

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006489.D
 Acq On : 22 Jun 2019 15:13
 Operator : HP/JU
 Sample : K3362-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4207

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:44:24 AM

Quant Time: Jun 24 04:42:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	366889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1607004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	887536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1751941	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1078494	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1192526	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	41855	4.46	ng/uL	0.00
5) Phenol-d5	6.80	99	849469	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	525669	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	658943	22.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	632879	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	319731	24.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	354254	25.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	636045	23.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	443161	14.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1852054	23.81	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2230460	23.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	235808	17.74	ng/ul	0.00
57) Fluorene-d10	15.28	176	1564895	23.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	161078	14.53	ng/ul	0.00
70) Anthracene-d10	17.13	188	2092001	23.72	ng/ul	0.00
78) Pyrene-d10	19.45	212	1854805	29.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1541284	22.88	ng/ul	0.01

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.74	163	620662	8.655	ng/ul	99
47) Acenaphthylene	14.00	152	102717	1.216	ng/ul	99
69) Phenanthrene	17.07	178	126350	1.308	ng/ul	99
76) Fluoranthene	19.11	202	292389	2.808	ng/ul	98
79) Pyrene	19.47	202	370863	5.051	ng/ul	99
82) Benzo(a)anthracene	21.24	228	163896	2.223	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.17	149	47793	1.012	ng/ul	96
84) Chrysene	21.30	228	176386	2.514	ng/ul	96
87) Benzo(b)fluoranthene	22.83	252	317554	4.437	ng/ul#	96
88) Benzo(k)fluoranthene	22.87	252	106420m	1.556	ng/ul	
90) Benzo(a)pyrene	23.40	252	265281	3.866	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.73	276	193421	2.382	ng/ul	97
93) Benzo(g,h,i)perylene	26.42	276	187105	2.735	ng/ul	97

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

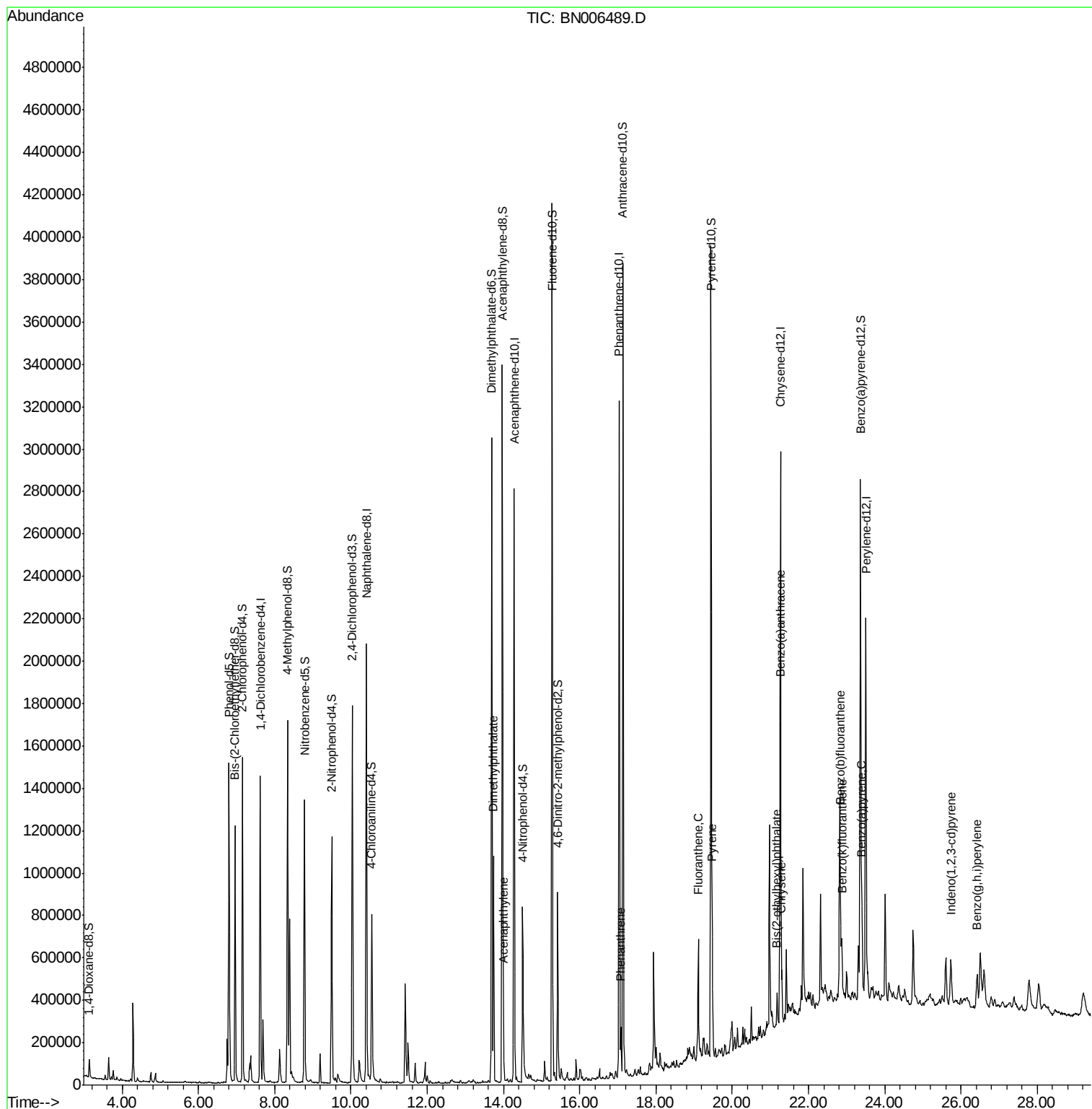
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Data File : BN006489.D
Acq On : 22 Jun 2019 15:13
Operator : HP/JU
Sample : K3362-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

