Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024835.D
Acq On : 11 Feb 2020 15:37
Operator : CG/JU
Sample : L1424-19DL 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 12:50:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:09:26 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C5B29DL2

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	261645	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	993299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	624646	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1311040	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1362828	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1455773	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.61	99	1703	0.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	5492	0.56	ng/ul	0.01
9) 2-Chlorophenol-d4	6.95	132	5870	0.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	3140m	0.21	ng/ul	0.02
19) Nitrobenzene-d5	8.55	128	4426	0.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.27	143	3478	0.41	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.81	165	6794	0.40	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.48	166	32796	0.70	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	37145	0.67	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.06	176	30178	0.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.91	188	46154	0.77	ng/ul	0.00
79) Pyrene-d10	19.22	212	49332	0.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	51773	0.71	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.21	128	342041	6.740	ng/ul	99
34) 2-Methylnaphthalene	11.83	142	117110	3.133	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.70	232	23696	1.706	ng/ul#	97
69) Pentachlorophenol	16.47	266	811663	69.866	ng/ul	99

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

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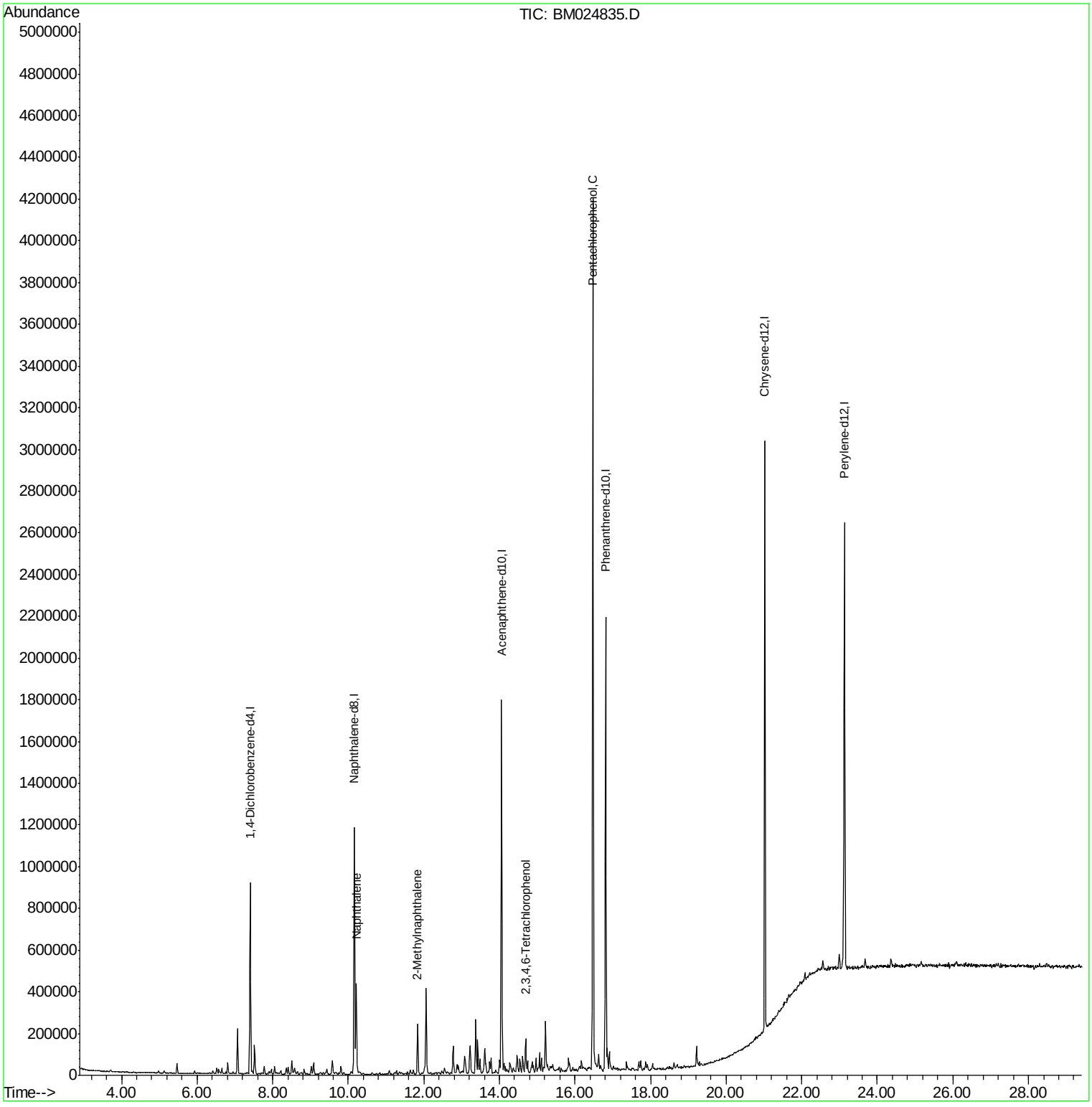
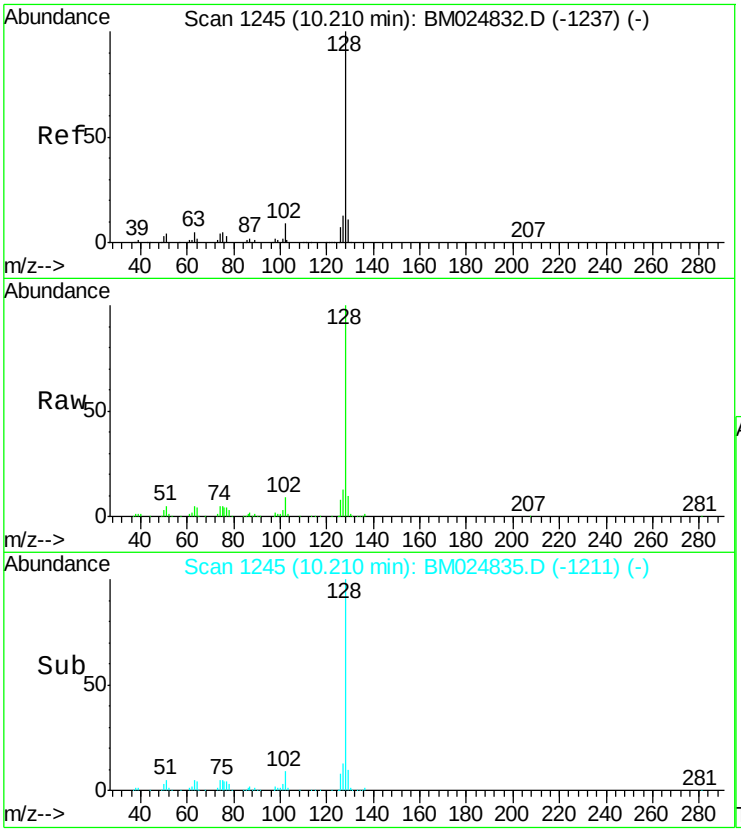
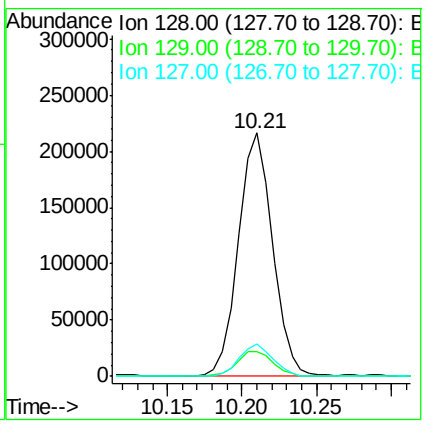




#28
Naphthalene
Concen: 6.740 ng/ul
RT: 10.21 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM024835.D
Acq: 11 Feb 2020 15:37

