Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
Data File : BM028850.D
Acq On : 20 Feb 2021 19:35
Operator : CG/JU
Sample : M1415-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 22 00:59:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 00:39:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBH02

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	19779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	73340	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	38849	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	72810	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	87467	20.00	ng/ul	0.02
86) Perylene-d12	23.64	264	70280	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.02	99	2646	1.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	1793	2.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	2388	1.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	1983	1.57	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	1165	2.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	951	1.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	1964	1.75	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.90	166	6047	2.16	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	7679	2.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.74	143	615	1.27	ng/ul	0.02
58) Fluorene-d10	15.47	176	5367	2.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	256	0.57	ng/ul	0.00
71) Anthracene-d10	17.33	188	7637	2.30	ng/ul	0.00
79) Pyrene-d10	19.61	212	7603	1.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.50	264	8518	2.35	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	6.97	77	3298	4.602	ng/ul	98
53) 4-Nitrophenol	14.75	109	1889	4.759	ng/ul#	44
83) Benzo(a)anthracene	21.38	228	21850m	4.018	ng/ul	
85) Chrysene	21.41	228	37953m	7.212	ng/ul	

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

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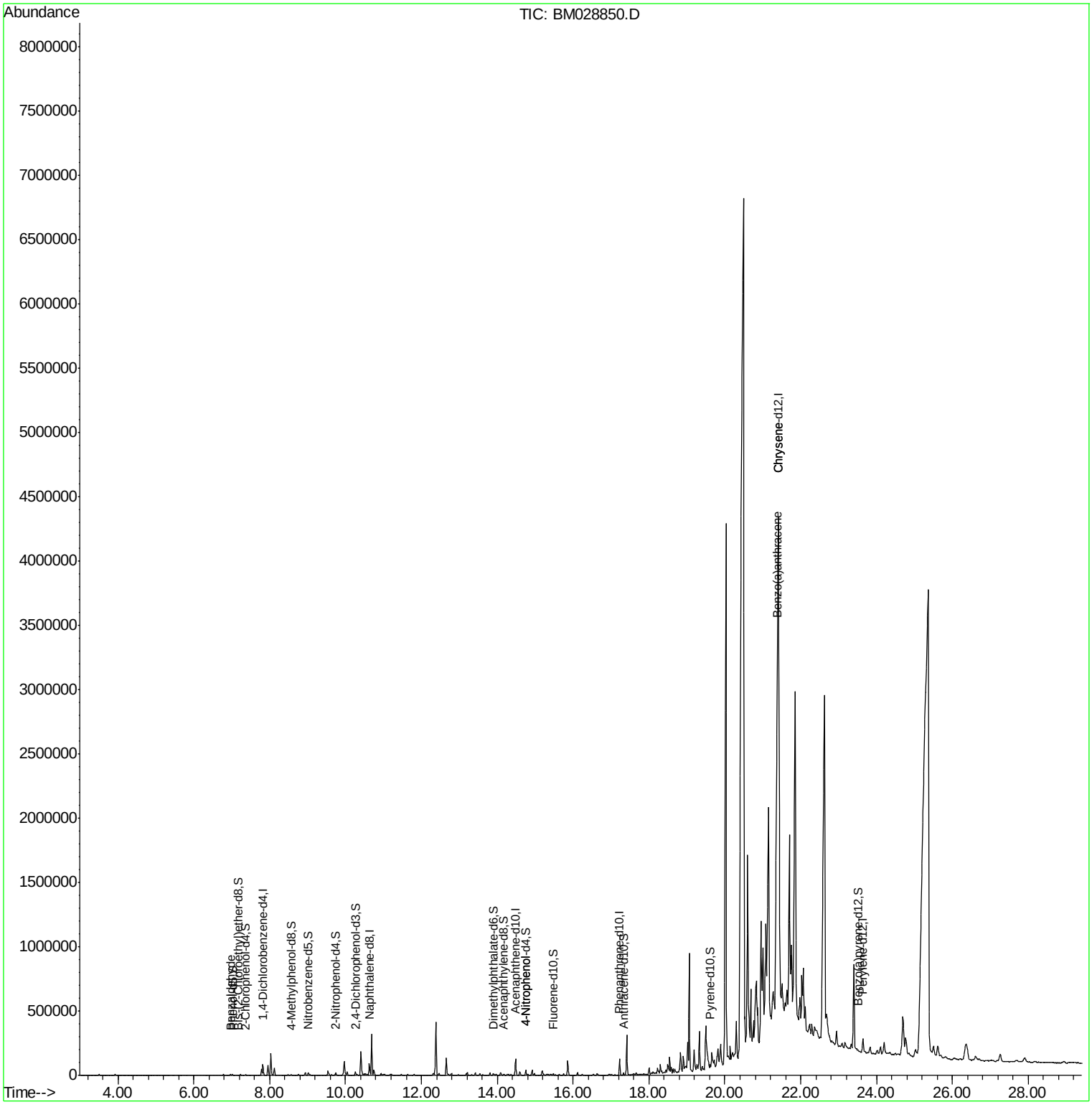
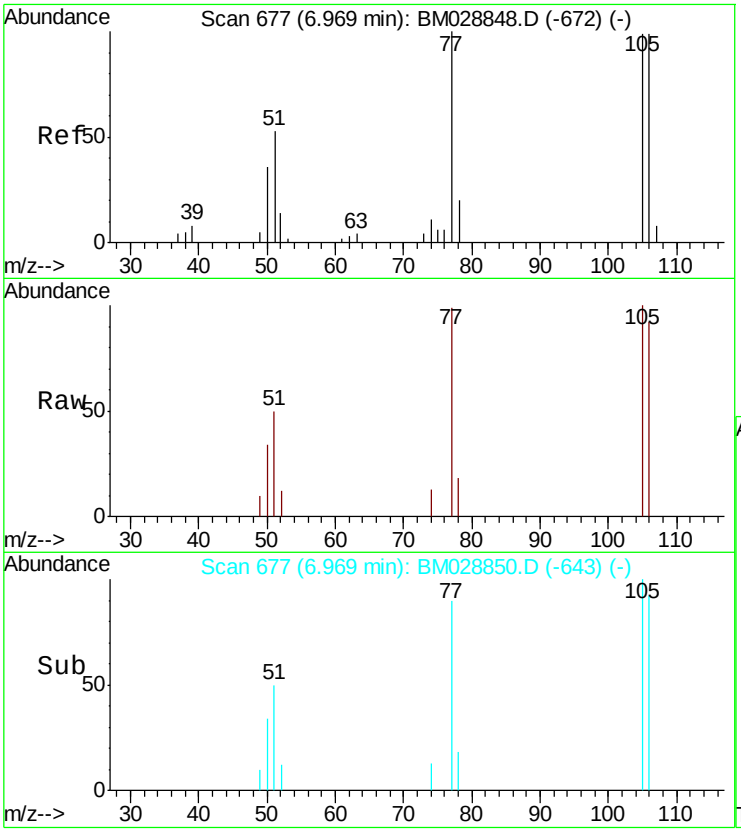
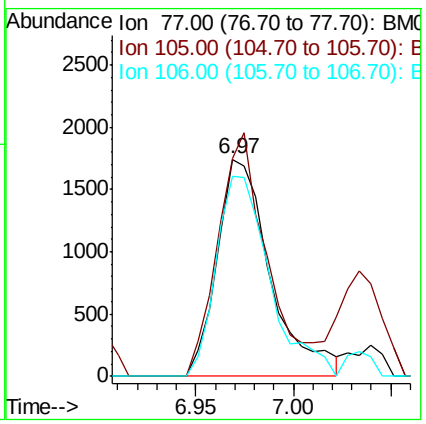




#4
Benzaldehyde
Concen: 4.602 ng/ul
RT: 6.97 min Scan# 677
Delta R.T. -0.00 min
Lab File: BM028850.D
Acq: 20 Feb 2021 19:35