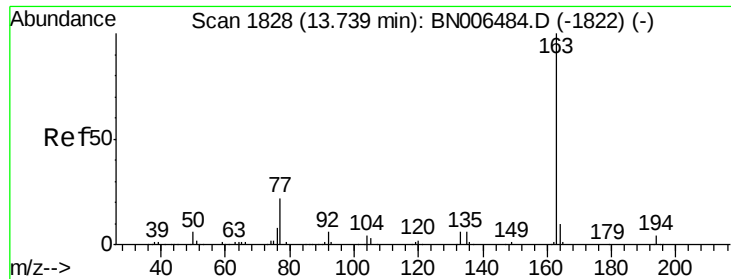
Instrument :
BNA_N
ClientSampled :
A4207

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Quant Time: Jun 24 04:42:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
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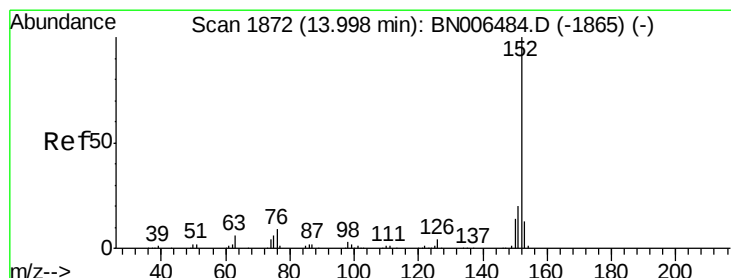
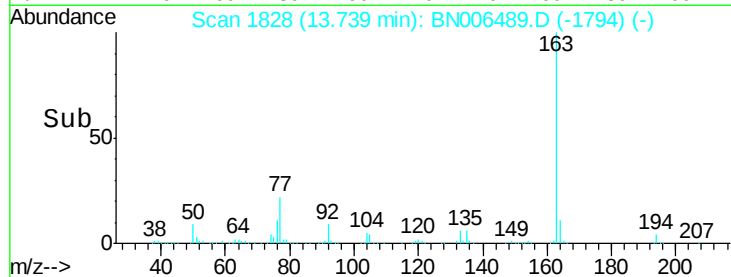
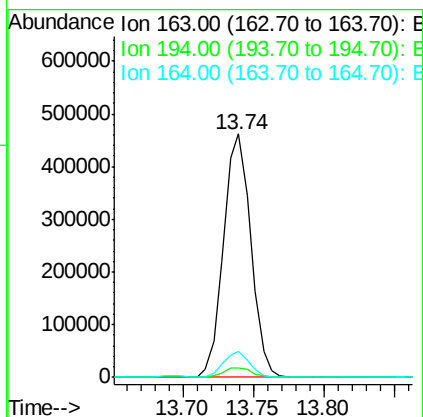
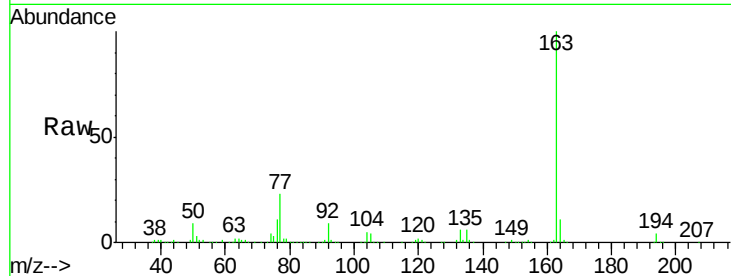
#44
Dimethylphthalate
Concen: 8.655 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Instrument :
BNA_N
ClientSampleId :
A4207

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	620662		
194	4.1		3.4	5.0
164	10.5		8.0	12.0

