Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028430.D
Acq On : 18 Jan 2021 18:08
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 18 23:43:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 23:34:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	132693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	70866	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	136782	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	125844	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	127631	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	4679	5.78	ng/uL	0.00
5) Phenol-d5	7.24	99	91837	31.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	57526	31.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	79343	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	74687	31.74	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	35626	31.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	38873	31.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	70705	31.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	95120	36.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	185809	33.02	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	240924	33.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	29483	27.97	ng/ul	0.00
58) Fluorene-d10	15.71	176	154194	31.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	19229	20.43	ng/ul	0.00
71) Anthracene-d10	17.55	188	226997	32.23	ng/ul	0.00
79) Pyrene-d10	19.82	212	235791	32.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	243408	33.61	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.27	94	10248	3.535	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.80	70	1868	1.057	ng/ul#	1
17) Hexachloroethane	9.17	117	3012	2.682	ng/ul#	84
31) Hexachlorobutadiene	11.23	225	19504	13.769	ng/ul	99
45) Dimethylphthalate	14.17	163	12355	2.166	ng/ul	97
46) 2,6-Dinitrotoluene	14.13	165	1271	1.089	ng/ul#	43
48) Acenaphthylene	14.45	152	8080	1.123	ng/ul	95
67) Hexachlorobenzene	16.76	284	2241	1.200	ng/ul	94
70) Phenanthrene	17.49	178	11981	1.419	ng/ul	99
77) Fluoranthene	19.49	202	11526	1.254	ng/ul	99
80) Pyrene	19.84	202	23833	2.448	ng/ul	96