Tgt Ion:128 Resp: 342041

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
C5B29DL2

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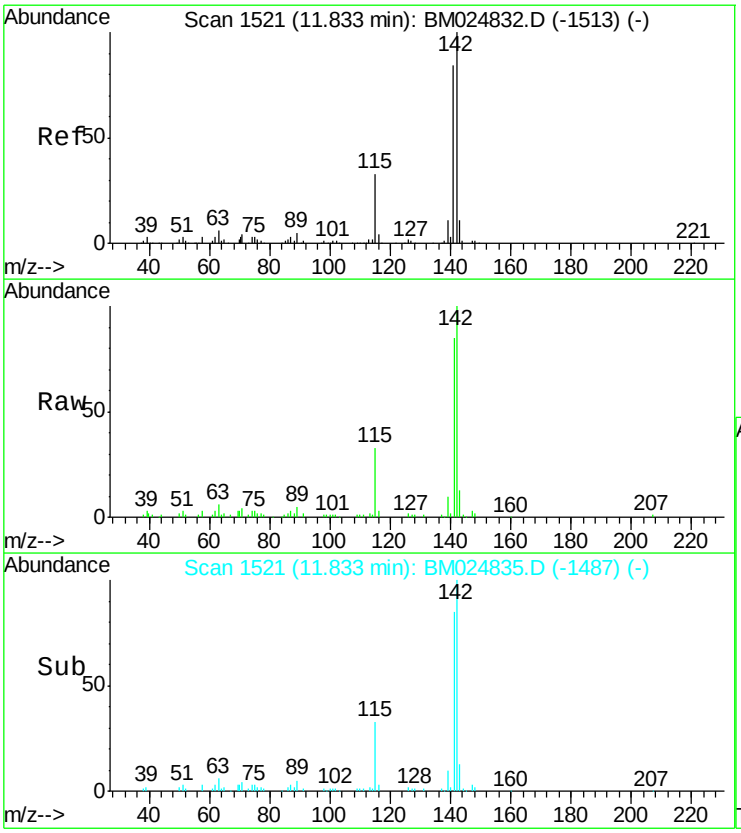
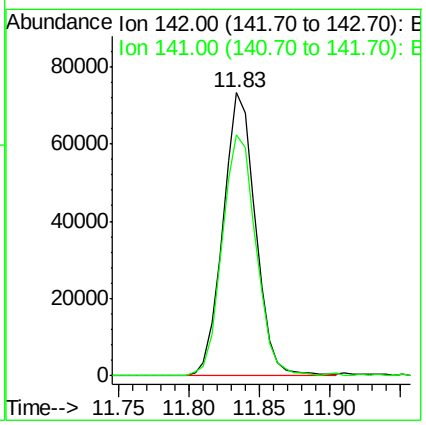
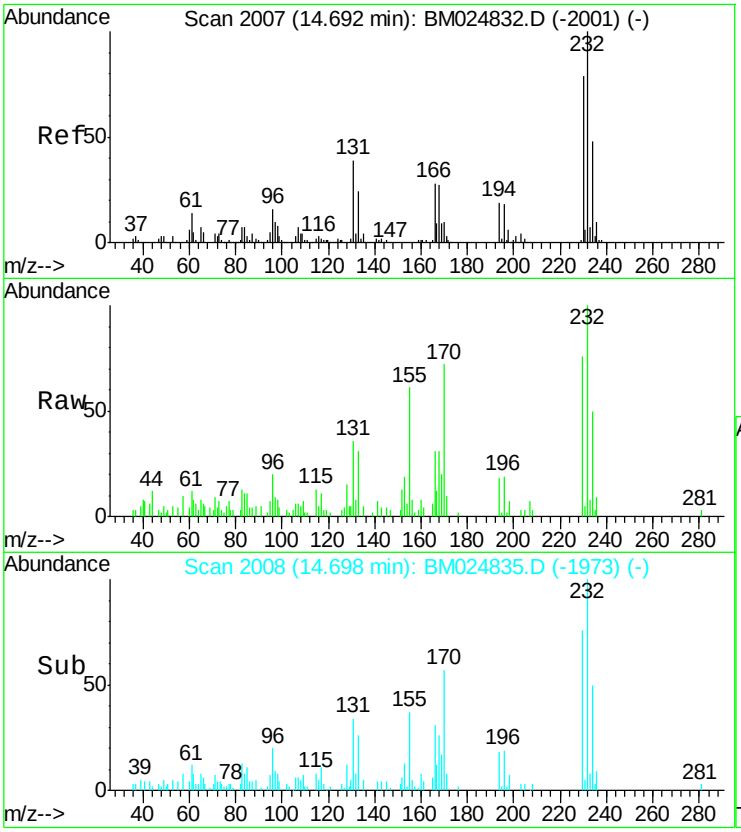


