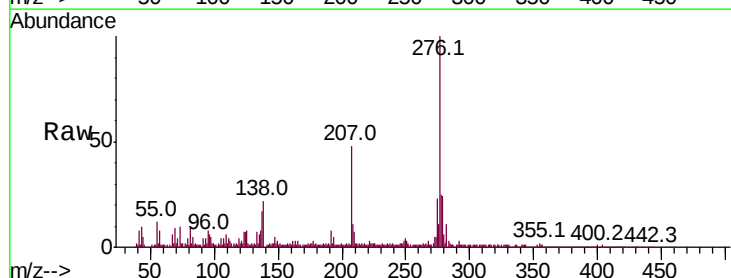
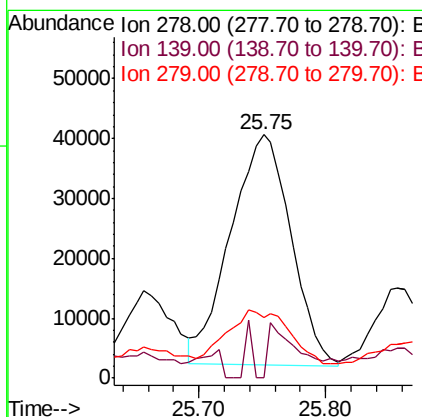
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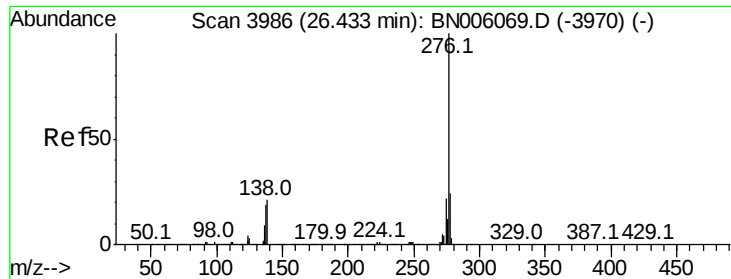
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.649 ng/ul
 RT: 25.75 min Scan# 3870
 Delta R.T. -0.01 min
 Lab File: BN006072.D
 Acq: 04 Jun 2019 20:14

Tgt Ion:	278	Resp:	127007
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.6	20.4#
279	25.1	19.0	28.6





#93

Benzo(a,h,i)perylene

Concen: 4.705 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. -0.01 min

Lab File: BN006072.D

Acq: 04 Jun 2019 20:14

Instrument :

BNA_N

ClientSampleId :

A42A4MS

Tot Ion:	276	Resp:	365248
Ion Ratio	Lower	Upper	
276	100		
138	21.8	18.0	27.0
277	24.3	18.8	28.2

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