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

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Acq On : 18 Jan 2021 18:08
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 18 23:43:42 2021
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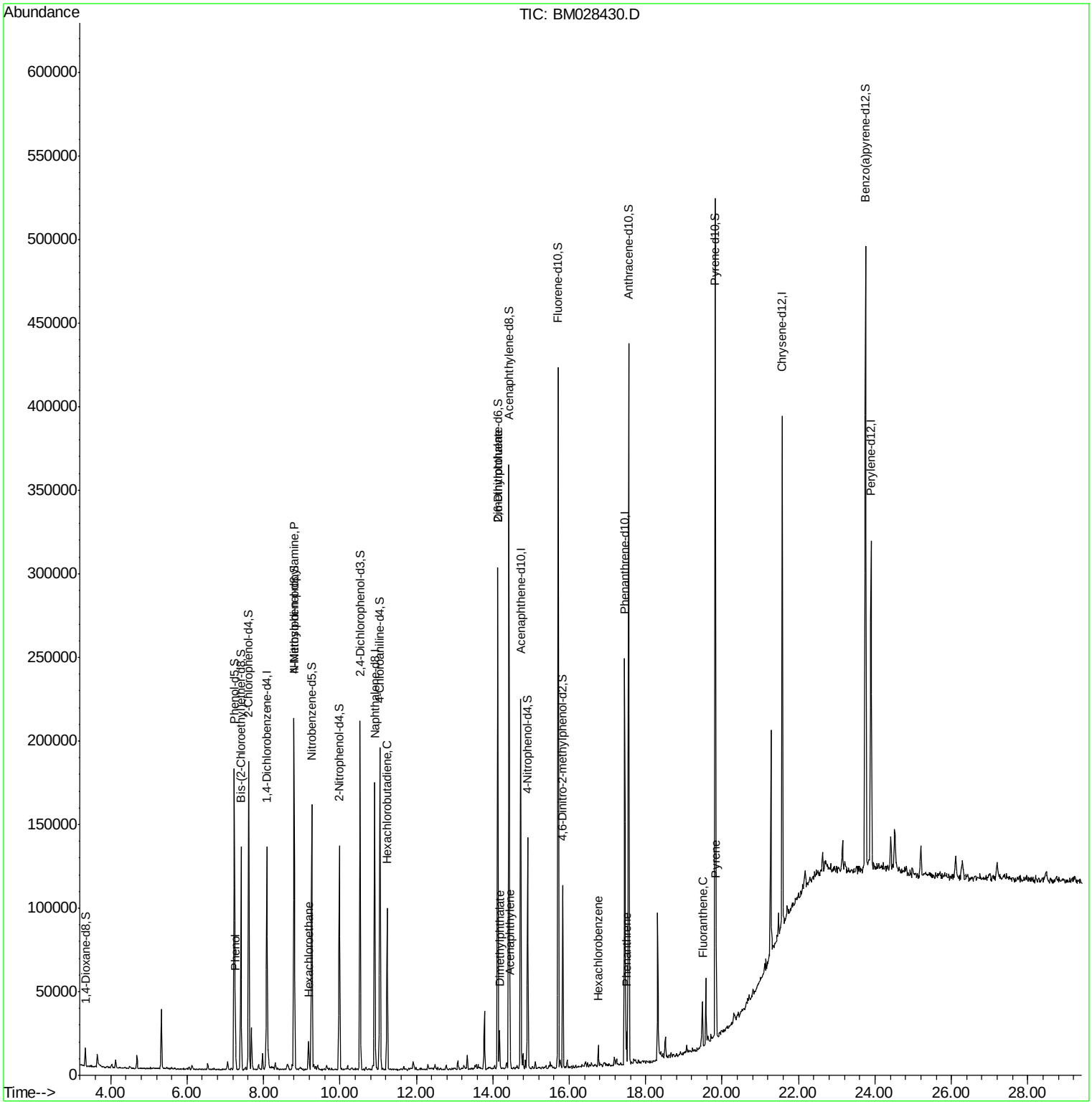
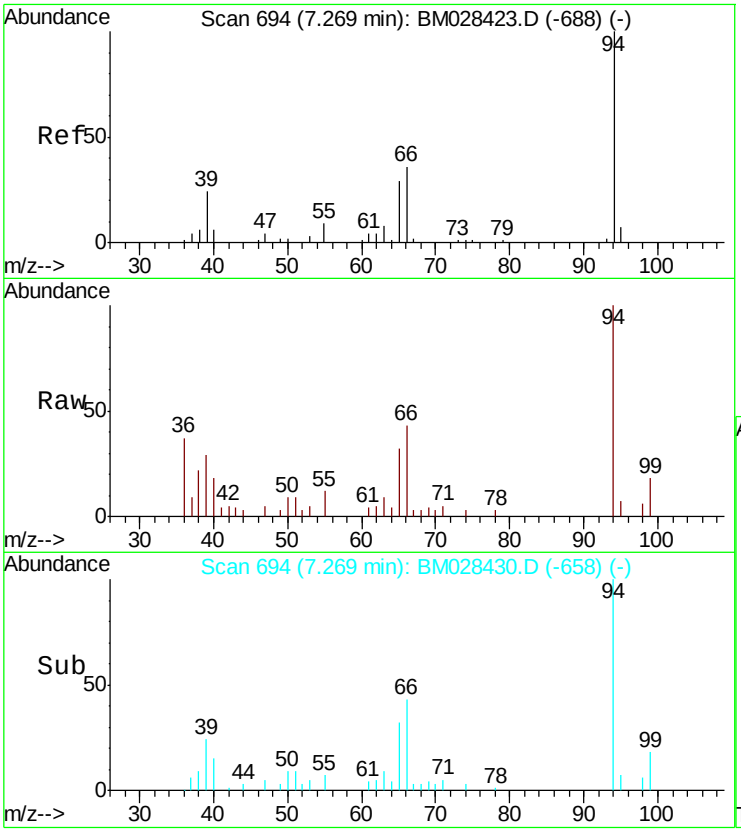
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 23:34:50 2021
Response via : Initial Calibration