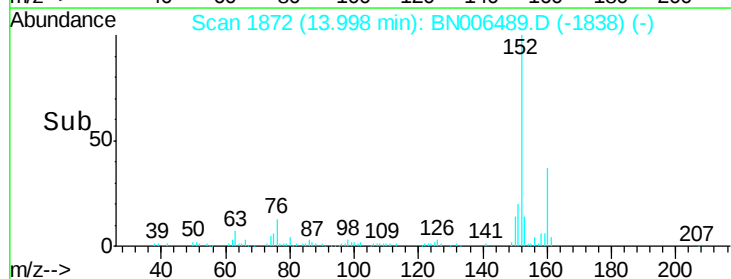
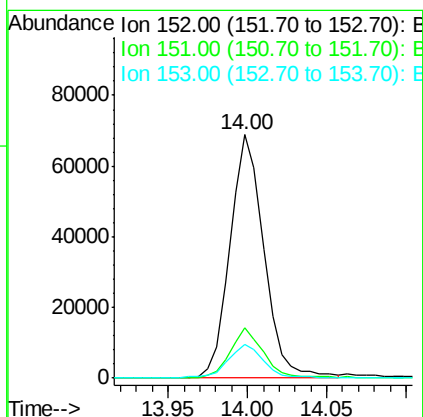
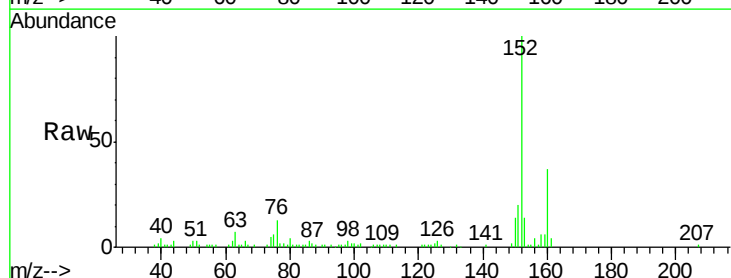
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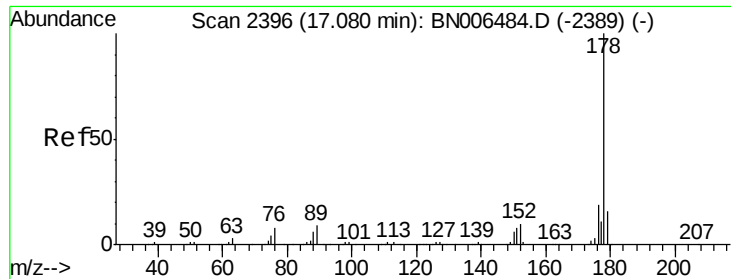
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#47
Acenaphthylene
Concen: 1.216 ng/ul
RT: 14.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	102717		
151	20.5		15.9	23.9
153	13.8		10.6	16.0





#69

Phenanthrene

Concen: 1.308 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Instrument :

BNA_N

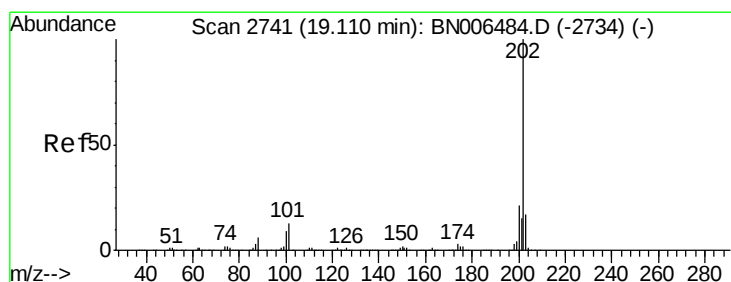
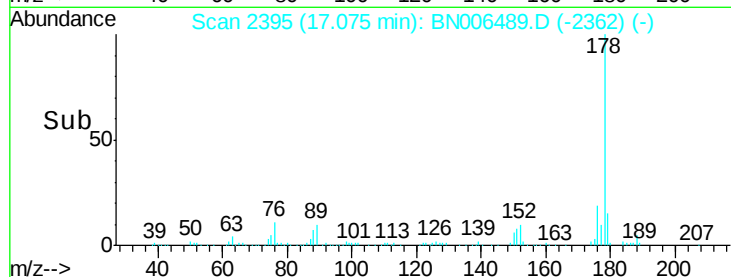
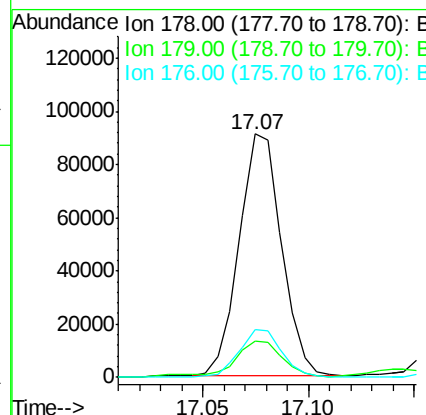
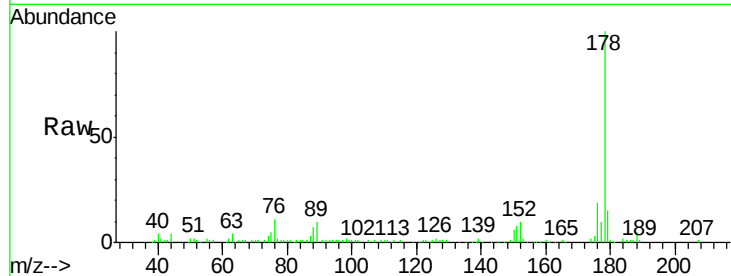
ClientSampleId :

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Tgt Ion:	178	Resp:	126350
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.5	18.7
176	19.4	15.3	22.9