Tgt Ion: 77 Resp: 3298

Ion	Ratio	Lower	Upper
77	100		
105	100.6	81.4	122.0
106	92.3	76.2	114.2



Instrument :
BNA_M
ClientSampleId :
DBH02

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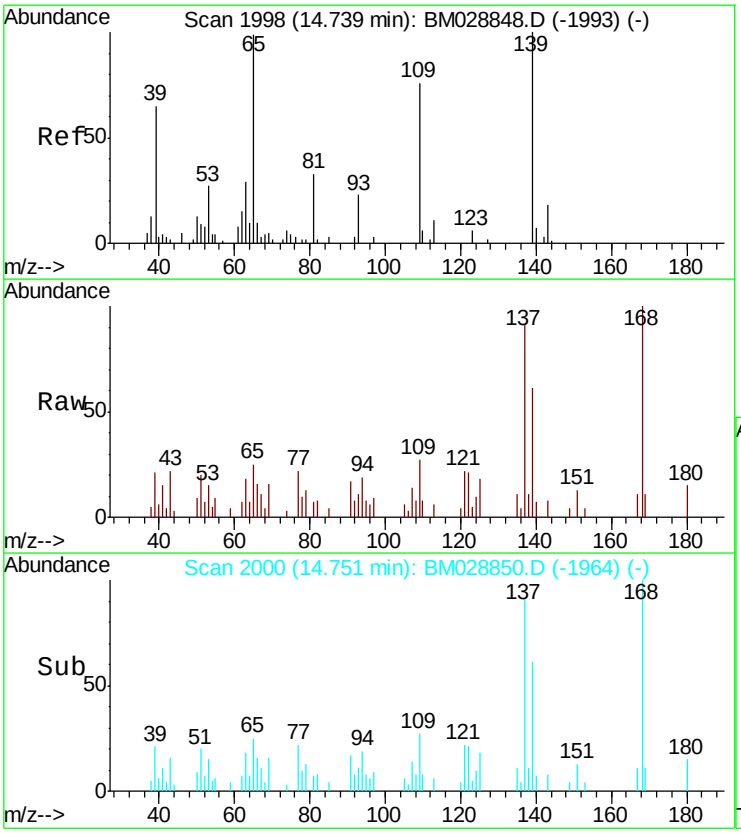
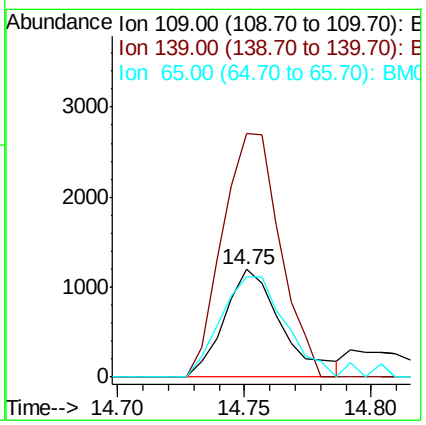
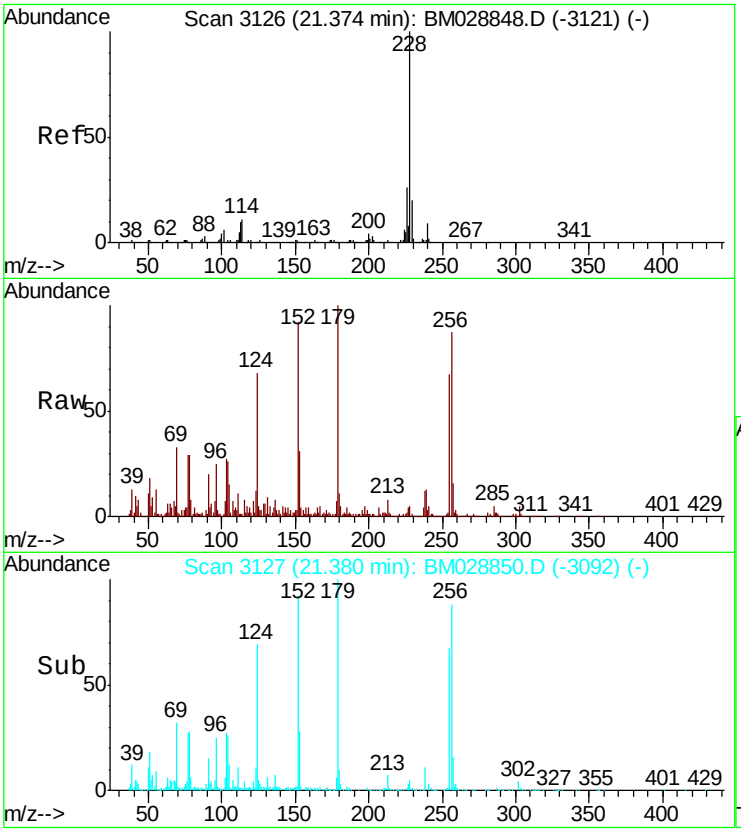