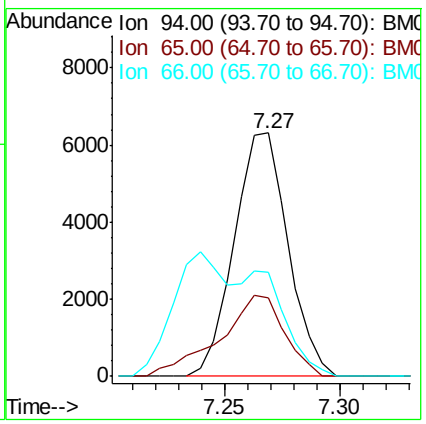


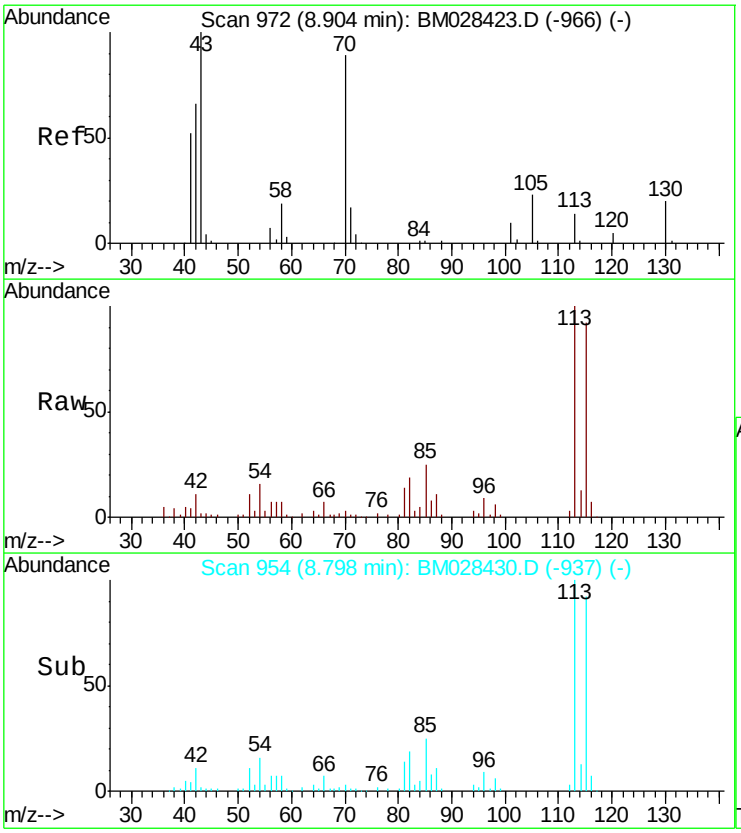
#6
Phenol
Concen: 3.535 ng/ul
RT: 7.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 10248

Ion	Ratio	Lower	Upper
94	100		
65	32.3	25.6	38.4
66	42.5	33.0	49.4

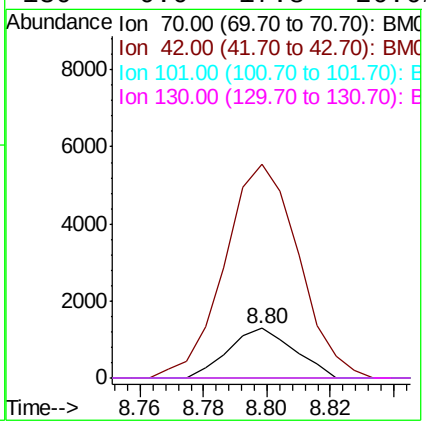


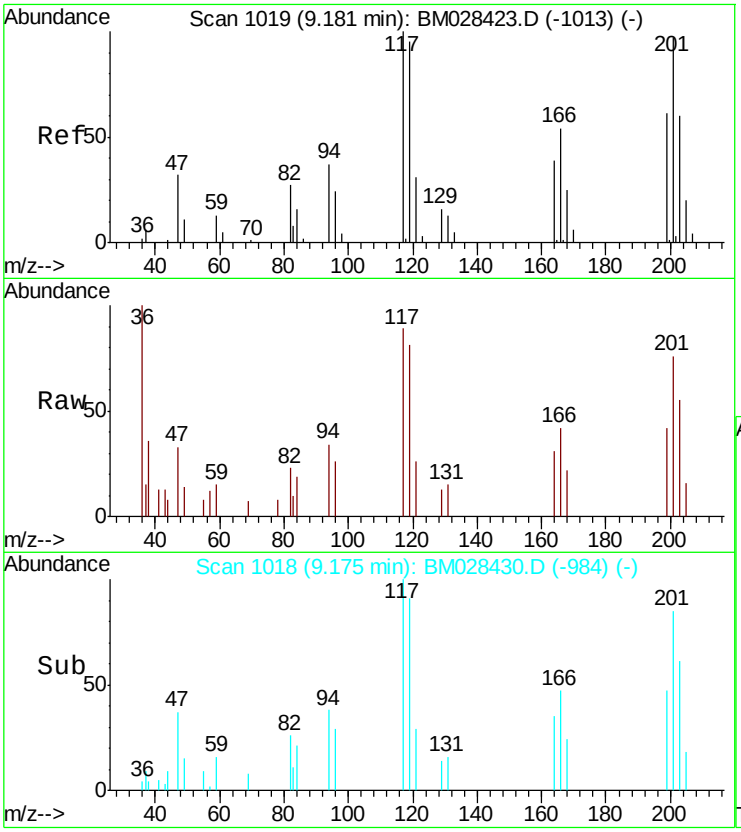


#15
N-Nitroso-di-n-propylamine
Concen: 1.057 ng/ul
RT: 8.80 min Scan# 954
Delta R.T. -0.10 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Tgt Ion: 70 Resp: 1868

Ion	Ratio	Lower	Upper
70	100		
42	430.8	58.2	87.4#
101	0.0	8.2	12.4#
130	0.0	17.8	26.6#