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#76

Fluoranthene

Concen: 2.808 ng/ul

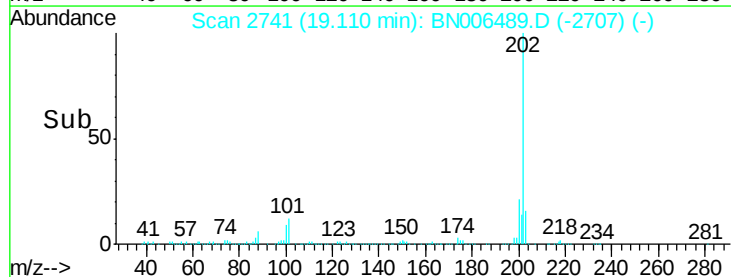
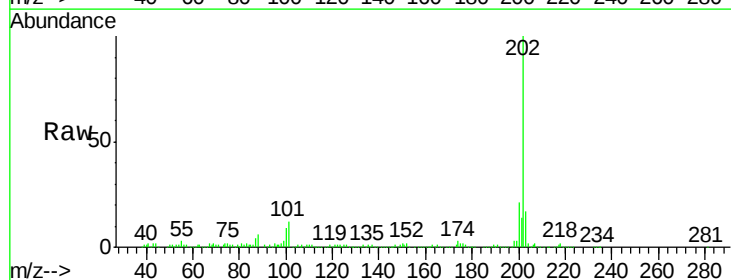
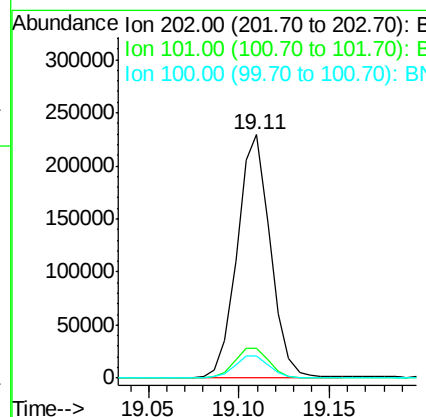
RT: 19.11 min Scan# 2741

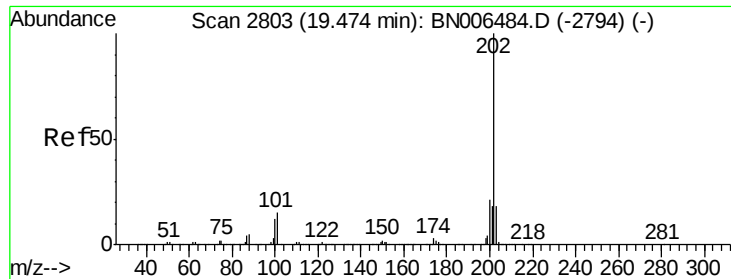
Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Tgt Ion:	202	Resp:	292389
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.5	15.7
100	9.0	7.6	11.4





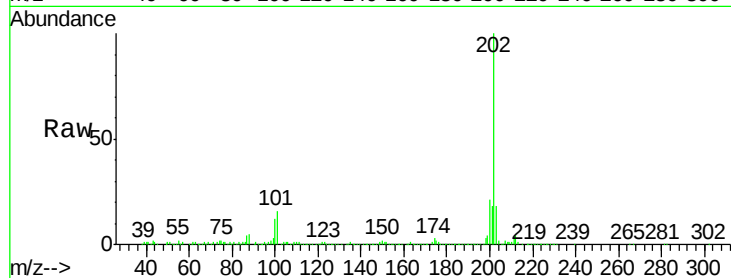
#79
Pyrene
Concen: 5.051 ng/u1
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Instrument :
BNA_N
ClientSampleId :
A4207

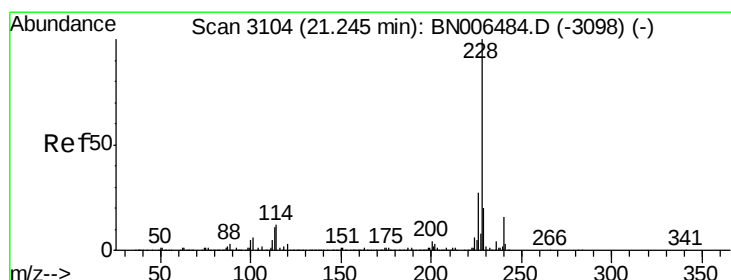
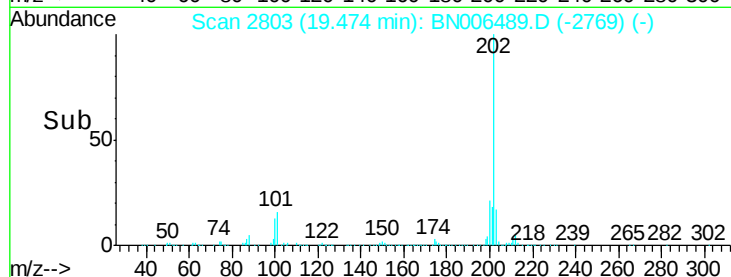
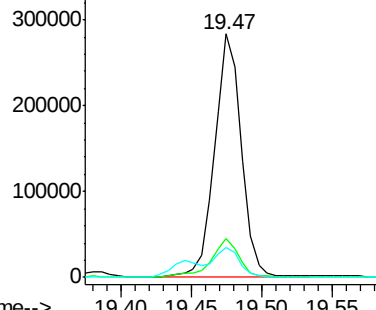
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	370863		
101	16.0	12.2	18.4	
100	12.4	9.8	14.6	