#34
2-Methylnaphthalene
Concen: 3.133 ng/ul
RT: 11.83 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BM024835.D
Acq: 11 Feb 2020 15:37

Tgt Ion:142 Resp: 117110

Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.5	105.7

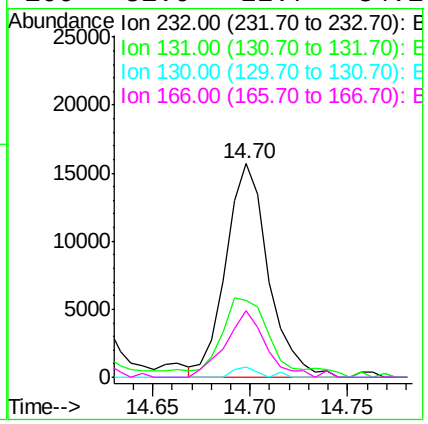




#56
2,3,4,6-Tetrachlorophenol
Concen: 1.706 ng/ul
RT: 14.70 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BM024835.D
Acq: 11 Feb 2020 15:37

Tgt Ion:232 Resp: 23696

Ion	Ratio	Lower	Upper
232	100		
131	36.1	28.5	42.7
130	4.9	1.4	2.0#
166	31.0	22.7	34.1



Instrument :
BNA_M
ClientSampleId :
C5B29DL2

Manual Integrations APPROVED
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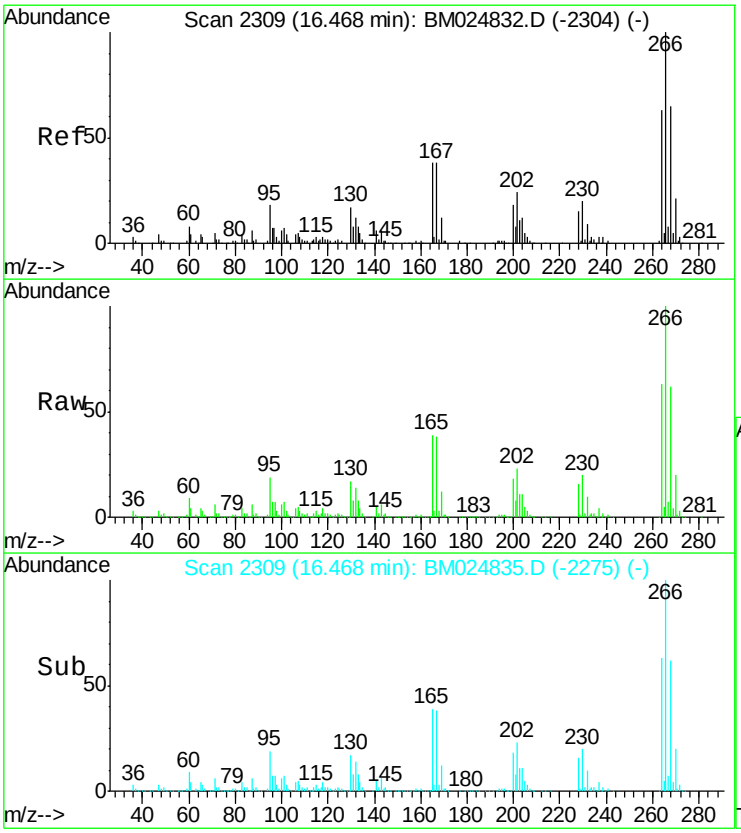

#69
Pentachlorophenol
Concen: 69.866 ng/ul
RT: 16.47 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BM024835.D
Acq: 11 Feb 2020 15:37

Tgt Ion:266 Resp: 811663

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.0	75.0
268	62.4	50.4	75.6