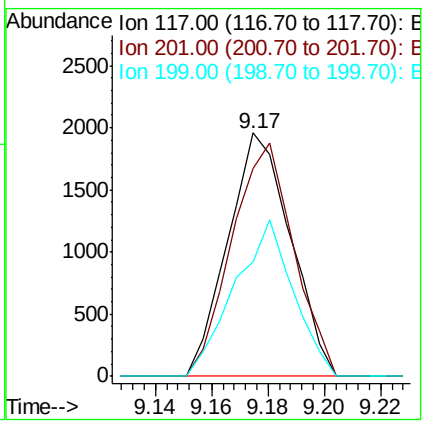


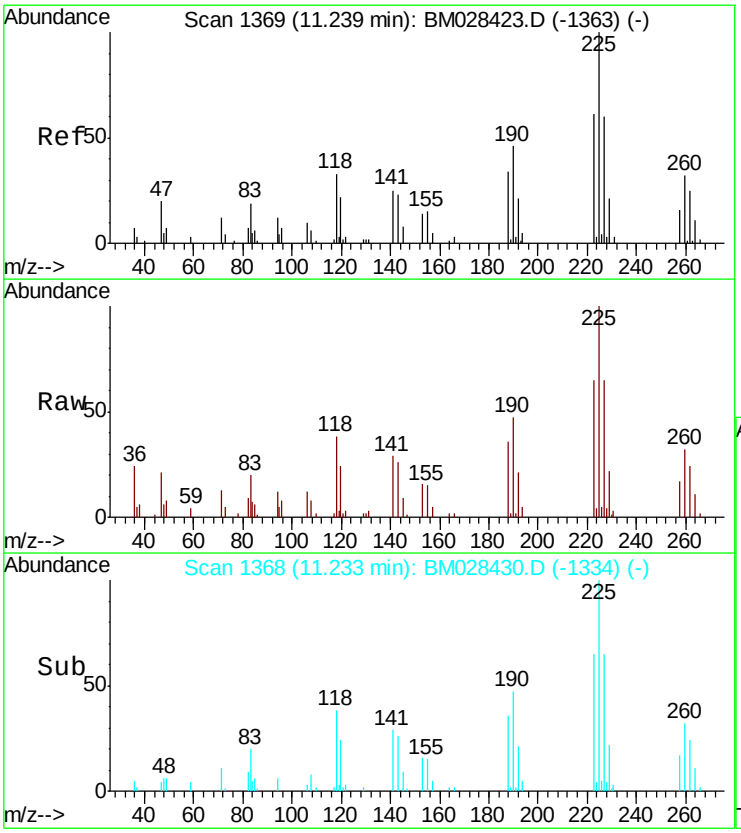
#17
Hexachloroethane
Concen: 2.682 ng/ul
RT: 9.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 3012