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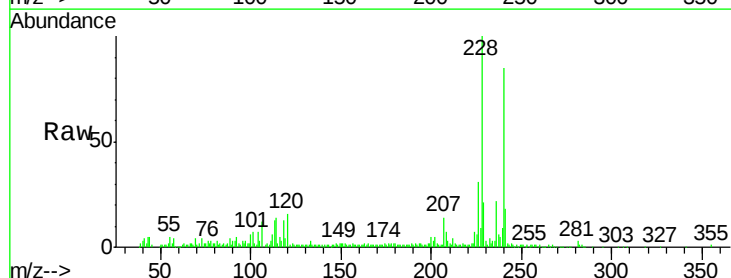


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

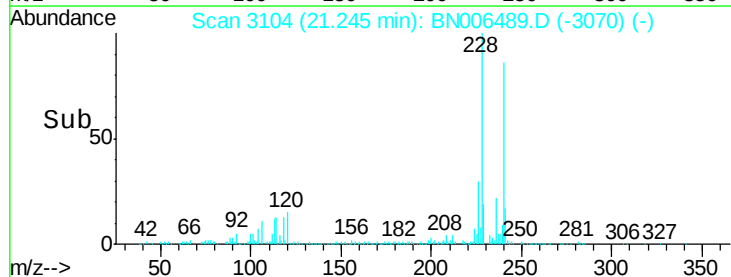
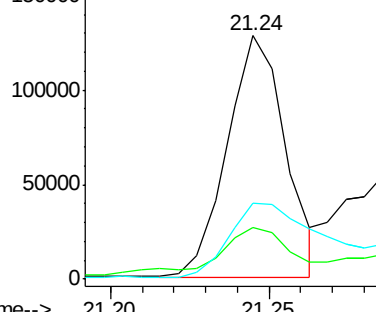


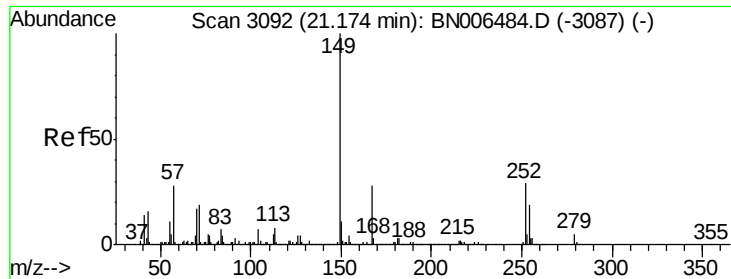
#82
Benzo(a)anthracene
Concen: 2.223 ng/u1
RT: 21.24 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	163896		
229	21.4	15.6	23.4	
226	31.0	21.5	32.3	



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





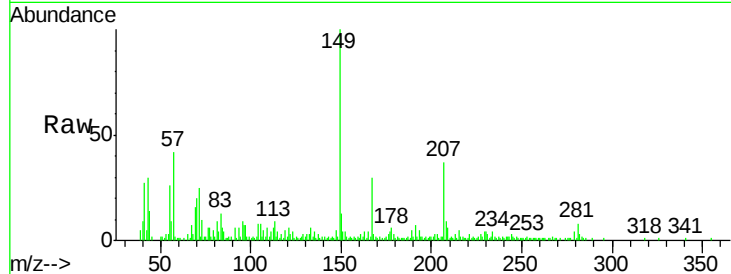
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.012 ng/ul
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BN006489.D
 Acq: 22 Jun 2019 15:13

Instrument :
 BNA_N
 ClientSampleId :
 A4207

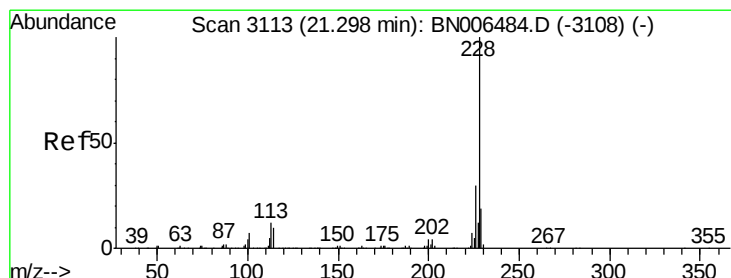
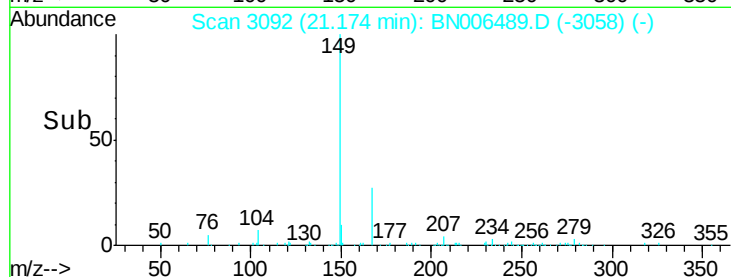
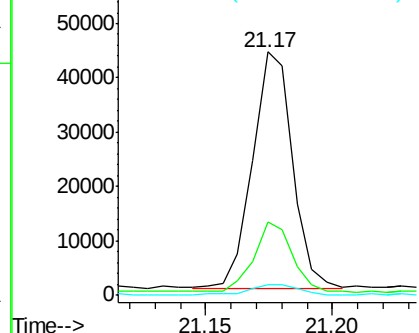
Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.2	33.4
279	4.1	3.3	4.9