#53
4-Nitrophenol
Concen: 4.759 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BM028850.D
Acq: 20 Feb 2021 19:35

Tgt Ion:109 Resp: 1889

Ion	Ratio	Lower	Upper
109	100		
139	226.6	103.8	155.6#
65	93.8	101.5	152.3#





#83
Benzo(a)anthracene
Concen: 4.018 ng/ul m
RT: 21.38 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM028850.D
Acq: 20 Feb 2021 19:35

Tgt Ion:228 Resp: 21850

Ion	Ratio	Lower	Upper
228	100		
229	26.8	15.8	23.6#
226	32.9	20.4	30.6#

Instrument :
BNA_M
ClientSampleId :
DBH02

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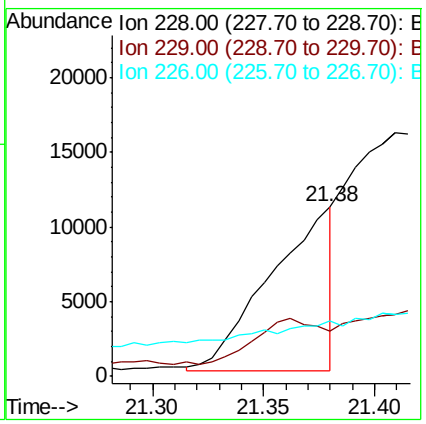

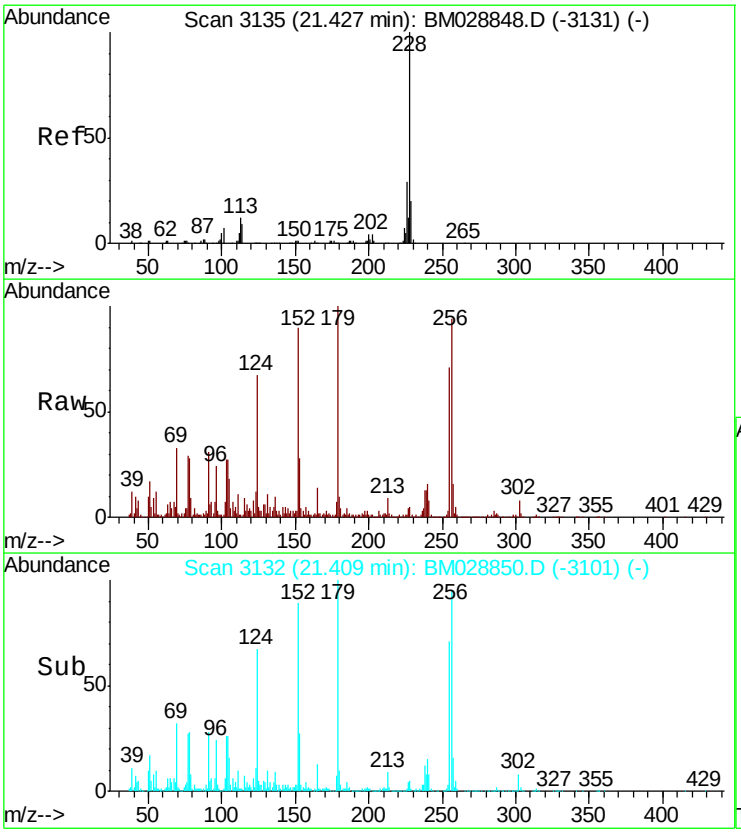

#85
Chrysene
Concen: 7.212 ng/ul m
RT: 21.41 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BM028850.D
Acq: 20 Feb 2021 19:35

Tgt Ion:228 Resp: 37953

Ion	Ratio	Lower	Upper
228	100		
226	25.6	23.0	34.6
229	25.6	15.5	23.3#