Ion	Ratio	Lower	Upper
117	100		
201	85.2	78.0	117.0
199	46.8	50.3	75.5#

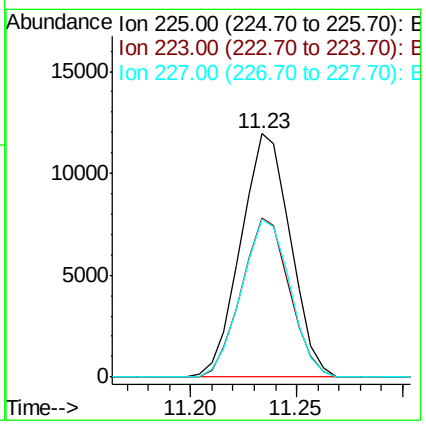


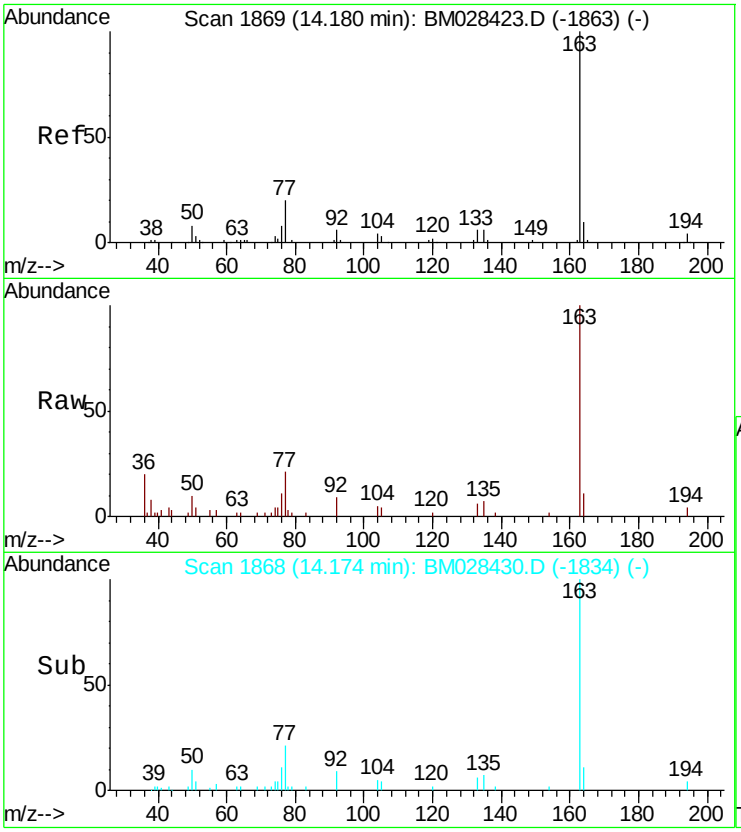


#31
Hexachlorobutadiene
Concen: 13.769 ng/ul
RT: 11.23 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Tgt Ion:225 Resp: 19504

Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.8	76.2
227	65.1	51.8	77.8



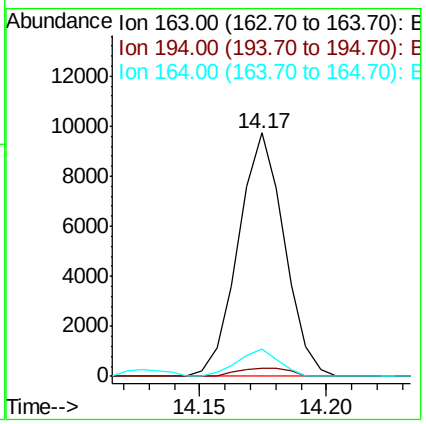


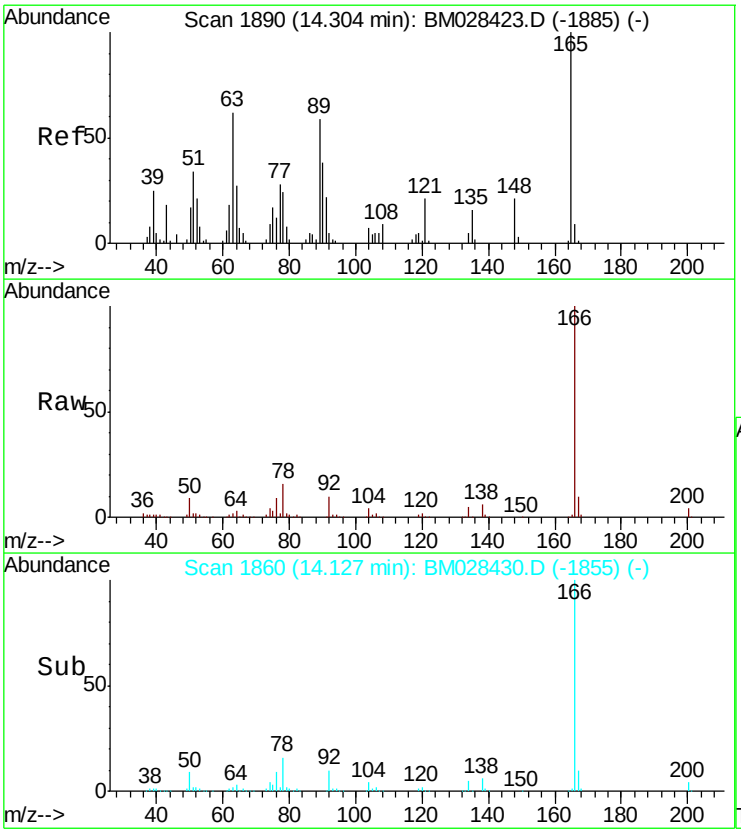
#45
Dimethylphthalate
Concen: 2.166 ng/ul
RT: 14.17 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 12355