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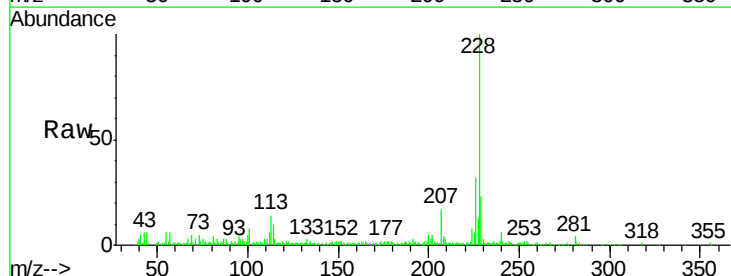


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

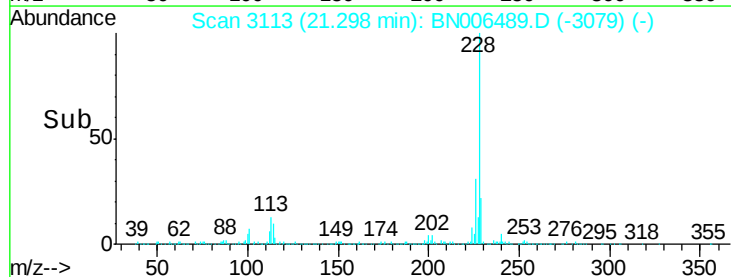
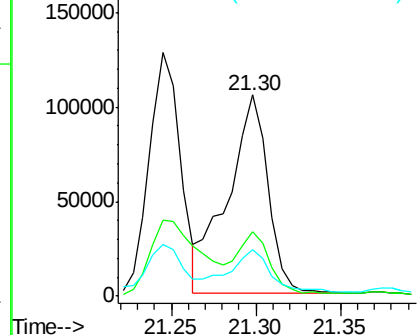


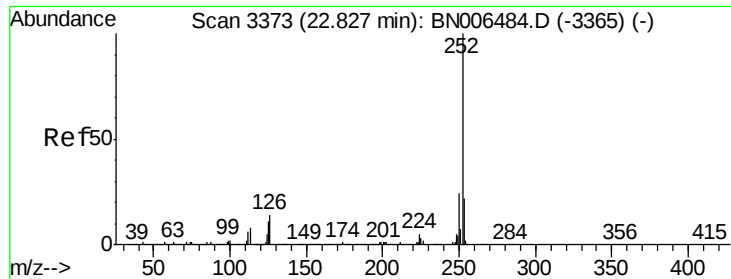
#84
 Chrysene
 Concen: 2.514 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BN006489.D
 Acq: 22 Jun 2019 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	23.1	15.9	23.9



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





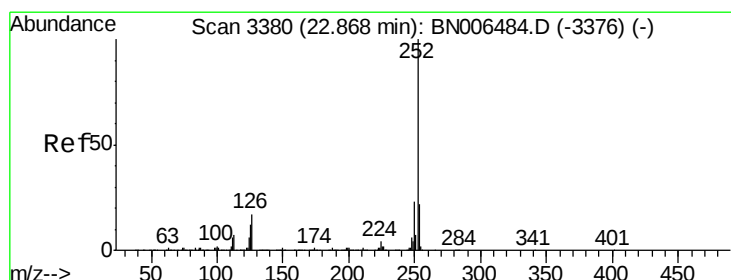
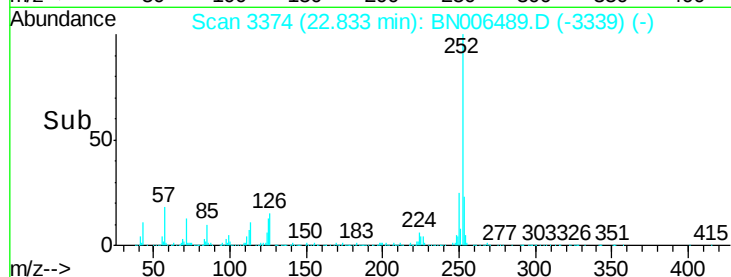
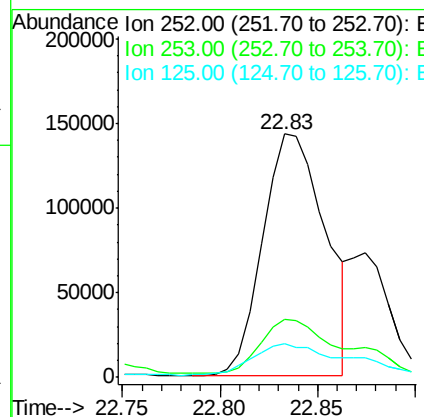
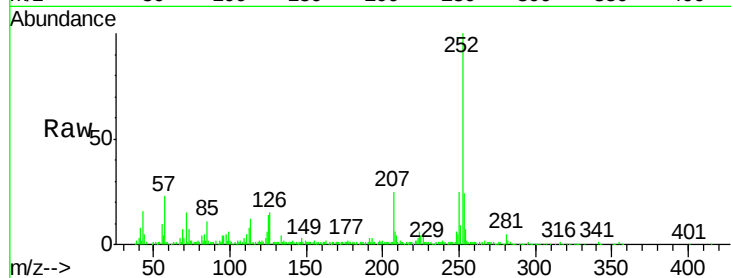
#87
Benzo(b)fluoranthene
Concen: 4.437 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	317554		
253	23.6	17.7	26.5	
125	13.6	9.0	13.6#	