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.3	4.9
164	11.3	8.2	12.2

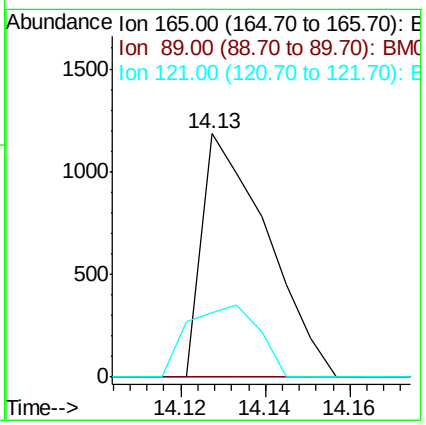


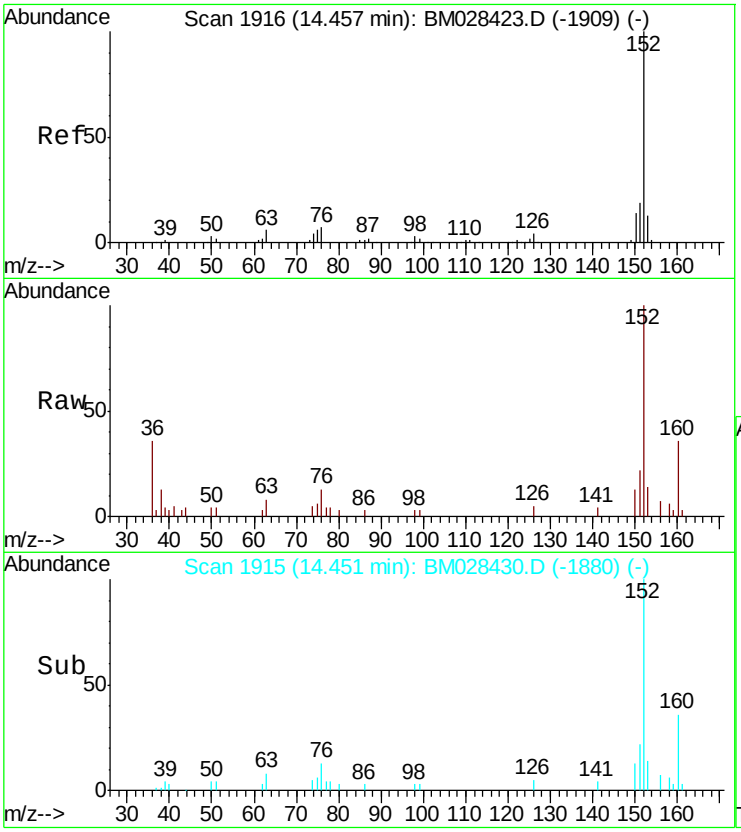


#46
2,6-Dinitrotoluene
Concen: 1.089 ng/ul
RT: 14.13 min Scan# 1860
Delta R.T. -0.17 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Tgt Ion:165 Resp: 1271

Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.9	65.9#
121	26.4	17.4	26.2#



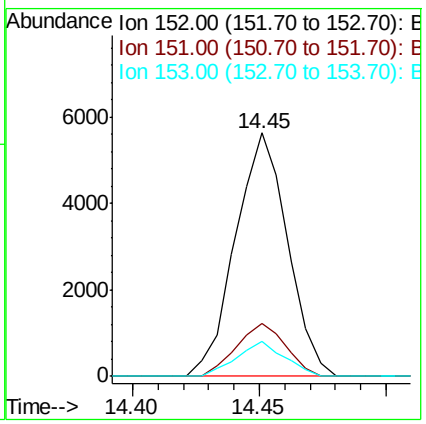


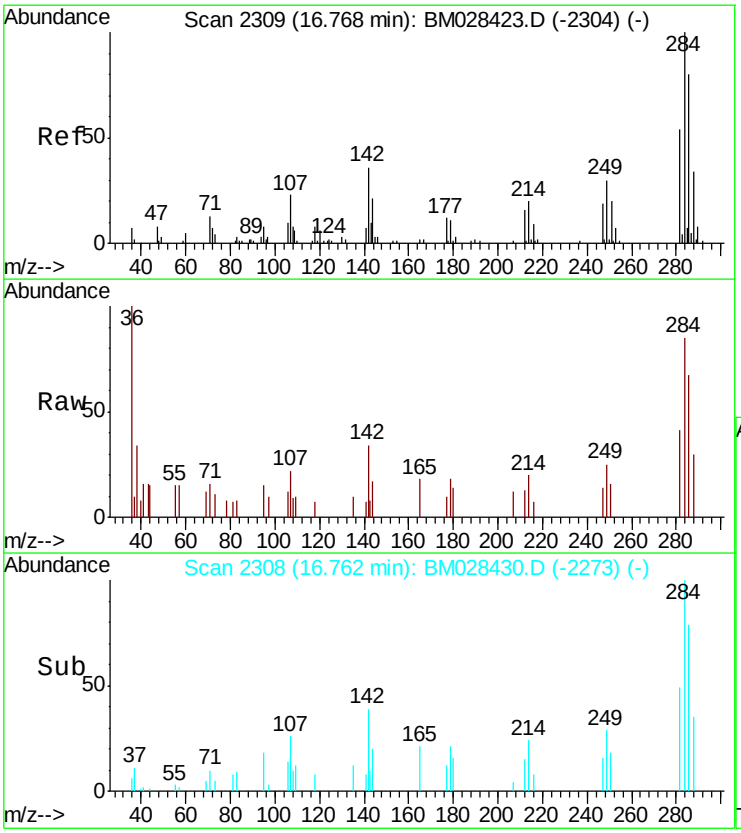
#48
Acenaphthylene
Concen: 1.123 ng/ul
RT: 14.45 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 8080

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.4	23.0
153	14.3	10.4	15.6

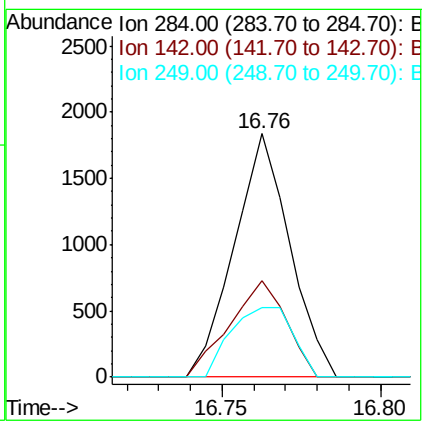


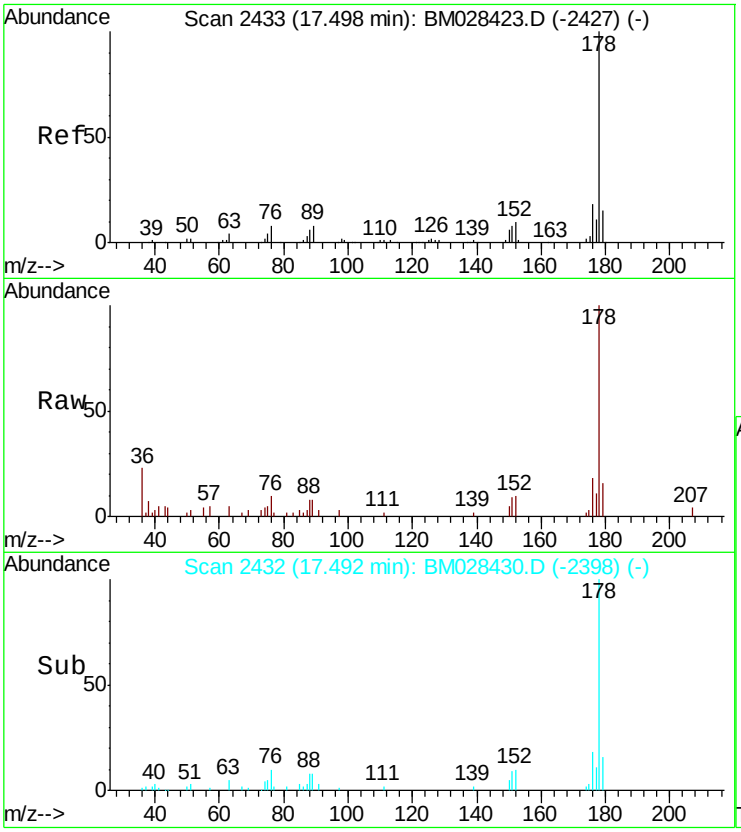


#67
Hexachlorobenzene
Concen: 1.200 ng/ul
RT: 16.76 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Tgt Ion:284 Resp: 2241