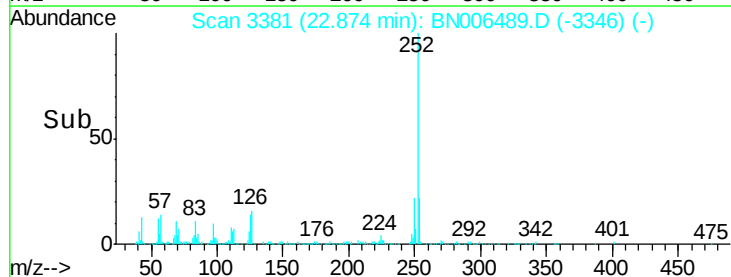
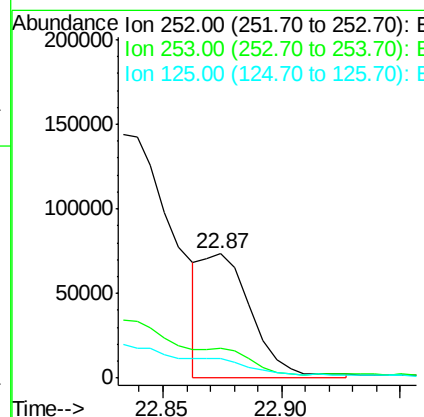
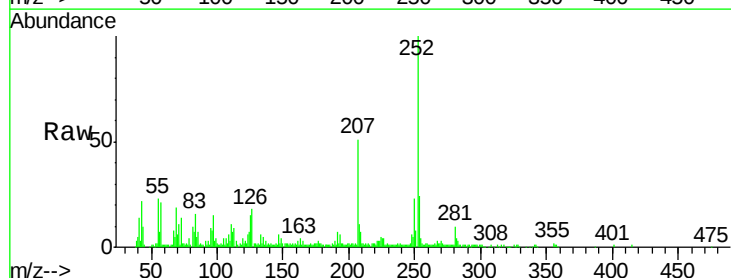
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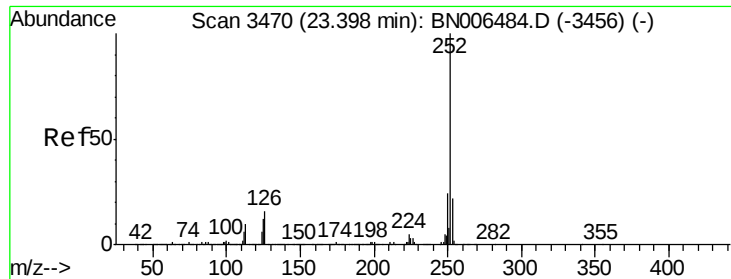
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#88
Benzo(k)fluoranthene
Concen: 1.556 ng/ul m
RT: 22.87 min Scan# 3381
Delta R.T. 0.01 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	106420		
253	24.2	17.4	26.0	
125	15.5	9.1	13.7#	





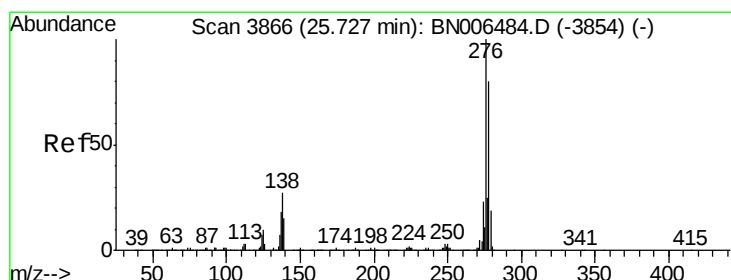
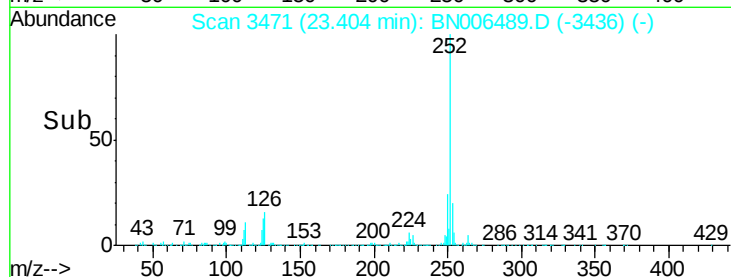
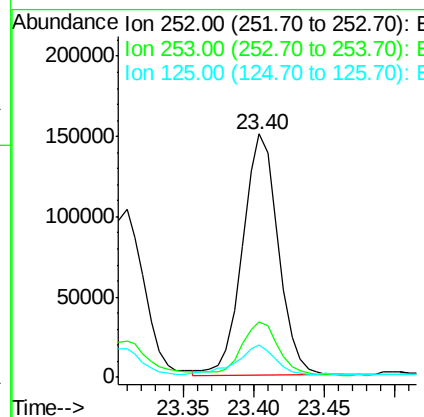
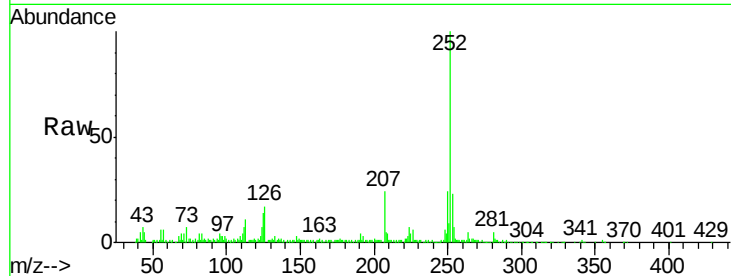
#90
Benzo(a)pyrene
Concen: 3.866 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Instrument :
BNA_N
ClientSampleId :
A4207