Ion	Ratio	Lower	Upper
284	100		
142	39.5	27.7	41.5
249	28.7	24.6	36.8



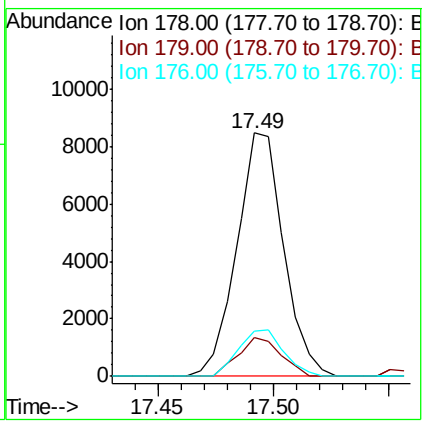


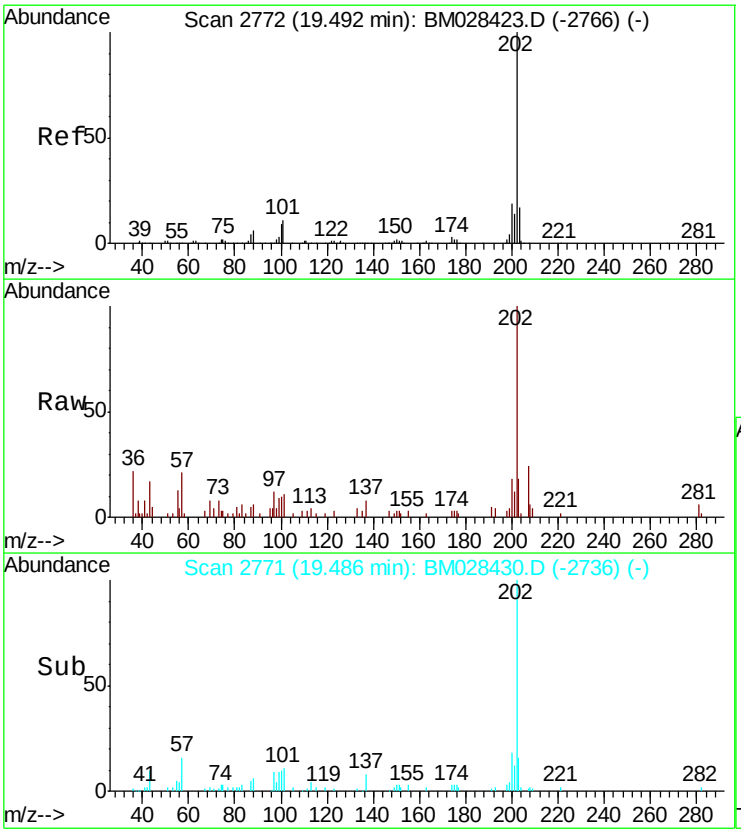
#70
Phenanthrene
Concen: 1.419 ng/ul
RT: 17.49 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 11981

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.3	14.6	22.0

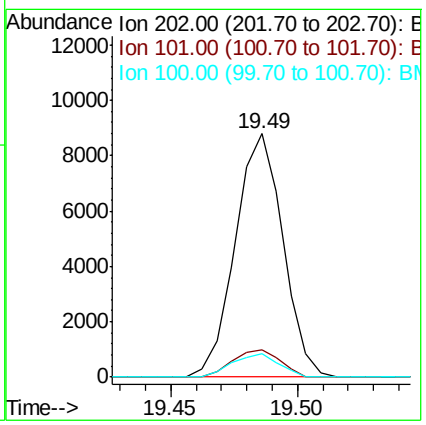


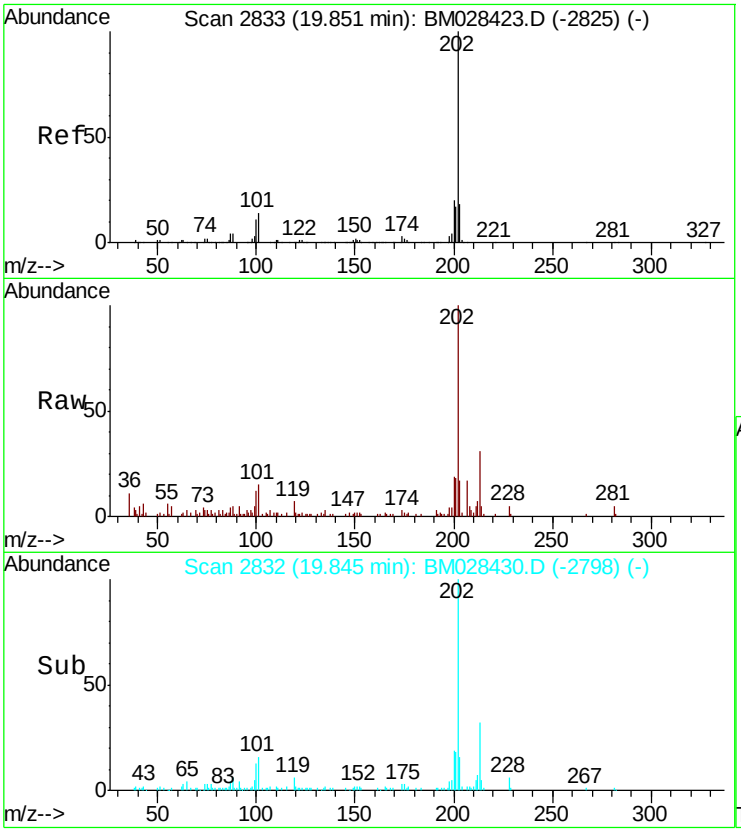


#77
Fluoranthene
Concen: 1.254 ng/ul
RT: 19.49 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Tgt Ion:202 Resp: 11526

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	9.9	7.0	10.6





#80
Pyrene
Concen: 2.448 ng/ul
RT: 19.84 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 23833

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.6	15.8
100	12.5	8.9	13.3