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	17.7	26.5
125	13.5	10.0	15.0

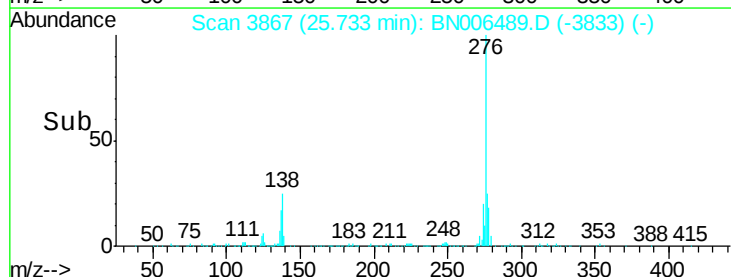
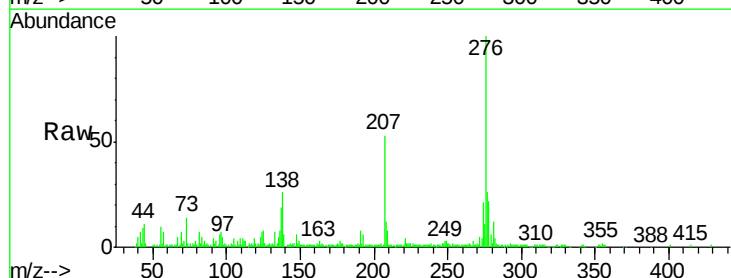
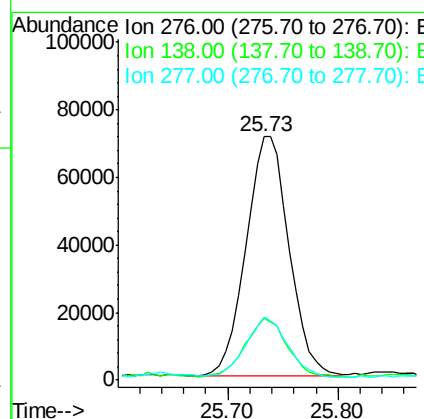
Manual Integrations
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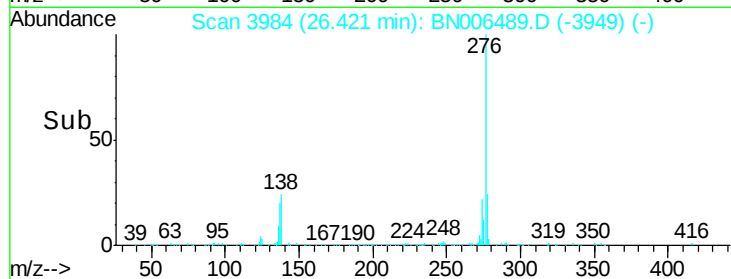
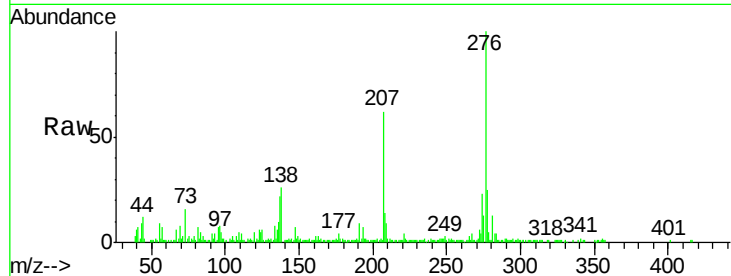
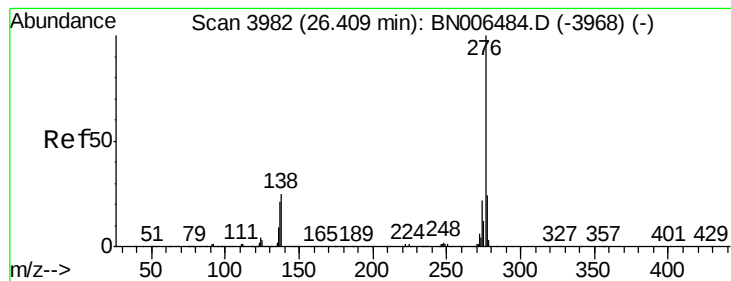
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.382 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. -0.00 min
Lab File: BN006489.D
Acq: 22 Jun 2019 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.5	22.2	33.4
277	26.0	20.2	30.4





#93

Benzo(g,h,i)perylene

Concen: 2.735 ng/ul

RT: 26.42 min Scan# 3984

Delta R.T. 0.01 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Instrument :

BNA_N

ClientSampleId :

A4207

Tgt	Ion	276	Resp:	187105
	Ratio	100	Lower	Upper
276				
138	25.6	19.1	28.7	
277	25.0	19.4	29.0	

Manual Integrations
APPROVED

mohammad
6/25/2019 8:44:24 AM

